



Gujarat Technical University

## **Report on International Experience Program at Laurentian University(LU), Canada**

International Experience program is the program where students visit the foreign university in the semester gap and studies the various subjects of their respective courses. Computer science and pharmacy students were participated for international Experience program at Laurentian university.

On the very first day students started arriving in groups on 9<sup>th</sup> and 11<sup>th</sup>, 2016 who were welcomed by LU officials. All the students have been given accommodation in hostel (west residence) Block B(for girls) and Block J(for boys) on campus having all basic facility as well recreation facilities such as Wi-Fi access, Movie theatre hall ,study rooms etc. LU provides lunch and dinner facility for the students at cafeteria from Monday to Friday, if student want to prepare their own food on weekends and breakfast, a kitchen facility is available in each apartment(with four rooms) shared with all members in that apartment. Housing section of the university has provided students with electronic card for entering in their residence after 11:00 PM onwards. During this programme two kinds of activities like out campus and in campus were performed.



### **A: Activities outside the campus.**

During this programme visit schedules are as follows:

1) City tour of Sudbury in first week of programme

2) City tour of Toronto(18th and 19th June,2016)During this tour student enjoyed wonderland theme park on 18th June andCN tower, Ontario lake and other places of Toronto on 19th June.

3) City tour of Ottawa, The capital of Canada on 1st and 2nd July, 2016.On 1st July students enjoyed celebration of Canada National day events like concert and fireworks and etc.On 2nd July Students visited different known places in Ottawa.

4) City tour of Niagara (9th and 10th July,2016)

Students participated in various adventure activities like Niagara fury, journey behind the fall, white water walk, maid of the mist(cruise), whirlpool aero car etc.

(Above mentioned outside campus activities being arranged every year)

## **B: Activities inside the campus.**

### **B1:- Co curricular activities**

1) Students had performed pranayama and various Aasanas on international yoga day on 21st June.

(A separate report has been attached)

2) Ras Garba programme organized on 16th July,2016 from 9:00 pm to 12:00 night. Garba followed by Aarti of goddess Amba and refreshment arranged with the help of senior faculty members of LU and members of Gujarati Samaj of Sudbury who participated in the programme with the coordination by Mr. Ravi Patel master student at Laurentian university and first batch GTU IEP student.Mr. Ravi Patel guides and helps group of GTU IEP students in all the aspects whether it is in campus or out campus activities.

3)During this stay, we also had a day trip exploring Sudbury conservation area with a group of students. We walk approximately 10 km exploring trail from University to Moonlight beach via Lake Laurentian conservation. This was a fascinating experience tracking on hilly area with enjoying natural view and water resources.

4)Students of IEP GTU 2016 presented Rantio(symbol of creation and hardworking) to strengthen relationship between LU and GTU. It has been Placed at library of LU along with statue of Mahatma Gandhi which had been donated by the India Canada association of Sudbury to honor Mahatma Gandhi.



## B2:- Curricular activities

Total 105 students(71 Girls and 61 Boys) are studying, in Pharmacy(27), MCA(2) and Engineering (103)(computer science ,computer Engineering and Information Technology).

In Pharmacy students are studying medicinal chemistry III and Pharmacology and pharmacotherapeutics-III Subjects.Theory classes are conducted before lunch and practical sessions(lab)after lunch.

In Engineering students are studying Web data management and Wireless computation and mobile programming subjects.Two lecture sessions are conducted every day one before lunch and one after lunch.

The content of the report provides the brief knowledge of the International Exchange Program held by the Gujarat Technological University in collaboration with Laurentian University at Sudbury in Canada. The duration of the Program was of 48 Days in which the students need to study two subjects of respected field and to give the mid semester exams to submit project for obtaining internals and also need to give final exams.

### **→Details of subject Web Data Management**

The Dr. Kalpdram passi taught us the subject Web Data Management in a very brief manner and he also gave assignments based on the topics he taught and the teaching style was solely different from the indian teaching style. He used to give the practical knowledge with the theoretical knowledge of the subject and he also helped doing collaboration with laurentian university and did all possible efforts for the comfortness of all the students. The Professor also took care that each day goes smooth for every IEP student in Canada.

