

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO.1773  
TO BE ANSWERED ON 04.05.2016**

**MOUs FOR TECHNICAL COOPERATION**

**1773. DR. SUNIL BALIRAM GAIKWAD:  
SHRI GAJANAN KIRTIKAR:  
SHRI DUSHYANT SINGH:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) whether the Railway Minister had visited France and Germany recently;**
- (b) if so, the details thereof and the issues discussed during the visit along with the decisions taken therein;**
- (c) the details of the Memorandums of Understanding (MoUs) signed by the Indian Railways with other countries for technical cooperation during the last two years; and**
- (d) the implementation status of these MoUs along with the key benefits accrued to Indian Railways during the last two years on account of technology/knowledge transfers from these countries?**

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF RAILWAYS**

**(SHRI MANOJ SINHA)**

**(a) & (b): Yes, Madam. The Minister of Railways, had visited France on 11th - 12th , April 2016 and Germany from 13th to 15th April 2016.**

**During the visit, Railway Minister met his counterparts, senior railway officers and members of industry. The issues discussed included cooperation in High Speed Rail, raising speed of existing routes, station development, Information Technology, investment possibilities in Railways and partnership for technical advancement upgradation etc.**

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**(c) & (d): Ministry of Railways have signed Memoranda of Understanding (MoUs)/Protocols during the last two years for technical cooperation in the rail sector with the following foreign countries or their Railways : (i) Sweden, (ii) France , (iii) Japan, (iv) Russia (v) United Kingdom (vi) Slovak Republic, (vii) Kazakhstan (viii) Canada, (ix) South Korea, (x) China, (xi) Czech Republic and (xii) Germany. The MoUs /Protocols enable technical visits, exchange of technical experts, reports and documents, training programme, feasibility studies/pilot projects etc.**

**The ongoing cooperation projects through these MoUs/Protocol are as under:-**

**(i) China:- (a) High Speed Rail feasibility study for Delhi-Nagpur section, (b) Feasibility study for upgradation of Speeds to 160 kmph on Chennai-Bengaluru-Mysore corridor, (c) Training Programme for Indian Railway Officers on Heavy-haul Technology.**

**(ii) South Korea: - Feasibility Study for speed raising of Delhi-Mumbai route to 200 km/h.**

**(iii) Japan: - Mumbai- Ahmedabad High Speed Rail Project- Technical and financial assistance**

**(iv) France: - (a) Technical and Execution Study for upgrading the speed of passenger trains between Delhi-Chandigarh upto 200 kmph (b) renovation/development study of Ludhiana and Ambala railway stations.**

**(v) Germany: - Feasibility study for High Speed Rail of one route as mutually agreed.**

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