

# Hannover Technical Training Program 2018

## Post event summary



Organiser



Sponsored



Supporting Association

### Program Overview

Institute of sanitary engineering & waste management (ISAH) & International office from Gottfried Wilhelm Leibniz Universität Hannover (LUH) jointly organised a two week Technical Training Program from 18th June - 2nd July, 2018. The program was organised for 14 students and 1 faculty member as part of Memorandum of Understanding (MOU) with Anna University, Chennai. Members of Indian association Hannover (IASH) actively supported the organisation of HTTP.



Opening Day of Hannover Technical Training Program

#### Training subjects

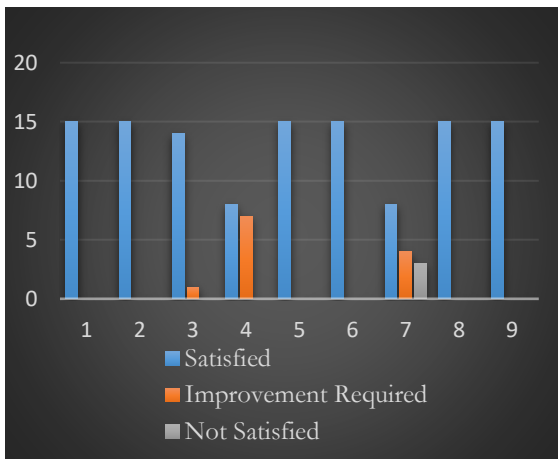
- ❖ Sanitary Engineering
- ❖ Water Resources & Environmental Management
- ❖ Sustainable Urban Development
- ❖ Renewable Energy
- ❖ Geo-informatics combined with visit to scientific research laboratories and industrial sites in Hannover & Berlin
- ❖ Intercultural training
- ❖ Education opportunities and life in Germany
- ❖ Visits to German museum's, historical places and sites of cultural importance

### Evaluation of HTTP

Thanks to the high commitment of all involved facilitators of the training program, the training has received an overall positive feedback. All 15 participants rated **the training sessions** as satisfactory with respect to lecturer, lecture content and duration. Dr. Regina Nogueira's lecture was the most appraised session followed by Dr. Weichgrebe's interactive group tasks and Mr. Reinhard Martinsen's session on Sustainable urban development at Kronsberg. Orientation session in the beginning of training helped students understand the technical flow of the training well. Dr. Bala Ramani's session on educational opportunities and life in Germany was a major highlight for students as they showcased interest to study in German universities. Improvements are suggested by students for the lecture presented by Dr. Raphael Niepelt on solar energy potential as the course content seemed complex to understand— a consequence of the diversity of backgrounds. Similarly, the lecture on GIS by Monika Sester was perceived as theoretical due to unavailability of faculty. They have also been particularly pleased with the **Intercultural training** delivered by Dr. Partha Dabake and Leibniz University Tour offered by Kunal Kushwaha was informative and well appreciated by students. The International Yoga celebration was regarded as a very

beneficial component of the program. For **Industrial Visits**, all 15 students rated the side visits as satisfactory. The Wave Canal Institute and Herrenhausen Waste water plant received special attention from participants and they were impressed by the knowledge and expertise of facilitators during the visit. It is suggestive that training program can include more interactive sessions with German students as it would give them a different perspective of thinking and analysing issues. Considering the very nature of training program, the time of training seemed short to students, therefore, students emphasised that more students from Anna University should be given such a opportunity and such programs should be continued in future.

Overall, the feedback shows that this training has been quite balanced and has fulfilled most expectations of participants. All fifteen participants have successfully completed HTTP and therefore have been awarded a Certificate on the last day.



**Training Session's feedback from participants**



**Students participating in the Art & music festival in Hannover**



**International Yoga Day presided by consulate general of Hamburg on 21<sup>st</sup> June**

The details of participants and organising committee are attached in Annexure 1.1 and detailed agenda of the HTTP in Annexure 1.2.

