

(b) The Government has not received any proposal from the State of Odisha to make Adarsh ITI during current fiscal year.

**ITI in Tamil Nadu**

2669. SHRIMATI SASIKALAPUSHPA: Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

(a) the details of Industrial Training Institutes (ITIs), which are providing long term skill development training programme in Tamil Nadu;

(b) the details of training given by them viz., training course content, duration of training, employability, etc.; and

(c) details of fund provided to these ITIs during last three years in Tamil Nadu?

THE MINISTER OF STATE OF THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP (SHRI RAJIV PRATAPRUDY): (a) There are 13,328 Industrial Training Institutes (ITIs) affiliated to National Council for Vocational Training (NCVT) including 625 ITIs in the State of Tamil Nadu. Details of the ITIs, State and District-wise are available on NCVT MIS Portal (<https://ncvtmis.gov.in/pages/home.aspx>).

(b) Vocational training is being imparted, in semester pattern, in Government and Private ITIs under Craftsmen Training Scheme (CTS) in 126 trades [details are given in Statement-I (*See below*)] of duration one and two years to prepare trainees for wage-employment as well as self-employment. The training courses of respective trades cover the requisite basic skills and knowledge. About 70% of the training period is allotted to practical training and the rest to subjects relating to trade theory of respective trade, Workshop Calculation and Science, Engineering Drawing and Employability Skills.

(c) Vocational Training is a concurrent subject under the Constitution (entry 23). The Central Government is entrusted with responsibility of formulation of policy, laying down training standards, norms, conduct of examinations and certification and affiliation/de-affiliation of ITIs etc. whereas day to day administration including admissions in ITIs is under the domain of respective State/UTs. However, Ministry of Skill Development and Entrepreneurship has provided funds under the following schemes for upgradation of Government Industrial Training Institutes (ITIs):—

- (i) World Bank assisted Vocational Training Improvement Project (VTIP).
- (ii) Upgradation of 1396 Government ITIs through Public Private Partnership (PPP).
- (iii) Upgradation of existing Government ITIs into Model ITIs.

The details of number of ITIs covered and funds released to the State of Tamil Nadu during last five years under above schemes are given in Statement-II.

***Statement-I***

*List of Engineering and Non- Engineering trades under Craftsmen Training Scheme  
(In Semester Pattern)*

| Sl. No.                       | Name of the Trade  | Duration    | Unit size |
|-------------------------------|--|-------------|-----------|
| 1                             | 2  | 3           | 4         |
| <b>(A) Engineering Trades</b> |  |             |           |
| 1.                            | Architectural Assistant                                    | 2 Semesters | 20        |
| 2.                            | Attendant Operator (Chemical Plant)                        | 4 Semesters | 16        |
| 3.                            | Carpenter  | 2 Semesters | 20        |
| 4.                            | Draughtsman (Civil)  | 4 Semesters | 20        |
| 5.                            | Draughtsman (Mechanical)                                   | 4 Semesters | 16        |
| 6.                            | Domestic Painter   | 2 Semesters | 20        |
| 7.                            | Electrician  | 4 Semesters | 16        |
| 8.                            | Electronic Mechanic  | 4 Semesters | 20        |
| 9.                            | Electroplater  | 4 Semesters | 16        |
| 10.                           | Fitter   | 4 Semesters | 16        |
| 11.                           | Foundry Man Technician                                     | 2 Semesters | 16        |
| 12.                           | Gold Smith   | 2 Semesters | 16        |
| 13.                           | Information Communication Technology<br>System Maintenance | 4 Semesters | 20        |
| 14.                           | Industrial Painter   | 2 Semesters | 20        |
| 15.                           | Instrument Mechanic  | 4 Semesters | 20        |
| 16.                           | Instrument Mechanic (Chemical Plant)                       | 4 Semesters | 16        |
| 17.                           | Interior Decoration and Designing                          | 2 Semesters | 20        |
| 18.                           | Laboratory Assistant (Chemical Plant)                      | 4 Semesters | 16        |
| 19.                           | Lift and Escalator Mechanic                                | 4 Semesters | 16        |
| 20.                           | Machinist  | 4 Semesters | 12        |
| 21.                           | Machinist (Grinder)  | 4 Semesters | 12        |

