

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO.1496
ANSWERED ON 07.12.2021

BATTERIES FOR ELECTRIC VEHICLES

**1496. SHRI CHANDRA PRAKASH JOSHI:
SHRI RODMAL NAGAR:**

Will the Minister of HEAVY INDUSTRIES **भारी उद्योग मंत्री** be pleased to state:

- (a) the steps being taken by the Government to improve quality and to bring down the prices of batteries used in electric vehicles;
- (b) whether any agreement has been signed with any educational or research and development agency in the country and abroad in this regard; and
- (c) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a): The Government on 12th May, 2021 approved a Production Linked Incentive (PLI) Scheme for manufacturing of Advance Chemistry Cell (ACC) in the country. The total outlay of the scheme is Rs. 18,100 Crore for a period of 5 years. The scheme envisages to establish a competitive ACC battery manufacturing set up in the country (50 GWh). Additionally, 5GWh of niche ACC technologies is also covered under the Scheme. The scheme proposes a production linked subsidy based on applicable subsidy per KWh and percentage of value addition achieved on actual sales made by the manufacturers who set up production units. This scheme will facilitate reduction of import dependence of ACC battery and will reduce prices of batteries used in electric vehicles.

(b) & (c): Yes, Sir. The Ministry of Heavy Industries is supporting IIT Madras for their project namely "Setting up of Center for Battery Engineering". The objective of the project is mainly R&D studies on performance analysis of batteries and its testing, Understanding of Battery Management Systems (BMS), Design and Optimization of Battery Systems, Secondary use case of Batteries, Recycling of Batteries.
