

CONTENT

1.0 GENERAL INFORMATION

2.0 DESCRIPTION OF GOP

3.0 PROGRAM OBJECTIVES

- I. University's Level
- II. Student's Level

4.0 VISITED PLACES

- I. University of Hyderabad
- II. Jawaharlal Nehru Technological University (JNTU)
- III. Hyderabad Metropolitan Development Authority (HMDA)
- IV. Geospatial World Forum
- V. Other Places

5.0 PARTICIPANTS

6.0 RESOURCES UTILIZED

7.0 GOP IMPLEMENTATION – TIMELINE

8.0 DESCRIPTION OF OUTPUT

9.0 TESTIMONIALS

10.0 KEY CONTACT PERSON

1.0 GENERAL INFORMATION

Faculty / College	: Built Environment
GOP Destination	: Hyderabad, Andra Pradesh, India
GOP Name	: Jawaharlal Nehru Technological University, University of Hyderabad, and Geospatial World Forum in Hyderabad, India.
Date of GOP	: 16 th of January 2011 – 22 nd of January 2011
Duration	: 6 days

2.0 DESCRIPTION OF GOP

Universiti Teknologi Malaysia (UTM) has declared an intention to become a world class university by 2010 in November 2006. One of the methods to achieve a world class status is through the process of internationalization.

In order to realizing the internationalization process, cooperation and collaboration with international institutions and universities should exist, particularly universities that ranked higher than UTM. Therefore, in July 2009, UTM Global Outreach Program was launched to encourage UTM students to gain experience and knowledge from foreign institutions and indirectly increase the student's communication skills.

Thus, an academic tour by Bachelor of Urban and Regional Planning students to University of Hyderabad and Jawaharlal Nehru Technological University (JNTU) has been proposed. Those students also attend the Geospatial World Forum.

As an information, in the field of research and development, University of Hyderabad was ranked 36th in South Asia and is referred as the first ranked in the countries. In a mean while, JNTU is the first technical university in India. The expertise of JNTU in academic, research and technology has been recognized by the National Assessment an Accreditation Council (NAAC). JNTU has been graded 'A' for the academic excellence, thus making JNTU the best among world's

universities. Next, the Geospatial World Forum is a development platform for geospatial industry. This forum provides a good environment for the promotion, marketing, branding, leadership, collaboration, partnership and networking.

This program will help the UTM's strategy to internationalization the universities and will give many benefits to university. The benefits that can be achieved through this program are:

- I. Give opportunities to the students in attending the Geospatial World Forum.
- II. Introducing UTM to University of Hyderabad and Jawaharlal Nehru Technological University's students.
- III. Encourage the students from Hyderabad to further their studies at UTM.
- IV. Sharing information and expertise in academic fields, especially related to Urban and Regional Planning and Geographic Information System (GIS).
- V. Expose the professionals work (Urban and Regional Planning) in India.
- VI. Show the practical use of GIS in the development of Indian's Society.
- VII. Assist students to build self-confidence, communication skills and work experience at the international level.

Lastly, the cooperation between UTM and the visited universities is the most important achievement. To create this cooperation also is the main base for this program. Therefore, through the benefits that achieved from this program the relations created among UTM and those universities will be more strengthen.

3.0 PROGRAM OBJECTIVE

A total of eleven students and a lecturer have been participated in this program. The program's objectives have been outlined into two stages which are:

- I. University's Level
- II. Student's Level

3.1 University's Level

The objectives of this program for the university's level are:

- I. To initiate and consolidate the relations between UTM the visited universities through academic visits and the dialogue between students and researchers in both universities. So that, participants can exchanges ideas and views, especially in the field of Geographic Information System and Urban Planning.
- II. To prove to the Government and others of the seriousness of UTM in internationalization the university.
- III. To exchange the knowledge and research at the international level.

3.2 Student's Level

The objectives of this program for the student's level are:

- I. To create relations in terms of academic and cultural between lecturers and students of both universities.
- II. To introduce and promote the courses offered by UTM.
- III. To expose the Geographic Information System (GIS) and Urban Planning in India to the students.
- IV. To introduce the culture of Malaysia's through cultural exchange program.
- V. Provide opportunities to the undergraduate students to learn and appreciate India's development planning and Geographic Information System (GIS).

