



**asci**  
Leadership through Learning

**ADMINISTRATIVE STAFF COLLEGE OF INDIA**

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**Prof. G. Bala Subramanyam**

June 25, 2019

**Prof. V. Srinivas Chary**

Programme Directors

**Training Programme on**

**DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND  
FAECAL WASTE TREATMENT PLANT - STP & FSTP**

**(September 23 - 25, 2019)**

Dear Sir/Madam,

Sub: Three day residential training programme on “**Design and Operational Aspects of Sewage and Faecal Waste Treatment Plant STP & FSTP**” from September 23 -25, 2019 at ASCI, Hyderabad

The Administrative Staff College of India, Hyderabad is pleased to announce a three day programme on “Design and Operational Aspects of Sewage and Faecal Waste Treatment Plant - STP & FSTP” from **September 23 - 25, 2019**. The programme is mainly aimed to enhance the capacity building of senior and middle level officers and engineers of Urban Local Bodies, Central and State Pollution Control Board, Central and State Urban Departments, NRCD, Urban Sector Professionals, Project Managers and EIA Consultants. The programme brochure and nomination form are herewith attached with a request you to consider to nominate few officers from your organization.

We look forward to receive your confirmation at the earliest.

With Regards

**(G. Bala Subramanyam)**

**(V. Srinivas Chary)**

Encl : Programme Brochure along with Nomination form

Training Programme on  
**DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND  
FAECAL WASTE TREATMENT PLANT – STP & FSTP**

September 23 – 25, 2019

**Administrative Staff College of India**  
Hyderabad, Telangana

## Programme Overview:

The estimated sewage generation from Class I cities and Class II towns (as per 2001 census) is 29129 MLD, which is expected to be 33212 MLD at present assuming 30% decadal growth in urban population. Existing STPs are having a cumulative capacity to treat the waste water to the extent of 6190 MLD; while another 1743 MLD capacity is being added. Thus, the existing treatment capacity is just 18.6 % of present sewage generation and another 5.2 % capacity is being added. However, the actual capacity utilisation of STPs is only 72.2% and as such only 13.5 % of the sewage is treated. This clearly indicates dismal position of sewage treatment, which is the main cause of pollution of rivers and lakes. To improve the water quality of rivers and lakes, there is an urgent need to increase sewage treatment capacity and its optimum utilisation (<http://cpcb.nic.in/status-of-stps/Updated on: 12 Sep 2017>). Central and State Governments are spending huge amounts in CAPEX and OPEX for construction and operation of STPs. Apart from ULBs, the industrial townships are mandated to establish decentralized STPs for treating the sewage generated and to comply the provisions of the consent order under the provisions of Water (P&CP) Act, 1974 as amended.

Also, recognising the fact that the penetration of sewerage network is very less and in order to handle the “Septage” generated from the septic tanks, which is highly polluted in terms of BOD, COD, TSS & pathogens, Government of India launched National Policy on “Faecal Sludge and Septage Management, 2017”. Many State Governments launched policies and programmes for handling the septage in a scientific way by establishing co-treatment of septage with sewage or stand alone Faecal Sludge Treatment Plants (FSTPs).

There is a need for developing capacity building in the areas of planning and operations of STPs and FSTPs. In this context Administrative Staff College of India is organising a three day training programme on “Design and Operational Aspects of Sewage and Faecal Waste Treatment Plants – STP & FSTP”.

## Objectives of the Programme:

- ▶ To enhance the knowledge on policies, programs and impacts due to waste water and need for the treatment and to plan for resource recovery
- ▶ To understand the functions and operational aspects of Primary Treatment, Secondary Treatment and Tertiary Treatment and planning for STP and FSTP
- ▶ To enhance the knowledge on operation, maintenance and post project monitoring

## Programme Structure:

- ▶ Sewage & septage characteristics and its impact on the environment
- ▶ Critical parameters for planning the STP and FSTP
- ▶ Functions of different Unit Operations
- ▶ Technology options
- ▶ Operational aspects
- ▶ Reviewing the DPRs for adequacy
- ▶ Post project monitoring
- ▶ Field visit

## Resource Persons

Experts from ASCI, scientific organisations and practicing managers will share the concepts and their experiences.

## Participant Profile

The programme is primarily aimed for senior and middle level officers, engineers and scientists of Urban Local Bodies, Central and State Pollution Control Board, Central and State Urban Departments, NRCO, Urban Sector Professionals, Project Managers and EIA Consultants.

