

Sustainable Waste Management Including Landfill and Landfill Mining

University and Country University of Texas, USA

Date 13th January 2020 to 24th January 2020



Department of Civil Engineering **Winter School Program in University of Texas at Arlington Landfill Design and Operations**

The students got an opportunity to gain knowledge on the potential and challenges of sustainable waste management, including landfill and landfill mining.

The topic covered includes;

- Landfill siting, design and construction, and Operation
- Landfill leachate, gas management and utilization
- Sustainable waste management (including recycling, composting and waste to energy)
- Waste Economics including waste business development

The students got exposed to the methodology involved in Landfill Design Considerations which include;

- Soil Excavation Problems
- Soil Storage
- Slope Stability
- Groundwater
- Erosion Control

Special areas such as sustainable landfill, landfill design and operation and the feasibility of landfill mining, preliminary investigation and impact of landfill mining of sustainable waste management system were covered. Selected project case studies were presented and discussed to enhance learning experience.

In addition field work was assigned to the students in order to get a better understanding of landfill components and landfill operations.

Certificate of Participation



Sathish U



Has participated in the

ISWA-SWIS Winter School 2020

on

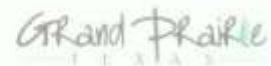
Sustainable Waste Management Landfill & Landfill Mining

at

*The University of Texas at Arlington (UTA)
The City of Irving, The City of Grand Prairie & The City of Garland
Texas, USA*



January 13 - 24, 2020



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Director, SWIS
Professor of Civil Engineering at UTA

Brenda A. Haney, P.E.
Director, Solid Waste
The City of Lubbock, Texas

Vance Kemler
SWIS Board Member
Texas, USA

Certificate of Participation



Mohammed Muzzammil Ahmed



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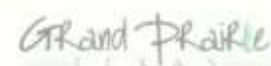
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Rahul Ramu



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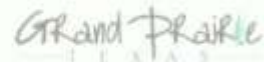
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Vignesh Kumar Elumalai



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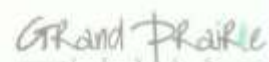
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Edwin Devadhashtangam Thangamony



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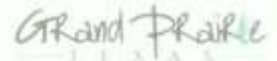
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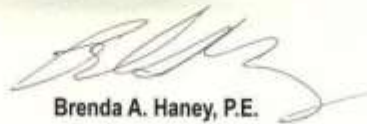
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Best Project Award



Presented to



Edwin Devadhashtangam Thangamony

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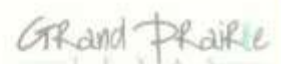
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