



F. No. 11(1)/2016/225-Skills
Ministry of Agriculture & Farmers Welfare
(Department of Agriculture, Cooperation & Farmers Welfare)

Krishi Bhawan, New Delhi

Dated, the 12th January, 2016

To

- Principal Secretary/ Secretary (Agriculture) - All States
- Agriculture Production Commissioner / Agriculture Commissioner (All States)
- Director Agriculture / Director Horticulture (All States)
- Director SAMETIs (28 States)

Subject : Implementation of the activities in agriculture & allied areas as per National Skill Development Policy 2015 –Action Plan – regarding.

Sir/ Madam,

As you are aware that the Government of India has brought out revised National Skill Development Policy-2015(<http://goo.gl/rzy7EV>), and notified Common Norms(<http://goo.gl/7LAEVd>) and National Skill Qualification Framework (NSQF) (<http://goo.gl/XiKoW9>) for implementation of skill development activities to be taken up through various schemes/programme across the country. GOI has established Ministry of Skill Development & Entrepreneurship (MSDE) (<http://msde.gov.in>) and set up similar organizations like National Skill Development Corporation (NSDC)(<http://www.nsdcindia.org>), National Skill Development Agency(NSDA)(<http://www.nsda.gov.in>) and Sector Skill Councils (SSCs) to facilitate Skill Development initiatives as per the directives enumerated in National Skill Development Policy.

Agriculture performance calls for greater attention to address the problems faced by farmers due to subsistence agriculture, fragmented and small land holdings and inadequate storage and market facilities. The commercialization and diversification of agriculture towards demand-driven and high value commodities and its integration with marketing system are offering new avenues, both in domestic and global market. The significant contribution of corporate sector in developing and delivering market driven technologies, contract farming, processing of agri-products, organised retailing and produce for export markets are providing new dimension to Indian agriculture.

In order to ensure integration of improved technologies and skill requirement in agriculture and allied sectors, concerted efforts would be required to reorient the existing training and capacity building programmes for imparting appropriate skills in rural youth and farmers. The Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) is making concerted efforts to impart skill based training to rural youth through its existing institutional mechanism and exploring various

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possibilities to create a pool of skilled manpower in the agriculture & allied sector in the country. In view of the efforts of GOI, it would be appropriate for the State Agriculture & Horticulture Department to initiate following action to supplement and complement the skill development initiatives in the country:

- (i) Facilitate implementation of training activities under the component "Skill Training of Rural Youth"(STRY) in collaboration with district level training institutes under overall supervision of SAMETIs. The district level institutes may be sensitized to include need based, demand driven and innovative topics in agriculture and allied areas for imparting skill training to rural youths. The operational modalities for STRY is available on the website www.agricoop.nic.in.
- (ii) Training infrastructure and expertise of State Agril. Universities, Krishi Vigyan Kendras and ICAR may be appropriately utilized for imparting training and implementation of skill development programmes.
- (iii) Integrating activities with State Skill Development Mission(SSDM) set up at State level for alignment of skill development activities in agriculture & horticulture, in compliance with Occupation Standards.
- (iv) Agriculture Skill Council of India (ASCI) has been set up at national level under the aegis of National Skill Development Corporation (NSDC) with a vision to develop the skill sets in line with global standards. ASCI is also mandated to develop National Occupational Standard (NOS), a valuable tool to be used as benchmarks for qualifications as well as for defining roles at work, staff recruitments, supervision and appraisal. So far, ASCI has developed 60 National Occupational Standards (NOS)/Qualification Packs (QPs) and development of 95 NOS/QPs is under process. List of NOS/QPs is enclosed for kind perusal. The details about ASCI and individual NOS/QPs can be viewed at www.asci-india.com.
- (v) ASCI provides Certification and Accreditation to training providers and assessment bodies to conduct training and assessments respectively. States should coordinate with ASCI and its affiliated training providers for the purpose.
- (vi) Agriculture & allied departments can enhance the existing skill development activities utilising the existing training infrastructure facilities and by providing additional funding for skill development.
- (vii) State to identify the State Nodal Officers for coordinating skill development activities with State Skill Development Mission, Ministry of Agriculture, Cooperation & Farmers Welfare, ASCI, State and National level institutes etc.

- (viii) Skill training in agriculture and allied areas need to be linked with the requirement of agro-based industries for providing employment opportunities to the trained candidates.

The skill development initiatives taken up at various levels with a dedicated focus on imparting vocational training for capacity building of rural youth and farmers would facilitate this Ministry to achieve the desired targets as per National Skill Development Policy in terms of skill training vis-a-vis employment generation.

It is, therefore, requested to develop a Plan of Action and initiate action for implementation of skill development programmes in agriculture and allied sectors in the States and supplement the efforts of Govt. of India, accordingly.

