

## 2.2 (ii) Foreign & Domestic Tours from Mar'2018 to till Date

### i) Tour Details of Director, CRRI from Mar 2018 to Nov 2019

S.No.	Place of Visit	Period of Visit	No. of members in the official delegation
1.	Roorkee	07/03/2018 to 08/03/2018	1
2.	Kolkata	13/03/2018 to 14/03/2018	1.
3.	Roorkee	25/03/2018 to 26/03/2018	1.
4.	Guwahati, Chennai.	03/04/2018 to 06/04/2018	1.
5.	Bhopal	22/04/2018 to 23/04/2018	1.
6.	Thrivandrum	22/05/2019	1.
7.	Roorkee	27/05/2019 to 29/05/2019	1.
8.	Bhubaneshwar	12/06/2018	1.
9.	Mumbai	18/06/2018 to 21/06/2018	1.
10.	Jammu	20/07/2018 to 21/07/2018	1.
11.	Mumbai	31/07/2018 to 01/08/2018	1.
12.	South Africa	24/09/2018 to 30/09/2018	1.
13.	Chennai	21/10/2018 to 23/10/2018	1.
14.	Thrivandrum, Nagpur	06/12/2018 to 09/12/2018	1.
15.	Lucknow	24/01/2019	1.
16.	Lucknow	27/01/2019 to 28/01/2019	1
17.	Jammu	15/02/2019 to 16/02/2019	1.
18.	Rajkot	01/03/2019 to 05/03/2019	1.
19.	Coimbatore	08/03/2019 to 11/03/2019	1.
20.	Kolkata, Dibrugarh	16/04/2019 to 21/04/2019	1.
21.	Kolkata	28/05/2019 to 29/05/2019	1.
22.	Lucknow	31/05/2019 to 01/06/2019	1.
23.	Bangluru, Otti & Comb	12/06/2019 to 16/06/2019	1.
24.	Raipur	30/06/2019 to 01/07/2019	1.
25.	Agartala, Kolkata	11/07/2019 to 14/07/2019	1.
26.	Bangladesh	27/07/2019 to 30/07/2019	1.
27.	Ahmadabad	04/08/2019 to 05/08/2019	1.
28.	Hyderabad	29/08/2019 to 01/09/2019	1.
29.	Kolkata	24/09/2019 to 25/09/2019	1.
30.	Mumbai	17/11/2019 to 18/11/2019	1.

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## ii) Foreign & Domestic Tours of Chief Scientists and Divisional Heads

### I. Domestic Tours

Name & designation of staff	Title of Lecture/Speech	Purpose (conference or otherwise) Give full details	Date
Sh. K. Sitaramanjaneyulu, Chief Scientist	Creating Sustainable Infrastructure	Indian Roads Conference 2018	Oct 24, 2018
	Emerging technologies for faster infrastructure creation & A view on road safety in India: much to do	Infrastructure Conclave - 2018	Oct 05, 2018
	Modern Equipment for Pavement Evaluation and Applications	Long lasting highway pavements by R&B Department, Telangana	Sept 11, 2018
	Maintenance Free Roads	Workshop by West Bengal Housing Infrastructure Development Corporation Ltd. West Bengal	Sept 20, 2018
	Inspection, Repair and Rehabilitation of Pavement	Training program at RV College of Engineering	Jul 25- 27, 018
	Road safety and emerging technologies in roads and highways sector	National Roads and Highways Summit 2018	Jul 05, 2018

Dr. Lakshmy Parameswaran, Chief Scientist	Inspection, Maintenance and Repair of Bridges	One day Seminar on Safety in Construction of Bridges, Varanasi.	Jun 22, 2018
	Wind Analysis of Cable Stayed bridges	Conference and Exhibition on Cable Supported Structures, Buildings and Bridges, New Delhi.	Jul 13, 2018
	Quality Assurance in Steel concrete composite structures	ING-IABSE workshop on Quality Assurance in Bridges & Flyovers- Design & Construction, Guwahati	Mar 09, 2019
Dr R.K. Garg, Chief Scientist	Seismic risk assessment of Bridges	Short Term Course of NITTTR, Chandigarh, on 'Seismic analysis, Design and Retrofitting of Bridges', IIT Bombay Institute of Technology, New Delhi	Feb 19, 2019

