

HOUSE OF GEEKS

REPORT: PC ASSEMBLY

WORKSHOP 2022

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GENERAL INFORMATION:

1. TITLE OF THE WORKSHOP: PC Assembly Workshop
2. TOTAL CONTACT HOUR: 4 hours
3. MODE OF REGISTRATION: Online
4. DATE OF COMMENCEMENT OF THE WORKSHOP: 19th September 2022
5. CLOSING OF THE WORKSHOP: 20th September 2022
6. DURATION: 2 days
7. TOTAL NUMBER OF REGISTERED STUDENTS: 30
8. TOTAL NUMBER OF STUDENTS PARTICIPATED: 25

9. TEACHERS-IN-CHARGE:
 - Prof. Melvin Star Majaw, Faculty, Dept of Computer Application
 - Prof. Rajni Khyriem, Faculty, Dept of Computer Application

10. COURSE COORDINATORS:
 - Prof. Melvin Star Majaw, Faculty, Dept of Computer Application
 - Dhanjit Boro, Student, BCA 5th Semester

11. PROGRAMME COORDINATORS:
 - Nikita Ghosh, BCA 5th Semester
 - Mebanlamlynti Kharmawphlang, BCA 5th Semester
 - Jethro Jarvis Roy Jyrwa, BCA 3rd Semester
 - Ankit Bhattarai, BCA 3rd Semester

12. Media Coverage:
 - Prof. Rajni Khyriem
 - Jethro Jarvis Roy Jyrwa
 - Ankit Bhattarai

13. Instructors:
 - Sheetal Chettri, BCA 5th Semester
 - Abhishek Chauhan, BCA 5th Semester
 - Siddharth Ruchal, BCA 5th Semester
 - Dhanjit Boro, BCA 5th Semester
 - Damang Shuwa Diengdoh, BCA 5th Semester
 - Pravesh Burathoki, BCA 5th Semester
 - Eliezer B. Ryngnga, BCA 5th Semester
 - Dipon Narzary, BCA 5th Semester

List of Students who registered for the workshop:

Full Name	Department	Semester
Subhankar Deb Roy	BCA	3 rd
Ronit Kumar Singh	BCA	3 rd
Rohan Yadav	BCA	3 rd
Deepak Rai	BCA	3 rd
Deimonmi Kyndiah	BCA	3 rd
Sagar Thakur	BCA	3 rd
Deep Saha	BCA	1 st
Tengku M Marak	BCA	3 rd
Janak R.	BCA	3 rd
Lanchenba wangjam	BCA	3 rd
Shoohel Akhtar M Khan	BCA	1 st
Aayan Krishna Gogoi	BCA	1 st
Vivian Alexander Lyngdoh Nonglait	BCA	1 st
Aliusmit Surin	BCA	1 st
Animegh Boro	BCA	3 rd
Nytoi yepthomi	BCA	1 st
Kitborlang Dkhar	BSW (Bachelor Of Social work)	3 rd
Gideon Swer	BCA	5 th
Sujal Thakuri	BCA	1 st
Arwan Swer	BCA	3 rd
Steven Syiemlieh	Zoology	5 th
Geetanshu Bhusal	BCA	1 st
M. Kishan Singha	Geography	3 rd
Angeleen Aimesha Kharmalki	BCA	1 st
Aditya kumar	BCA	3 rd
Nathaniel Banteinam Kharkongor	BCA	1 st
Ashish Rai	Bca	3 rd
Suraj	BCA	1 st
Josaiah M Dkhar	BCA	3 rd
Dave Vanlalchhuanga Sharma	BCA	3 rd

Student's Attendance:

Full Name	Department	Semester	19 th Sep. 2022	20 th Sep. 2022
Subhankar Deb Roy	BCA	3rd	1	1
Ronit Kumar Singh	BCA	3rd	0	0
Rohan Yadav	BCA	3rd	1	1
Deepak Rai	BCA	3rd	0	0
Deimonmi Kyndiah	BCA	3rd	1	1
Sagar Thakur	BCA	3rd	0	0
Deep Saha	BCA	1st	1	1
Tengku M Marak	BCA	3rd	1	1
Janak R.	BCA	3rd	1	1
Lanchenba wangjam	BCA	3rd	1	1
Shoohel Akhtar M Khan	BCA	1st	1	1
Aayan Krishna Gogoi	BCA	1st	1	1
Vivian Alexander Lyngdoh Nonglait	BCA	1st	1	1
Aliusmit Surin	BCA	1st	1	1
Animegh Boro	BCA	3rd	1	1
Nytoi yepthomi	BCA	1st	1	1
Kitborlang Dkhar	BSW	3rd	0	0
Gideon Swer	BCA	5th	1	0
Sujal Thakuri	BCA	1st	1	1
Arwan Swer	BCA	3rd	1	0
Steven Syiemlieh	Zoology	5th	1	1
Geetanshu Bhusal	BCA	1st	1	1
M. Kishan Singha	Geography	3rd	1	1
Angeleen Aimesha Kharmalki	BCA	1st	1	1
Aditya kumar	BCA	3rd	1	1
Nathaniel Banteinam Kharkongor	BCA	1st	1	1
Ashish Rai	Bca	3rd	0	1
Suraj	BCA	1st	1	1
Josaiah M Dkhar	BCA	3rd	1	0
Dave Vanlalchhuanga Sharma	BCA	3rd	1	0

Introduction:

House of Geeks, the Computer Application department club of St. Edmund's College, organized a PC assembly workshop for its members. The workshop was designed to educate participants on how to assemble a personal computer from scratch. The workshop was held on, 19th Sep 2022 and 20th Sep 2022 in Room No. 110. The workshop aimed to provide hands-on experience to students on how to assemble and configure a desktop computer from scratch. It was attended by a diverse group of students who were interested in learning about the technicalities of computer hardware. The participants were taught how to assemble a computer step-by-step, starting from the installation of the motherboard, power supply, RAM, and hard disk to connecting the monitor, keyboard, and mouse. The participants were encouraged to ask questions and seek clarification on any doubts they had, making the workshop a highly interactive and engaging experience. The highlight of the workshop was that it was a complete **peer-to-peer learning activity**.

Workshop Structure:

The workshop was divided into three segments. The first segment provided an introduction to the various components of a personal computer, including the motherboard, CPU, GPU, RAM, power supply, and storage devices. The second segment was dedicated to the actual assembly process, during which the participants were instructed on how to properly install each component into the computer case. The final segment involved the installation of the operating system and basic software. The workshop was held over two days, and each day was structured to cover specific topics related to computer assembly and configuration.

Day 1 of the workshop focused on the basics of computer hardware and system building. The participants were given an overview of the different components found in a CPU cabinet and their functions, tools required for assembling a PC, types of CPU. The instructors then demonstrated the steps to assemble a PC, starting with the installation of the motherboard and power supply.

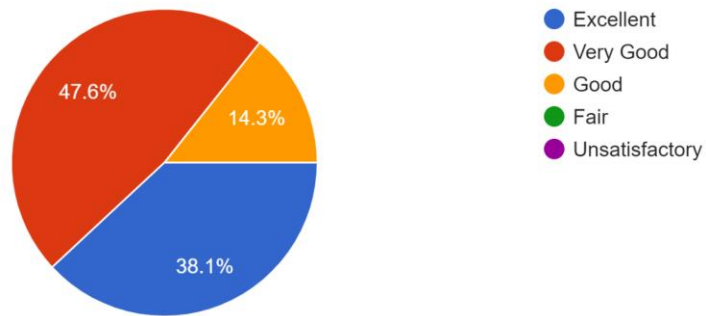
Day 2 of the workshop the participants were given the opportunity to try their hand at assembling the computer themselves. Following this, an instructor from another group came and checked the PC and also tested the participants on a few basic theoretical concepts. The participants were also given hands-on experience in troubleshooting common problems that arise during the assembly and configuration of a computer. After assembly, the participants had to run the CPU and based on this the instructors graded the group. Overall, the workshop structure was designed to provide a comprehensive and interactive learning experience to the participants. The hands-on approach to learning was highly effective in helping the participants gain a practical understanding of computer assembly and configuration.