## Annexure 1

Organising Committee Members			
1	Dr. Bala Ramani	Coordination India/South Asia International Office, LUH	bala.ramani@zuv.uni-hannover.de
2	PD Dr.-Ing. habil. Dirk Weichgrebe	Prof. Dr. Dirk Weichgrebe Division head: Waste Management, Mass Flow Analyses and Anaerobic Technologies Institute for Sanitary Engineering and Waste Management (ISAH), LUH	weichgrebe@isah.uni-hannover.de
3	Shivali Sugandh	Guest Researcher, Institute for Sanitary Engineering and Waste Management (ISAH), LUH	ssugand.shivi@gmail.com
4	Ankur Saini	Student Volunteer	
5	Kunal Kushwaha	Student Volunteer	
6	Sebastian Hirth	Student Volunteer	



## Annexure 1.2: Program Schedule

<p><b>Mon, 18<sup>th</sup> June</b> <b>Arrival in Germany</b></p> <p><b>10:55- Arriving Airport : Berlin Tegel (TXL), 13405 Berlin (Picked by Dr. Manoj)</b> <b>14:00 – Flix bus transfer from Berlin to Hannover</b> <b>17:15 - Arrival in Hannover Hauptbahnhof</b> <b>18:00 – Check- in Gästeresidenz Pelikan Viertel Pelikanstraße 11, 30177 Hannover</b> Coordinator: Kunal Kushwaha</p>	<p><b>Friday, 22<sup>nd</sup> June</b> <b>Training</b></p> <p><b>10:00- 12:00 Lecture by Prof. Dr. Dirk Weichgrebe</b> <b>13:00- 15:00 Group task</b> Venue: Institute of Sanitary Engineering and waste management , Appelstrasse 9a, 30167 Hannover MZ Gebäude 3408, Room 523</p>	<p><b>Tues, 26<sup>th</sup> June</b> <b>Industry Visit</b></p> <p><b>09:15 - Meet at Pelikan str. Station</b> <b>10:00 – 11:30 Visit to Incineration Plant by Mr. Ralf Meyer (Christopher Speier)</b> Venue: EEW Energy from Waste Hannover GmbH, Moorwaldweg 310, 30659 Hannover <b>14:00- 15:30 Lecture by Prof. Dr. Dirk Weichgrebe</b> Venue: ISAH Conference Room, Main Building Leibniz Universität Hannover Welfengarten 1 30167 Hannover Coordinator : Christopher Speier</p>	<p><b>Saturday, 30<sup>th</sup> June</b> <b>Cultural Visit</b></p> <p><b>11:00 -12:00 Sightseeing Tour of Berlin (optional)</b> <b>12:00 onwards Free time</b></p> <p>Coordinator : Shivali Sugandh</p>
<p><b>Tues, 19<sup>th</sup> June</b> <b>Opening Day</b></p> <p><b>08:05 – Meet at hotel lobby</b> <b>09:30- 10:30 Welcome to LUH by Dr. Barden-Läufer, Dr. Bala Ramani &amp; Dr. Dirk Weichgrebe</b> Venue: International Office, Building 1106</p> <p><b>10:30- 11:00 Introduction of training Program by Shivali Sugandh</b> <b>11:00- 11:15 Tea Break</b> <b>11:15 – 12:00 Intercultural Training and History of Germany (Partha Dabke &amp; Joseph Noela)</b> <b>12:00 - 14:00 Ice breaking &amp; Barbeque</b> Venue: Wilhelm-Grunwald-Haus Welfengarten 1A Coordinator : Shivali Sugandh</p>	<p><b>Saturday, 23<sup>rd</sup> June</b> <b>Cultural Visit</b></p> <p><b>11:00 – 13:00 Hannover City Tour with Uwe Dreger</b> <b>14:00 onwards- Street feast (Lust auf Linden Süd)</b> ESN BBQ &amp; World cup Soccer Match Germany Vs Sweden (Registration required) (optional)</p>	<p><b>Wed, 27<sup>th</sup> June</b> <b>Training and Site visit</b></p> <p><b>09:15 - Meet at hotel lobby</b> <b>10:00 -12:00 Wave Canal Institute visit by Dr. Stephan Schimmels</b> Venue: Institute for cartography and Geo-informatics, Appelstraße 9a, 30167 Hannover# <b>13:00- 14:00 Lecture by Dr. Monika Sester</b> Venue: Same as above; 6th floor, GIS-lab <b>14:30 -16:00 Certificate awarding by Dr. Bala Ramani &amp; Prof. Dr. Regina Nogueira</b> Evening Option: Public viewing of Soccer match Germany vs South Korea at 16:00;sports campus) Coordinator : Kunal Kushwaha</p>	<p><b>Sunday, 1<sup>st</sup> July</b> <b>Closing Day</b></p> <p><b>12:30 -14:00 Visit to German Museum of technology</b> Venue: Trebbiner Str. 9, 10963 Berlin (Optional)</p> <p><b>11:30- 12:30 Feedback &amp; Thankyou</b></p> <p>Coordinator : Shivali Sugandh</p>
<p><b>Wed, 20<sup>th</sup> June</b> <b>Training</b></p> <p><b>08:45 – Meet at hotel lobby</b> <b>9:30 – 10:30 Opportunities for Indian students to study in Germany by Dr. Bala Ramani</b> <b>10:30-11:30 Energy systems in Germany*</b></p>	<p><b>Sunday, 24<sup>th</sup> June</b> <b>Cultural Visit</b></p> <p><b>11:00-14:00 -Refugee camp visit by Joseph Noela (Optional)</b> Coordinator : Shivali Sugandh</p>	<p><b>Thursday, 28<sup>th</sup> June</b> <b>Training and site visit</b></p> <p><b>09:00- Meet at hotel lobby</b> <b>09:45- Meet at Kronsberg Community centre</b> <b>10:00- 11:00 Lecture by Mr. Reinhard Martinsen</b></p>	<p><b>Monday, 2<sup>nd</sup> July</b> <b>Departure from Berlin</b></p> <p><b>05:00- Meet in Hotel Lobby</b> <b>07:45-Flight Departure</b> Departing Airport : Berlin Tegel (TXL), 13405 Berlin</p>