Er. G K Sahu, Sr. Pr. Scientist, Head , BAS	Bridge Health Monitoring and Asset Management using Instrumentation	Seminar on 'Emerging Trends in Planning, Design, and Construction of Roads and Bridges' in Gujarat	Feb 07-08, 2019
	Health Monitoring of Bridges through Instrumentation	delivered Expert Lecture at Civil Engineering Department, MN NIT Allahabad .	Sept 20, 2019
Sh. U.K.Guru Vittal, Chief Scientist	Cement and Other Types of Stabilisation"	Southern regional review meeting of NRIDA on at Chennai.	Sep 05, 2018
	Soil Stabilisation Techniques for PMGSY Roads	Northern regional review meeting of NRIDA on at Agra.	Sept 28, 2018
	Local Material Usage and Soil Stabilisation" in the Workshop on New Technologies in PMGSY Road Construction,	Organised by Arunachal Pradesh Rural Roads Development Agency at Tinsukia	Oct 10, 2018.
Dr. Anuradha Shukla	Climate Change Impacts Management (CCIM 2019)"	Keynote speaker at International Conference at Gujarat University at Ahmedabad.	August 05-06, 2019

Dr . P. S. Prasad, Sr. Principal scientist, HoD, GTE	Geosynthetics in infrastructure development	Continuing Education Programme (CEP) organized by Department of Civil Engineering, NIT Warangal as a part of Diamond Jubilee Celebrations of NIT Warangal and it was sponsored by TEQIP - III.	Feb 01, 2019
Dr. Madhu Errampalli, Senior Principal Scientist	Intelligent Transport System (ITS) based Traffic Management for Smart Cities	International Conference Smart Cities - 2019organised by Jamia MilliaIslamia (JMI), New Delhi	Mar16, .2019
	Integrated Multimodal Public Transport Infrastructure - Technologies and Challenges	Multimodal Transportation Conclave - 2019organised by PHD Chamber of Commerce, New Delhi	Mar 24, 2019
	Session on'Transport Infrastructure supporting Environment'Integrated Multimodal Public Transport Infrastructure - Technologies and Challenges	GeoSmart India 2019, New Delhi	Feb 13, 2019

Dr Ravindra Kumar, Principal Scientist, Head, TPE	Vehicular Emission Reduction by Travel Demand Management	Traffic Strategies for Management of Air Pollution over Delhi, NISTAID CSIR	Sep 18, 2018
	Planning for sustainable modes of transportation	Challenges & Advancements in Transport Planning in the Era of Urbanization”	Oct 29- Nov 02, 2018
Manoj Kumar Shukla, Principal Scientist Head, FPD	Draft IRC document presentation on (i) Guidelines for Cement Grouted Bituminous Mixes (CGBM) and (ii) Revision of IRC 105 on Guidelines for Design of DBM and BC Mixes for Airfield pavements	Presentation during Mid Term Council Meeting of IRC in Goa	August 08, 2019
Dr. Pradeep Kumar, Head, PED Division	Meeting with Shri. G. Sudhakarani, Minister for Public Works and Registration, Government of Kerala	for Development of Road Maintenance Management System (RMMS) for Public Works Department Govt. of Kerala	June 19, 2019

## II. Foreign Tours

<b>Name of Scientist &amp; Designation</b>	<b>Country visited</b>	<b>From</b>	<b>To</b>	<b>Purpose</b>
Dr. S.Velmurugan, Sr. Principal Scientist	Dar Es Salaam, Tanzania	13.08.2018	17.08.2018	Faculty Member in International training course on Road Safety Engineering and Audits
Dr. S.Velmurugan, Sr. Principal Scientist	Berlin, Germany	04.10.2018	05.10.2018	To participate in expert workshop in Berlin, Germany for study on Passenger Transport in Transition Economies
Dr. Ch.Ravi Sekhar, Principal Scientist	Washington DC	13.01.2019	17.01.2019	To Present Research work in 98 <sup>th</sup> TRB Annual Meeting
Dr. Ravindra Kumar, Principal Scientist	Dubai	11.02.2019	14.02.2019	To attend The Asian Conference on Science and Technology
Dr. Rakesh Kumar, Sr. Principal Scientist	Kingston University, London, UK	14.07.2019	17.07.2019	5th International Conference on Sustainable Construction Materials and Technologies (SCMT5)
Sh. M. N. Nagabhushana, Sr. Principal Scientist; Sh. P. V. Pradeep, Sr. Principal Scientist;	Roads & Highways Department (RHD) Dhaka, Bangladesh	25.05.2019	27.05.2019	To review existing pavement design guide and preparation of a pavement design manual for Roads &

