

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH
LOK SABHA
UNSTARRED QUESTION NO.3655
(TO BE ANSWERED ON 07.12.2016)
PLATINUM JUBILEE TECHNO FEST**

**3655. SHRI SUDHEER GUPTA:
SHRI S.R. VIJAYAKUMAR:
SHRI GAJANAN KIRTIKAR:
DR. SUNIL BALIRAM GAIKWAD:
SHRI T. RADHAKRISHNAN:**

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) Whether the "Platinum Jubilee Techno Fest" of Council of Scientific and Industrial Research (CSIR) was celebrated in the India International Trade Fare (IITF) recently;**
- (b) if so, the details thereof and the activities which were organised during IITF;**
- (c) Whether a battery run car was developed and commercially produced by CSIR-Central Electro Chemical Research Institute (CECRI) and CSIR- Central Mechanical Engineering Research Institute (CMERI) in collaboration with auto major company;**
- (d) If so, the details thereof along with the features thereof; and**
- (e) The steps taken/being taken by the Government to develop advance technologies in the field of electric vehicles?**

ANSWER

**MINISTER OF STATE OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(SHRI Y.S. CHOWDARY)**

- (a) Yes, Madam.**
- (b) The details and the activities organized during India International Trade Fare (IITF) is provided at Annexure-I.**
- (c)&(d) Yes, Madam. A lithium-Ion battery powered four doors four seater electric car named e2oPlus has been developed under CSIR-New Millennium Technology Leadership Initiative (NMITLI) supported project. The project being under the Industry originated project (IOP) category of CSIR-NMITLI, originated from M/s Mahindra Reva Electric Vehicles Ltd., Bangalore. It had two CSIR laboratories namely CSIR- Central Electrochemical Research Institute, Karaikudi (CECRI) and CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur as institutional partners. The car will be available in four variants. On a full charge, top variant would travel upto 140 kms and would achieve a top speed of 85 kmph.**
- (e) CSIR laboratories are involved in R&D work related to developing advance technologies in the field of electric vehicles.**

Annexure-I

CSIR organized its Platinum Jubilee Techno Fest 2016 at Hall No. 12A, India International Trade Fair, Pragati Maidan, New Delhi from 14-27 November 2016. The contributions of entire CSIR were showcased as it has delivered to the nation during its journey of 75 years, appropriately presented theme-wise across 14 theme pavilions. Besides theme-based information panels highlighting the science and the technology components of major CSIR contributions, a large number of exhibits, including demonstrable exhibits were showcased to enthuse the interest of potential partners of CSIR. The Director of the core CSIR lab in each theme area along with the directors of other participating labs with their specialized team managed their respective pavilions, ensuring effective interaction with the visitors. Each day, beginning from 15 November 2016, was designated as a theme day on one of the core areas of CSIR, as per the following schedule:

Theme Day Schedule

15 November	Aerospace & Strategic Sector
16 November	Engineering & Infrastructure
17 November	Mining, Minerals & Materials
18 November	Chemicals & Petrochemicals
19 November	Energy
20 November	Ecology & Environment
21 November	CSIR for Societal Interventions
22 November	Water
23 November	Agriculture & Floriculture
24 November	Food & Nutrition
25 November	Healthcare & Generics
26 November	Leather

Theme Day Activities

Each day, theme-based seminars/workshops and presentations by eminent speakers from both CSIR and associate industry on significant contributions of CSIR were organized. Each technical session in the forenoon included:

- Presentation on a recent success stories by the industrial partners of CSIR, preferably over a live demonstration of the technology or the outcome thereof.
 - Presentation on promising technologies of CSIR of considerable interest to the potential partners of CSIR.
- More than 120 such presentations were made during the duration of the event. Each technical session in the afternoon also included activities in the chain of commercialization of technologies, like signing of MoUs, technology transfers, etc. On an average, about 4 such activities were mobilized for afternoon session each day.

General Activities

A large number of activities with involvement of the students were also executed, on daily basis, including

- Organization of Science Quiz competitions
- Science demonstrations on the subjects revolving around the daily lives of the people
- A public lecture by an eminent scientist on the topic of relevance to each theme day

The information about both technical and general activities were widely publicized to attract optimal participation of persons of relevance to CSIR, including announcement of the daily program in major dailies in Delhi NCR and CSIR website/PJC microsite, besides sending special mail orders.

Publicity of the Event

A comprehensive media relations activity was also put in place, including:

- A curtain raiser on the event was held on 12 November 2016, chaired by Hon'ble Minister of Science & Technology.
- Active involvement of beat correspondents resulted in good coverage of the technical sessions organized on the subjects of relevance to them.
- Regular posting of information on the activities during the event on social media handles, on real-time basis.
- The entire 14-day proceedings of the event were also web cast across all CSIR labs and other points of interest to CSIR.
- Short films were made covering the major theme pavilions as also their theme day activities for mass dissemination of the proceedings of the event.
- A small publication brought out on each theme area was distributed to the interested visitors to the CSIR showcase for their reference.