



ENVIRONMENTAL
RESEARCH
FOUNDATION

ERAF/SBM/GoaWS

Date: 09.08.2018

To,

Shri S.S. Hussain, IAS (R)

CEO, MCHI,

Maker Bhavan II, 4th Floor, 18, Sir Vithaldas Thakersey Marg,

New Marine Lines, Mumbai - 400 020

Sub: Invitation to nominate officials to participate in the '3-Day Interactive Workshop on the Swachh Bharat Mission' from 27th to 29th September 2018 at Goa.

Dear Sir,

Greetings from ERAF!!

ERAF – Environmental Research Foundation (ERAF) is a non-profit entity, registered under Section-8 of the Companies Act 2013. It has been set up by a group of professionals – an eminent Water expert, Life Scientist with long experience of working on environment issues under the umbrella of the IIT Bombay, Environment Scientist, and Engineer with long experience in Power Sector, Social Scientist with experience in Participatory Planning and Management tools, Transaction Advisory Expert with vast experience in financial modeling and tender and agreement process management and expert in the field of Information Technology and Business Analysis. ERAF also has the advisory support of eminent researchers and practitioners in environment management and Municipal Governance. It is working in tandem with the government, city managers, citizen groups, scientists, and technology providers and also corporate houses to channelize their support to make our cities, towns and villages more livable.

Towards this end, ERAF is planning a series of training workshops at national and state level with support from the NITI Aayog of the Government of India, the National Environmental Engineering and Research Institute (NEERI) and Sulabh International. The first such workshop, focused on **Swachh Bharat Mission**, is being organized in **Goa** from **27th-29th Sept.'18** in collaboration with the National Academy of Human Resources Development (NAHRD) and Sulabh International.

The National Academy of Human Resource Development (NAHRD) was established to deliver competency-enhancing learning to officials of Central Govt., State Govt., Public Sector Undertakings, Autonomous Bodies, Banks, Insurance Companies, etc. They have organized large number of workshops in the past, which have been very well attended and appreciated by officials of various organizations across the country.

The object of this workshop is to benefit the officials of Local Bodies, Departments of State and Central Government, Pollution Control Boards, other government bodies such as Railways and

Port Trusts, Technological Solution Providers and other interested stakeholders, to build their capacity in implementing the mandate of Swachha Bharat Mission. The program has been designed, keeping in view the mandatory requirements stipulated under the Solid Waste Management Rules, 2016 notified on 8.4.2016 by the Ministry of Environment & Forests, Government of India.

The faculty of the workshop will comprise of eminent speakers from the area of Environment Management like -

Dr. Rakesh Kumar is presently the Director, CSIR-NEERI with a vast experience in the field of Environmental Engineering. He has done his doctorate and M.Tech in Environmental Engineering (IITB), he is also a certified Lead Auditor for ISO 14001 (EARA-UK), RAB-USA. His research specialization is in development of appropriate technology for environmental quality improvement encompassing the field of air pollution, particularly vehicle pollution, hazardous waste management, wastewater treatment and disposal. Dr. Kumar has given a notable contribution in developing technologies for reuse and recycle of domestic and industrial wastewater, which brought a paradigm shift in the country. He has been awarded nationally and internationally for his work on Phytoremediation technology and has many publications in international journals to his credential. He has undertaken several projects and has many patents and copyrights to his name.

Dr. Krishna Lala is currently a Sr. Project Manager in MHRD sponsored e-Yantra Project at the Department of Computer Science and Engineering, IIT Bombay. She holds a Ph.D. in Life Sciences. She is also highly accomplished trainer and consultant with versatile experience in the field of waste water treatment and solid waste management (SWM). She has been associated with the SWM Cell established by the Government of Maharashtra in 2002 which was instrumental in the capacity building of the ULBs in Maharashtra, and in planning the implementation of the MSWM Rules 2000, in tandem with the State Government. She has worked at some of the leading institutions such as Harvard Medical School, USA, National Research Council of Canada, Ottawa and NEERI in India and has several publications in both, international and national journals.

Dr. Ketna Atul Matkar is an expert trainer on Solid Waste Management, Food Waste Management and a Consultant - Environment Microbiologist with a vast experience in corporate, academics, independent project management and research. She holds a PhD in Microbiology (DAVV) and PG Diploma in Sustainable Environment Management (SIES-IEM), Auditor-Integrated Management System (MSME) and is also trained in Integrated Solid Waste Management (MMRDA), Municipal Solid Waste Management in Developing Countries (EAWAG-Switzerland), Politics and Economics of International Energy (Sciences PO-Paris) and Energy Future (University of California). She has expertise in Statistical Designing and Optimization (DOE-SSA). Her specific areas of Interest are Solid Waste Management, Food Waste Management, Renewable Energy from solid agro-waste and R & D based projects related to the fermentation, enzymology, EMS-food waste.

