

**Telecommunication Engineering Centre**

**Conference on M2M/ IoT Enabling Smart Infrastructure**

**January 8<sup>th</sup> 2019, TEC New Delhi**

<b>S No</b>	<b>Time</b>	<b>Programme</b>	<b>Speakers</b>
1	09.30 – 10.00	<b>Registration</b>	
2	10.00 – 11.00	<b>INAUGURAL SESSION</b> Welcoming the Dignitaries Lighting of Lamp Welcome address by Sr.DDG TEC Address by Member (S) Keynote Address by Secretary (T) <b>Release of Technical Reports</b> <b>Exchange of MoU between TEC &amp; CEERI Pilani</b> <b>Award of Technology Approval Certificate to C-DOT</b> Inaugural address by Hon’ble MoSC(IC) Vote of Thanks by DDG (IT) TEC	<b>Chief Guest:</b> Hon’ble Minister of State for Communications (IC) & Minister of State for Railways, Govt. of India
3	11.00 – 11.30	<i>High Tea</i>	
4	11.30 – 11.45	<b>Brief about the M2M / IoT work done in TEC</b>	<b>DDG (IoT) TEC</b>
5	11.45 – 13.15	<b>IoT enabling Smart Verticals - Use Cases &amp; Technologies</b> <ol style="list-style-type: none"> <li>i. Ecosystem for Smart Grid/ Smart metering</li> <li>ii. Embedded SIM ecosystem opportunities, challenges &amp; related use cases</li> <li>iii. Key Communications Technologies for IoT</li> <li>iv. 5G for IoT - 3GPP Technology for the future &amp; related use cases</li> <li>v. LoRaWAN Technology &amp; use cases</li> <li>vi. Use case on Remote health management</li> <li>vii. LoRaWAN global deployment &amp; use cases</li> </ol>	<b>Session Chair: Shri Ravi Kant, Member (S); Moderator: Shri Sushil Kumar, DDG (IoT) TEC</b> <ol style="list-style-type: none"> <li>i. Shri Reji Pillai, ISGF</li> <li>ii. Shri Sharad Arora, Sensorise</li> <li>iii. Shri Rajeev Tyagi, TEC</li> <li>iv. Dr. Vinosh James, Qualcomm</li> <li>v. Shri Kush Mishra, SenRa</li> <li>vi. Shri Alok Mittal, STMicroelectronics</li> <li>vii. Shri Rakesh Trivedi, TCL</li> </ol>
6	13.15 – 13.45	<b>Lunch</b>	

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7	13.45 – 14.45	<b>Smart Cities design and planning with IoT &amp; ICT</b> <ol style="list-style-type: none"> <li>i. Smart Cities need different authors</li> <li>ii. Humanising Change &amp; Cities</li> <li>iii. Smart City design &amp; applications</li> <li>iv. Implementing Smart Cities – the challenges</li> </ol>	<b>Session Chair &amp; Moderator: Shri Sushil Kumar, DDG(IoT) TEC</b> <ol style="list-style-type: none"> <li>i. Sh Bipin Pradeep Kumar, Gaia Smart Cities</li> <li>ii. Ms. Ritu Mohanty, RJB-CPL</li> <li>iii. Shri Ratan Batliboi, RJB-CPL</li> <li>iv. Shri Ravikumar, Bharat Electronics Ltd.</li> </ol>
8	14.45 – 15.45	<b>M2M / IoT Standardization &amp; its role in Smart Cities</b> <ol style="list-style-type: none"> <li>i. Global standardization overview</li> <li>ii. Security by design principles</li> <li>iii. Common Service Layer &amp; OneM2M adoption across the globe</li> <li>iv. Connected vehicle scenario – Standard AIS 140</li> <li>v. M2M/ IoT Challenges and security Concern</li> </ol>	<b>Session Chair &amp; Moderator: Ms. Deepa Tyagi, DDG(FN) TEC</b> <ol style="list-style-type: none"> <li>i. Shri Dinesh Chand Sharma, ETSI</li> <li>ii. Shri Prashant Pandey, STMicroelectronics</li> <li>iii. Shri Aurindam Bhattacharya, C-DOT</li> <li>iv. Shri Alok Sethi, DIMTS</li> <li>v. Ms. Akancha Sehgal, TaiSys</li> </ol>
9	15.45 – 16.00	<i>Tea Break</i>	
10	16:00 – 17.00	<b>Security Challenges and Testing &amp; Certification of Smart devices/ equipment</b> <ol style="list-style-type: none"> <li>i. IoT security challenges - Root of trust, Security &amp; Privacy</li> <li>ii. Security challenges &amp; related standards in IoT domain</li> <li>iii. Industry views</li> <li>iv. Importance of testing &amp; compliance of Smart devices – global scenario</li> </ol>	<b>Session Chair &amp; Moderator: Shri Shakeel Ahmad, DDG (TC), TEC</b> <ol style="list-style-type: none"> <li>i. Shri Amit Rao, Trusted Objects</li> <li>ii. Shri S. K. Sharma, DDG(SN) TEC</li> <li>iii. Shri N K Goyal, TEMA</li> <li>iv. Dr. Lenin Raja</li> </ol>
	17.00 – 17.05	<b>Vote of Thanks : Shri Sharad Trivedi</b>	