

**10th Training Programme on
“Science, Technology and Emerging Trends in Governance”
(February 08-12, 2021)**

**Programme Coordinators
Prof. Vinod K. Sharma
Dr. Shyamli Singh**

Sponsored by



**Department of Science and Technology
Government of India
New Delhi**



**Conducted By
Indian Institute of Public Administration,
New Delhi**

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Introduction

The Indian Institute of Public Administration (IIPA), a premiere Institute involved in training, research and consultancy to enhance the leadership and managerial capabilities of executives in government, public sector enterprises and other public organizations has been organizing this One Week Training Programme entitled “Science, Technology and Emerging Trends in Governance” for Scientists and Technologists since 2012. The Programme is sponsored by the Department of Science and Technology, Government of India.

The Indian Institute of Public Administration extends a warm and hearty welcome to all distinguished scientist and technologists participating in this training programme.

Back Ground

The concept of Governance has emerged as the key term in contemporary times. Having wider implications, the process of governance has been made citizen centric as the needs and aspirations of the common citizens have undergone a rapid change over the years. Now, the stress is on governance reforms for improved and desired policy outcomes.

India has an elaborate legal framework and institutional structures underpinned by the Constitution of India which articulates the vision of a welfare state and by implication, provide for creation of a citizen centric governance structure. So, the governance process has to be reoriented with application of science and technology so that the gap between the governed and the governance gets reduced and the benefits of governance reach to the citizens’ doorstep. Moreover, the role of Scientists and Technologists has been redefined in recent time in terms of crucial role in shaping the public policies in India.

Objectives

The programme has been structured and specially devised keeping in mind the needs and requirements of Scientists and Technologists as per the latest sweeping changes in recent times. It aims to provide an in-depth analysis of the complex process of governance, involvement of various institutions and the civil society. The participants can comprehend the various issues and challenges of good governance which will enable them to strategize their role in ensuring good governance.

In brief, the objectives are to facilitate the participants to:

- Get a comprehensive understanding of the concept of governance and its importance in contemporary times, especially in the background of Reforms in various sectors.
- Comprehend the complex process of interface of science and technology and governance.

- Acquire necessary skills for facing the challenges posed by sweeping changes in governance.
- Appreciate the process of making governance citizen centric in recent years like “less government, more governance”.
- Envision the role of scientists and technologists in strengthening governance and democratic fiber of the country.

Modules

- i) The concept of ‘Governance’: Tracking its evolution & contemporary positions
- ii) Emerging trends in governance: Citizen-centric administration, governance and the changing dynamics of interface between them, “less Government, more Governance”
- iii) Social Capital, Trust and Participative public service delivery
- iv) Promoting science Diplomacy, Research and Development and Innovation etc.
- v) Few best practices: Detailed analysis of various initiatives, and others where science and technology has played a key role in improving governance.

Methodology

The knowledge, information and skill will be imparted through a mix of conceptual and interactive sessions, presentations, field visit, sharing of experiences with eminent personalities closely associated with the process of governance and science and technology.

Dates and Venue

The Programme will commence on **Monday, February 08, 2021 at 10.00 am** and conclude on **Friday, February 12, 2021**.

Duration

Two Weeks (The programme will be conducted virtually at WEBEX Platform).

Webex Meeting link:

<https://iipa.webex.com/iipa/j.php?MTID=m84a8db91e90b55bab3fcb095c4076cd9>

Meeting number (access code): 126 214 9221

Meeting password: DST@2021

Aim

To enable the Scientists and Technologists in acquiring skills, knowledge, techniques and attitudes to face the contemporary and future challenges.

Target Group

All Level Scientists and Technologists working in various research institutions, academic institutions of Government of India.

Certificate

A certificate of completion will be awarded to the participants at the end of the programme.