COURSE FEEDBACK:

The feedback form was designed for the participants using google forms.

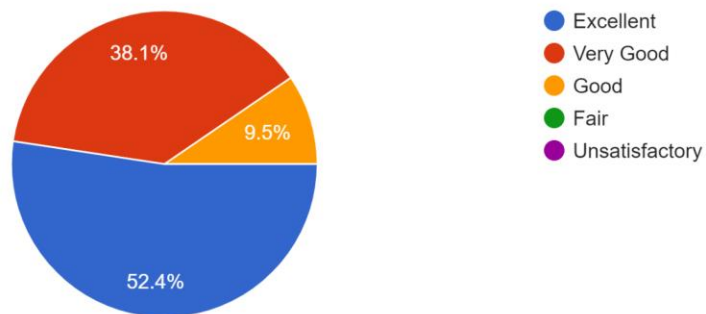
1. Content of the workshop

21 responses



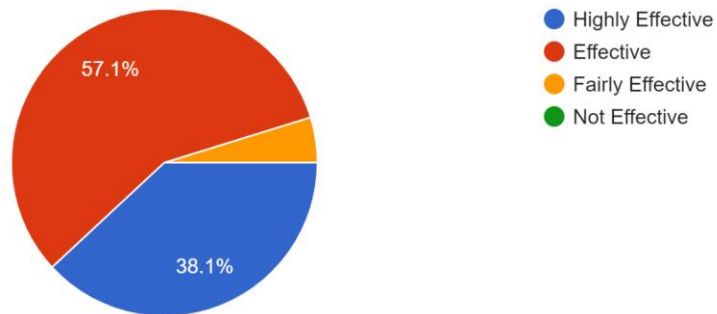
2. Relevance of the topic taught in the workshop

21 responses



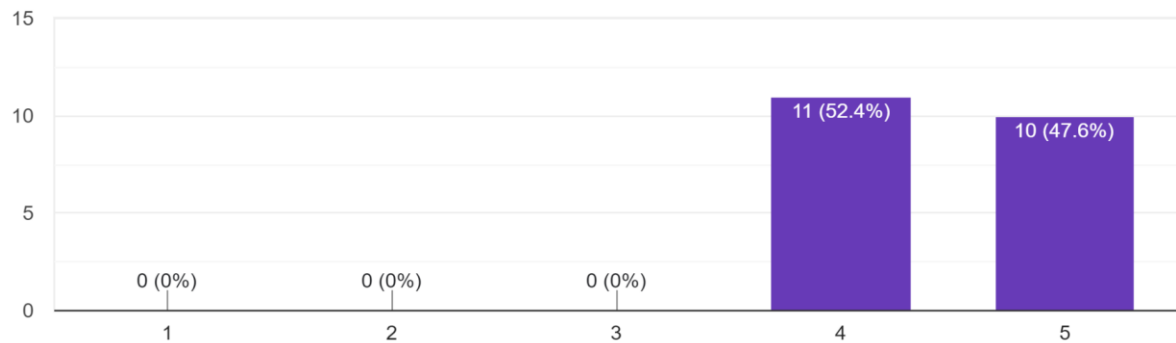
3. Effectiveness of the workshop in future endeavors

21 responses



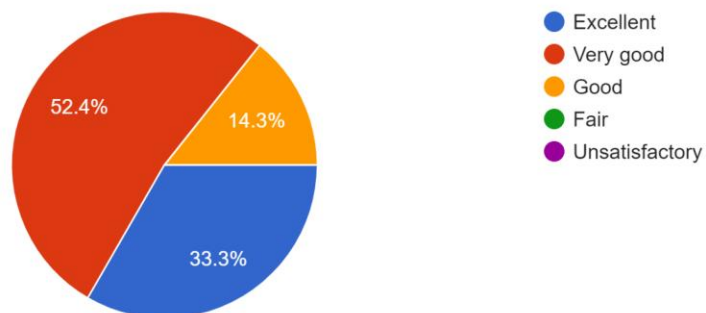
4. On a scale of 1 to 5, how successful was the instructor of your group in delivering and meeting the goals of the course?

