



Engineers Development Council

B-11C, Inderprastha, TiilaShahbajpur, Loni, Ghaziabad, Uttar Pradesh Pin 201102
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Date 2nd July, 2018

By E Mail

“Study Tour on Study Tour of Smart and Sustainable Cities (Stockholm, Cologne and Barcelona)

Dear Sir/Madam,

Engineers Development Council (EDC), (Established by Labor Department, Government of Uttar Pradesh) serves as apex body and representative of the various segments of Indian Industry with the mandate to provide thrust to organized infrastructural development of the nation.

It gives me great pleasure to inform you that we have conducted many training programs for construction professionals, which are generally technical in nature. We are now planning to conduct a specialized program on “Smart and sustainable cities (Stockholm, Cologne and Barcelona)”. This program has been specially designed for the executives & decision makers who are serving in local, State & Central Govt and the corporate sector. As you are aware that India is fast becoming a focal point for the world as a business & sports destination and there is need for providing international level facilities not only in Tier-I cities but also other cities which have great potential to develop into international business centers.

The development of Smart cities would provide better job opportunities for the working class, better living conditions for the family, better recreational and amusement facilities. In short a better life style for the citizen. With a view to provide ideas, concepts and exposure to the decision makers, EDC is planning to organize a Study Tour of the proposed cities as their infrastructure is considered as one among the best in the world. Date 16th–24th September, 2018 (09 days). Course Fee per Participant INR 4,58,000/- (Four lakh Fifty Eight thousand rupees) +GST 18 %, (Detail Enclosed).

A brief note about the program is enclosed for your reference. May I request you to convey your willingness to participate in this program, and also the nomination of the other officers from your organization, who may like to participate.

Thanking You,

For Engineers Development Council

Anil Kumar Aggarwal
(Director General)

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Enclose: Theme Note, Registration Form & Program/Itinerary Details

REGISTRATION FORM

“Study Tour of Smart and Sustainable Cities (Stockholm, Cologne and Barcelona)”

Date:- 16th September , 2018 to 24th September , 2018

Name : _____

Designation : _____

Organization/Department: _____

Office Address : _____

City :- _____ Pin _____ State _____

Residence Address : _____

City :- _____ Pin _____ State _____

Telephone : (Off) _____ (Res) _____

Fax : _____ Mob No.: _____ E-mail : _____

Registration Fee

S No.	Description	Charges (INR) Per Head
1.	Registration	96,000.00
2.	Hotel accommodation (Based on the stay period of 9 nights) & AI-1 Air Fare (Economy class) (New Delhi Stockholm, Cologne and Barcelona –New Delhi).	2,96,000.00
3.	Add On for Business Class Air Fare	On request 1,30,000.00, (Extra Charge)
4.	Administrative Charges	66,000.00
5.	Total INR (Four Lakh Fifty Eight Thousand Rupees Only)+ GST	4,58,000.00

Enclosed herewith demand draft for a Sum of Rs. _____ demand draft No. _____
_____ Dated _____ drawn in favor of “Engineers Development Council” payable at New Delhi.

Please Send the payment in advance or before commencement of the Program.

Date: _____

Signature _____

(Photocopies of the form may be used for more delegates)

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Itinerary

“Study Tour of Smart and Sustainable Cities (Stockholm, Cologne and Barcelona)”

Date: 16th September, 2018 to 24th September 2018

S.No	Day	Activity
1	Day 1	Meet up at airport and take flight from Delhi to Stockholm
2	Day 2	Arrival at Stockholm and take rest
3	Day 3	Visit Municipal council (Stockholm)
4	Day 4	Visit Swedish International Development Coop Agency (SIDA)
6	Day 5	Departure in night from Stockholm and arrive in Germany
7	Day 6	Visit Hohenzollernbrücke Bridge
8	Day 7	Visit Germany “Trade and Invest” GmbH
9	Day 7	Departure in night from Germany for Spain.
10	Day 8	Arrival in Spain and Visit Barcelona innovation district
11	Day 8	Visit to Ajuntament de Badalona, Badalona city council.
12	Day 8	Departure in night from Spain for India
13	Day 9	Arrival in Delhi , and dispersal

