MEMORANDUM OF UNDERSTANDING

A Memorandum of Understanding (MOU) is made and executed
On this day The 29th of October, 2019.

BY and BETWEEN
HIGHER AND TECHNICAL INSTITUTE, MIZORAM (HATIM), LUNGLEI
AND
REFIDIM INFOSYS, VENGLAI, LUNGLEI
FOR
HARDWARE COURSE FOR BCA STUDENTS OF HATIM

This is to state that, as HATIM felt the need of letting the First Semester BCA (Bachelor of Computer Applications) Students to know basic Hardware components of Computer Systems. We, Higher And Technical Institute, Mizoram (HATIM) and REFIDIM INFOSYS, Venglai Lunglei will work together with an agreement on the following points:

1. All hardware requirements will be borne by Higher and Technical Institute, Mizoram (HATIM).

2. Head, Department of Computer Sciences will be appointed as the Nodal Officer for the Program by Designation.

3. The program will be Two Hour Every day for One Month. The month will be chosen by the Nodal Officer.

4. The agreement will be terminated after 5 years of Operation (2019 – 2024) and provision can be made to continue the program according to the need felt by both the parties.

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

(VUANSANGA VANCHHAWNG)
Principal, HATIM

Principal
Higher And Technical Institute, Mizoram
Lunglei

(K.LALSANGPUIA)
Proprietor, Refidim Infosys

HIGHER AND TECHNICAL INSTITUTE, MIZORAM

Department of Computer Science

Kawmzawl, Pukpui-796691, Lunglei

BASIC HARDWARE COURSE

OBJECTIVE:

To impart practical knowledge and develops students' skills in diagnosis and troubleshooting of computer systems, as well as in the performance of computer operations since BCA curriculum do not cover Computer Hardware courses. It is mainly design for the student of Bachelor of Computer Applications (BCA).

DURATION:

The program will be ***Two Hour Every day for One Month***. The month will be chosen by the Department of Computer Science in consultation with the Technician.

SYLLABUS:

1. **Study/Demonstration of Different Hardware Units:** Motherboard, Chipset (Intel & AMD), Controller, BIOS, Internal IDE component, SATA, Boot Process, Computer Memory (DDR1, DDR2, DDR3, DDR4 of RAM), LAN Card, Drives (Magnetic, SSD), CPU, Multi USB, CD/DVD Drive, Sound card, VGA, SVGA, HDMI, NIC, etc.

2. **Assemble and Disassemble of Computer:** Desktop Computer System and Laptop Computer.

3. **Installation of Operating System:** Windows 7, Windows 10, Linux: Fresh Installation and by using Symantec Ghost. Hiren's boot CD. Heat Sink and Thermal Paste

4. **Installation of Printer:** Printer Driver and Test Printing

5. **Maintenances and Troubleshooting** :

6. **Safety and Preventive Maintenance** :

7. **Data Recovery** :