21 responses



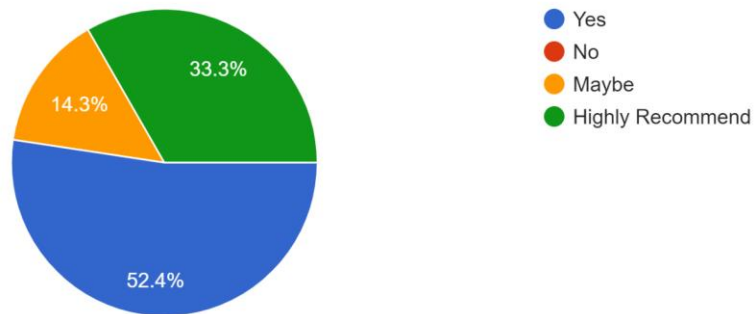
5. Overall Learning Experience

21 responses



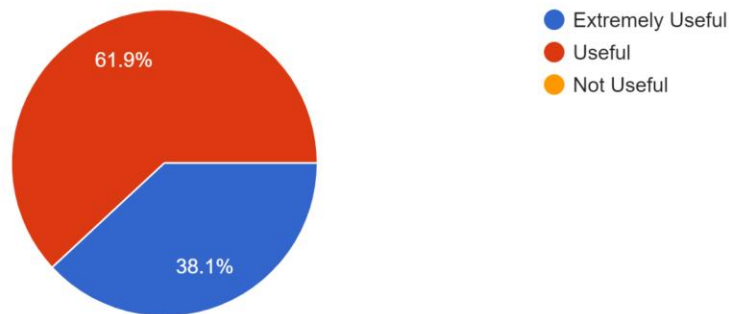
6. Would you recommend this workshop on PC Building to others?

21 responses



7. How useful was participating in this workshop to you?

21 responses



8. What feedback would you like to give to your group's instructor?

21 responses

- Taught me something new.
- Keep smiling, and keeping being the happy teacher/ instructor in the crowd.
- Excellent
- Nothing
- Instructor was very good and clear
- You've taught us well!
- Decent, straightforward instructor
- The instructor was good enough but at the beginning he was kind of struggling to convey the information but later on he maintained the cool and carried on with his duty.

8. What feedback would you like to give to your group's instructor?

21 responses

Overall it was a wonderful experience, insightful and easy to follow instructions, was always ready to clear any doubts or confusion and taught in a very enthusiastic and entertaining manner.

My group's instructor was great overall. He was kind and his instructions were clear and easy to understand and he made sure that every member in the group was on the same page.

You have taught us well

He was a little bit confusing to us but we managed.

Thank you for the course, it was good

Thanks for teaching us

Our group instructor was nice and very friendly. He only missed one thing to teach us which he would have taught if he had got enough time.

Calm down and don't be so nervous

He was perfect

Excellent

It was a short but beneficial hour with you. You were calm and successful in making us understand things. Thank you and all the best for your upcoming moments.

The instructor had thoroughly explained and answered any question asked with much interest and guided us well.

Our instructor was amazing , he was swift and concise with his instructions and actions , the only flaw i could find was in me.

9. What may House of Geeks, the organizing club, improve upon in future workshops and events?

21 responses

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Idk

Everything is just perfect right now, can't think of anything.

Organizing more Course

Increasing the course days so that the students can understand better

Peer to peer learning

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None for now.

9. What may House of Geeks, the organizing club, improve upon in future workshops and events?

21 responses

In future events or workshops just make it fun and engaging for a broader group of people to take part, I believe the more the merrier. The pc building workshop was very fun and engaging, just continue with events like that in the future.

Availability of proper tool for each group.

Provide more than 1 teacher to a group!

To organize more like this workshop

Organizing more activities

I have just joined so i don't know yet.

Use newer hardware if possible

Provide more than 1 teacher to a group!

To organize more like this workshop

Organizing more activities

I have just joined so i don't know yet.

Use newer hardware if possible

I think the teaching hour should be extended



More workshops and I feel the brochures could be distributed to more people.