Note :---There can be some changes in the Itinerary due to circumstances beyond our control



Program Theme Note

Study Tour of Smart and Sustainable Cities (Stockholm, Cologne and Barcelona)



The Indian government has undertaken concrete steps for making smart cities a reality with the recent announcement of 98 aspirants. These smart cities will compete with one another to come up with

holistic plans for becoming model cities. The government has incorporated sustainability as one of the key components of smart cities. With the increasing frequency of natural disasters, abnormal weather patterns and the looming threat of global warming, the concept of a smart city must be merged with sustainability for the welfare of people and our planet as a whole. The marriage of innovation with technology will go a long way in optimising the management of infrastructure and resources and, at the same time, focusing on inclusiveness and a greener environment. Smart sustainable cities will lay the foundations for a better future—a future where cities care for people, the earth, air, water and the environment.

Cities are indispensable to nations—they are hubs of economic growth and innovation and are cultural melting pots. They usually have unique characteristics and a cultural identity, as well as present a multitude of options for business, employment, leisure, entertainment, healthcare and education. Given these attributes, cities attract people from rural regions seeking opportunities for employment, education and a better lifestyle. Hence, cities have been witnessing the mega trends of population explosion, a growing middle-class population and urbanisation. By the year 2050, approximately 70% of the global population is projected to live in cities. India, too, is experiencing these trends, with an exponential growth in urban population owing to the promise of more employment and entrepreneurial opportunities and good quality of life.

Apart from advantages, urbanisation also brings with it certain challenges. Many Indian cities are plagued with various environmental, social and economic issues such as resource scarcity, congestion, pollution, poverty, lack of affordable housing, proliferation of informal dwelling, as well as sewerage and sanitation problems.



In fact, urbanisation is placing an environmental load on natural resources as cities account for 60–80% of energy consumption across the globe and for more than 70% of worldwide carbon dioxide emissions. In order to provide better living conditions for existing and future generations, cities need to be improved by adopting the smart route and at the same time focusing on the sustainability aspect.

Sustainable cities (SC) can be understood as resilient cities that can more readily adapt to, mitigate, and promote economic, social, and environmental change. Sustainable development encompasses all aspects of a city's healthy development and should be done with a triple objective in mind - addressing economic/financial, social, and environmental issues.

Study tour focusses on the following

Institutional infrastructure

- E-governance and citizen services

Physical infrastructure

- Smart energy management
- Smart water management
- Smart waste management
- Urban mobility
- Smart communications
- Smart environment
- Smart spaces
- Smart surveillance

Social infrastructure

- Smart health care
- Smart education
- Recreation: arts, sports, entertainment

Economic infrastructure

- Incubators, skill development centres, specialised business parks, hubs, etc

Economic progress

- Competitive economy
- Employment growth and opportunity
- Affordable housing
- Governance

Environmental stewardship

- Climate change mitigation and adaptation
- Water, waste and energy management
- Green buildings
- Sustainable transport
- Water quality and air quality
- Natural resource management, including biodiversity and green cover

Social development

- Social inclusion, stakeholder engagement and participation
- Human rights
- Sanitation, public health and safety

Study tour participants :-- Bureaucrats, Engineers, Executives, Finance officers, Decision makers, Urban planners, architects and landscape architects, representatives of cultural organizations, and elected officials. These professionals will visit a range of projects and gain insight through meetings with city officials, site visits to ongoing projects, and meetings with community leaders. Tour focuses on cities in transition and the rehabilitation of run-down neighborhoods in Stockholm, Cologne and Barcelona.

The site visits are planned to give firsthand experience of the facilities providing services to the cities.

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