PROFILE OF THE ELECTRONICS DEPARTMENT

The Department of Electronics started in the year 1982 as a general subject in B.Sc. In the year 1992 Electronics Major or Honours was introduced.

THE FACULTY:

<table>
<thead>
<tr>
<th>NAME</th>
<th>DESIGNATION</th>
<th>QUALIFICATION</th>
<th>JOINING YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR. D.R. CHOUDHURY.</td>
<td>HEAD DEPARTMENT ASSOCIATE PROFESSOR</td>
<td>M.Sc, PhD</td>
<td>1989</td>
</tr>
<tr>
<td>PROF. S. CHAKRABORTY</td>
<td>ASSISTANT PROFESSOR</td>
<td>M.Sc</td>
<td>1998</td>
</tr>
<tr>
<td>PROF. K. CHAKRABORTY</td>
<td>ASSISTANT PROFESSOR</td>
<td>M.Sc</td>
<td>2006</td>
</tr>
<tr>
<td>DR H C MEDHI</td>
<td>ASSISTANT PROFESSOR</td>
<td>M.Sc, PhD</td>
<td>2010</td>
</tr>
<tr>
<td>PROF. B P THANGKHIEW</td>
<td>ASSISTANT PROFESSOR</td>
<td>M.Sc, NET</td>
<td>2011</td>
</tr>
<tr>
<td>Mr. A MAJAW</td>
<td>LAB ASSISTANT</td>
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</table>

WORKSHOP SEMINAR/POPULAR TALK/WORKSHOPS/SYMPOSIA ORGANISED OR HELD BY THE DEPARTMENT (From 2009 TILL DATE)

5. Organized a seminar on “Microprocessor and its Application” by Prof Dr P K Baruah, H.O.D, USIC, Guwahati University on 18th of August 2012.

PUBLICATIONS BY MEMBERS OF THE DEPARTMENT


PROJECTS UNDERTAKEN BY THE DEPARTMENT- Dr. H. Medhi has applied for financial help from UGC for a Minor Research Project

PAST FACULTY:
Prof Dulal Ranjan Bhattacharjee - Retired on 2002
Prof Wandell Passah - Retired on 2011

LIST OF ALUMINI AND THEIR PRESENT POSITION

<table>
<thead>
<tr>
<th>NAME</th>
<th>YEAR</th>
<th>PRESENT POSITION</th>
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<tbody>
<tr>
<td>Mithun Sen</td>
<td>2010</td>
<td>Working in TCS</td>
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<tr>
<td>Jhimti Paul</td>
<td>2010</td>
<td>Working in TCS</td>
</tr>
<tr>
<td>Shaurav Shah</td>
<td>2011</td>
<td>BTech ECE</td>
</tr>
<tr>
<td>Ajay Roy</td>
<td>2011</td>
<td>BTech ECE</td>
</tr>
<tr>
<td>Md Faisal M Qureshi</td>
<td>2011</td>
<td>Msc</td>
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<tr>
<td>Sunil V Lobo</td>
<td>2011</td>
<td>Msc</td>
</tr>
<tr>
<td>Priyanka Shome</td>
<td>2011</td>
<td>BTech IT</td>
</tr>
<tr>
<td>Manoj Chhetri</td>
<td>2012</td>
<td>BTech ECE</td>
</tr>
<tr>
<td>Gaurav Paul</td>
<td>2012</td>
<td>Msc</td>
</tr>
<tr>
<td>Akash Poundel</td>
<td>2012</td>
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</tr>
<tr>
<td>Paulal John</td>
<td>2013</td>
<td>BTech ECE</td>
</tr>
<tr>
<td>M Robi Meitei</td>
<td>2013</td>
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<tr>
<td>Jeffrey L Mawlong</td>
<td>2013</td>
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<td>Raymond Kharumnuid</td>
<td>2013</td>
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</tr>
<tr>
<td>Vicor Saha</td>
<td>2013</td>
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<tr>
<td>Prosperwell Sunn</td>
<td>2013</td>
<td>Msc</td>
</tr>
<tr>
<td>Damodar Gharti</td>
<td>2013</td>
<td>Msc</td>
</tr>
<tr>
<td>Sunil Chettri</td>
<td>2013</td>
<td>Msc</td>
</tr>
<tr>
<td>Harvinder S Aoulakh</td>
<td>2013</td>
<td>Merchant Navy</td>
</tr>
<tr>
<td>L. Biswaraj Singha</td>
<td>2013</td>
<td>Msc</td>
</tr>
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7. LIST OF ACHIEVEMENT/ACTIVITY OF THE DEPARTMENT
1. The Department took actively involved in preparing the Three Year Degree Semester Syllabus which will be implemented from 2014.
2. The Department was approved by UGC to run a Course on Basic Electronics and Computer assembling under the career oriented Scheme of UGC which the Department is conducting successfully since 2009
3. The Faculty of the Department are appointed members of BUGS of Electronics Degree course as well as NEHU- Engineering College
5. The Department is called for to judge in different Science Activities in the School and College level
6. The Department is also Involved in different confidential assignment of the University like Question setting, Moderation, Correction and Tabulation
7. Actively involved in the Designing and Maintenance of the Equipments of the Electronics Department.
8. The Department also renders help and advice to other college regarding Electronics
9. Many a times students from the Electronics Department has begged the best graduate award in the NEHU degree exam