### **→Details of subject Wireless Communication and Mobile Computing.**

The first lecture of WCMP thought by Dr. Khalid mehmud was on subject introduction. He gave an activity to the students to write about their dream application. He teaches the students using presentations, by diagrams and practical implementation. He gave the students two assignments. First is cisco packet tracer and second is to make a dream application using android studio. For the dream application he wants the students to demonstrate the project in the emulator and android devices. Then to answer the interview questions individually regarding the project's working. Then the students need to make an report on the application they made and needs to be submitted to the sir before or on the date via mail. In his subject students needs to work in groups(team work). During the presentation individually each and every group member needs to present the contents of the project-0 He also gave the students an activity using vistumbler. He takes two quizzes . All the above mentioned activities are included in the grading system along with the final exams and midterm marks. His examinations are mcqs based and it also includes diagrams and very few part of subjective. He provides handouts, presentations and web materials(videos, news etc.) To the students for study purpose. Moreover he always helps the students whenever needed. His classes are very

interactive, students can freely ask the queries, questions and doubts to sir. Not only in lecture but he also helps the students after or before the lecture whenever needed. Students can contact him via mail for their queries, questions, doubts and other things.



### FacultyExperience:-

During our stay we learned lots of new things which differentiate our education with the Laurentian University. Here we experienced a new methodology of class teaching, which is more research oriented and provide a depth introduction to the subject with basic practical orientation and hands on implementations. These developed skills in doing teamwork & also gained leadership quality in them. Moreover, these method of teaching helps students

understanding the subject theoretically as well as practically which helps them preparing for industry platform.

We loved the university campus which is surrounded by the natural resources and peaceful environment. Students can learn as well as get relaxed enjoying the conservation area and lake near university. It also has very nice facility for sports, music, dance and other fascinating extra curricular activities. Students also get a chance to get involve and interact with other international students as well as local students to learn different culture, academic thoughts.

### **Student's Experience**

This all started when a mail popped up in my in box stating, “An international Experience program to Canada” then this journey sum in to an end. The level of excitement was extraordinarily high. And this excitement will continue until next few years, we would be flattering about only Canada.

Every coin has two sides, so keeping in mind that it will happy moment as well as when you are away from home it will be sad, but still this experience overall left me spell bound. It was like a cake and a few things that overwhelmed me a lot were like a cherry on the cake.

The IEP-2016, much awaited program was about to start after completing all procedures and follow-ups, finally we were at the airport with cumbersome process of packing and shopping with our relatives for seeing off. It would never have been possible without the help and guidance of IEP Department Team, Who were quite helpful and co-operative from the scratch and at every bit of it.

The journey started with full on excitement and amazing piece of energy, after having 2 flights from Ahmedabad – Abu Dhabi & Abu-Dhabi to Toronto, it took us 3 hours from Ahmedabad to Abu Dhabi and 14 hours from Abu Dhabi to Toronto. Etihad Airways’

experience was really good except constant 13 hours of cruise journey, which was eventually very tiring.

We learnt many things apart of study over here, and from few of those I would like to mention here,

It felt like a big family of 105 Computer Science Student & 29 Pharmacy Student who helped each other whenever there was a need. Whether it was Wonderland /Toronto or Niagara Falls or Ottawa, the fun was multiplied each and every time.

During our stay, we experienced a new life style in which we learnt to manage our time from Breakfast to Dinner including Lectures and Study Work. Everyday started with the great energy. This overall program and the facility which we utilized, we owe everything to Dr. Kalpdrum Passi Sir. Without him, any of our trips or group get together planning or Garba Night would have never been possible.

Laurentian University, a great campus & West Residence can never be forgotten because of the 50 days of experience we felt here. Not a single day has been passed without exploring the trails and feeling the Nature's beauty.

Weekend trips were amazing, astounding and bewildering. We started exploring Sudbury, the happiest city of Canada, from the first weekend by Greater Sudbury Transit, the city tour helped us a lot to get an Idea about how to explore the city which was organized by Laurentian University. We visited Big Nickel which is the largest Nickel producing source in the world and consist 70% of the overall Nickel amount in the world.

Second weekend, "Trip to Wonderland/ CN Tower" and the experience was speechless. The whole day spent like a flash in Wonderland by riding the most adventurous rides i.e leviathan, Behemoth & etc. On Sunday, We visited CN Tower, one of the "Old Seven Wonders of the World" and tallest building of Canada.

In between there were some nights that cannot be forgotten due to the night walks and refreshments from the assignments.