Encl. as above

Yours faithfully,



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Copy to :

- Director General, MANAGE, Hyderabad
- PPS to Secretary, DAC&FW, Krishi Bhavan
- PPS to Additional Secretary (All), DAC&FW, Krishi Bhavan

60 Qualifications Packs (QPs) developed in Agriculture & Allied Sector by ASCI

(i) CROP HUSBANDRY (27)

1. Maize Cultivator
2. Chillies Cultivator
3. Coriander Cultivator
4. Pulses Cultivator
5. Coconut Grower
6. Paddy Farmer
7. Banana Farmer
8. Gardener
9. Coffee Plantation Worker
10. Tea Plantation Worker
11. Bamboo Grower
12. Wheat Cultivator
13. Cotton Cultivator
14. Soybean Cultivator
15. Sugarcane Cultivator
16. Dairy Worker
17. Citrus Fruit Grower
18. Tuber Crop Cultivator
19. Solanaceous Crop Cultivator
20. Bulb Crop Cultivator
21. Mango Grower
22. Organic Grower
23. Beekeeper
24. Floriculturist (Open Cultivation)
25. Floriculturist (Protected Cultivation)
26. Quality Seed Grower
27. Sericulturist

(ii) EXTENSION SERVICES (5)

1. Agriculture Extension Executive
2. Agriculture Extension Service provider
3. Community Service Provider
4. Friends of Coconut Tree
5. Agriculture Field Officer

(iii) ENTREPRENEURSHIP DEVELOPMENT (1)

1. Climate Change & Risk Mitigation Manager

(iv) MECHANIZATION & TECHNOLOGY (6)

1. Tractor Operator
2. Harvesting Machine Operator
3. Micro Irrigation Technician
4. Green House Fitter
5. Solar Pump Technician
6. Bare Foot Technician

(v) POST HARVEST MANAGEMENT/ PROCESSING(10)

1. Supply Chain Field Assistant
2. Warehouse Worker
3. Seed Processing Worker
4. Packhouse Worker
5. Cold Storage Manager
6. Cold Storage Supervisor
7. Cold Store keeper
8. Ripening Chamber Operator
9. CA Store Technician Operator
10. Neera Technician

(vi) ANIMAL HUSBANDRY/DAIRY PRODUCTION (5)

1. Animal Health Worker
2. Artificial Insemination Technician
3. Dairy Farmer/ Entrepreneur
4. Veterinary Clinical Assistant
5. Veterinary Field Assistant

(vii) POULTRY MANAGEMENT (3)

1. Hatchery Incharge Poultry
2. Poultry Farm Supervisor Broiler
3. Poultry Farm Worker Broiler

(viii) FISHERIES (3)

1. Marine Capture Fisherman
2. Hatchery (Fishery) Production Worker
3. Shrimp Farmer

95 QPs Under Development in Phase II (To be completed by 31st Dec 2015)

Job Roles in Agriculture Segment:

1. Small Tea Entrepreneur
2. Small Coffee Entrepreneur
3. Vermicompost Entrepreneur
4. Cocoa grower
5. Cardamom grower
6. Flower Handler- Packaging & Palletizing
7. Medicinal plant grower
8. Seed Analyst
9. Production Supervisor (Seed Processing)
10. Seed Processing plant operator
11. Wine Yard Grower
12. Wine Yard worker
13. Nursery Manager
14. Landscape Designer
15. Landscape Supervisor
16. Horticulture Supervisor
17. Nursery Supervisor
18. Nursery worker
19. Landscaper
20. Vertical Farming Technician
21. Hydroponic Technician
22. Aquascaping Designer
23. Tissue Culture Technician
24. Agri inputs outlet incharge
25. Timber grower
26. Nursery raiser - Fruit and forestry sp.
27. Lac Cultivator
28. Non Timber Forest Produce (NTFP) Primary Processor
29. Herb Collector
30. Community Forester
31. Climber
32. Wildlife Guide
33. Watershed Manager
34. Watershed Supervisor
35. Water Harvesting structure construction technician
36. Community mobilizer
37. Village water technician
38. Soil & Water conservation technician
39. Watershed Consultant
40. Aqua-management expert
41. Watershed Asst./ Panlot Sewak
42. Agri Warehouse Supervisor
43. Commodity Fumigation Operator
44. Reefer Truck Driver cum Technician
45. Institution Development Manager
46. Strategic procurement Manager
47. Risk Analyst Manager
48. Produce Mapping Surveyor
49. Agri Supply and Demand Analyst
50. Price Forecasting Analyst
51. Electronic Trading Supervisor
52. Commodity Quality Assesor

Job Roles in Agri-allied Segment:

53. Goat farmer
54. Piggery Farmer
55. Pig Breeder
56. Dairy Farm Supervisor
57. Milk collection centre – incharge
58. Milk Tester
59. BMC (Bulk Milk Cooler)Operator
60. Chilling Plant Technician
61. Milk Route Supervisor
62. Poultry Farm Manager
63. Poultry farm/ Shed designer
64. Poultry Feed and Food Safety, labeling supervisor
65. Poultry Farm Fitter

66. Small Poultry Farmer (Chicken, Duck & Emu)
67. Farm worker – Layer
68. Setting operator
69. Chick grading /Chick Sexer Technicians
70. Lab animal attendant
71. Animal Handler
72. Stud Farm Worker
73. Hatchery manager
74. Aqua Farm Biologist
75. Aquaculture worker
76. Feed Technician
77. Crab fattening farmer
78. Composite fish culture farmer/ operator
79. Freshwater aquaculture farmer/ operator
80. Brackishwater aquaculture(Fish& Prawn) farmer/ operator
81. Mariculture operator
82. Marine Coral Propagation Technician
83. Aquascaping Technician (aquarium aesthetics)
84. Ornamental fish Export specialist
85. Ornamental Fish technician
86. Pearl Culture Technician
87. Inland capture fisherman cum primary processor
88. Maintenance worker
89. Fishing Boat driver
90. Fishing Boat Mechanic (engine)
91. Fishery Extension Associate
92. Net & Floats Technician
93. Aquatic Microbiology Lab Assistant
94. Mobile Fish Retailer
95. Servicing Technician for ancilliary Fishery Equipments, (GPS, Fish Finders, VHF)