<p><b>12:00- Leibniz University tour by Kunal Kushwaha</b>  <b>Venue:</b> International Office          Building 1106          Wilhelm-Grunwald-Haus          Welfengarten 1A          30167 Hannover          Coordinator : Shivali Sugandh</p>		<p><b>11:00- 13:00 Presentation on Sustainable Urban Development &amp; visit to Hannover Kronsberg (could be extended based on student's interest)</b>          Venue: Kronsberg Community centre          Coordinator: Sebastian Hirth &amp; Ankur Saini</p>	<p>Coordinator : Shivali Sugandh</p>
<p><b>Thursday, 21<sup>st</sup> June</b>  <b>Training and Industry Visit</b></p> <p><b>9:00 – Meet at hotel lobby</b>  <b>10:00 -11:30 Herrenhausen Wastewater treatment Plant Visit (Kai Schumueller)</b>  <b>13:00- 14:30 Lecture by Prof. Regina Nogueira</b>  <b>14:30-14:45 Coffee Break</b>  <b>14:45-16:15 Lecture by Prof. Regina Nogueira</b>          Venue: ISAH Conference Room (Großer Besprechungsraum), Wing E, e028, Main Building Leibniz Universität Hannover  <b>17:00- 17:45 4<sup>th</sup> International Yoga Day</b>          Venue: Conference Hall, Welfengarten 1          Venue: Room F005 (Blue Grey), Herrenhäuser Str. 2.</p> <p>Coordinator : Kunal Kushwaha</p>	<p><b>Mon, 25<sup>th</sup> June</b>  <b>Training</b></p> <p><b>11:00 – 13:00 Lecture by Prof. Dr. Dirk Weichgrebe</b>  <b>14:00 -16:00 Group task</b></p> <p>Venue: Institute of Sanitary Engineering and waste management, Appelstrasse 9a, 30167 Hannover          MZ Gebäude 3408, Room 523</p>	<p><b>Friday, 29<sup>th</sup> June</b>  <b>Transfer to Berlin</b></p> <p><b>06:30 -Meet at Hotel Lobby</b>  <b>07:20 – Bus transfer from Hannover to Berlin</b>  <b>01:00- 14:30 Workshop on Renewable Energy</b>  <b>14:30- 14:45 Coffee Break</b>  <b>14:45- 16:30 Workshop on Renewable Energy</b></p> <p>Venue: Schönhauser Allee 10-11, 10119 Berlin          Accommodation: AO Hostels Hauptbahnhof  <b>15:00- Check-in A&amp; O Hostel, Berlin Hauptbahnhof</b></p> <p>Coordinator : Shivali Sugandh</p>	