| 1   | 2  | 3           | 4  |
|-----|--|-------------|----|
| 22. | Maintenance Mechanic (Chemical Plant)        | 4 Semesters | 16 |
| 23. | Marine Engine Fitter                         | 2 Semesters | 16 |
| 24. | Marine Fitter                                | 4 Semesters | 16 |
| 25. | Mason (Building Constructor)                 | 2 Semesters | 20 |
| 26. | Mechanic Diesel Engine                       | 2 Semesters | 16 |
| 27. | Mechanic Mining Machinery                    | 4 Semesters | 20 |
| 28. | Mechanic (Motor Vehicle)                     | 4 Semesters | 16 |
| 29. | Mechanic (Refrigeration and Air-Conditioner) | 4 Semesters | 20 |
| 30. | Mechanic (Tractor)                           | 2 Semesters | 16 |
| 31. | Mechanic Agricultural Machinery              | 4 Semesters | 16 |
| 32. | Mechanic Auto Electrical and Electronics     | 2 Semester  | 16 |
| 33. | Mechanic Lens/Prism Grinding                 | 2 Semesters | 12 |
| 34. | Mechanic Motor Cycle                         | 2 Semester  | 16 |
| 35. | Mechanic Machine Tools Maintenance           | 4 Semesters | 16 |
| 36. | Mechanic Mechatronics                        | 4 Semesters | 16 |
| 37. | Mechanic Medical Electronics                 | 4 Semesters | 20 |
| 38. | Operator Advanced Machine Tools              | 4 Semesters | 12 |
| 39. | Painter General                              | 4 Semesters | 16 |
| 40. | Physiotherapy Technician                     | 2 Semesters | 16 |
| 41. | Plastic Processing Operator                  | 2 Semesters | 16 |
| 42. | Plumber                                      | 2 Semesters | 20 |
| 43. | Pump Operator-cum-Mechanic                   | 2 Semesters | 16 |
| 44. | Radiology Technician                         | 4 Semesters | 16 |
| 45. | Rubber Technician                            | 2 Semesters | 20 |
| 46. | Sheet Metal Worker                           | 2 Semesters | 16 |
| 47. | Spinning Technician                          | 4 Semesters | 16 |
| 48. | Stone Processing Machines Operator           | 2 Semesters | 20 |
| 49. | Stone Mining Machine Operator                | 2 Semesters | 20 |
| 50. | Surveyor                                     | 2 Semesters | 20 |
| 51. | Textile Mechatronics                         | 4 Semesters | 16 |

| 1                                 | 2   | 3           | 4  |
|-----------------------------------|---|-------------|----|
| 52.                               | Textile Wet Processing Technician               | 4 Semesters | 16 |
| 53.                               | Tool & Die Maker (Dies & Moulds)                | 4 Semesters | 16 |
| 54.                               | Tool & Die Maker (Press Tools, Jigs & Fixtures) | 4 Semesters | 16 |
| 55.                               | Turner  | 4 Semesters | 12 |
| 56.                               | Vessel Navigator                                | 4 Semesters | 16 |
| 57.                               | Welder  | 2 Semesters | 16 |
| 58.                               | Weaving Technician                              | 4 Semesters | 16 |
| 59.                               | Wireman   | 4 Semesters | 16 |
| 60.                               | Mechanic Auto Body Repair                       | 2 Semesters | 16 |
| 61.                               | Mechanic Auto Body Painting                     | 2 Semesters | 16 |
| 62.                               | Mechanic Air-conditioning Plant                 | 4 Semesters | 20 |
| 63.                               | Civil Engineer Assistant                        | 4 Semesters | 20 |
| 64.                               | Technician Power Electronic System              | 4 Semesters | 20 |
| 65.                               | Mechanic Consumer Electronics Appliances        | 4 Semesters | 20 |
| 66.                               | Welder (GMAW & GTAW)                            | 2 Semesters | 16 |
| 67.                               | Welder (Fabrication & Fitting)                  | 2 Semesters | 16 |
| 68.                               | Welder (Structural)                             | 2 Semesters | 16 |
| 69.                               | Welder (Pipe)                                   | 2 Semesters | 16 |
| 70.                               | Welder (Welding & Inspection)                   | 2 Semesters | 16 |
| 71.                               | Information Technology                          | 4 Semesters | 20 |
| 72.                               | Computer Hardware & Network Maintenance         | 2 Semesters | 20 |
| 73.                               | Refractory Technician                           | 4 Semesters | 16 |
| <b>(B) Non-Engineering Trades</b> |   |             |    |
| 1.                                | Architectural Draughtsman                       | 2 Semesters | 20 |
| 2.                                | Baker and Confectioner                          | 2 Semesters | 20 |
| 3.                                | Computer Operator and Programming Assistant     | 2 Semesters | 20 |
| 4.                                | Food Production (General)                       | 2 Semesters | 20 |
| 5.                                | Sewing Technology                               | 2 Semesters | 16 |

