

**Vivek Kumar**

## **Experience in Taiwan**

I always dream of going abroad to pursue my higher studies, but there was always a financial challenge for me. But in 2015, the Ministry of Education in Taiwan launched a new program titled “Taiwan Experience Education Program (TEEP)” to welcome students to join different universities and colleges in Taiwan for short term professional internship and this made my dream come true. My heartiest thanks to my professor and my advisor Prof. Yao-Ming Hong for accepting me to his department. And I was fortunate enough to pursue my master program in ‘Green technology of sustainability’ from Nanhua University, Taiwan under TEEP scholarship.

My parents have always been supportive and it was never difficult for me to convince them to allow me to go abroad. I did all my documents verification, visa process, visited embassy in New Delhi, India all by myself and there a constant support from my professor in Taiwan and staff of International affair from Nanhua University. It was definitely a unique experience for me, I got to learn a lot to things there. We finally arrived in Taiwan on 6<sup>th</sup> September, 2018. The first impression of Taiwan was mind blowing. People of Taiwan, their discipline, punctuality all touched my heart. No doubt there were many challenges for us in coming days. First of all the food, language was a little bit problem for us but we were good enough to adapt ourselves to the environment and culture in few days only. Now the life seems very good and easy here.

### **Classmates**

we have total 13 international students from different countries in our department. 6 from India, 3 from Bangladesh, 3 from the Philippines and 1 from Cambodia. We spent a very good time together in our department. Everyone share their own personal experiences and stories. Although one time due to some misunderstanding we had some problem but at last we overcome from this situation by taking and making clear everything. We also went for trip together and had party

and lots of fun. I have lots of memorable moments with my classmates which can never be forgotten.



## Courses in first semester

We were having total five subject in our first semester. Soil and water conservation, Green energy, Climate change, Sustainable agriculture and Research method and thesis writing.

In soil and water conservation we studied about basic properties of soil and made report on sieve analysis, compaction test, permeability test and No erosion filter test (NEFT) test for different types of soil type.

In Climate change we made report on extreme rainfall data of past 50 years from 5 different Asian countries. And we also studied about different types of permeable pavement and made report on the relationship between height and storage and also did

single and double ring experiment on pavement to find the permeability of pavement. Along with this we also tried to simulate the artificial rainfall on the pavement and verifies the equation, Inflow minus outflow equal to change in storage.



Sustainable agriculture course consists different method for doing organic agriculture and also know that why it is important to practice organic agriculture for our better future. We also raised the bee in honey bee hives. We learn how to collect pollen, honey and how to take care of the bees. In the final report every student was allotted one goals from seventeen sustainable development goals and we have to make report on that. It was my honor that I was representing Good health and well-being goal.

In Green energy we studied about wind energy, ocean energy, biomass energy and hydrogen and different way to harvest these energies.

And at last in research method and thesis writing we learned the format to write the thesis paper. Finally we selected our research topic for master program.

## **Conference**

In this semester we got the opportunity to participate in 2nd International Conference on Sustainable Development and Green Technology from October 19-21, 2018 in Taichung, Taiwan. It was the first international conference for us therefore we learned many new things about conference and gain the new knowledge from versatile topic of conference paper in field of Sustainable Development and Green Technology.



## Taiwan Tour

Though we were very busy in our academics, theory classes, practical and lot of presentations, we definitely needed a break. Professor Hong organized 3 different tours during this period.

- **Industrial tour:** Our first tour was to “Gold-Joint Industry”, Taichung, Taiwan. It is the first integrated geo-grid production line in Taiwan. The main products of this company are geogrid, geotextile, geotextile tube, geocontainer, geobag, geoformer, geomat, agriculture net.



- **Alishan mountain and sea beach:** This 2 days trip will always be in my heart forever. 1<sup>st</sup> day we went to Alishan mountain and saw few remaining sacred trees which were round 3600 years old. We got to spend times with our local Taiwanese classmates. 2<sup>nd</sup> day we took a boat ride to a small island and had our lunch in the boat itself. Few hours spend in the island was definitely a moment to remember.







- **Maolin national scenic area:** This was a three day trip. First we went to Maolin area, there we learnt to tag a particular type to butterfly which are found only in two places in the whole world. 2<sup>nd</sup> day was a plantation day, I personally planted a lot of plant samplings and now I can proudly say that I have also contributed towards saving our planet earth. 3<sup>rd</sup> day was a visit to the mountains where we went to Lukai tribal village, there we got to know about their history, their preserved culture and traditions. We also prepared some local foods in the night. Overall it was an amazing and informative trip.







## **Conclusion**

The six month from September to February was definitely very crucial and informative for us. We learn different new things related to different countries culture, language. We make different friends from different places. Learn culture of Taiwan and get used to here. Along with fun we also studied about sustainable development and also learned about research paper and conference.

I would like to thank the Ministry of Education, Taiwan to launch such a wonderful program “Taiwan Experience Education Program (TEEP)” to welcome foreign students to join different universities and colleges in Taiwan for short term professional internship, which help many students like us to make their dream come true.