ANY OTHER RELEVANT INFORMATION

Workshop/Seminar attended by the Dr. D. Roy Choudhury
1. Participated as a coordinator in the National Workshop on “Computer Interfacing of Physics Experiments” held on the 11th to 13th May, 2009
2. Participated in the one day Seminar on "Recent Developments in Electronic Applications" organized by the Department of Physics, Lady Keane College on the 7th of December, 2009.
3. Participated in the three-day Workshop on “Electronics Circuit Designing, Fabrication and Testing” organized by the Department of Physics, Lady Keane College on the 8th to 10th of December, 2009.
4. Participated in the three-day Workshop on “Micro Electro Mechanical Systems (MEMS) Technology and its Application” organized by the Department of Electronics and Communication Engineering, NEHU, Shillong and the North Eastern Space application Center (NESAC), Department Of Space, Govt. of India held on 25th and 27th March, 2010
5. Participated in the two-day Workshop on “Physics in Welding Technology” organized by the Department of Physics, Lady Keane College, Indian Welding Society, New Delhi and IGNOU Institute for Vocational Education and Training (IVET) Shillong, held on the 13th of December, 2010
6. Participated in the three-day Workshop on “PC Assembling and Repairing” “organized by the Department of Physics, Gauhati University, Assam on the 21st to 23rd of December, 2010.
7. Participated in the one-day Workshop on “Changing Paradigm in College Education-problem and challenges” organized by the Economic association in collaboration with IQAC, St. Edmund’s college, Shillong, held on the 29th October, 2011
8. Participated in the two-day National Seminar on “Commemoration of the Centenary year of Bohr’s Atomic Theory” organized by the Department of Physics, Lady Keane College in collaboration with The Department of Physics, NEHU, held on the 23rd and 24th August 2013

Workshop/Seminar attended by the PROF.S CHAKRABORTY
2. Participated in the INDO-JAPAN International Workshop on “Speciality Optical Fiber, Nano-Photonics and Devices” organized by CSIR- Central Glass and Ceramic Research Institute, Kolkata from Jan.6 to Jan.7, 2012
3. Participated in the one day Seminar on ”Recent Developments in Electronic Applications” organized by the Department of Physics, Lady Keane College on the 7th of December, 2009
4. Participated in the two-day National Seminar on “Commemoration of the Centenary year of Bohr’s Atomic Theory” organized by the Department of Physics, Lady Keane College in collaboration with The Department of Physics, NEHU, held on the 23rd and 24th August 2013
5. Delivered a lecture on “Maxwell’s equations and its applications in the field of communication” in Karimganj College in Dec. 2009

Workshop/Seminar attended by PROF.K.CHAKRABORTY
1. Participated as a coordinator in the National Workshop on “Computer Interfacing of Physics Experiments” held on the 11th to 13th May, 2009
2. Participated in the one day Seminar on "Recent Developments in Electronic Applications" organized by the Department of Physics, Lady Keane College on the 7th of December, 2009.

3. Participated in the three-day Workshop on "Electronics Circuit Designing, Fabrication and Testing" organized by the Department of Physics, Lady Keane College on the 8th to 10th of December, 2009.

4. Participated in the three-day Workshop on "Micro Electro Mechanical Systems (MEMS) Technology and its Application" organized by the Department of Electronics and Communication Engineering, NEHU, Shillong and the North Eastern Space application Center (NESAC), Department Of Space, Govt. of India held on 25th and 27th March, 2010.

5. Participated in the two-day Workshop on "Physics in Welding Technology" organized by the Department of Physics, Lady Keane College, Indian Welding Society, New Delhi and IGNOU Institute for Vocational Education and Training (IIVET) Shillong, held on the 13th of December, 2010.

6. Participated in the two-day National Seminar on "Commemoration of the Centenary year of Bohr’s Atomic Theory" organized by the Department of Physics, Lady Keane College in collaboration with The Department of Physics, NEHU, held on the 23rd and 24th August 2013.

7. Participated as a resource person in the workshop "Hands on Training in electronics" conducted by ST. MAY’S COLLEGE, 28th Sept, 2013 supported by DBT.

Workshop/Seminar attended by DR H C MEDHI:

1. Participated in a Workshop on "Introductory statistical data analysis" at Department of Computer Science and Engineering, Rajiv Gandhi University, Itanagar, August 28-September 1, 2007.

2. Participated in a workshop on "Physics with Homemade Equipment and Innovative Experiments" from 12th Nov, 2007 to 17th Nov 2007 held at Inter University Accelerator Centre, New Delhi.

3. Participated in a Workshop on "Image and signal Processing (WISP-2007)" December 28-29, 2007 IITG.

4. Participated in a 2 weeks ISTE workshop on "Basic Electronics Under the National Mission on Education Through ICT (MHRD, Govt. of India)" from 28th June to 8th July, 2011, DBCET, Guwahati.


6. Participated in an IEEE Workshop on "Compressive Sensing and Technical writing" on 6th and 7th April 2013 at IIT Guwahati under IEEE Kolkata Section.

Conference attended by DR H C_MEDHII:


2. VI th National Conference of the Physics Academy of North East on Physics Research in North East held on April 2-4, 2009 organized by Department of Physics, Tripura University.


Talk delivered/paper presented by DR H C MEDHII:


2. Paper presented in the 6th National conference of the PANE, held on April 2-4, 2009 organized by Department of Physics, Tripura University, Tripura.


4. Member: Member of environmental Society of ASSAM.

5. Resource Person: Workshop on Hands on Training in electronics, conducted by ST. MARRY’S COLLEGE, 28th Sept, 2013 supported by DBT.

Workshop/Seminar attended by PROF B P THANGKHIEW
1. Participated as a resource person in the workshop “Hands on Training in electronics” conducted by ST. MARY’S COLLEGE, 28th Sept, 2013 supported by DBT.

2. Attended a Refresher course on ‘Computational Physics’ conducted by the Department Of Physics under Academic Staff College from June,2013 to June 2013.