4.0 VISITED PLACES

Six days in Hyderabad has been spent by the participants to visit various places whether academic or historical places. The places that have been visited are:

- I. University of Hyderabad
- II. Jawaharlal Nehru Technological University (JNTU)
- III. Hyderabad Metropolitan Development Authority (HMDA)
- IV. Geospatial World Forum
- V. Other Places

4.1 University of Hyderabad

University of Hyderabad is a post-graduate teaching and research institute in India. It was established by an act of the Parliament in 1974 as a Central University. The university also offers courses under distance learning programs. The university is a member of the 'Association of Indian Universities' (AIU), the 'Association of Commonwealth Universities' (ACU) and 'International Council for Distance Education'. An academic Staff College has been functioning on the university campus since 1988 under the UGC scheme for improving the standards of teaching in colleges and universities. The university was recently ranked first among other universities of India in publications.



The 'group photo' at University of Hyderabad.



The participants register their name to enter University of Hyderabad.

I. University of Space Science (UCESS)

Since the participants have arrived at the University of Hyderabad, the first place that we managed to visit is UCESS. It was located at the Center for Modeling Simulation and Design's building. We were greeted by one of the professor there who briefed on the GIS research that they have been done using GIS software and remote sensing technology. After the brief, he guide us to the main database storage and the laboratories that have been use to carry out their research. During this activities, the participants managed to exchanged opinions and knowledge on GIS with the students and researchers there.



The participants exchange knowledge and opinion about GIS with the researcher of UCESS.



Professor of UCESS gave a brief on research that they have been done.



The 'group photo' with the professor of UCESS.

II. Department of International Affair

After visiting UCESS, the participants manage to visit the Department of International Affair. The officer and the staffs there greet the participants and gave a short brief about the exchange student program. They also talked about scholar provided to the international students who interested to further their study in India. Currently, there are many students from Europe and the west countries studied there. The officer also provide as much information about facilities and courses offered to the international students who wish to continue their studies at University of Hyderabad.



The participants arrived at the Department of International Affair, University of Hyderabad



Officer at the Department of International Affair gave a brief about international students and studying in India.



The 'group photo' at the Department of International Affair.

4.2 Jawaharlal Nehru Technological University (JNTU)

JNTU is a university, primarily focused on engineering, located in Hyderabad with satellite campuses in Kakinada and Anantapur. It also offers a school of business. JNTU was founded in 1965 as the Nagarjuna Sagar Engineering College. Then the school was renamed in 1972.

At JNTU, the researchers there also give a short brief to the participants. The brief was about the history and the courses provided a JNTU. The researchers also guide the participants to the laboratory after the brief. They show to the participants the tools that being use for photogrammetric and other geometric tools.



JNTU researchers with the participants exchange their opinion.



The researcher at JNTU shows the GIS lab where they done their research at JNTU.



Head of JNTU gave a short brief and exchange opinion with the participants.

4.3 Hyderabad Metropolitan Development Authority (HMDA)

HMDA is the urban planning agency of Hyderabad, Andhra Pradesh. It was formed in 2008 by expanding the Hyderabad Urban Development Authority (HUDA). A brief about HMDA and its plan has been conducted by the officers there. HMDA contains the entire area of Greater Hyderabad Municipal Corporation and its suburbs. The enlarged jurisdiction of HUDA now extends to 54 Mandals located in five districts with a total area of nearly 7,100 sq km.



HMDA officers gave a brief on Hyderabad development plan.

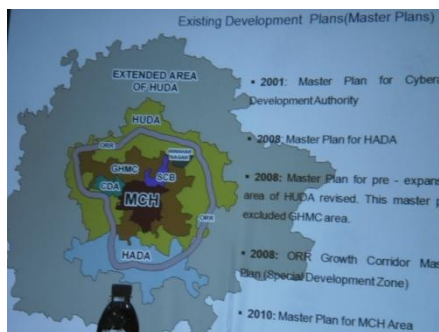


The 'group photo' with the HMDA officers.

HMDA is the second largest urban development area in India after Bangalore Metropolitan Region Development Authority (8,005 sq km). HMDA was formed by the merging of the following erstwhile entities: Hyderabad Urban Development Authority (HUDA), Hyderabad Airport Development Authority (HADA), Hyderabad Development Authority (CDA) and Buddha Poornima Project Authority (BPPA).

HMDA was set up for the purposes of planning, coordination, supervising, promoting and securing the planned development of the Hyderabad Metropolitan Region. It coordinates the development activities of the municipal corporations, municipalities and other local authorities, the Hyderabad Metropolitan Region. The areas under Hyderabad Metropolitan Development Authority include:

- I. 16 mandals in Hyderabad district
- II. 24 mandals in Ranga Reddy district
- III. 10 mandals in Medak district
- IV. 5 mandals in Nalgonda district
- V. 3 mandals in Mehboobnagar district



Development plan of Hyderabad that have been prepared by HMDA.



