

## Research Internship

**University and Country** University of North Dakota, USA

**Date** 2nd June to 4th August 2018



### Probabilistic Graphical Method for Smart Grid sets

The Purpose of Visit to the University of North Dakota, Grand Forks, North Dakota , USA is to learn, observe, gain and work in the one of University's project which is based on the Data Science and Machine Learning using Python and R Programming. The aim of the project is to represent the Graphical Information of the Wind Generation with the datum of the major cities in USA by the Probabilistic Models using Python and R Programming. We also had a chance to explore ourselves and to represent the University of North Dakota and Dr.M.G.R Educational and Research Institute at World Computer Science Congress 2018 which was held at Hotel Luxor , Las Vegas , Nevada , USA. Paper Presentation was also done in the World Computer Science Congress 2018 under the Topic of Smart Home Vulnerabilities and Comprehensive survey on Wireless Vulnerabilities through the OSI and IEEE Model.

## Certificate of Presentation

This is to certify that

**Jaya Preethi Mohan**

has presented the paper entitled

***A Comprehensive Survey on Wireless Vulnerabilities Through the OSI and IEEE Model***

**at The 2018 International Conference on Modeling, Simulation & Visualization Methods (MSV'18)**

held simultaneously with 19 other joint conferences as part of

The 2018 World Congress in Computer Science, Computer Engineering, and Applied Computing  
*Universal Conference (Management, Systems & Support)* (CSCE'18) at the Luxor Hotel, Las Vegas Nevada, USA  
July 30 – August 02, 2018

**Official Seal**  
*Kaveh D. Arbtan*  
Kaveh Arbtan on behalf of Steering Committee



**CSCE'18**  
July 30 - 02, 2018  
Luxor Hotel  
Las Vegas Nevada, USA  
[americancse.org/events/csce2018](http://americancse.org/events/csce2018)

**UND** UNIVERSITY OF  
**NORTH DAKOTA**



## CERTIFICATE

Awarded to the Exchange Scholars from MGR University, Chennai India

**JAYA PREETHI MOHAN**

for successfully completing a Research Project titled "Probabilistic Graphical Method for Smart Grid Data Sets" during Summer 2018 at the UND campus, Grand Forks, North Dakota, USA.

*Prakash Ranganathan*

Dr. Prakash Ranganathan, Director for DECS Laboratory



ELECTRICAL ENGINEERING DEPARTMENT  
JPSON HALL II ROOM 160  
243 CENTENNIAL DRIVE STOP 7165  
GRAND FORKS, ND 58202-7165



## Certificate of Presentation

This is to certify that

**Jayabalaji Mohan**

has presented the paper entitled

**Smart Home Vulnerabilities - A Survey**

at: **The 2018 International Conference on Embedded Systems, Cyber-physical Systems, & Applications (ESCS'18)**

held simultaneously with 19 other joint conferences as part of:

The 2018 World Congress in Computer Science, Computer Engineering, and Applied Computing (CSCE'18) at the Laxor Hotel, Las Vegas Nevada, USA

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Official Conference Management  
Services & Support

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