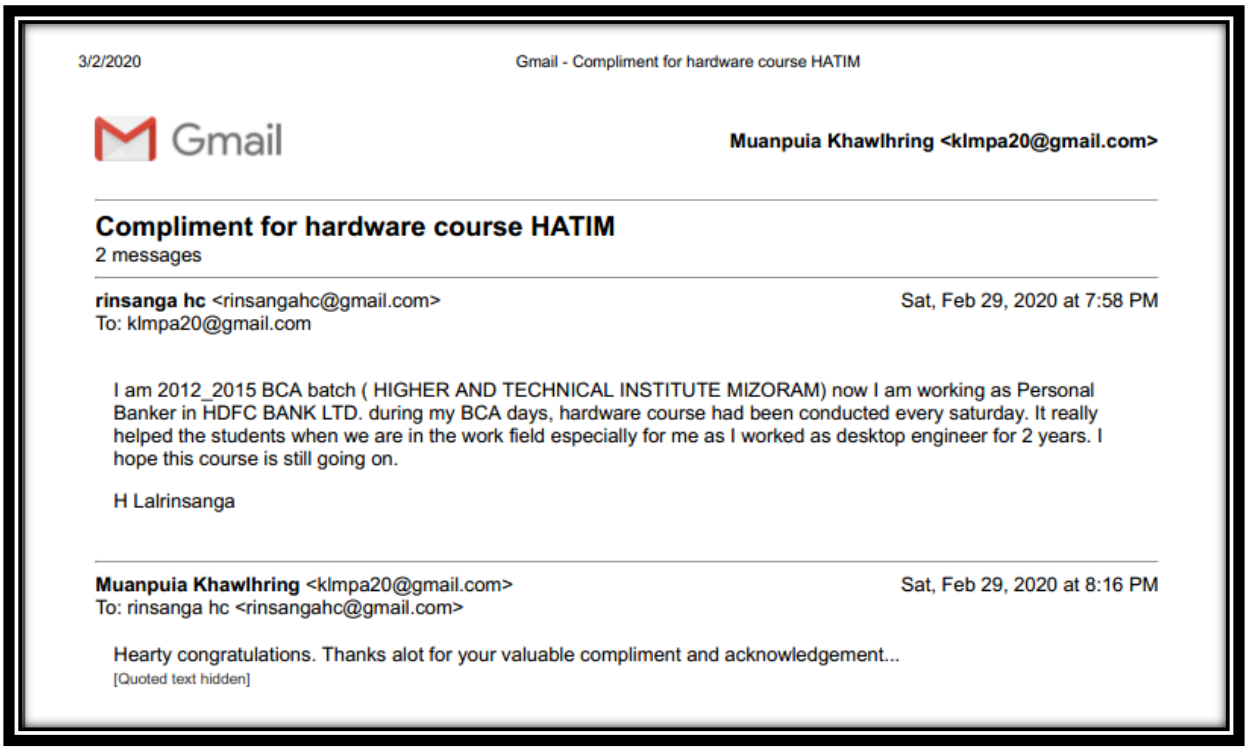
1st Prize Winner, Computer Assembling Competition held on the Department Day i.e. HOLISTICA 6.0 (2018)

SOME OF THE PRACTICAL SESSION

Practice session at their Hostel even at night.

Hardware Practical at their Hostel (College)

TESTIMONY FROM STUDENTS (Alumni)



3/2/2020 Gmail - Compliment for hardware course HATIM

Gmail **Muanpuia Khawlhring <klmpa20@gmail.com>**

Compliment for hardware course HATIM
2 messages

rinsanga hc <rinsangahc@gmail.com> Sat, Feb 29, 2020 at 7:58 PM
To: klmpa20@gmail.com

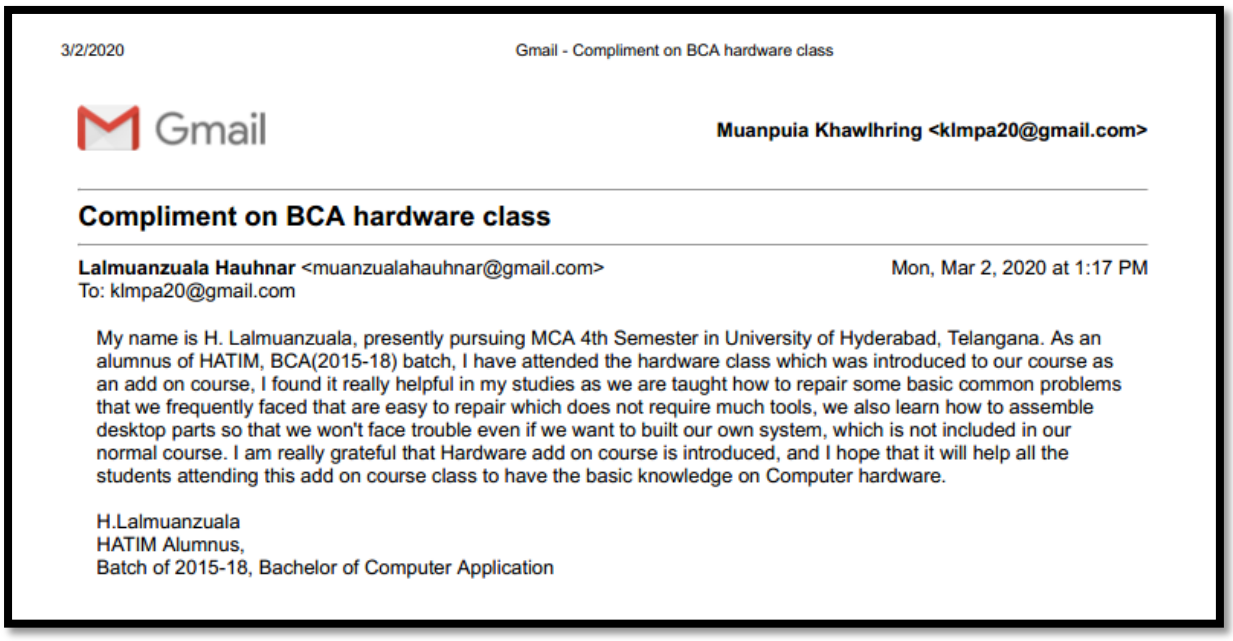
I am 2012_2015 BCA batch (HIGHER AND TECHNICAL INSTITUTE MIZORAM) now I am working as Personal Banker in HDFC BANK LTD. during my BCA days, hardware course had been conducted every saturday. It really helped the students when we are in the work field especially for me as I worked as desktop engineer for 2 years. I hope this course is still going on.

