

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1489
ANSWERED ON:04.03.2015
LACK OF BASIC INFRASTRUCTURE IN CSIR
Simha Shri Prathap

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

- (a) whether the Council of Scientific & Industrial Research (CSIR) has been criticized for lack of basic infrastructure and opaque internal culture;
- (b) if so, the details thereof and the reasons therefor;
- (c) the details of funds allocated to CSIR during each of the last three years, year-wise;
- (d) whether the Government is planning to take immediate steps to make it world renowned by providing infrastructure and other facilities; and
- (e) if so, the details thereof and if not, the reasons therefor?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES (Dr. HARSH VARDHAN)

(a)&(b) No, Madam. Council of Scientific & Industrial Research (CSIR) is not criticized for lack of basic infrastructure and opaque internal culture.

CSIR is a globally benchmarked organization. It is ranked at 84th position (only Indian institution within top 100 rank) out of the 4851 institutions worldwide by Scimago Institutions Ranking World Report 2014' [[http://scimagoir.com/pdf/SIR Global 2014O.pdf](http://scimagoir.com/pdf/SIR_Global_2014O.pdf)]. CSIR holds the 17th rank in Asia and leads the country at the first position.

Pioneer of India's intellectual property movement, CSIR has strengthened its patent portfolio to carve out global niches for the country in select technology domains. CSIR is granted 90% of US patents granted to any Indian publicly funded R&D organization. On an average CSIR files about 250 patents in India and 250 patents abroad per year.

CSIR has pursued cutting edge science and has thus advanced the knowledge frontiers. The scientific staff of CSIR only constitutes about 3-4% of India's scientific manpower but they contribute to about 10% of India's scientific outputs. CSIR has published 5444 papers during 2014 in SCI journals.

CSIR through its constituent laboratory, Indian Institute of Petroleum (IIP), Dehradun has developed a state-of-the-art 'Wax Deoiling Technology' to produce waxes from petroleum streams. Based on CSIR IIP-EIL-NRL technology, Numaligarh Refinery Limited (NRL) - a subsidiary of Bharat Petroleum Corporation Limited (BPCL), situated in North-East Region of India, has set-up a grass root 'Wax Deoiling Plant' with the investment of INR 750 crores. Recently, CSIR has launched Krishi Shakti- a small tractor (10-12 hp) which would benefit Indian farmers possessing small land holdings. Further, a Supercontinuum Light Source based Confocal Microscope has been designed and developed under the CSIR-New Millennium Indian Technology Leadership Initiative (CSIR-NMITLI) Scheme and has recently been launched.

(c) The details of funds allocated to Council of Scientific & Industrial Research (CSIR) during the last three years, year-wise are as under:

Year	Plan	Fund
(Rs. in crore)		
2012-13	1516.73	
2013-14	1550.70	
2014-15	1546.00	

(d) &(e) CSIR is continuously endeavoring to upgrade its resource base and basic infrastructure so as to pursue world-class research.