Dr. Lalit Kumar is presently the Hony. Senior Vice President at Sulabh International Social Service Organization. Previously, as Advor Planning he dealt with policy issues in the Voluntary Sector. He has looked after secotrs like Environment & Forests, Project Appraisal and Management, Social Development and Youth Affairs & Sports in different capacities. Niti Aayog invited him as an expert to contribute for drafting the '15 year Vision Document', acknowledged in the 'Three Years Action Agenda (2017 – 20)'. He has served as Secretary, National Foundation for Communal Harmony, Ministry of Home Affairs, Government of India. Dr. Lalit Kumar holds a Ph.D. in Anthropology, M.Sc. in Economics, has conducted Post Doctoral Research at the University of Arizaona, USA and the Newberry Library, Chicago, USA and research as Senior Philanthropy Fellow at the John Hopkins University, USA. He has published two books and more than 50 papers in national and international journals.

Dr. Sunil Kumar is presently the Senior Scientist, Solid and Hazardous Waste Management Division at CSIR-NEERI, Nagpur, India. He holds a Ph.D. in Environmental Engineering and an M.Tech. in Environmental Engineering and Management. His primary area of expertise is solid waste management, however his contributions cover a wide range of environmental topics including contaminated sites, waste water treatment and air pollution. He has published 96 journals, more than 15 books and book chapters and numerous project reports for various government bodies and private institutions nationally and internationally – the US-EPA, Indo-Swiss Project (DST-SNSF), Hitachi Zosen and ARCADIS of USA. Dr. Kumar is Member of several prestigious oraganizations such as the Biotechnology Research Society of Inida, International Society for Energy Environment and Sustainability, National Steering Committee for Waste Sector, GoI, the Institution of Engineers and ISWA Working Group on Energy from Waste.

After the workshop the participants shall have updated themselves in the following aspects: -

- Objectives of the Swachh Bharat Mission – ODF and ODF plus
- Issues and challenges in the implementation of Swachha Bharat Mission
- Provisions & Procedures under the Waste Management Rules, 2016 and their amendments of 2018
- Roles & functions of various officials in implementing SBM and Waste Management Rules, 2016,
- Legal framework of the Constitution of India and Municipal laws as regards SWM and Sanitation
- Technology options for recycling, processing and disposal of liquid and solid wastes
- Examples and Good practices in santation and waste management
- Preparation of project plan for implementation of the SBM and Waste Management Rules, 2016,
- IEC strategy to engage with the stakeholders.

This workshop will include a site-visit to Vengurla Municipal Council, an example of successful implementation of the Swachh Bharat Mission.

We request you to kindly nominate representatives from your organization to participate in this interactive workshop on the Swachh Bharat Mission. The nominations may kindly be sent to info@erafindia.org or rohit@nahrd.in by providing participants' name, designation, contact number & e-mail ID alongwith cheque/DD in favor of National Academy of Human Resource Development payable at New Delhi in the registration form provided on the link below.

Registration form <http://www.nahrd.in/upcoming-workshops>

[WORKSHOP ON SWACHH BHARAT MISSION

Date: 27.09.2018 to 29.09.2018; Venue: Goa].

Participation Fee: The participation fee covers the cost of lodging, boarding, meals & study material and site visit.

- **Single Occupancy** –Rs. 35,000/- plus GST @ 18% per participant
- **Twin Sharing*** –Rs. 30,000/- plus GST @ 18% per participant
**Twin Sharing is available only for organizations nominating even number of participants of same gender.*
- **Spouse/ Family members** are welcome on additional all inclusive nominal charges. Nomination on single occupancy is mandatory in case any participant wants to bring his/her spouse/ family members.

Venue: PHOENIX PARK INN RESORT, CANDOLIM, GOA.

Check In- 27.09.2018 (02:00 PM) Check Out- 30.09.2018 (11:00 AM)

The workshop will commence at 3:30 P.M. on 27.09.2018 and will conclude at 6:00 P.M. on 29.09.2018. Please note that participation fee is to be paid at the time of nomination.

Bank: HDFC Bank Ltd.

A/c No. 13582020002980. CA.

IFSC Code. HDFC0001358

PAN: AAJFN7963N

GSTIN: 07AAJFN7963N1ZF.

In order to make the sessions more productive, we request our participants to kindly share the problems and hurdles faced by them in the implementation of the SBM and the Waste Management Rules, 2016. You are requested to share your experiences and/or concerns with us at info@erafindia.org by 31st August 2018.

For further information or clarification kindly contact:

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Thanking you,
Yours sincerely

Poornima (Gupta) Shah
Managing Director