After 2 weeks, the sufficient time was spent without our family in a totally different country and place, but The Visit to Relative weekend gave us the happiness and the homesickness was not there and some of them were meeting their relatives after ages, so that made me think how important it is to stay in touch.

The Environment out here in the premises of this University was actually very different from those in India, we had Tim-Hortons, Starbucks, Toppers' Pizza, and the best part was, you could carry the stuff in the lectures, so now when we go back to India, we would crave for French vanilla during our lectures. Undoubtedly as we had heard this, the practical knowledge we gain was more. We worked upon several research – papers which gives us a point of difference as well. The set of presentations we gave boosted our confidence level and reduced our stage fears to some extent.

The main attraction of this city was Ramsey Lake, Bell Park, Moonlight beach, Memorable, so we had to explore those anyhow and that is what we did after the college hours. Each and every place left a mark in our minds and soul.

20 days were already over and we felt like it was just yesterday when we landed here and June was OVER.

We left for Ottawa on July 1<sup>st</sup> early morning to actually see how Canada celebrates its own day the “Canada Day”. The president giving a speech publicly, the concerts that were held after that, the weather, the happy streets full of people wearing red and white to represent the loved towards Canada, the Parliament hill, everything was must to experience once in life.

Yeah, It was time to study as there were internals (mid-sems) in four days, all those chilling parts were kept aside and we concentrated on the upcoming papers and the project work. Everything went smoothly after that and that was the time to visit the much awaited place of Earth, “The Niagara falls”. We were speechless standing in front of such a beauty and felt like staying there and staring at it for days and days. Hat place was one of the most

happening places one could ever visit. Waving hands to US Citizens standing just opposite to us, riding the Hornblower Niagara Cruise to explore the mid of the mist, Journey behind the falls and Niagara's fury gave us sure shot for visiting this place again sooner than soon.

The Actual pressure had to start from now onwards where we had bulks of submissions including Assignment, reports, Literature reviews, Android Application and the FINAL EXAM. It was time for those sleepless nights just like the GTU's pre-exam nights that made us not to miss GTU here. Everything ended with the great interactions and new bonds emerging between each one of us and when this actually happened & we started making new friends, really good ones, we realized it was time to go.

We had a few good interactive sessions like the garba night which reminded us of those the much awaited best 9 days of Gujarat. And even here with that much of spirit and enthusiasm, we played garba nonstop for more than 5 hours.

Last but not least was a farewell kind of get together where it was the time to get ready and click pictures and make memories in a form that could never be erased from our memories' hard drive.

Everything was just PERFECT just the way we wanted it to be ofcourse with certain Pros and Cons ( E.g. FOOD ), which can be overridden by the fun we had. It in simple words, it just PAID OFF because we had one of the best 48 days of our life which we would definitely be cherishing through out. AND not to forget that this journey couldn't have been a better version without the tremendous efforts put by our Professors Dr. Kalpdram Passi , Dr. Khaled Mahmud ,Dr. Ratvinder Grewal and Dr. C.N Patel and Mrs Hemal Patel for accompanying us from all the way to India and we whole heartedly thank them for their moral support.

**Professors who teach the IEP students at LU:-**

[For Pharmacy:-](#)

Pharmaceutical Chemistry-X (Medicinal Chemistry) (Dr. Sujeenthar Tharmalingam)

Pharmacology III (Dr. Abdul Omri)

For Engineering:-

Wireless Communication and Mobile Programming (Dr. Khaled Mahmud)

Web Data Management (Dr. Kalpdrum Passi)

Main Coordinator IEP at LU, Canada

**Dr. Kalpdrum Passi,**

Associate Professor and graduate coordinator:

Department of Mathematics & Computer Science, Laurentian University



Mr. Passi has been coordinating IEP at LU since inception of the IEP in 2012. He is coordinating for all kinds of activities either in campus or out campus. He is always ready to help students for their academic as well as individual matters. He is one of the professors who teach IEP students of computer science at LU.



Report Prepared By:

**Faculty Coordinator:**

**Dr. C.N Patel**, Dean, faculty of Pharmacy, GTU and Principal, Shri Sarvajanic Pharmacy College, Mehsana.

**Mrs. Hemal U Patel**, Assistant Professor, Computer Engineering Department, Silver Oak Engineering College, Ahmedabad.

**Date and Place:**

Laurentian University Campus, Sudbury, Canada

26<sup>th</sup> July 2016