## ***Organisational sponsoring is essential***

## Venue

ASCI provides a unique learning environment in the form of comfortable classrooms, well equipped library and computer center, comfortable single occupancy, air conditioned accommodation and beautiful green campus. However, the College does not provide accommodation for the family. Transport between Airport / Railway Station and venue will be arranged by the college. The College is WiFi enabled in comprehensive way.

## Duration

The programme duration is from **September 23 - 25, 2019**. The participants are expected to arrive a day before the commencement and may leave after the conclusion of the programme.

## Programme Fee

**Residential Fee: Rs. 37,500/-** (US \$700 for foreigners) plus GST as applicable, presently 18% per participant. The fee covers tuition, board and lodging, courseware (in electronic form) and other facilities of the College including internet usage.

**Non-Residential Fee: Rs.31,500/-** plus GST as applicable, presently 18% per participant. The fee covers tuition, board and lodging, course ware (in electronic form) working lunch and other facilities of the College including internet usage.

A discount of 10% on the Programme fee for three or more participants from the same organisation will be given, provided the payment is credited in to our Bank account before **September 20, 2019**. Bank details are given below:

**Note:** Kindly forward us the details of Bank/Wire transfer of fee payment indicating the **Programme Code (Prg/19-20/1/8)** to **e-mail: [poffice@asci.org.in](mailto:poffice@asci.org.in)** for confirmation.

## For Indian Participants :

Bank Account No. 62090698675  
Beneficiary Name Administrative Staff College of India  
IFSC Code SBIN0020063  
Bank Name State Bank of India  
Branch Address Bellavista Branch, Raj Bhavan Road,  
Somajiguda, Hyderabad - 500 082

## For Foreign Participants:

Bank Account No. 62090698960  
Beneficiary Name Administrative Staff College of India  
Swift Code SBININBBH04  
Bank Name State Bank of India  
Branch Address Bellavista Branch, Rajbhavan Road,  
Somajiguda, Hyderabad - 500 082.  
Nostro Account 6550992180  
(Optional)

## Medical Insurance

The nominees are requested to carry with them the proof of Medical Insurance. The Sponsoring agency is required to endorsed the nominee's medical coverage in the event of hospitalisation.

## Last Date For Nomination

Please use the prescribed/attached form. Last date is **September 13, 2019**. Kindly contact Programmes Officer for further details (contact details are given at the end of the nomination form).

## Last Date For Withdrawal

**September 13, 2019**. Any withdrawals after this date would entail forfeiture of fee paid, if any.

## ASCI Alumni Association

Participants of College programmes will automatically become members of ASCI Alumni Association.

## Certificate of Participation

The College issues a Certificate of Participation on conclusion of the Programme.

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## Programme Directors

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**Prof. G. Bala Subramanyam**  
[gbs@asci.org.in](mailto:gbs@asci.org.in)

**Prof. V. Srinivas Chary**  
[schary@asci.org.in](mailto:schary@asci.org.in)

# ASCI Management Development Programmes for 2019-20

## MANAGEMENT DEVELOPMENT PROGRAMMES

High Impact Public Relations Strategies and Case Studies Programme for Young Managers	May 13, 2019 Jul 22, 2019 Jul 24, 2019	May 15, 2019 Jul 26, 2019 Jul 26, 2019
Leadership through Self-Discovery	Jul 24, 2019	Jul 26, 2019
Advanced Management Programme: Building Competencies for Leading Strategic Change (Study Tour: EU)	Aug 12, 2019 Sep 08, 2019	Aug 23, 2019 Sep 23, 2019
Competition Policy and Law for Executives and Senior Managers	Aug 19, 2019	Aug 21, 2019
MDP for Women Executives	Sep 09, 2019 Sep 16, 2019	Sep 13, 2019 Sep 18, 2019
Impactful Public Relations through Effective Social Media Engagement	Sep 16, 2019	Sep 20, 2019
Leadership Skills Development	Dec 09, 2019	Dec 11, 2019
Enhancing Brand Image through Effective Media Relations	Feb 24, 2020	Feb 26, 2020

## ECONOMICS & FINANCE\*

Data Driven Decision Making	Jul 15, 2019	Jul 19, 2019
Financial Systems, Management and Accountability in Government	Sep 23, 2019	Sep 27, 2019
Green Finance for Sustainable Growth	Dec 02, 2019	Dec 06, 2019

## ENERGY

Regulating Electricity Tariffs and Related Issues	Sep 16, 2019	Sep 20, 2019
Renewable Energy Regulation	Jan 20, 2020	Jan 22, 2020
Smart Grid Technology and Its Application in Power Sector	Feb 24, 2020	Feb 26, 2020