H Lalrinsanga

Muanpuia Khawlhring <klmpa20@gmail.com> Sat, Feb 29, 2020 at 8:16 PM
To: rinsanga hc <rinsangahc@gmail.com>

Hearty congratulations. Thanks alot for your valuable compliment and acknowledgement...
[Quoted text hidden]

Testimony from HC Lalrinsanga, Desktop Engineer, HDFC Bank



3/2/2020 Gmail - Compliment on BCA hardware class

Gmail **Muanpuia Khawlhring <klmpa20@gmail.com>**

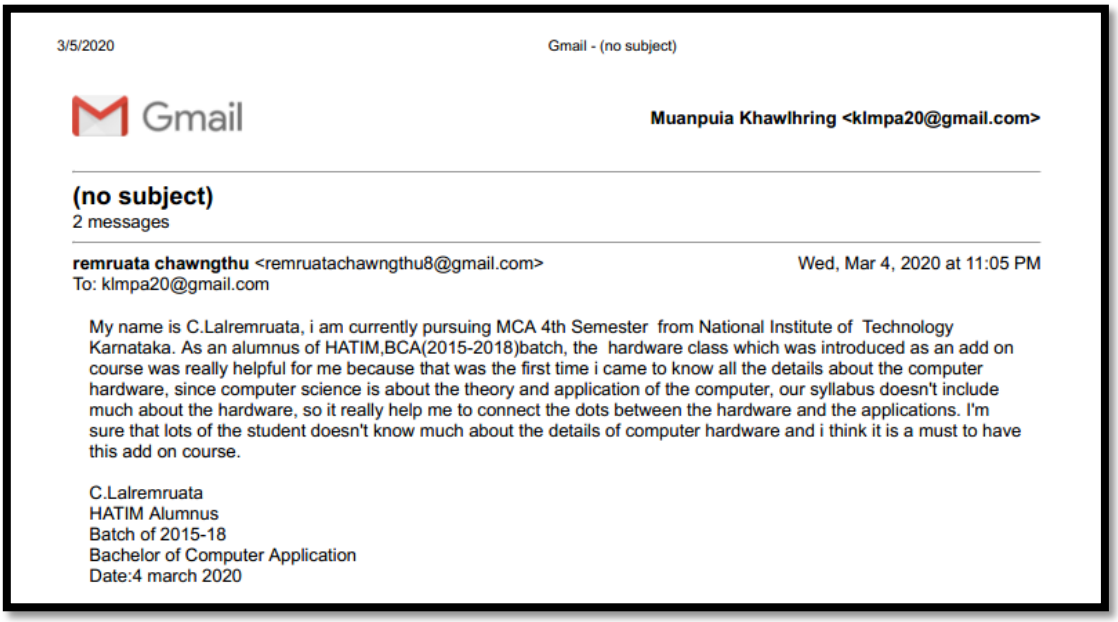
Compliment on BCA hardware class

Lalmuanzuala Hauhnar <muanzualahauhnar@gmail.com> Mon, Mar 2, 2020 at 1:17 PM
To: klmpa20@gmail.com

