ANNEX 3
(*Item* 2.4)
LIST OF EXPERTS NOMINATED

Sl. No.	Title	Working/Study Group No./ Joint Working Groups/ Advisory Groups/ Project Team/ Maintenance Teams/ Joint Task Forces/ Ad-Hoc Groups/ Joint ad-Hoc Groups/ Joint Maintenance Teams	Expert Nominated from India
1	IEC TC 77 Electromagnetic compatibility	WG 13 Generic EMC Standards - Maintenance of IEC 61000-2-5	Mr B Subba Rao
		JWG MU Measurement uncertainty linked to CIS/A	
		AG CAG Chair's Advisory Group (CAG)	
2	IEC SC 77A EMC - Low frequency phenomena	WG 1 Harmonics and other low-frequency disturbances	Mr B Subba Rao
		WG 2 Voltage fluctuations and other low-frequency disturbances	Mr B Subba Rao
		WG 6 Low frequency immunity tests	Mr B Subba Rao
		WG 8 Description of the electromagnetic environment associated with the disturbances presenton electricity supply networks	Mr B Subba Rao
		WG 9 Power Quality measurement methods	Mr B Subba Rao
		PT 61000-3-18 Limits- Assessment of network characteristics for the application of harmonic emission limits for equipment to be connected to LV distribution systems not currently covered by IEC 61000-3-2 and/or 61000-3-12	
		TC 8/JWG 12 Requirements for measurements used to control DER and loads Managed by TC 8	
		CISPR/CIS/H/JWG 6 Introduction of requirements in the frequency range 9 kHz – 150 kHz Managed by CIS/H	
3	IEC SC 77B High frequency phenomena	WG 10 Radiated and conducted continuous phenomena immunity tests	Mr B Subba Rao
		MT 12 Transient phenomena immunity tests	
		JTF REV Joint Task Force CISPR/A/SC77B on Reverberation chambers linked to CIS/A	Mr B Subba Rao

		JTF TEM Joint Task Force CISPR/A/SC77B on TEM Waveguides linked to CIS/A	Mr B Subba Rao
	IEC SC 77C High power transient phenomena	PT 61000-5-6 IEC 61000-5-6	
		MT 61000-2-9 Electromagnetic compatibility (EMC) - Part 2: Environment - Section 9: Description of HEMP environment - Radiated disturbance. Basic EMC publication	
		MT 61000-2-10 Electromagnetic compatibility (EMC) - Part 2-10: Environment-Description of the HEMP environment - Conducted disturbance - Edition 2.0	
		MT 61000-4-23 Electromagnetic compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances	
		MT 61000-4-24 Electromagnetic compatibility (EMC) - Part 4-24: Testing and measurement techniques - Test methods for protective devices for HEMP conducted disturbance	
		MT 61000-4-36 Electromagnetic compatibility (EMC) - Part 4-36: Testing and measurement techniques - IEMI immunity test methods for equipment and systems	
		MT 61000--5-6 Electromagnetic compatibility (EMC) - Part 5-6: Installation and mitigation guidelines - Mitigation of external EM influences	
4	CISPR International special committee on radio interference	WG 4 Impact of 'increased number of devices' on EMC and radio protection	
		AG CIS/S Steering Committee	
5	CIS/A Radio-interference measurements and statistical methods	WG 1 EMC instrumentation specifications	
		WG 2 EMC measurement techniques, statistical methods and uncertainty	

		JWG 9 Rapid emission check of installations linked to CIS/B, CIS/H	
		TC 77/JWG MU Measurement uncertainty Managed by TC 77	
		CISPR/CIS/D/JWG A-SITE-VAL Joint Task Force between CISPR/D and CISPR/A - Chamber validation methods Managed by CIS/D	
		ahG 2 < 30 MHz test methods and uncertainty	
		ahG 7 Measurement instrumentation in 18 GHz-40 GHz range	
		ahG 8 Measurement method and uncertainty in 18 GHz-40 GHz range	
		JTF JTFA/I Joint Task Force between CISPR/A and CISPR/I linked to CIS/I	
		JTF REV Joint Task Force CISPR/A/SC77B on Reverberation chambers Managed by SC 77B	Mr B Subba Rao
		JTF TEM Joint Task Force CISPR/A/SC77B on TEM Waveguides Managed by SC 77B	Mr B Subba Rao
		JAHG 6 EUT cable arrangement and cable terminations linked to CIS/I, CIS/F, CIS/B, CIS/H	
6	CIS/B Interference relating to industrial, scientific and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electric traction	WG 1 Industrial, scientific and medical (I.S.M.) radio frequency apparatus	Mr Manish Kumar Singh
		WG 2 Interference from overhead power lines, high-voltage equipment and electric traction	
		WG 7 ISM equipment - Measurements in situ and measurements of large size/high power equipment	
		CISPR/CIS/A/JWG 9 Rapid emission check of installations Managed by CIS/A	
		ahG 3 Semiconductor Power Converters	
		ahG 4 WPT (Wireless Power Transfer)	
		JAHG 6 EUT cable arrangement and cable terminations Managed by CIS/A	
7	CIS/D Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices	WG 1 Protection of receivers used in buildings, along the roadside, or in outdoor areas	
		WG 2 Protection of on-board and adjacent vehicle receivers	
		JWG A-SITE-VAL Joint Task Force between CISPR/D and CISPR/A - Chamber	

