

**Sigma 6 Q Model** represents  
innovation in technology to  
nurture quality in the following  
areas in order to foster a  
**sustainable way of life:**

- ❖ Renewable energy for industrial development, Nation's progress and a better quality of life
- ❖ Monitoring and control of quality of air and water for a healthy life
- ❖ Quality inclusive education
- ❖ Quality healthcare accessible to all
- ❖ Technological interventions for a healthy and inclusive growth in Agriculture and Dairying sectors
- ❖ Inculcation of Human Values in the life style



## R10-HTC - 2016

IEEE Region 10 Humanitarian Technology Conference (R10-HTC-2016) is the premier annual cross disciplinary conference that will provide a common platform for technologists, engineers, scientists, investors, representatives from NGOs, governments, academia and the industry to discuss recent advances in Humanitarian Technologies to foster a sustainable way of life.

### Scope and Topics

#### Energy

New trends and technologies in renewable energy systems, smart micro-grids, smart grids and renewable energy integration

#### Environment System

Environmental systems management, particulate matter and its role in health & climate, air & water Pollution, regulation and remediation, sustainable eco-habitats, waste management, environmental informatics, disaster risk and reduction management, robotics for disaster Applications

#### Education System

Information & Communication Technology (ICT) in educational management, inclusive education, pedagogy, open and distance learning, vocational education

#### Healthcare

Biomedical and healthcare technologies, telemedicine

#### Agriculture & Dairying

Precision agriculture, controlled environment farming, post harvest technology, dairy and dairy products

#### Smart Villages

ICT for smart villages, eco villages, intelligent transportation systems, smart vehicles

#### Women Empowerment

Technologies for women empowerment and security

## IEEE REGION 10 Humanitarian Technology Conference



December 21-23, 2016



**Sigma 6Q**  
**& Smart Villages**

**SIGMA 6 Q**  
*making sustainability*  
*a way of life*

### Host Institution

Dayalbagh Educational Institute  
(Deemed University)  
Dayalbagh, Agra  
INDIA



## Important Dates

### Last date for paper submission

July 30, 2016

(Link opens on May 30, 2016 on the conference website)

### Notification of paper acceptance

September 30, 2016

### Last date for camera-ready paper

October 15, 2016

### Conference

December 21-23, 2016

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# IEEE R10 - HTC - 2016



*Sigma 6Q : making sustainability a way of life*

## DAYALBAGH EDUCATIONAL INSTITUTE

The Dayalbagh Educational Institute is located amidst the tranquil environs of Dayalbagh, a self-contained colony renowned for its serene environment and secular establishments, in which its inhabitants lead an active, disciplined and co-operative community life dedicated to service, conforming to the high spiritual ideals of their faith. On the outskirts of the historic city of Agra, the campus is situated in garden settings, away from the din and noise of the city. Nestled between lush green fields, it provides an excellent ambience and academic setting which is in harmony with nature. This, along with a simple, disciplined and principled life propelled by Sigma6Q model, undoubtedly contributes to the strength of the social, moral and spiritual fiber of the institute's educational system.



## AGRA

Agra—the city of the inimitable Taj Mahal—has a heritage and culture that dates back to the Mughal era. Situated on the banks of the river Yamuna, it is home to several world famous Heritage monuments which include the Taj Mahal, Red Fort, Itmad-ud-Daulah and the tomb of Emperor Akbar at Sikandra. The city of Fatehpur Sikri (a UNESCO World Heritage City) is situated 45 kms from Agra. Agra is also famous for its leather goods, handicrafts, zari, zardozi, marble and stone carving, and inlay work. Situated three and a half hour's by road from New Delhi, it is well connected by rail (major stations being Agra Cantt., Agra Fort and Raja Ki Mandi (nearest to Dayalbagh). The weather in Agra in December end is cool (Max. temp. 15°C, Min. temp. 5°C).

