

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA  
UNSTARRED QUESTION NO.5268  
TO BE ANSWERED ON 5/4/2017**

**SCIENCE EXPRESS**

**5268. DR. J. JAYAVARDHAN:  
SHRIMATI SUPRIYA SULE:  
SHRI DHANANJAY MAHADIK:  
DR. HEENA VIJAYKUMAR GAVIT:  
SHRI SATAV RAJEEV:  
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:**

Will the Minister of **SCIENCE AND TECHNOLOGY** विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether the Government has introduced Science Express-climate action special;
- (b) if so, the details thereof along with the stations covered in each State and total length in kms. it has covered since its launch;
- (c) the objectives set/achieved in this regard; and
- (d) the steps being taken by the Government to introduce more science expresses in future?

**ANSWER**

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

विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री और पृथ्वी विज्ञान मंत्रालय में राज्य मंत्री

(श्री वाई. एस. चौधरी)

- (a) Yes Madam.
- (b) Science Express is an innovative mobile science exhibition mounted on a 16 coach AC train, which was custom-built for Department of Science and Technology (DST) by Indian Railway. Since its launch in 2007, Science Express has travelled across the country in 8 phases, each of 6-7 months duration, and received 1.56 crore visitors at 455 halts, usually of 2-4 days duration, in its 1602 exhibition days. The focus of initial 4 phases of Science Express was cutting-edge research in science and it was run in association with Max Planck Society, Germany and German Government. In 2011, DST entered into collaboration with the then Union Ministry of Environment and Forest (MoEF) and converted the theme to Biodiversity in line with the organization of United Nations Conference of Parties (COP-11) that was held in Hyderabad in October 2011. After 3 successful runs of Science Express- Biodiversity Special, 'Science Express' was redesigned on the theme 'Climate Change' and the resultant- 'Science Express Climate Action Special (SECAS)- was launched on 15 October 2015. It is a collaborative initiative of DST, Union Ministry of Environment, Forest & Climate Change (MoEFCC), and Department of Biotechnology (DBT). The first phase of SECAS (and eighth successive run of Science Express) got concluded 7 May 2016 after halting at 64 locations in 20 States, covering 19,800 kms. In 204 exhibition days, it was visited by 23.24 lakhs people, primarily student and teachers. Buoyed by the overwhelming response, all the partner agencies decided to run the second phase of SECAS, which is actually the 9<sup>th</sup> edition Science Express. SECAS was thus re-launched from Delhi Safdarjung on 17 February 2017 and it is scheduled to travel across India till 8 September 2017. It will halt at 68 Railway Stations and cover 19000 kms. In this ongoing phase, SECAS has already covered 15 locations till 31 March 2017 and over 3 lakh people have visited it. Of the 16 coaches of SECAS, exhibition in 8 coaches, is exclusively devoted to information, case studies and material related to various aspect of Climate change, the underlying science, impacts, adaptation activities, mitigation solutions and policy approaches in a manner that is easy to understand and interesting for not just school students but also the masses.

The details of Railway Stations covered by SECAS in its first phase in various States along with the schedule of exhibition days are as follows:

Sr. No.	Station	State	Exhibition Dates
(1)	(2)	(3)	(4)
1.	Delhi Safdarjung	Delhi	15 -17 Oct 2015
2.	Sawai Madhopur	Rajasthan	18 Oct 2015
3.	Ranapratapnagar (Udaipur)	Rajasthan	19 -23 Oct 2015