		validation methods linked to CIS/A	
8	CIS/F Interference relating to household appliances, tools, lighting equipment and similar apparatus	WG 1 Household appliances incorporating electric motors and contact devices	
		WG 2 Lighting equipment	
		JAHG 6 EUT cable arrangement and cable terminations Managed by CIS/A	
9	CIS/H Limits for the protection of radio services	WG 1 Maintenance of the generic emission standards	
		WG 8 Limit validation, modelling and statistics of complaints	
		JWG 6 Introduction of requirements in the frequency range 9 kHz – 150 kHz linked to SC 77A	
		CISPR/CIS/A/JWG 9 Rapid emission check of installations Managed by CIS/A	
		ahG 9 Development of a model and proposal of limits for the frequency range above 6 GHz	
		ahG 10 Maintenance of the Radio Services Database	
		JAHG 6 EUT cable arrangement and cable terminations Managed by CIS/A	
10	IEC CIS/I Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers	MT 7 Maintenance of CISPR 32	
		MT 8 Maintenance of CISPR 35	
		JTF JTFA/I Joint Task Force between CISPR/A and CISPR/I Managed by CIS/A	
		JAHG 6 EUT cable arrangement and cable terminations Managed by CIS/A	
11	IEC TC 106 Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure	WG 8 Addressing methods for assessment of contact current related to human exposures to electric, magnetic and electromagnetic fields	Mr S.K. Dubey Ms Bhoomika Gaur
		WG 9 Addressing methods for assessment of Wireless Power Transfer (WPT) related to human exposures to electric, magnetic and electromagnetic fields	Mr S.K. Dubey Ms Bhoomika Gaur Mr Nitin Jain
		MT 2 Maintenance of IEC 61786	
		MT 3 Maintenance Team for RF exposure assessment methods of base stations (IEC 62232 and IEC TR 62669)	
		MT 62226-3-1 Maintenance of IEC 62226-3-1	
		MT 62233 Maintenance of IEC 62233	
		MT 62311 Maintenance of IEC 62311	
		JWG 11 Computational Methods to assess the power density in close proximity	Ms Bhoomika Gaur

		to the head and body linked to IEEE	
		JWG 12 Measurement Methods to assess the power density in close proximity to the head and body linked to IEEE	Ms Bhoomika Gaur
		JWG 62209-5 JWG PAS 62209-5: Methods for validation of SAR measurement systems for hand-held and body-mounted wireless communication devices linked to IEEE	
		JWG 63184 Human exposure to electric and magnetic fields from wireless power transfer systems linked to IEEE	
		JWG 63480 Assessment of Human Exposure to Electromagnetic Fields from Radiative Wireless Power Transfer Systems: Measurement and Computational Methods (Frequency Range of 30 MHz to 300 GHz) linked to IEEE	
		AG 15 Editing Support Group	
		JMT 14 Maintenance of IEC/IEEE 62209-1528 linked to IEEE	Ms Bhoomika Gaur
		JMT 62209-3 Maintenance of IEC 62209-3: "Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)" linked to IEEE	
		JMT 62704-1 Maintenance of IEC/IEEE 62704-1: “Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 1: General requirements for using the finite difference time-domain (FDTD) method for SAR calculations” linked to IEEE	
		JMT 62704-2 Maintenance of IEC/IEEE 62704-2: “Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas” linked to IEEE	

		JMT 62704-3 Maintenance of IEC/IEEE 62704-3: “Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 3: Specific requirements for using the finite difference time domain (FDTD) method for SAR calculations of mobile phones" linked to IEEE linked to IEEE	
		JMT 62704-4 Maintenance of IEC/IEEE 62704-4: "Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communication devices, 30 MHz to 6 GHz - Part 4: General requirements for using the finite element method for SAR calculations" linked to IEEE	