Probably advertise more so as to have many students volunteering

10. Would you like to provide any other comments about the workshop?

9 responses

Nothing

No, my overall experience was quite good

Nope.

Was quite nice on the organisers end, to provide refreshment as well. And thanks to all the organisers and mentors involved!

None

Just wished we worked have on more upto date Pc parts

Well done keep up the good work

No

It was a good experience but it could have lasted for more days. I enjoyed whatever I did there.

11. Are there any other topics that you would like us to conduct future workshops on or any other particular event you would like House of Geeks to organize?

13 responses

CS:GO or Valo...xD

Cyber Security

Mobile repairing

PC repairing

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Creative events maybe, mini-hackathon maybe, comic-con, etc.

11. Are there any other topics that you would like us to conduct future workshops on or any other particular event you would like House of Geeks to organize?

13 responses

Creative events maybe, mini-hackathon maybe, comic-con, etc.

Benchmark testing different computers on runs like Cinebench, PCMark 10 etc. Just pushing their performance to their highest or testing different types of coolers can be a fun future event, for someone like me who likes the technical side of things

Small intra college eSports comps.
Workshop related to software (i.e Ms Excel/Powerpoint...etc)

Combination of science and computer

The Workshop was far better than I expected so I'd like them to organize more of what they can provide and teach us

Ah maybe. Workshops on skills that are highly demanded by companies or any recruiter..

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Ah maybe. Workshops on skills that are highly demanded by companies or any recruiter..

Smart Phone Disassembly
(I have an old one at home)

Certificates:

Certificates were given only to those participants who attended both the days of the workshop.

Certificate for Participants:

	St. Edmund's College House of Geeks	
Certificate of Participation		
This certificate is awarded to _____		Dr. S. Lamare Principal
of _____ department		Mrs. Sarmistha Deb HoD, Computer Application
For having participated in the PC Assembling workshop organized by the House of Geeks, on the 19th and 20th of September, 2022.		Nikita Ghosh Club President

Certificate for Instructors:

	St. Edmund's College House of Geeks	
Certificate of Organisation		
This certificate is awarded to _____		Dr. S. Lamare Principal
of _____ department		Mrs. Sarmistha Deb HoD, Computer Application
For having participated as an instructor in the PC Assembling workshop organized by the House of Geeks, on the 19th and 20th of September, 2022.		Nikita Ghosh Club President

Conclusion:

In conclusion, the workshop organized by the House of Geeks Club from the Computer Application Department on the topic of PC building has been a resounding success. Throughout the session, participants were immersed in a comprehensive learning experience that covered the fundamentals of assembling a personal computer from scratch.

During the workshop, attendees were introduced to the essential components of a PC, such as the motherboard, CPU, RAM, storage devices, and graphics cards. They gained hands-on experience in properly installing these components and learned about the importance of compatibility and proper cable management.

The workshop also emphasized the significance of selecting the right hardware based on individual needs and budgets. Participants were guided in understanding the various factors to consider when making informed decisions regarding processor speed, storage capacity, graphics capabilities, and power supply requirements.

Moreover, the House of Geeks Club provided valuable insights into troubleshooting common issues that arise during the PC building process. Participants were taught effective techniques for diagnosing hardware problems, ensuring proper connectivity, and resolving compatibility conflicts.

The workshop fostered a collaborative and interactive learning environment, allowing attendees to ask questions and seek guidance from experienced members of the House of Geeks Club. This created a supportive community where everyone felt comfortable and encouraged to share their knowledge and experiences.

Furthermore, the workshop highlighted the significance of PC building as a skill in today's technology-driven world. Participants were empowered to take control of their computer setups, customizing and optimizing them to suit their specific requirements. By gaining a deeper understanding of the hardware components and their functionalities, attendees can now make informed decisions when upgrading or troubleshooting their PCs.

The House of Geeks Club from the Computer Application Department has undoubtedly succeeded in providing a comprehensive and enlightening workshop on PC building. Participants left with enhanced knowledge, practical skills, and a newfound confidence in building and maintaining their own personal computers.

Photo Gallery:



