

## REPORT ON INTERNATIONAL EXPERIENCE PROGRAM at KANSAS STATE UNIVERSITY,USA

### **INTRODUCTION**

International experience program abbreviated IEP, is a step forward from GTU in the direction of becoming International University.

The program is initiated first in year 2010 under vision of Honourable Vice Chancellor Dr. Akshai Aggarwal.

Foreign universities are contacted and after thoughtful planning, the program has been implemented for MBA students and in collaboration with University of Alberta, Canada in summer of 2011.

The journey continued in 2012 and collaboration has made between Gujarat Technological University (GTU) and two universities, one from USA and another from Canada.

During summer 2012, 129 students have been to USA and Canada under IEP successfully for the period of two months.

In the current year, we have started working towards more collaboration with the universities of different countries. These collaboration is between US, UK, Canadian and German universities.

Under IEP 2012 students from Communication, computing and pharmacy have been to foreign universities. By increasing our partners for 2013, we are trying to accommodate the students from Mechanical, Electrical, Civil engineering branches. This is still under progress.

Acknowledgement

The work put together by the team of GTU and team of the universities (LU, KSU) has led to the success of the program in the year 2012 where 129 students have been to summer program at both the universities.

The triplet (GTU,KSU and LU) teams have worked round the clock and co-ordinate with each other despite all the odds and all the hurdles came during the programs

GTU is thankful to all of its faculty deans and professors who have jointly work with the KSU and LU faculties for subject mapping work and co-ordination work.

We are thankful to Prof. Vishwajit Thaker for supporting us mapping of EC course, Prof. Nirbhay Chaubey, Prof. Anita Mehta, Dr. Chhabria for helping us in the mapping of the course.

We would like to specially thank prof. Nirbhay chaubey and Prof. Anita Mehta to provide and supporting us in making IEP 2012 successful at Laurentian university and supporting all.

We would like to give our special thanks to Dr. Mo Hosni (Prof. KSU), Sharon Brookshire, (Director International students exchange, KSU), Dr. Passi (Prof. LU) to support us in coordinating the entire program from the beginning.

I would personally like to thank Dr. Hosni for taking care of all the GTU students personally and Dr. Maes (Dean of continuous education, KSU) for guiding them for their better future.

We would also like to thank all the processors from KSU and LU who share their experience with GTU students and share their knowledge with GTU students.

Last but not least, we would like to thank those students who have really work hard to keep up with the LU and KSU programs and at the same time stay discipline, completed the program successfully and gain the extra ordinary experience.

Purpose of International Experience Program:

- To get Exposure and to advocate a different experience for studying.
- The foreign universities, in which our students go, have their expertise on the subjects, which the students are going to study there. So it is beneficial for our students to study the core concepts of the subjects.
- Apart from academia, the student will also seek benefit during finding a good job. *This certificate of having studied in such universities would act as an accolade for the upcoming students.*
- GTU being a new university within short duration of 5 years, has established a benchmark in many fields, one of which is International collaborations.
- U.S.A and Canda are countries which spend a lot of capital in the area of research. So for the students who are willing to go in the research area, this program is a good opportunity.

IEP at Kansas State University, USA

Brief Introduction of Kansas State University

- Located in a small agricultural town of Manhattan, Kansas State, the university boasts itself for its education and the friendly culture of Manhattan.
- The subjects which we studied there were *Digital Signal Processing* and *Wireless Communication*. This University has its expertise on the field of wireless communication and nuclear research.
- The university has its own nuclear power plant for research work and Air-conditioning ducts working on it.
- It is more of a research work university and encourages research in Image Processing, Wireless Communication, Nuclear Sciences and many other disciplines.
- It is the biggest employer in Manhattan and employs around 40,000 people including the teaching and non-teaching staff.

The IEP program has started with University of Alberta, Canada in the year 2011. Where 30 students of MBA have been for summer training. In continuation to such summer programs, GTU and KSU has tie had together for the year 2012.

Team of professors from both the university has mapped the subjects of GTU. Pre-final year of GTU students from Electronics & Communication Engineering have been given opportunity to visit KSU and study two subjects of final year.

The students have been informed in 5 phases. Students who have opted for the US program have been taken through the series of steps.

- Applications from all the applicants have been invited along with the college bonafide certificates and their passport details.
- Based on the CPI the students have been selected and their applications have been sent to US homeland security via KSU to get DS2019 J1 visa application forms.
- Series of Parents and students meetings have been held to make students understand the visa process and formalities they have to carry out for the application of visa.
- Arrangement of SEVIS (STUDENT EXCHANGE VISITORS PROGRAM) fees payment has been arranged by GTU office for the entire individual who has chosen for the program.
- After payment of the SEVIS fees the students have been taken through the serious of sessions in group (personally and via video conferencing) on how to face the visa interview at US consulate Mumbai.

The students who have granted visa were required to register at KSU website of their arrival dates of US and times. KSU has made arrangement accordingly to provide students the pick and drop off facility at the Manhattan Campus.

### **Once students reach KSU, USA**

18 students from GTU have been granted visa under this program. Students have been taken for campus tour guided by the students of the KSU and had a casual meeting with their professors and given a presentation about the amenities.

### **Academic Activities:**

The program has started on 4<sup>th</sup> June 2012 and continued till 8 week program. As mentioned above GTU students of Electronics and communication have studied two subjects from semester 7. The students have to study full time at K-state campus, do the practical and participate in the exams as they do in their parent college at GTU.

The classes were audio-visual. Every student had been provided with an account on the university website. Therein, they can get all assignments, homework, quizzes and grades. Their lectures were recorded every day. They were uploaded immediately after the completion of our classes. In addition they had access to the university Wi-Fi internet connection. Students were facilitated download the lectures and refer to them any time after the classes and during the exams. Our assignments were to be

submitted before due date, online. There was very interesting facility which is called Drop-box. It is kind of electronic drop box which the students can just upload their assignments and homework. Every student has to do weekly Quizzes which were either timed or not-timed both. They were the simple multiple choice questions. The questions gave them an idea about the new technologies and technical reforms in the subject. They were allowed to use Search Engines for finding the answers but they were encouraged to use their own answers to produce demanded originalities. These quizzes were meant to enhance the knowledge and to learn the subject seeing the current scenario and applicability. In addition to this the students have been assessed on the bases of the conventional methods also such as Midterm exam and viva-voice.

Students have been access for the plagiarism for the work they were doing and have been encouraged to put their own view and stick to originality of the work they do.

Apart from the course, the faculties also had the freedom to teach the students, their research work. The classes were very interactive and this could benefit the students, understand the subject from a wider perspective.

At k-state majority of the work has to be submitted electronically.

The experts Dr. Bala and Dr. Das who were the mentors of the GTU students have shared their research work experience with the GTU students and guide them how to carry out the research work as an Engineering students.

**Extra Activities:**

Along with the study, the students have been highly encouraged to participate in the various activities at K-state. They have been taken to the Independence Day pared on 4<sup>th</sup> of July, baseball match at Kansas City.

As a good will gesture KSU has provided them city pool and bus passes using them they could travel anywhere in Manhattan using the ATA bus passes for the whole summer.



Dinner at Deans house with Dr. honi and Dr. Meas



Students group photograph.



Students at baseball game

List of the students who have been to K-state under IEP 2012

<b>ENROLLMENT NUMBER</b>	<b>STUDENTS NAME</b>
<b>090320111065</b>	<b>JACOB ABRAHAM</b>
<b>090770111028</b>	<b>RAVAL CHINTAN ARUNKUMAR</b>
<b>090030111088</b>	<b>VACHHANI PARTH VINAYKANT</b>
<b>090420111027</b>	<b>JAGIRDAR SAUMIL KETAN</b>
<b>090090111020</b>	<b>PATEL HARSH SANDIPKUMAR</b>
<b>090420111054</b>	<b>SHAH ZANKHANA NAYANKUMAR</b>
	<b>VERMA YASH ARUNKUMAR</b>

**90420111064**

<b>090050111100</b>	<b>ARYA RAHUL NIRMAL</b>
<b>090050111110</b>	<b>JAIN SURBHI SANDEEP</b>
<b>090050111067</b>	<b>JHALA KUMARSINH MAHENDRASINH</b>
<b>090050111129</b>	<b>LOKESHKUMAR K PATEL</b>
<b>090050111099</b>	<b>VIDHI ATUL KHAKHER</b>
<b>090110111030</b>	<b>SHAH BINDULKUMAR JAGDISHBHAI</b>
<b>100463111006</b>	<b>Bhatt Zalak Prakashbhai</b>
<b>090050111007</b>	<b>PATEL SIDDHI SANJAY</b>
<b>090320111019</b>	<b>SHAH SHARVIL MANISHKUMAR</b>
<b>090630111058</b>	<b>JADEJA JHANVI RAJENDRASINH</b>
<b>100673111002</b>	<b>SHAH DHARANG ASHVIN</b>

Prepared by: Hiren Thaker