| 1   | 2  | 3           | 4  |
|-----|--|-------------|----|
| 6.  | Computer Aided Embroidery and Designing          | 2 Semesters | 16 |
| 7.  | Dairying   | 2 Semesters | 25 |
| 8.  | Dental Laboratory Technician                     | 4 Semesters | 20 |
| 9.  | Desk Top Publishing Operator                     | 2 Semesters | 20 |
| 10. | Digital Photographer                             | 2 Semesters | 16 |
| 11. | Dress Making                                     | 2 Semesters | 16 |
| 12. | Surface Ornamentation Techniques<br>(Embroidery) | 2 Semesters | 16 |
| 13. | Fashion Design Technology                        | 2 Semesters | 16 |
| 14. | Floriculture & Landscaping                       | 2 Semesters | 20 |
| 15. | Front Office Assistant                           | 2 Semester  | 20 |
| 16. | Basic Cosmetology                                | 2 Semesters | 20 |
| 17. | Health Sanitary Inspector                        | 2 Semesters | 20 |
| 18. | Horticulture                                     | 2 Semesters | 20 |
| 19. | Hospital House Keeping                           | 2 Semesters | 20 |
| 20. | Leather Goods Maker                              | 2 Semesters | 16 |
| 21. | Footwear Maker                                   | 2 Semesters | 16 |
| 22. | Old Age Care Assistant                           | 2 Semester  | 20 |
| 23. | Photographer                                     | 2 Semesters | 16 |
| 24. | Pre/Preparatory School Management<br>(Assistant) | 2 Semester  | 20 |
| 25. | Fruit and Vegetable Processor                    | 2 Semesters | 20 |
| 26. | Process Cameraman                                | 2 Semesters | 16 |
| 27. | Secretarial Practice (English)                   | 2 Semesters | 20 |
| 28. | Stenography & Secretarial Assistant (English)    | 2 Semesters | 20 |
| 29. | Spa Therapy                                      | 2 Semesters | 20 |
| 30. | Stenography & Secretarial Assistant (Hindi)      | 2 Semesters | 20 |
| 31. | Food & Beverages Guest Services Assistant        | 2 Semesters | 20 |

| 1                                       | 2   | 3           | 4  |
|---|---|-------------|----|
| 32.                                     | Weaving Technician for Skill & Woolen Fabrics           | 2 Semesters | 16 |
| 33.                                     | Catering & Hospitality Assistant                        | 2 Semesters | 16 |
| 34.                                     | Travel & Tour Assistant                                 | 2 Semesters | 20 |
| 35.                                     | Multimedia Animation & Special Effect                   | 2 Semesters | 20 |
| 36.                                     | Health, Safety and Environment                          | 2 Semesters | 20 |
| 37.                                     | Fire Technology and Industrial Safety Management        | 2 Semesters | 20 |
| 38.                                     | Human Resource Executive                                | 2 Semesters | 20 |
| 39.                                     | Marketing Executive                                     | 2 Semesters | 20 |
| 40.                                     | Finance Executive                                       | 2 Semesters | 20 |
| 41.                                     | Tourist Guide   | 2 Semesters | 20 |
| 42.                                     | Bamboo Works  | 2 Semesters | 20 |
| 43.                                     | Milk & Milk Products                                    | 2 Semesters | 20 |
| 44.                                     | Agro Processing   | 2 Semesters | 20 |
| 45.                                     | Food Beverage   | 2 Semesters | 20 |
| 46.                                     | Data Base System Assistant                              | 2 Semesters | 20 |
| 47.                                     | Software Testing Assistant                              | 2 Semesters | 20 |
| 48.                                     | House Keeper  | 2 Semesters | 20 |
| <b>(c) Trades for Visually Impaired</b> |   |             |    |
| 1.                                      | Metal Cutting Attendant (for Visually Impaired Persons) | 4 Semesters | 20 |
| 2.                                      | Computer Operator & Programming Assistant               | 2 Semesters | 10 |
| 3.                                      | Desktop Publishing Operator                             | 2 Semesters | 10 |
| 4.                                      | Cutting & Sewing  | 2 Semesters | 10 |
| 5.                                      | Hair & Skin Care  | 2 Semesters | 10 |

**Statement-II***The details of number of ITIs covered and funds released in Tamil Nadu*

| Sl. No.      | Name of the Scheme   | No. of ITIs covered under the scheme in T.N | Released amount during last five years i.e. FY 2011-12 to 2015-16 (Amt. in ₹ Lakhs) | Remarks   |
|--------------|--|---|---|---|
| 1.           | Vocational Training Improvement Project                                      | 17  | 3806  | Funding pattern between Center and State is 75:25       |
| 2.           | Upgradation of 1396 Government ITIs through Public Private Partnership (PPP) | 32  | 500   | Release of funds closed in March, 2012 under the scheme |
| 3.           | Upgradation of existing Government ITIs into Model ITIs                      | 1   | 250   | Funding pattern between Center and State is 70:30       |
| <i>TOTAL</i> |  | 50  | 4556  |   |

**Involvement of employers in formulation of curriculum development**

2670. *SHRI MOHD. ALI KHAN: Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:*

(a) *whether Government is considering to involve prospective employers to formulate a competency based, industry ready curriculum for imparting skill based training to the youth, if so, the details thereof;*

(b) *whether it is a fact that there are post placement dropouts of trained youth; and*

(c) *if so, the steps planned by Government to reduce this dropout rate?*

*THE MINISTER OF STATE OF THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP (SHRI RAJIV PRATAP RUDY): (a) Government is implementing Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 2016-20 to enable a large number of*