An envelope given by HMDA contains articles and brochures of Hyderabad development plan.



The participants gave some information and souvenir from UTM to the HMDA officers.

4.4 Geospatial World Forum

Geospatial World Forum 2011 is organized by GIS Development, an organization dedicated to developing a Global Geospatial Communication Network. Geospatial World Forum offer a platform for the various stakeholders of geospatial technologies from across the globe to come together to deliberate upon the 'Dimensions and Directions of Geospatial Industry'. The conference shall enable technologists to present a peep into what the future holds for the decision makers and users alike in term of usage and applications of this technology. Geospatial World Forum has been graced by the high profile inaugural speakers and plenary speakers who are leaders in their respective domain.



The 'group photo' at the convention center where the World Geospatial Forum being held.



Dr Nazri presenting his project paper.



The participants at the GIS and Remote Sensing Exhibition.

4.5 Other Places

The participants also visit to the historical place in Hyderabad. Those places gave good stories to the participants. The places that have been visited are:

- I. Golconda Fort
- II. Old City of Hyderabad
- III. Taramati Baradari Palace
- IV. Paigah Tombs
- V. Hussain Sagar Lake
- VI. Chowmahalla Palace

The first historical city that the participants has been visited is Golconda Fort. Golconda Fort is a ruined city of south-central India and capital of ancient Kingdom of Golconda. This fort was situated 11 km west of Hyderabad. Then, they also visit the Old City of Hyderabad. There, the participants visited many places such as, Makkah Masjid, Charminar and Laad Bazaar. Makkah Masjid is the oldest mosques in Hyderabad. It is one of the largest mosques and listed as heritage building. Whether, Charminar is the historic landmarks in the Old City of Hyderabad and Laad Bazaar is the place to buy merchandise, silk, pearl and other souvenirs. In this Old City of Hyderabad also located Chowmahalla Palace. This palace belongs to Nizams of Hyderabad state. All the ceremonial functions including the accession of the Nizams and receptions for the Governor-General were held at this palace.



The participants at the Golconda Fort.



The participants at the Makkah Masjid.

Next, the participants also visit Taramati Baradari Palace which is constructed on the bank of Musi River. The place was full with romantic story of the Sultan with a courtesan named Taramati. Paigah Tombs also have been visited by the participants. The tombs belong to the nobility of the Paigah or the Shums ul Umrahi family. Lastly, the participants visit Hussain Sagar Lake. This lake built by Hazrat Hussain Shah Wali in 1562 to meet the water and irrigation needs of the city. There is a large monolithic of the Gautam Buddha in the middle of the lake which was erected in 1992.



The participants at the tombs.



The participants at the Chowmalla Palace.



Participants at the Hussain Sagar Lake.

5.0 PARTICIPANTS

PROGRAM SUPERVISOR

Prof. Madya. Dr. Ahmad Nazri Muhd. Ludin
Dean of Fakulti Alam Bina
Universiti Teknologi Malaysia

COORDINATOR

Muhammad Azahar Zikri bin Zahari

SECRETARY

Nazarisah Bte Md Resat

TREASURER

Sharifah Nurul Ilya bte Syed Sheikh

ACTIVITIES AND ACADEMIC PRESENTATION

Tengku Amirul b. Tengku Asmara

PROGRAM PARTICIPANTS

Noor Atiqah binti Mad Napiah
Masadam bin Nursan
Norhidayu binti Rahim @ Molan
Noor Suraya binti Abd Rahman @ Hassan
Nur Hafizah binti Md Zin
Noor Kafida bt Kamsani
Nor Shahavin bte Remli

6.0 RESOURCES UTILIZED

ACTIVITIES	RESOURCE REQUIREMENTS	PERSON/INSTITUTIONS INVOLVED
Approval to organize GOP	-	Dean, Faculty of Built Environment
Approval of GOP Sponsorship	-	✓ Bendahari UTM ✓ Pejabat HEP
Approval of educational trip to Jawaharlal Nehru Technological University, Hyderabad	-	Jawaharlal Nehru Technological University, Hyderabad
Approval of educational trip to UCESS, University of Hyderabad	-	University of Hyderabad
Approval of educational trip to International Office, University of Hyderabad	-	University of Hyderabad
Approval of educational trip to Hyderabad Metropolitan Development Authority	-	Hyderabad Metropolitan Development Authority

7.0 GOP IMPLEMENTATION – TIMELINE

ACTIVITIES	MONTH
GOP proposal preparation	October 2010 (2 weeks)
Preparation of the trip	November 2010 (2 months)
Trip to Hyderabad, India	January 2011 (1 weeks)
Preparation of Daily Report and Financial Report	January 2011 (2 weeks)
Submission of reports	February 2011

8.0 DESCRIPTION OF OUTPUT

The GOP to Hyderabad, India gave a lot of valuable input, knowledge and the experience living outside the country to the participants. This program also gives the opportunity to feel the ambiance and culture of India. This program also makes the relationship between students and lecturer getting closer.

During the trip in Hyderabad, the students have been exposing to the education system, technology and the governing style at Hyderabad. It is quite different with Malaysia because of the differences vision in each country. In Hyderabad, the higher education started with undergraduate and they need to accomplish till the master level to have the certificate of education. This information was achieved from the University of Hyderabad and Jawaharlal Nehru Technological University.

There also, have a good technology in design and software engineering. Went to the exhibition held at the World Map Forum, had make our mind open. The local agencies and software consultants there are very competitive comparing to Malaysia. We also have taken a look to the development plan of Hyderabad which has been presented by Hyderabad Metropolitan Development Authority. The plan was very good and adaptable. But still, difficulties occur in implementing the plan. They cannot develop the plan because the authority was not funded by the local government.

9.0 TESTIMONIALS

Experience in Hyderabad, India was very meaningful. The participants of this program have been shared their taught about this program:

In my opinion, it is good travelling to India. Since that we have conference here, we manage to see around Hyderabad, Andra Pradesh. Hyderabad is a historical city. The social pattern here also very different compared to Malaysia. Still, the Indian's knowledge in geographical information system are very good. So, there are no reasons to say that without good facilities, we cannot achieve a good knowledge. Last but not least, "Phir bhir dil hey hindustani!"

(Muhammad Azahar Zikri bin Zahari)

Hyderabad, India gave me the experience and lessons about life and living conditions in foreign places. Adventure to India gave me a thousand memorable experiences not to be forgotten and will be remembered for a lifetime.

(Nazarisah Bte Md Resat)

GOP Program provides valuable experience in my life because this is my first experience in a foreign country. Through this program the GOP to Hyderabad, I realized that very grateful when they are in their own country.

(Nur Hafizah Binti Md Zin)

For me the GOP is a program that provides many benefits to students who follow. During this visit I gained a lot of experience from various angles, such as lifelong learning in the field of GIS through the conference and visits to renowned universities in Hyderabad. In addition, the most valuable experience is to see and feel themselves living in foreign countries where development is planned in the Hyderabad area has roughly the difference is very significant to his own country. As a student taking the course town planning I will be use my experience to use in the future.

(Noor Atiqah binti Mad Napiyah)

This is the first time I come to Hyderabad. The view in Hyderabad is very different compare with Malaysia. What I mean about the people, culture, food and other. But I am very happy because given the opportunity to visit interesting places in Hyderabad and I learned many things about Hyderabad.

(Nor Shahavin bte Remli)

Visiting Hyderabad is the experience that I will always treasured in my heart. Although the journey was only one week, I learned and experienced so many things while I was there especially their differences in cultures, lifestyle, foods, environments, climate and others. Among those, one of the things that attract me most is their transportation and linkages system. In Hyderabad, their roadway always congested with cars and people who crossing by. Although their traffic system is not as good as ours, they still manage to avoid accident from occurring. That is the experience that I will never forget.

(Noor Kafida bt Kamsani)

There are many new things I achieved from this trip. Those are about their culture, social and economy. As we know, the Indian's population was very high and this will give impact to their economic sector. Because of that, I feel very grateful that I live in Malaysia.

(Masadam bin Nursan)

As an ordinary student in Malaysia, I had my own perspective view to India. My first perception is India was a horrible place because of their lifestyle, economy and political aspect. After living there about a week, I change my perception. My first perception was wrong. It is great living in India. We are not alone.

(Tengku Amirul bin Tengku Asmara)

10.0 KEY CONTACT PERSON

PROF MADYA DR AHMAD NAZRI MUHAMAD LUDIN

Dekan

Fakulti Alam Bina

Universiti Teknologi Malaysia

E –mail : b_anazri@utm.my

Tel : 07-5530601

Fax : 07-5566155

MUHAMMAD AZAHAR ZIKRI BIN ZAHARI

Sarjana Muda Perancangan Bandar Dan Wilayah

Fakulti Alam Bina

Universiti Teknologi Malaysia

E-mail : zikloose@gmail.com

Tel : 019-7114118