



PROCEEDINGS ON
“WORKSHOP
ON
COMPUTER HARDWARE AND NETWORKING”

Date: 9th October 2018

Venue: Auditorium,
Govt. Zirtiri Residential Science College

Organized by
Department of Computer Science,
Govt. Zirtiri Residential Science College

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INTRODUCTION

We live in a fast-moving world where almost everything must come instantly to us. In this computer era, we depend on the computer to help us complete tasks, and to solve problems.

By computer education, we mean learning how the basic concepts related to a computer works, gaining the basic knowledge of computer operation, knowing about the basic components of a computer, the basic concepts behind the use of computers and knowing how some of the elementary computer applications constitute computer education. Learning about the computer basics followed by a practical experience of using a computer is the key to computer education.

The Departmental meeting on felt the need of organizing such workshop and the committee assigned Mr. Lalhruitluanga and Mr. Laldingliana Sailo as the Organizing Chairman and Organizing Secretary respectively. After many speculations, the organizing teams choke out the dates (which is 9th of October 2018) and procedures as well as the resource persons to be invited.

This workshop has been designed to be practical with lectures, examples and exercises to provide skills, encourage participation and exchange information, and also to conquer the practical knowledge of computer networking apart from their class syllabi.

THE ORGANISING TEAM

As mentioned above the Organizing team consists of the following :

Organizing Chairman: Mr. LALHRUAITLUANGA
Organizing Secretary: Mr. LALDINGLIANA SAILO

Organizing Members:

Ms MS DAWNGLIANI
Mr H.THANGKHANHAU
Mr VANLALLURA
Mr. LALREMTLUANGA
Ms R. LALMAWIPUII
Ms. NGURZAMI

THE RESOURCE PERSONS

Even though the college itself has many professional IT faculties from the Department of Computer Science, who are capable of giving this kind of training, the organizing committee felt that it would be more interesting if resource person from outside the college be invited and trainings are given by fresh pair of legs. So it is decided that the following IT professionals would be invited as a resource person. The resource persons were:

Er. R DENGCHHUNGA

*B.Tech, Computer Science and Engineering.
Technical Officer, NIELIT*



Currently he is working as a Technical Officer at NIELIT, Zuangtui and has more than 10 years of teaching experiences in various IT training institutes and different colleges. His topic is:

- Computer Hardware

Mr. BARJONES CHORKHY

*MScIT
Senior Network Administrator,
National Informatics Center (NIC), Aizawl*



He studied networking at Cisco Networking Academy and currently he works as a Sr Network Administrator in NIC. His topic is :

- Computer Networking and Network Security.

“THE WORKSHOP”

At 10:00 am, the function starts and students and faculties from the Department of Computer Science register themselves for the workshop and few faculties from other Departments also register themselves.

The Auditorium was filled with excitement and anticipation. Students were eager to listen to the speech. Mr Lalhrualtuanga, the Organizing Chairman chaired and hosted the program. After having introduction about the workshop and introducing the Organizing Teams and the Resource Persons, he invited our respected Principal Mr. Laltanpuia to deliver keynote address. The Principal mention about the importance of having an exposure with Resource persons from other institutions. He enlightened the students with few motivational speech after which the function begins.