List of Participants

Sl. No.	Name of the Participants	Sl. No.	Name of the Participants
1.	Dr. Shalini Dhyani Sr. Scientist National Environmental Engineering Research Institute Nehru Marg, Nagpur 440020 Maharashtra	2.	Ms. Komal Kalawapudi Technical Officer CSIR- National Environmental Engineering Research Institute NEERI, Research & Innovation Centre, 89B, Dr. A.B. Road, Near Worli Flyover, Worli, Mumbai- Mob.8655535445 Email- kj_kalawapudi@neeri.res.in
3.	Dr. S. Venkata Mohan Sr. Principal Scientist CSIR-Indian Institute of Chemical Technology, Uppal Road, Tarnaka Hyderabad-500 607 Email- svmohan@iict.res.in	4.	Dr. B.L.A. Prabhavathi Devi Sr. Principal Scientist CSIR-Indian Institute of Chemical Technology, Uppal Road, Tarnaka Hyderabad-500 607 Email- prabhavathi@iict.res.in
5.	Mr. Tushar Vaish DSS Survey of India, Nidhi Bhawan, Assam & Nagaland GDC, Surveyor General of India, Guwahati, Assam Mob.9002580908 Email-tusharv.soi@gov.in	6.	Dr. Sandeep Ghatak Principal Scientist Division of Animal Health ICAR Research Complex for NEH Region, Umiam, Meghalaya 793103 Mob. 9436380401 Email- ghataksnd@rediffmail.com
7.	Mr. Krishna Chaitanyam Sci/Eng. SE National Remote Sensing Centre (NRSC) Indian Space Research Organisation (ISRO), Dept of Space, Govt. of India Hyderabad	8.	Mr. Someswara Rao G Sci/Eng. SF National Remote Sensing Centre (NRSC) Indian Space Research Organisation (ISRO), Dept of Space, Govt. of India Hyderabad Mob. 9948150262 Email- someshwararao_g@nrs.gov.in
9.	Dr. Naresh Kasoju Scientist-C (Applied Biology) Div. of Tissue Culture, Dept. of Applied Biology, Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, (An Institution of National Importance, Dept. of Science & Technology, Govt. of India), Trivandrum - 695 012, Kerala Mob.7981760739 Email- naresh.kasoju@sctimst.ac.in	10.	Dr. K. G. V. Siva Kumar, Metallurgist, Engineer 'D', Artificial Internal Organs, Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, An Institution of National Importance, Department of Science and Technology, Govt. of India Trivandrum, Kerala Mob.9731288033 Email- sivakumar@sctimst.ac.in

11.	Dr. Shiny Velayudhan, Scientist-D, Department of Biomaterial Science and Technology, Biomedical Technology wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum - 695 012, Kerala Mob.8547357351 Email- shiny@sctimst.ac.in	12.	Ms. Leena Joseph Engineer F, Biomedical Technology Wing- Poojappura, Sree Chitra Tirunal Institute for Medical Sciences & Technology, (An Institute of National Importance, Dept of Science and Technology, Govt. of India) Trivandrum - 695 012, Kerala Mob. 9446055533 Email- leenaj@sctimst.ac.in
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15.	Dr. Subhadip Neogi Senior Scientist, Inorganic Materials & Catalysis Division, CSIR-Central Salt & Marine Chemicals Research Institute, Bhavnagar-364002, Gujarat, India Mob.7567261428 Email- sneogi@csmcri.res.in	16.	Dr. B. Nisar Ahamed, Scientist AESD & CIF, CSIR- Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat Mob.6359393636 Email-bnisar@csmcri.res.in
17.	Dr. S. Senthil Vinayagam Principal Scientist & Head, ESM Division (I/c), ICAR - National Academy of Agricultural Research Management, Rajendranagar: Hyderabad - 500 030, Telangana Mob. 9666113756 Email: senthil@naarm.org.in, ssvinay1@rediffmail.com	18.	Thiru N. Srinivasa Rao Scientific Officer Govt. of Puducherry Department of Science Technology and Environment, Puducherry Council for Science and Technology, III Floor PHB Building, Anna Nagar, Puducherry Mob. 9952404599 Email-sodste.py@govi.in
19.	Mr. Vikas Shende Principal Scientist M.P. Council of Science & Technology Vigyan Bhawan, Nehru Nagar, Bhopal (MP) Email- shende.v@gmail.com	20.	Dr. P.K. Diggahra Sr. Principal Scientist M.P. Council of Science & Technology Vigyan Bhawan, Nehru Nagar, Bhopal (MP) Mob.9425392894 Email- pkdiggahara@mpcost.nic.in

21.	Dr. Elavarasi A MD (AIIMS), DM Neurology (AIIMS) Assistant Professor, Department of Neurology All India Institute of Medical Sciences (AIIMS), New Delhi 110029, Mob. 9013844274 Email- arun_ela@yahoo.com	22.	Dr. Khilendra Singh Kanwal Scientist –D GB Pant Institute of Himalayan Environment & Development Kosi-Katarmal, Almora, Uttarakhand Mob.9650200833 Email-kskanwal@gbpihed.nic.in , kskanwal03@gmail.com
23.	Mr. Dinesh Ganvir Principal Scientist & Head Rigid Pavement Division CSIR -Central Road Research Institute, New Delhi M-09873311086 Email- dineshvganvir@gmail.com	24.	Dr. Sanchita Biswas Scientist (ARS Discipline: Agricultural Structures and Process Engineering) Mechanical Processing Division ICAR-National Institute of Natural Fibre Engineering & Technology, 12, Regent Park, Kolkata -700 040. Mobile: 09434858382/7477852424 E-mail: sanchita.biswas@icar.gov.in
25.	Dr. P. Raja Principal Scientist ICAR-Indian Institute of Soil and Water Conservation (IISWC), Research Centre, Theetu Kal, Fern Hill P.O. Udthagamandalam, T.N Mobile: 91-8875197316; 89036 87316; E.mail: pajaicariiswc@gmail.com rajacazri@gmail.com	26.	Er. Manish Verma Senior Research Officer Technical National Institute for the Empowerment of Persons with Visual Disabilities, 116, Rajpur Rd, Jakhan, Dehradun, Uttarakhand 248001 Mob. 9837339902 Email- srotnivh@gmail.com
27.	Dr. Sunita Nayak, MD Assistant Professor, Department of Anatomy, All India Institute of Medical Sciences (AIIMS), Patna, Bihar, Pin: 801507 Mob. 9438135735 email: nayakdrsunita@gmail.com	28.	Dr. Suman Sharma, Assistant Professor Department of Chemistry & Biochemistry, College of Basic Sciences, CSKHPKV, Palampur. Mob. 7018929723 Email- sumansharma92@rediffmail.com
29.	Dr. Shobhit Kr. Singh Scientist-C Plant Physiology & Breeding Dept. Tocklai Tea Research Institute, Tea Research Association, Cinnamara, Jorhat-785008 Mob.9064292549 Email: shobhitra@gmail.com	30.	Dr. Amit P. Parikh Scientist 'F' Dept. of Biotechnology 6th-8th floor, block No. 2 CGO Complex, Lodhi Road, New Delhi-110003. Mob. 9810315260 Email- amit.parikh@nic.in

31.	<p>Dr. Gandharva Nagpal Scientist 'C' Dept. of Biotechnology 6th-8th floor, block No. 2 CGO Complex, Lodhi Road, New Delhi-110003 Mob. 9888257669 Email-gandharva.nagpal@dbt.nic.in</p>	32.	<p>Ms. Anita Rani Joint Director National Accreditation Board for Testing and Calibration Laboratories Plot No. 45, Sector 44 Gurugram – 122003</p>
33.	<p>Ms. Malancho Das Deputy Director National Accreditation Board for Testing and Calibration Laboratories Plot No. 45, Sector 44 Gurugram – 122003</p>		

WORK SCHEDULE

Day/Date	Time	Topic	Faculty
Monday 08-02-2021	10.00-10.30	Registration	Vinod K. Sharma Shyamli Singh
	10.30-11.20	Inauguration	S. N. Tripathi Director General , IIPA Vinod K. Sharma Shyamli Singh
	11.30-13.00	Science and Technology and Sustainable Development Goals	C. K. Varshney
	14.30-16.15	Group Work	Vinod K. Sharma Shyamli Singh
Tuesday 09-02-2021	10.00-11.45	Climate Governance : International Climate Negotiations	Shyamli Singh
	11.50-13.30	Science and Technology and DRR	Vinod K. Sharma
	14.30-16.15	Trends in Global and Indian Economy	Geethanjali Nataraj
Wednesday 10-02-2021	10.00-11.45	Application of GIS & Remote Sensing in Natural Recourse	J.K. Garg
	11.50-13.30	Digital Transformation in Governance	Charu Malhotra
	14.30-16.15	STIP-2020	Akhilesh Gupta
Thursday 11-02-2021	10.00-11.45	Role of IMD in Climate Change Governance	K. J. Ramesh
	11.50-13.30	Data Analytics for the Scientists/Technologists	Roma M. Debnath
	14.30-16.15	Community Participation in Natural Resource Management	S. P. Mittal
Friday 12-02-2021	10.00-13.30	Presentation by Participants	Dr. Nisha Mendiratta Adviser/ Scientist 'G' DST Vinod K. Sharma Shyamli Singh
	14.30-16.15	Feedback & Valediction	S. N. Tripathi Director General , IIPA Vinod K. Sharma Shyamli Singh

Tea/Coffee Break: 11:45- 11:50, Lunch Break: 13:30 – 14:30

GUEST FACULTY

S. No.	Faculty	S. No.	Faculty
1.	Dr. Akhilesh Gupta Scientist –G & Head TDT Additional Secretary Department of Science & Technology New Mehrauli Road New Delhi Mob. 9810422249 Email- akhilesh.g@nic.in	2.	Prof. C. K. Varshney Former Dean JNU, Professor Emeritus (JNU), and Distinguished Adjunct Professor (AIT, Bangkok) Mob. 9818547904, Email: ckvarshney@hotmail.com
3.	Dr. S. P. Mittal Principal Scientist Mob: 9999001666 Email: mittalsp26@gmail.com	4.	Prof. J K Garg GGSSIP University, Delhi Mob. 9313583845 Email- jkgarg@indiatimes.com
5.	Prof. Geethanjali Natraj Former Professor IIPA Director (Research and Policy) Services Export Promotion Council (SEPC) , Set up by Ministry of Commerce and Industry, Government of India, New Delhi Mob. 9999484354 Email- geethanjali_n@yahoo.com	6.	Dr. K. J. Ramesh Former Director General India Meteorological Department Mausam Bhawan Lodhi Road, New Delhi-110003 Mob.9873543380 Email- kjramesh2607@gmail.com

IIPA Faculty:

1. **Shri S. N. Tripathi, Director General, IIPA**
2. **Prof. Prof. Vinod K. Sharma, Programme Coordinator**
3. **Dr. Shyamli Singh, Programme Coordinator**
4. **Dr. Charru Malhotra, Associate Professor**
5. **Dr. Roma M. Debnath, Associate Professor**

PROGRAMME STAFF

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