

F.No. SER/CELL TOWER/2012
Government of India
Department of Science & Technology
Science & Engineering Research Board

Technology Bhawan,
New Mehrauli Road,
New Delhi - 1100 16.
Dated : 04th September, 2013

Office Memorandum

Subj.: Constitution of an Expert Committee/Task Force to evaluate R&D Proposals to study the Possible Impact of EMF Radiation Exposure From Mobile Towers and Handsets On Life (Humans, Living Organism, Flora & Fauna & Environment) and Related R&D Initiatives.

Science & Engineering Research Board (SERB), an autonomous body under Ministry of Science & Technology and Department of Telecommunication (DoT) has jointly called for proposals for scientific investigations on radiation hazards and risk potentials from Mobile Towers and Handsets on Life (humans, living organisms, flora & fauna and environment) and related R&D initiatives'.

2. The SERB has decided to constitute an Committee to evaluate proposals under the special initiative of country wide special scientific studies in the area of Engineering and Life form risk assessment and also commissioning a National Initiative projects on Next Generation Technologies for environmentally benign solutions for wireless and mobile communication with multiple groups investigating the phenomena. The Composition, Terms of Reference and Tenure of the Expert Committee are as follows :-

Composition of the Committee :-

SL. NO.	NAME, DESIGNATION, INSTITUTE ADDRESS	COMMITTEE
1.	Dr. C.S. Bhaskaran President National Academy of Medical Sciences Ansari Nagar, Ring Road, New Delhi-110029, Delhi	Chairman
2.	Prof. Surendra Prasad Department of Electrical Engineering IIT Delhi, Hauz Khas, New Delhi-110016	Member
3.	Prof. Juzer Vasi Department of Electronics, IIT Bombay, Mumbai, Maharashtra	Member
4.	Prof. Ashish Suri Department of Neurosurgery All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110 029, Delhi	Member
5.	Prof. Sneha Anand Head, Centre for Biomedical Engineering, Indian Institute of Technology, Hauz khas, New Delhi-110016	Member

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6.	Dr. S.K. Sharma Professor & Head Department of Medicine All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110 029, Delhi	Member
7.	Dr. G.K. Rath Professor Department of Oncology All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110 029, Delhi	Member
8.	Dr. V.V. Ramamurthy Principal Scientist Division of Entomology Indian Agricultural Research Institute Pusa, New Delhi-110012, Delhi	Member
9.	Dr. Rajeeva Karandikar Director Chennai Mathematical Institute H1, SIPCOT IT Park, Siruseri Kelambakkam-603103	Member
10.	Dr. Asad Rahmani Director Bombay Natural History Society (BNHS) Hornbill House, Opp. Lion Gate Shaheed Bhagat Singh Road Mumbai-400 001, Maharashtra	Member
11.	Prof. Jitenra Behari School of Environmental Sciences Jawahar Lal Nehru University New Delhi-1100 67, Delhi	Member
12.	Dr. K.S. Pradeepkumar Head, Radiation Safety System Division, Department of Atomic Energy, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085, Maharashtra	Member
13.	Dr. J.R. Bandekar Head, Radiation Biology and Health Sciences Division, Department of Atomic Energy, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085, Maharashtra	Member
14.	Representative of CSIR New Delhi, Delhi	Member
15.	Representative of Ministry of Agriculture New Delhi, Delhi	Member
16.	Dr. Mohd. Aslam Director Department of Biotechnology Ministry of Science & Technology New Delhi-110003. Delhi.	Member

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17.	Sh. Anjani Kumar Director Ministry of Environment and Forests 8th Floor, Jeevan Prakash Building, 25, Kasturba Gandhi Marg, New Delhi-110 001, Delhi	Member
18.	Sh. Rajkumar Upadhyay Advisor (Tech. Dev.) Telecom Regulatory Authority of India Mahanagar Doorsanchar Bhawan Jawahar Lal Nehru Marg (Old Minto Road) New Delhi-1100 02, Delhi	Member
19.	Dr. R.S. Sharma Scientist-F & DDG(SG) Division of Reproductive Health & Nutrition Indian Council of Medical Research V. Ramalingaswami Bhawan Ansari Nagar, New Delhi-110029, Delhi	Member
20.	Mr. P.K. Panigrahi Sr. DDG (BW) Department of Telecommunication Room No.1105, Sanchar Bhawan 20, Ashoka Road, New Delhi-110 001, Delhi	Member
21.	Mr. Rakesh Kumar Bhatnagar Advisor (T) Department of Telecommunication Room No.301, Sanchar Bhawan 20, Ashoka Road, New Delhi-110 001, Delhi	Member
22.	Mr. S.S. Kohli Scientist Department of Science & Technology SERC, Technology Bhavan, New Mehrauli Road, New Delhi-110 016, Delhi	Member Secretary

Terms of Reference :

The specific terms of reference are :

1. To identify priority areas for commissioning a National Initiative on Next Generation Technologies for environmentally benign solution for wireless and mobile communication, gaps to be filled and the plan of action for future.
2. To initiate country wide special scientific studies in collaboration with other departments of the ministry, ICMR, MoEF and DoT in the area of Engineering and Life form risk assessment.
3. Peer, Review and assessment for project Selection and funding and support through SERB approved procedures and mechanisms.
4. To monitor progress of the projects/programmes through Monitoring Workshops/ meetings etc., and assess their impact.

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5. The Committee may meet two/three times a year to consider new proposals and may organise at least one Monitoring Workshop/Review Meeting in a year to review the progress on the ongoing projects/programmes. Monitoring mechanism will also include the assessment of data/observations in the development of suitable norms.
6. To define bench marks for efficiency and emission norms for communication.
7. The Committee may co-opt any other member, if required.
8. Any other relevant activity to promote R&D in the discipline.

Tenure of the Committee

The tenure of the Committee will be three years from the date of issue of the Office Memorandum. However, they may continue till further orders.

TA/DA

The Members of the Committee will be eligible to TA/DA as admissible under rules in force from time to time in connection with SERB meeting and work.

Sudip Kumar Kohli

(S.S. Kohli)
Scientist-F

To,

All concerned.

Copy to :-

1. PPS to Secretary, DST.
2. PPS to Secretary, SERB.
3. PPS to Secretary, DoT.
4. Sh. R.K. Bhatnagar, Adviser(T), DoT.
5. Sh. P.K. Panigrahi, Sr. DDG(BW), DoT.