## ENVIRONMENT

Design and Operational Aspects of STP and FSTP	Jun 10, 2019	Jun 12, 2019
SDGs and Climate Change: Opportunities and Challenges of Adaptation and Mitigation	Jul 15, 2019	Jul 17, 2019
Environmental Impact Assessment for Projects	Aug 05, 2019	Aug 07, 2019
Environmental Impact Assessments for Ports and Harbours	Nov 18, 2019	Nov 20, 2019
Climate Change Adaptation and Disaster Risk Reduction	Dec 02, 2019	Dec 04, 2019

## HEALTHCARE MANAGEMENT

Certificate Course in Hospital Infection Prevention and Control for Public Health Facilities	Aug 07, 2019	Aug 09, 2019
Certificate Course in Healthcare Quality Management Development Programme on Health Care and Hospital Administration	Nov 06, 2019 Dec 02, 2019	Nov 08, 2019 Dec 04, 2019

## HUMAN RESOURCE DEVELOPMENT

Enhancing Managerial Effectiveness	Jun 24, 2019	Jun 26, 2019
Enhancing Performance and Well-being through Leadership	Jul 08, 2019	Jul 10, 2019
Enhancing Leadership Capabilities for Achieving Excellence in Branch Performance in Banks	Aug 05, 2019	Aug 09, 2019
Ethics and Values in Administration	Aug 26, 2019	Aug 28, 2019
Psychology of Influence and Persuasion	Sep 16, 2019	Sep 18, 2019
Enhancing Leadership Capabilities to Manage the Transformation in Banking and Financial Services (Study Tour: Singapore and Hong Kong)	Sep 23, 2019	Oct 02, 2019
HR Audit & Analytics	Oct 14, 2019	Oct 16, 2019
Leading with Emotional Intelligence	Oct 14, 2019	Oct 18, 2019
Enhancing Leadership Capabilities to Manage the Growth in Financial Markets (Study Tour: Singapore and Hong Kong)	Nov 11, 2019	Nov 20, 2019
Improving Work Culture	Nov 18, 2019	Nov 20, 2019
Ensuring Health Care Quality: Risk Management and Innovation	Nov 20, 2019	Nov 22, 2019
Conflict Management and Negotiation Skills	Dec 09, 2019	Dec 11, 2019
Effective Trade Union Management	Dec 16, 2019	Dec 20, 2019
Empowering to Change: Programme for Young Women Professionals	Jan 06, 2020	Jan 08, 2020
Sustainable Development Goals and Gender Budgeting	Jan 20, 2020	Jan 22, 2020
Building and Leading Effective Teams	Feb 03, 2020	Feb 07, 2020
Strategic Human Resource Management (Study Tour: Malaysia & Singapore)	Feb 03, 2020 Feb 08, 2020	Feb 07, 2020 Feb 14, 2020
Happiness and Well-being	Feb 03, 2020	Feb 05, 2020
Decision Making for Effective Leadership	Feb 24, 2020	Feb 28, 2020

## INFORMATION TECHNOLOGY

Credit Risk Analytics using R	Jul 24, 2019	Jul 26, 2019
e-Procurement	Jul 24, 2019	Jul 26, 2019
Leveraging Big Data and Analytics	Aug 19, 2019	Aug 23, 2019
Leveraging Artificial Intelligence and Machine Learning for Business Outcomes	Nov 18, 2019	Nov 20, 2019
Credit Risk Analytics using Python	Feb 03, 2020	Feb 05, 2020

## INNOVATION AND TECHNOLOGY

Research Excellence in Organisations	Aug 05, 2019	Aug 07, 2019
Managing Strategic Innovation	Nov 25, 2019	Nov 27, 2019
Strategic R&D Management	Dec 09, 2019	Dec 11, 2019

## LAND ACQUISITION, RESETTLEMENT AND REHABILITATION

Land Acquisition: Addressing Implementation Issues in Social Impact Assessment & Recognition of Forest Rights	Apr 01, 2019	Apr 05, 2019
ASCI-NRCR Joint Certification Course on Improved Management of Land Acquisition, Resettlement and Rehabilitation (LARR)	Apr 15, 2019	Apr 28, 2019
High Impact CSR - Need Assessment to Impact Evaluation	Jul 15, 2019	Jul 19, 2019
Effective Land Acquisition, Resettlement & Rehabilitation (LARR)	Oct 14, 2019	Oct 18, 2019
Index Based Crop Insurance - Concepts, Design and Implementation	Jan 20, 2020	Jan 22, 2020
ASCI-NRCR International Training Course on Improved Management of LARR	Feb 10, 2020	Feb 25, 2020

