

**GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP**

LOK SABHA

**STARRED QUESTION NO. *114
TO BE ANSWERED ON 25.07.2022**

ELECTRIC VEHICLE ECOSYSTEM

114. SHRI VISHNU DATT SHARMA

**Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP
be pleased to state:**

- a) Whether the government, in view of upcoming electric vehicle ecosystem, is making efforts for up skilling and re-skilling of the people currently employed in internal combustion engine based automobile and ancillary industry sector;
- b) If so, the details thereof; and
- c) If not, the reasons there for?

ANSWER

**MINISTER OF
SKILL DEVELOPMENT AND ENTREPRENEURSHIP
(SHRI DHARMENDRA PRADHAN)**

- (a) to (c) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (C) OF LOK SABHA STARRED QUESTION NO. *114 TO BE ANSWERED ON 25.07.2022 ASKED BY SHRI VISHNU DATT SHARMA REGARDING 'ELECTRIC VEHICLE ECOSYSTEM'

(a) : Yes, Sir.

(b) & (c) : Directorate General of Training under Ministry of Skill Development & Entrepreneurship has introduced a course, namely, "Mechanic Electric Vehicle" in the year 2021 under Craftsmen Training Scheme (CTS) through Industrial Training Institutes (ITIs), to meet the upcoming requirement of electric vehicle ecosystem. The duration of the course is 2 years and its NSQF Level is 5. Under Pradhan Mantri Kaushal Vikas Yojna (PMKVY) training has commenced in Automotive sector for two job roles i.e. Electric Vehicle Maintenance Technician and Electric Vehicle Test Engineer.

Power Sector Skill Council (PSSC) has recently developed 2 qualifications in Distribution domain, i.e. Electric Vehicle (EV) Charging Station- Technician (Operation and Maintenance) and Electric Vehicle (EV) Charging Station - Technician (Installation & Commissioning) which is aligned to NSQF level 4.

Further, Automotive Skill Development Council (ASDC) has undertaken following activities to support skilling in Electric Vehicle Ecosystem:

- ASDC organised various expert group meetings on Electric Vehicles to discuss current industry requirement in the form of Qualification Packs, trainer, assessor and placement scenario under Electric Vehicle domain, such as manufacturing, service, R&D, etc.
- ASDC in collaboration with NPTC Group of Colleges in UK has conducted Training of Trainers (ToT) program for the newly developed Electric Vehicle Service Lead Technician qualification where 12 trainers were certified.
- ASDC in collaboration with industry and training providers has developed various certification programs with companies and certified approximately 2,000 candidates.
- ASDC has also launched e-Learning course with Toyota Kirloskar Motor Pvt. Ltd. "xEV Shiksha" where 25,000+ candidates are certified.

ASDC has developed 8 qualifications in Research & Development, Manufacturing and Service domain mentioned below:

| S. No. | Sub Sector | QP Number | QP Name | Level |
|-----------------------------------|---|-----------|--|-------|
| Research & Development | | | | |
| 1. | Automotive Product Testing and Validation | ASC/Q8406 | Electric Vehicle Test Engineer | 5 |
| 2. | Automotive Product Designing | ASC/Q8104 | Electric Vehicle Product Design Engineer | 5 |

| Manufacturing | | | | |
|----------------------|-------------------------------|-----------|--|---|
| 3. | Assembly Operations | ASC/Q3606 | Electric Vehicle Assembly Operator | 3 |
| 4. | Assembly Operations | ASC/Q3605 | Electric Vehicle Assembly Technician | 4 |
| 5. | Plant & Equipment Maintenance | ASC/Q6809 | Electric Vehicle Maintenance Technician | 4 |
| 6. | Quality Assurance | ASC/Q6307 | Electric Vehicle Quality Control Inspector | 4 |
| Service | | | | |
| 7. | Technical & Service Repair | ASC/Q1429 | Electric Vehicle Service Technician | 4 |
| 8. | Technical & Service Repair | ASC/Q1424 | Electric Vehicle Service Lead Technician | 5 |
