

FIELD TRIPS/ STUDY TOURS (2018- 2019)

1. Field Trip to the Indian Institute of Technology, Guwahati- Physics Dept

A Field Trip was organised to the Indian Institute of Technology, Guwahati on the 07/09/2018. All Honours students of the Department accompanied by all Faculty members went for the trip.

Objective: The objectives of the Field Trip are as follows

- (i) To expose the students to areas of learning beyond their curriculum.
- (ii) To open up opportunities for students to interact with experts from different fields of Physics.

Expected Outcome: It is expected that the trip will instill curiosity in the students and channelize them in the right direction as far as their career is concerned.

Total Expenditure incurred = Rs 20,255/-

Number of Participants - 66

2. Winter School on Mathematics for College students of the North-Eastern region –

Mathematics Dept

The Winter School on Mathematics for College students of the North-Eastern region was organised by the Indian Statistical Institute, North East Centre, Tezpur, Assam at the Indian Statistical Institute (ISI), Tezpur University Campus. from 15.01.2019 to 19.01.2019.

The Objective of the programme was to nurture undergraduate students of Mathematics of the North-Eastern states by giving them extensive training in basics of Mathematics at undergraduate level by eminent professors of the Indian Statistical Institute. Such a training by well-known teachers and researchers would give them an exposure to the rigour yet beauty of Mathematics as a subject and motivate them to pursue higher studies in the subject.

The topics covered during the programme were: Real Analysis, Linear Algebra, Calculus of several variables, Application of Mathematics in Physics and A Journey from Galilean to Lorentz transformation.

Targeted participants: Second/third year students with major/honours in Mathematics of the North-Eastern states. The inaugural function was held on 15.01.2019 at the seminar hall at 9.30 am which we were briefed about the academic functions of the ISI and the importance of ISI.

Prof. Biblab Basak, Prof S.K.Ray, Prof. S.Purkayastha and Prof. G.Kar of ISI Kolkata were invited to deliver lectures in this course as resource persons.

Selected topics were explained theoretically by the concerned resource persons.

Each class had a duration of 1 hour, 30 minutes followed by half an hour break. The total number of classes per day was four running from 9.30 AM to 6.00 PM. Attendance was regularly taken and absence of any student was carefully observed.

On the last day, during the valedictory function, Prof.B.Basak and Prof. S.K.Ray distributed the certificates to each student and concluded the programme after delivering the vote of thanks.

- 1) The students also visited South and North Goa and the major tourist attractions of the state; the Churches of Goa, the Mangeshee Temple, Aguada Fort and of course the beaches where they got to interact with the tourists too. A lot of water sport activities were also enjoyed by the students at the beaches like Jet Skiing, Parasailing, water rides and others.
- 2) The main objective of the trip was to gather knowledge and exposure on water sport activities. The students were thus taken to the National Institute of Water Sport, an Institute established under the Ministry of Tourism, Government of India, here a session with the Chief Instructor, Shri Ranjit Singh was conducted and followed up by a water sport activities tour around the institute.

The trip had given a lot of opportunities to see the possibilities of establishing tourism enterprises in different areas, from farming to handicrafts making, home-stays to local cuisines and tapping resources available locally and conducting activities associated with the resources. Goa being a remarkable tourist destination is one of the states in India that has applied the concept of tourism for livelihood, as visible from the local home-stays and food but at the same time its culture has been exploited because of foreign influences brought in by international visitors. Thus, it is a place where students get to see a lot of how opportunities were being tapped and use for tourism activities and at the same time to prepare with relevant measures and techniques of sustaining the resources and protect them.

Exposure and hands on experience were also received during the session at NIWS, where different types of water sport activities were being explained and how to conduct them practically at the beach. So basic techniques of conducting them with safety measures were instructed and the same knowledge students can apply while conducting water sport activities in rivers or streams like in rafting, kayaking and others. Students have gathered a lot of knowledge and ideas to set up similar activities at their own region, whether it's a home stay or a restaurant, a plantation or any water sport adventure activities that can be run on rivers and streams.

Number of Participants -5

3. REPORT ON THE NATIONAL TRIP TO GOA

The Department of Tourism and Travel Management, Lady Keane College, Shillong has taken the students of the Bachelor of Tourism and Travel Management BTTM Semester IV for a National Trip to Goa from the 30th January to 12th February 2019. The theme for this national trip was on 'Adventure Tourism – Water Based Adventure Sports'. This trip was undertaken as per the curriculum of Semester IV (BTM-414 Field Trip Report) where student has to submit a report and will be evaluated before the end of the Semester IV. A panel of two examiners shall evaluate the reports along with two teachers accompanying the tour. The report carries 6 credits, 4 credits for tour report and two credits for presentation.