Dr. G. Bharath, Scientist				Highways Department (RHD)
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### **Participation in Conferences / Workshops during year 2018-2019**

Name & designation of staff	Details of conference/seminar	Venue	Dates
Sh. K. Sitaramanjanyulu, Chief Scientist & Dr. Pradeep Kumar, Sr. Principal Scientist, Head PED	79 <sup>th</sup> Annual session of Indian Road Congress	Nagpur	Nov 22-25, 2018
Sh. U.K.Guru Vittal, Chief scientist	34th M.P. Young Scientist Congress, Organised by M.P Council for Science & Technology	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Feb 28-Mar 1, 2019
Dr. Lakshmy Parameswaran, Chief Scientist	One day Seminar on Safety in Construction of Bridges, Organised by BIS, New Delhi	Varanasi	Jun 22, 2018
Dr. Ravindra Kumar Senior Principal Scientist Head, TPE	Alternate Vehicle Usage Controlling Policies & Their Effect on Vehicular Pollution - Case Study of Delhi	2018 RATE-2018. SVNIT, Surat	Aug 11-12, 2018
Manoj Kumar Shukla, Principal Scientist Head, FPD	Presentation at Technical Session 2 on the Topic Design and Performance Evaluation of Cement Grouted Bituminous Mix for Urban Roads	IRC Nagpur	Nov 22-25, 2018
Dr. Neelam Jain Gupta, Principal Scientist & Head, ILT	79 <sup>th</sup> Annual IRC Session	Nagpur	Nov 22-25, 2018

## Participation in Training Programs/ Short Term Courses during year 2018-2019

Name & designation of staff	Name of Course	Venue	Date
Sh. Anjum Sharma, Controller of Adminstration	Vigilance and Related Matters	HRDC, Ghaziabad	Jan 9-11, 2019
Sh. Anjum Sharma, Controller of Adminstration	Taxation Laws : Direct and Indirect Taxes	HRDC, Ghaziabad	Feb 25 -27, 2019
Dr. Ravindra Kumar, Sr. Principal Scientist, Head, TPE	CSIR-Leadership Development Programme	HRDC Ghaziabad	Feb 16-12, 2019
Sh. Subhash Chand Sr Principal Scientist, Head TES	Customized 5 day Training Program on "Road Safety audit other Engineering spectrs" at Patna	63 RCD engineers were imparted the basic training on RSA	Apr , 2018
Sh. Subhash Chand Sr Principal Scientist, Head TES	Customized 5 day Training Program on "Road Safety audit other Engineering spectrs" at Odisha Works Department (OWD), Bhubaneswar	63 OWD engineers were imparted the basic training on RSA	Oct 2018
U.K.Guru Vittal, Chief Scientist	Training Program on RTI	CSIR- HRDC, Ghaziabad	Apr 5-6, 2018

## Conferences / Seminars attended outside CSIR-CRRI in 2019

No	Name of the staff	Name of the Conference	Venue	Date
1	Sh. Rajeev Kumar Garg, Chief Scientist	International Symposium on Geotechnical Aspects of Heritage Structures (ISGHS)	IIT, Madras	16-18 September 2019

## Trainings attended outside CSIR-CRRI in 2019

S. No.	Name of the staff	Name of the Programme	Venue	Date
1	Sh. PV Pradeep Kumar Senior Principal Scientist Head. PME	Workshop on Effective Science Communication in Digital Age	CSIR-HRDC, Ghaziabad	21-23 August 2019