## MANAGERIAL COMMUNICATION

Individual Excellence for Organisational Effectiveness	Nov 25, 2019	Nov 29, 2019
Communication Skills for Managers	Jan 27, 2020	Jan 31, 2020
Managing Creativity & Innovation	Mar 11, 2020	Mar 13, 2020

## MARKETING

Customer-Centric Brand Management	Oct 03, 2019	Oct 05, 2019
High Impact Sales Management	Dec 09, 2019	Dec 13, 2019
Creating Social Value through Corporate Social Responsibility	Jan 20, 2020	Jan 22, 2020

## OPERATIONS

Procurement Procedures for The World Bank Aided Projects	Jul 15, 2019	Jul 26, 2019
Inventory Management	Jul 29, 2019	Jul 31, 2019
Project and Contract Management	Aug 26, 2019	Aug 30, 2019
Procurement Procedures for The World Bank Aided Projects	Nov 11, 2019	Nov 22, 2019
Materials and Supply Chain Management	Dec 02, 2019	Dec 06, 2019
Project and Contract Management	Jan 06, 2020	Jan 10, 2020
Procurement Procedures for The World Bank Aided Projects	Feb 10, 2020	Feb 21, 2020

## PUBLIC POLICY GOVERNANCE AND PERFORMANCE

Achieving the Sustainable Development Goals – The Way Ahead	Aug 19, 2019	Aug 23, 2019
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## POVERTY STUDIES AND RURAL DEVELOPMENT

Dynamics of Lending Agriculture and Allied Businesses for Bankers	Nov 18, 2019	Nov 22, 2019
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## STRATEGIC MANAGEMENT

Developing Strategic Mindset for Functional Managers	Jul 22, 2019	Jul 26, 2019
Creating Progressive Boards	Sep 16, 2019	Sep 18, 2019
Driving Performance through Transformational Leadership	Feb 17, 2020	Feb 21, 2020

## URBAN GOVERNANCE

Integrated Municipal Solid Waste Management	Apr 22, 2019	Apr 24, 2019
Zero Waste – Decentralised Solid Waste Management	Jun 24, 2019	Jun 26, 2019
Public Private Partnership in Urban Infrastructure and Service Delivery	Aug 26, 2019	Aug 28, 2019
International Certification Programme on Change Management for Achieving Continuous Water Supply for All in Urban Areas (Study Tour : Jerusalem & Tel Aviv)	Nov 21, 2019 Nov 23, 2019	Nov 22, 2019 Nov 30, 2019
Faecal Sludge Septage Management (FSM)	Jan 22, 2020	Jan 22, 2020
Achieving Universal Urban Sanitation	Mar 02, 2020	Mar 04, 2020



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Bella Vista, Raj Bhavan Road, Khairatabad,  
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Phone : 0091-40-66534247  
Fax : 0091-40-66534356

**Delhi Campus**  
C-24, Institutional Area  
South of IIT, Behind Qutub Hotel  
New Delhi-110 016.  
Tel: 011-26962204, 26961750, 26961850

**Nomination Form**

**Training Programme on**

**DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND  
FAECAL WASTE TREATMENT PLANT - STP & FSTP**

**(June 10 - 12, 2019)**

**Nominee's Contact Information :**

Name (Mr/Ms) :	_____	Date of Birth :	_____
Designation :	_____	Qualification :	_____
Organisation :	_____		
Address :	_____		
Phone(s) :	(Off) : _____	(Mobile) :	_____
		Home :	_____
e-mail :	_____	Fax :	_____

**Sponsor's Details**

Name of the Sponsoring Authority _____	Designation _____
Organisation :	_____
GSTIN :	_____
Address :	_____
	Pincode : _____
Phone(s) :	(Off) : _____ (Mobile) : _____
e-mail :	_____ Fax : _____

**Fee Particulars**

Amount Payable :	Mode of Payment (DD/Chq/NEFT) :
Name of the Bank :	Date of Instrument/Transfer :
Instrument Number :	UTR Number for NEFT :

**Medical Insurance**

Name of the Insurance Agency	Policy Number	Validity upto

**Note :** Coverage should be available in Hyderabad, India

Signature and Official Seal of the Sponsoring Authority :

NOTE : Forward nomination form to : **Mr. G. Srinivas Yadav, Programmes Officer**, Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone : 0091-40-66534247, 66533000, Mobile: 9246203535, Fax : 0091-40-66534356, e-mail: poffice@asci.org.in