The students of BTTM semester IV were divided into groups and each group had prepared an itinerary and was submitted on the 14th November 2018. One of the itineraries was selected which was prepared by Diane Nicole Wahlang, Liyongpi Rudy and Ravella Kharपुरi. The students also had a chance to visit and attend a session at the National Institute of Water Sport on water based adventure sport activities.

The following were the objectives of the trip:

1. To provide practical exposure to students pursuing the course.
2. To witness and observe the tourism activities at major tourist sites.
3. Enlightening them more on the usage of resources for tourism.
4. Get hands on experience on water sports activities.
5. Get more practical knowledge on conducting water sport activities, safety procedures and handling emergencies from experts.

The tour comprises of the following important areas

- 3) The itinerary included a visit to Tropical Spice Plantation where students were taken on a tour around the 40 acres of the plantation area that is open for visitors, interacted with the guide and learnt a lot about spices and their medicinal properties.
- 4) The students also visited South and North Goa and the major tourist attractions of the state; the Churches of Goa, the Mangeshee Temple, Aguada Fort and of course the beaches where they got to interact with the tourists too. A lot of water sport activities were also enjoyed by the students at the beaches like Jet Skiing, Parasailing, water rides and others.
- 5) The main objective of the trip was to gather knowledge and exposure on water sport activities. The students were thus taken to the National Institute of Water Sport, an Institute established under the Ministry of Tourism, Government of India, here a session with the Chief Instructor, Shri Ranjit Singh was conducted and followed up by a water sport activities tour around the institute.

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Number of participants – 13 teachers and 4 teachers

PHOTOGRAPHS:



4. Industrial Visit to IoT Lab, IT Department, North Eastern Hill University, Shillong- Computer Science Dept

The Department of Computer Science, Lady Keane College, Shillong has conducted an Industrial Visit to IoT Lab, IT Department, North Eastern Hill University (NEHU), Shillong on 12th March 2019, for all the students and teachers of the department. Three teachers and six students have attended the programme.

AIM

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this is, it allows students to know things practically through interaction and working methods. Moreover, it gives a lot of exposure from academic point of view. The main aim of the industrial visit is to provide an exposure to students about practical working environment through which the students can get awareness about latest things in Computer Science (such as IoT) apart from the academic curriculum.

DETAILS OF THE VISIT

During the visit the research scholars of IT Department from the field of IoT(Internet of Things) started by giving an introduction on IoT. The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. They have also demonstrated on few of the IoT tools such as Smart Lighting Test Bet, Prototype for light Automation, Controlling light from mobile phone and Smart home Security System. Smart lighting Test bet is a tool which controls the street lights within NEHU campus. Based on a threshold value the lights will be switched off automatically. Prototype for light Automation is a tool which includes LED bulb, LDR Sensor as light sensor and gateway. Smart phone Security System is a system which is used for detecting intruders through camera using motion sensor.

CONCLUSION

Through the visit the students have gained a great knowledge about IoT theoretically as well as practically and are also inspired especially to pursue research in this area.

Number of Participants - 9

5. Educational Survey -Education Dept

OBJECTIVE : - TO ASSESS THE INFRASTRUCTURAL CONTENT OF PRIMARY SCHOOLS UNDER MAWKYNREW BLOCK.

The VI Semester Students ,Department of Education , Lady Keane College conducted a survey on the 14th of March 2019 to assess the conditions of Infrastructure of Primary schools falling under Mawkynrew Block. The total number of students who undertook the survey was 28.They were divided into 5 different groups .The students interacted with the Head of the respective Institutions,the teachers and the students.A tool containing questions relating to the Infrastructure of Schools was used during the survey .

In assessing the Infrastructure of primary schools, certain criteria were set for evaluation of the above objective . These criteria include certain basic essentials facilities considered essential for any schools such as Electricity Connection,Drinking Water facilities,Staff room,Toilets,Playground,etc.

Under the survey conducted, five schools were selected for evaluation of our said objective,the schools selected were :-

1. Mawkynrew Presbyterian Upper Primary School
2. R.C. Upper Primary School, Pashang
3. R.C. Lower Primary School, Pashang
4. R.C. L.P and U.P School , Laitdiengsai
5. Jatah Nonglyer Prebyterian School.

Based on the Survey which was conducted, it was found that the Average number of students in each school is 67,the type of school is Co-Educational.Most of the Primary Schools lacked basic facilities such as Principal's Room,Staff Room,Separate Toilets,School laboratory,etc.

The Survey was conducted by the students of the Department under the guidance and supervision of the teachers of the department of Education.

The duration taken for preparation and to conduct the Survey was 8 days (7th of March -14th of March 2019).

The Principal Investigator of the Educational Survey that was conducted in Mawkynrew Block ,East Khasi Hills District ,Meghalaya is Mrs Kerdalari Dkhar,Assistant Professor,Department of education,Lady Keane College.

Number of Participants - 32