

Report on Internship at NOAACREST Institute, The City University of New York

Date: 05.04.2017

Duration: 16 December 2016 to 24 March 2017 (3 Months)

A Memorandum of Agreement was signed between SGGS Institute of Engineering and Technology, Nanded and The City University of New York, New York (CUNY), USA for the student exchange program. The aim of this MoA was the joint research execution of the ongoing projects on both sides. The research was conducted on a project entitled “Validation and Application of satellite Soil Moisture Data for operational flood monitoring.” Research Scholar involved in this project is Mr. Aditya P Nilawar, under the supervision of Dr. M.L.Waikar (from SGGS IE&T). The supervisors assigned from CUNY were Prof. Tarendra Lakhankar.

The research was conducted during December 2016 to March 2017 (3 Months). Mr. Aditay P Nilawar has joined CUNY as an exchange student during the above mentioned period and carried out the research.

Objectives of Program:

- Joint Research on Validation of satellite soil moisture
- To apply physically based, Soil and Water Assessment Tool (SWAT) to validate satellite soil moisture data in parts of Puerto Rico.

Outcomes of the Program:

- Validation of satellite soil moisture data.
- Joint Journal Publication.

Certificate

National Oceanic and Atmospheric Administration
Cooperative Remote Sensing Science and Technology Center

NOAA CREST

Date: March 24, 2017

To Whom It May Concern

I hereby certify that the Mr. Aditya Nilawar was research Intern at NOAA-CREST Institute, The City University of New York, during the period starting from December 16, 2016 to March 24, 2017.

Mr. Aditya worked on research project on *Validation and Application of satellite Soil Moisture Data for operational flood monitoring*. He worked on research activities including remote sensing data analysis, SWAT modeling, and writing peer-reviewed journal publication.

As we observed, Aditya was an active and very qualified person and he could perform all of assigned tasks effectively. Besides, in my opinion, he was a motivated, devoted, professional, and hard-working person. I wish him all the best in his future endeavors.

Should you have any question, please do not hesitate to contact me.

Sincerely,



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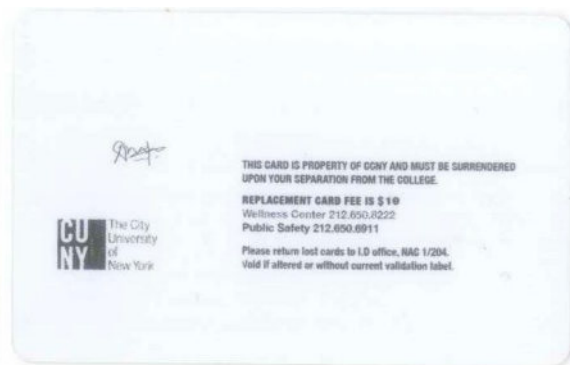
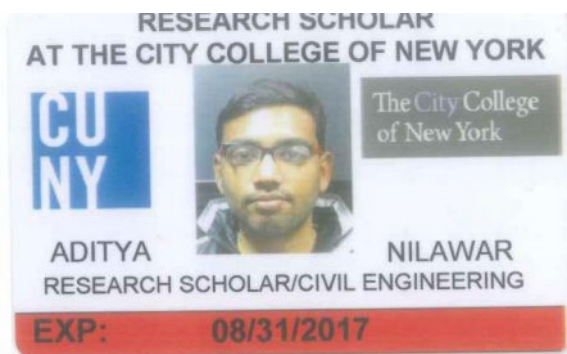
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Some Glimpses of Visit at CUNY:



Aditya P Nilawar
Research Scholar

Dr. M. L. Waikar
Supervisor