(1)	(2)	(2)	(4)
4.	Bhagat ki Kothi (Jodhpur)	Rajasthan	24 - 25 Oct 2015
5.	Jaisalmer	Rajasthan	26 - 29 Oct 2015
6.	Suratgarh	Rajasthan	30 Oct - 01 Nov 2015
7.	Patiala	Punjab	02 - 04 Nov 2015
8.	Ambala Cantt	Haryana	05 - 08 Nov 2015
9.	Amb Andaura	Himachal Pradesh	09 - 10 Nov 2015
10.	Churaru Takarla	Himachal Pradesh	12 - 13 Nov 2015
11.	Hoshiarpur	Punjab	14 - 16 Nov 2015
12.	Udhampur	Jammu & Kashmir	17 - 20 Nov 2015
13.	Samba	Jammu & Kashmir	21 - 23 Nov 2015
14.	Pathankot	Punjab	24 - 27 Nov 2015
15.	Saharanpur	UttarPradesh	28 - 29 Nov 2015
16.	Haridwar	Uttrakhand	30 Nov - 02 Dec 2015
17.	Lalkuan	Uttrakhand	03 - 05 Dec 2015
18.	Pragati Maidan	Delhi	06 - 08 Dec 2015
19.	Anajmandi (Rewari)	Haryana	09 - 11 Dec 2015
20.	Agra Cannt	UttarPradesh	12 - 14 Dec 2015
21.	Shivpuri	Madhya Pradesh	15 - 17 Dec 2015
22.	Khajuraho	Madhya Pradesh	18 - 20 Dec 2015
23.	Allahabad	UttarPradesh	21 - 24 Dec 2015
24.	Basti	UttarPradesh	26 - 28 Dec 2015
25.	New Jalpaiguri	West Bengal	30 - 31 Dec 2015
26.	New Bongaigaon	Assam	01 - 02 Jan 2016
27.	Mariani	Assam	04 - 05 Jan 2016
28.	New Tinsukia	Assam	06 - 07 Jan 2016
29.	Lumding	Assam	08 - 09 Jan 2016
30.	Alipurduar	West Bengal	11 - 12 Jan 2016
31.	Ambikakalna	West Bengal	14 - 17 Jan 2016
32.	Barraackpore	West Bengal	18 - 21 Jan 2016
33.	Jhargram	West Bengal	22 - 24 Jan 2016
34.	Digha F S	West Bengal	25 & 27 Jan 2016
35.	Jharsuguda	Odisha	29 - 30 Jan 2016
36.	Bilaspur	Chhattisgarh	31 Jan - 02 Feb 2016
37.	Kumhari	Chhattisgarh	03 - 06 Feb 2016
38.	Koraput	Odisha	08 - 10 Feb 2016
39.	Vishakhapatnam	Andhra Pradesh	11 - 13 Feb 2016
40.	Rajahmundry	Andhra Pradesh	14 - 16 Feb 2016
41.	Guntur	Andhra Pradesh	17 - 19 Feb 2016
42.	Secunderabad	Telangana	20 - 23 Feb 2016
43.	Adoni	Andhra Pradesh	24 - 26 Feb 2016
44.	Kadiri	Andhra Pradesh	27 - 29 Feb 2016
45.	Vellore	Tamil Nadu	01 - 03 Mar 2016
46.	Kumbakonam	Tamil Nadu	04 - 06 Mar 2016
47.	Pudukkottai	Tamil Nadu	07 - 09 Mar 2016
48.	Rameswaram	Tamil Nadu	10 - 12 Mar 2016
49.	Tirunelveli	Tamil Nadu	13 - 16 Mar 2016
50.	Changanasery	Kerala	17 - 20 Mar 2016
51.	Palakkad	Kerala	22 & 24 Mar 2016

(1)	(2)	(3)	(4)
52.	Mangalore Jn	Karnataka	25 - 28 Mar 2016
53.	Ashokapuram	Karnataka	30 Mar - 02 Apr 2016
54.	Hospet	Karnataka	04 - 05 Apr 2016
55.	Wadi	Karnataka	06 - 08 Apr 2016
56.	Nizamabad	Telangana	09 - 11 Apr 2016
57.	Butibori	Maharashtra	13 - 15 Apr 2016
58.	Jalamb	Maharashtra	16 - 18 Apr 2016
59.	Valsad	Gujarat	20 - 22 Apr 2016
60.	Anand	Gujarat	23 - 25 Apr 2016
61.	Patan	Gujarat	26 - 28 Apr 2016
62.	Hapa	Gujarat	29 Apr - 01 May 2016
63.	Junagarh	Gujarat	02 - 04 May 2016
64.	Gandhinagar Capital	Gujarat	05 - 07 May 2016

The details of Railway Stations covered by SECAS in second phase in various States along with the schedule of exhibition days are as follows:

Sr. No.	Station	State	Exhibition Dates
(1)	(2)	(3)	(4)
1.	Delhi Safdarjung (Flag off)	Delhi	17 Feb 2017
2.	Delhi Cantt	Delhi	18 - 19 Feb 2017
3.	Hisar	Harayana	20 - 23 Feb 2017
4.	Dhuri	Punjab	24 - 26 Feb 2017
5.	Taran Taran	Punjab	27 - 28 Feb 2017
6.	Sri Mata Vaishno Devi Katra	J & K	1 - 2 Mar 2017
7.	Udhampur	J & K	3 - 4 Mar 2017
8.	Nangal Dam	Punjab	6 - 7 Mar 2017
9.	Sirhind	Punjab	8 - 10 Mar 2017
10.	Chandigarh	Chandigarh	12 & 14 Mar 2017
11.	Rampur	UP	15 - 17 Mar 2017
12.	Kasganj City	UP	18 - 20 Mar 2017
13.	Khalilabad	UP	22 - 25 Mar 2017
14.	Mau	UP	26 - 29 Mar 2017
15.	Gaya	Bihar	30 - 31 Mar 2017
16.	Patna	Bihar	1 - 2 Apr 2017
17.	Kiul	WB	3 - 4 Apr 2017
18.	Sitamarhi	Bihar	5 Apr 2017
19.	Samastipur	Bihar	6 Apr 2017
20.	Salmari	Bihar	7 - 8 Apr 2017
21.	Fakiragram	Assam	9 - 10 Apr 2017
22.	Lumding	Assam	11 - 12 Apr 2017
23.	Agartala	Tripura	13 -14 Apr 2017
24.	Badarpur	Assam	15 - 17 Apr 2017
25.	North Lakhimpur	Assam	19 - 21 Apr 2017
26.	Rangpara North	Assam	22 - 24 Apr 2017
27.	Bagdogra	WB	25 - 26 Apr 2017
28.	Dhanbad	Jharkhand	28 - 30 Apr 2017
29.	Barrackpore	WB	1 - 2 May 2017
30.	Kalyani	WB	3 - 5 May 2017

(1)	(2)	(3)	(4)
31.	Chandil	Odhisha	6 - 8 May 2017
32.	Bhadrak	Odhisha	9, 11 & 12 May 2017
33.	Puri	Odhisha	13 - 16 May 2017
34.	Chatarpur	Odhisha	17 - 19 May 2017
35.	Kottavalasa	AP	20 - 23 May 2017
36.	Gudivada	AP	24 - 26 May 2017
37.	Mirylaguda	Telangana	27 - 30 May 2017
38.	Gulberga	Karnataka	31 May - 2 Jun 2017
39.	Kalluru	AP	3 - 5 Jun 2017
40.	Whitefield	AP	6 - 8 Jun 2017
41.	Kengeri	Karnataka	9 - 11 Jun 2017
42.	Koduru	Karnataka	12 - 14 Jun 2017
43.	Puducherry	Puducherry	15 - 16 Jun 2017
44.	Attur	Tamilnadu	17 - 19 Jun 2017
45.	Karur	Tamilnadu	20 - 22 Jun 2017
46.	Kodaikanal Road	Tamilnadu	24 Jun 2017
47.	Virudhunagar	Tamilnadu	25 - 27 Jun 2017
48.	Arumuganeri	Tamilnadu	28 - 30 Jun 2017
49.	Kayankulam	Kerala	1 - 4 Jul 2017
50.	Guruvayur	Kerala	5 - 7 Jul 2017
51.	Kannur	Kerala	8 - 10 Jul 2017
52.	Vasco Da Gama	Goa	11 - 13 Jul 2017
53.	Ratnagiri	Maharashtra	14 - 17 Jul 2017
54.	Mumbai CST	Maharashtra	19 - 22 Jul 2017
55.	Nasik Road	Maharashtra	24 - 26 Jul 2017
56.	Murtajapur	Maharashtra	27 - 29 Jul 2017
57.	Nagpur	Maharashtra	30 Jul - 02 Aug 2017
58.	Amla	MP	3 - 6 Aug 2017
59.	Habibganj	MP	7 - 9 Aug 2017
60.	Bina	MP	10 - 12 Aug 2017
61.	Khajuraho	MP	13 - 14 Aug 2017
(1)	(2)	(3)	(4)
62.	Marwar	Rajasthan	17 - 18 Aug 2017
63.	Balotra	Rajasthan	19 - 21 Aug 2017
64.	Deesa	Gujarat	22 - 24 Aug 2017
65.	Bhuj	Gujarat	25 - 27 Aug 2017
66.	Bhaktinagar	Gujarat	28 - 31 Aug 2017
67.	Gondal	Gujarat	1 - 4 Sep 2017
68.	Gandhinagar Capital	Gujarat	5 - 8 Sep 2017

(c) The exhibition aboard the Science Express-Climate Action Special (SECAS) conveys a strong message about Climate Change, its possible causes, mitigation and adaptation strategies and so on among not only the students and teachers but also the masses. It creates awareness about the burning issues and offers a platform for dialogue & discussion. At each halt of SECAS, activities are planned to engage visitors across different age groups to reinforce its message. An exciting outreach programme is also conducted in local schools along with several engaging activities on the railway platforms. In addition, informative take-away material is made available for wider distribution amongst schools and visitors. SECAS, since its launch in 2015, has been visited by more than 26 lakh people till 31 March 2016. By the end of the ongoing 2<sup>nd</sup> Phase of SECAS on 8 September 2017, this train would have travelled over 39,000kms at 132 halts in about 400 exhibition days.

(d) Plans are afoot to run two more such trains.

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