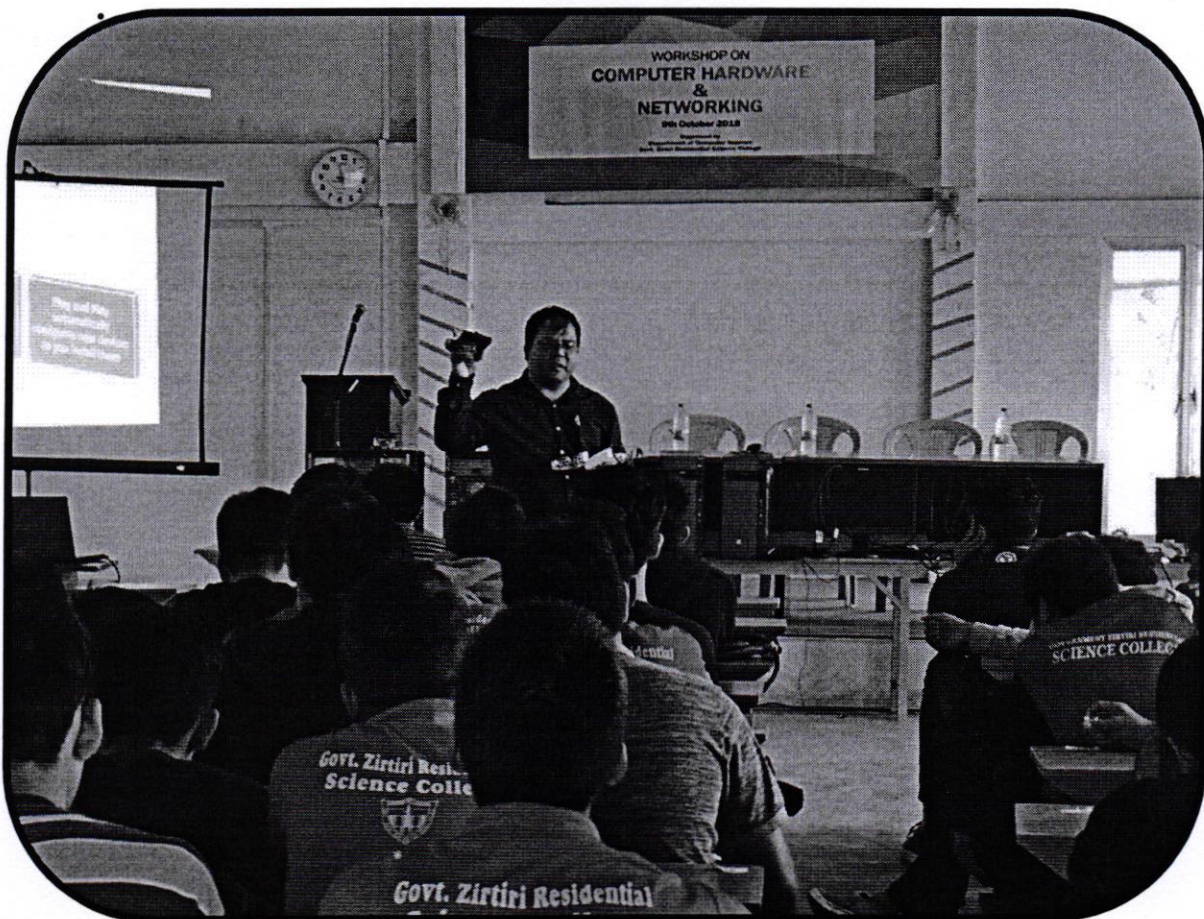


“1st SESSION”

TOPIC : COMPUTER HARDWARE**RESOURCE PERSON : Er R. Dengchhunga**

The topic for this session was “**Computer Hardware**” and the resource person was Er R Dengchhunga (Chhungpuia)

The resource person explains about how different Input Output devices and Computer Peripheral works. He started with the different generations of computers and how different processors were invented during those years. He explained about the working of Computer architecture and how those internal devices work. Being a good conversationalist, his speech was very interesting and the students were very contented to his topic. Two hours was not even enough and the students raised many questions.



“2nd SESSION”

TOPIC : COMPUTER NETWORK SECURITY**RESOURCE PERSON : BARJONES CHORKHY**

The topic for this session was “**Computer Networking**” and the resource person was Mr Barjones Chorkhy.

The session starts at 1:00 pm as scheduled (after lunch break) and Mr. Lalhruaitluanga hosted the program.

The resource person explains about the meaning of Networking and how networking works, he pinpoint a few networking scenarios and explain about how network protocol works. Using a networking software he explain about how CISCO networks are setup. The Participants are very attentive and curious to learn about his topic.



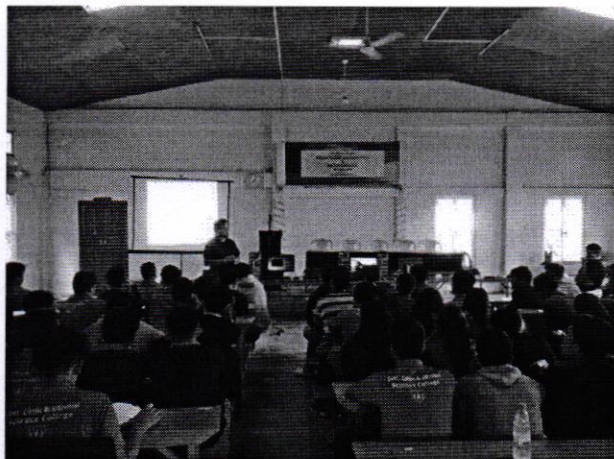


Photo: Students participating in the workshop

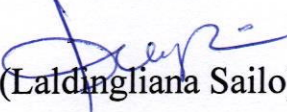


This workshop was organized to inculcate new concepts and chapters from a fresh pair of legs to the students as well as faculties. We felt that conducting this one day workshop was a great success and also found that the students are supplemented with new thoughts and opinions apart from their regular class studies. We thank the Resource persons for accepting our invitation and coming all the way to give us valuable classes apart from their busy schedule.

The participants also found this training to be very useful and will surely helps them in their studies.

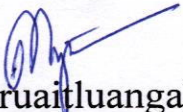
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