My name is H. Lalmuanzuala, presently pursuing MCA 4th Semester in University of Hyderabad, Telangana. As an alumnus of HATIM, BCA(2015-18) batch, I have attended the hardware class which was introduced to our course as an add on course, I found it really helpful in my studies as we are taught how to repair some basic common problems that we frequently faced that are easy to repair which does not require much tools, we also learn how to assemble desktop parts so that we won't face trouble even if we want to built our own system, which is not included in our normal course. I am really grateful that Hardware add on course is introduced, and I hope that it will help all the students attending this add on course class to have the basic knowledge on Computer hardware.

H.Lalmuanzuala
HATIM Alumnus,
Batch of 2015-18, Bachelor of Computer Application

Testimony from H.Lalmuanzuala, MCA Student from University of Hyderabad



3/5/2020 Gmail - (no subject)

Gmail **Muanpuia Khawlhring <klmpa20@gmail.com>**

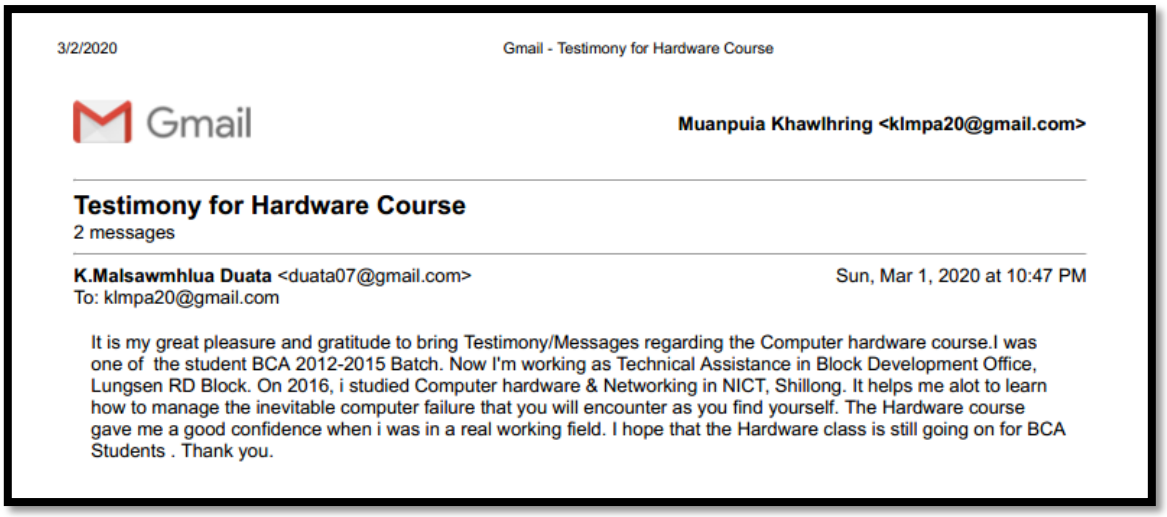
(no subject)
2 messages

remruata chawngthu <remruatachawngthu8@gmail.com> Wed, Mar 4, 2020 at 11:05 PM
To: klmpa20@gmail.com

My name is C.Lalremruata, i am currently pursuing MCA 4th Semester from National Institute of Technology Karnataka. As an alumnus of HATIM,BCA(2015-2018)batch, the hardware class which was introduced as an add on course was really helpful for me because that was the first time i came to know all the details about the computer hardware, since computer science is about the theory and application of the computer, our syllabus doesn't include much about the hardware, so it really help me to connect the dots between the hardware and the applications. I'm sure that lots of the student doesn't know much about the details of computer hardware and i think it is a must to have this add on course.

C.Lalremruata
HATIM Alumnus
Batch of 2015-18
Bachelor of Computer Application
Date:4 march 2020

Testimony from C.Lalremruata,
MCA Student from National Institute of Technology(NIT), Karnataka



3/2/2020 Gmail - Testimony for Hardware Course

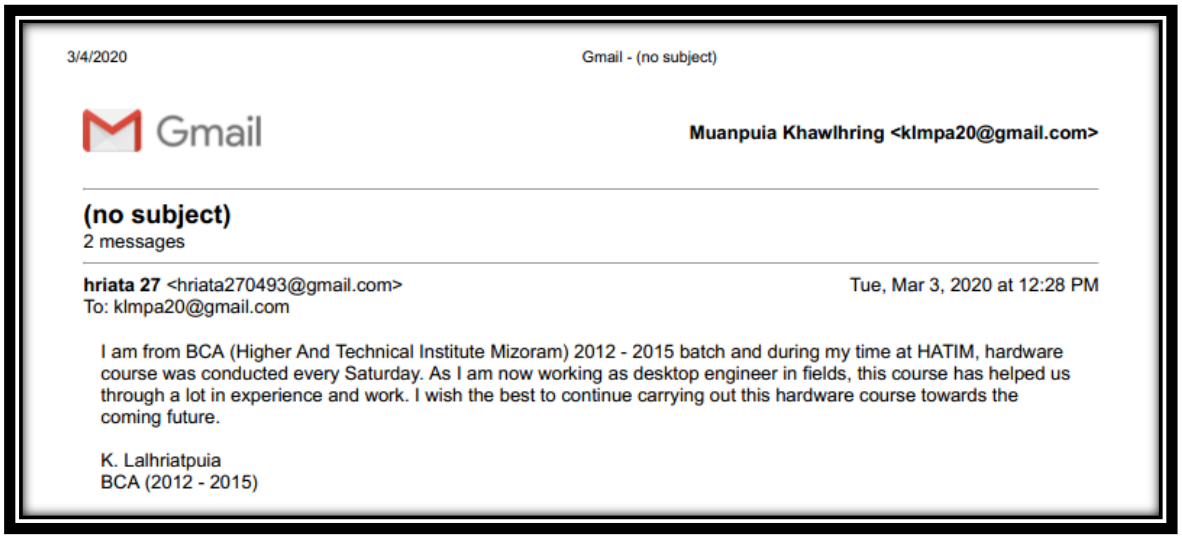
Gmail **Muanpuia Khawlhring <klmpa20@gmail.com>**

Testimony for Hardware Course
2 messages

K.Malsawmhlua Duata <duata07@gmail.com> Sun, Mar 1, 2020 at 10:47 PM
To: klmpa20@gmail.com

It is my great pleasure and gratitude to bring Testimony/Messages regarding the Computer hardware course.I was one of the student BCA 2012-2015 Batch. Now I'm working as Technical Assistance in Block Development Office, Lungsen RD Block. On 2016, i studied Computer hardware & Networking in NICT, Shillong. It helps me alot to learn how to manage the inevitable computer failure that you will encounter as you find yourself. The Hardware course gave me a good confidence when i was in a real working field. I hope that the Hardware class is still going on for BCA Students . Thank you.

Testimony from K.Malsawmhlua, Tech. Assistant, BDO Office: Lungsen



3/4/2020 Gmail - (no subject)

Gmail **Muanpuia Khawlhring <klmpa20@gmail.com>**

(no subject)
2 messages

hriata 27 <hriata270493@gmail.com> Tue, Mar 3, 2020 at 12:28 PM
To: klmpa20@gmail.com

I am from BCA (Higher And Technical Institute Mizoram) 2012 - 2015 batch and during my time at HATIM, hardware course was conducted every Saturday. As I am now working as desktop engineer in fields, this course has helped us through a lot in experience and work. I wish the best to continue carrying out this hardware course towards the coming future.

K. Lalhriatpuia
BCA (2012 - 2015)

Testimony from K.Lalhriatpuia Desktop Engineer, HDFC Bank

Free Servicing of Computer Hardware for the whole community of the College on Department Day i.e. HOLISTICA 6.0 (2018)