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Open Source Software's

Open-source software is a type of computer software in which source code is released under a license in which the copyright holder grants users the rights to study, change, and distribute the software to anyone and for any purpose. Open-source software may be developed in a collaborative public manner. Open-source software is a prominent example of open collaboration.

In the early days of computing, programmers and developers shared software in order to learn from each other and evolve the field of computing. Eventually, the open-source notion moved to the way side of commercialization of software in the years 1990's.

Open source software is usually easier to obtain than proprietary software, often resulting in increased use. Additionally, the availability of an open source implementation of a standard can increase adoption of that standard.

It has also helped to build developer loyalty as developers feel empowered and have a sense of ownership of the end product.

Open source development offers the potential for a more flexible technology and quicker innovation. It is said to be more reliable since it typically has thousands of independent programmers testing and fixing bugs of the software. Open source is not dependent on the company or author that originally created it. Even if the company fails, the code continues to exist and be developed by its users. Also, it uses open standards accessible to everyone; thus, it does not have the problem of incompatible formats that may exist in proprietary software.





‘LET’S FROLIC WITH THE TECHNOPLENUM’

A one day National Seminar on ‘Let’s Frolic with the Technoplenum’ was held at St. Bede’s College, Shimla organized by the Department of Computer Science.

The objective of the seminar was to bring together the students of Classes XI and XII from various schools of Shimla and to make them aware about the trends in computing, their applications and the future perspectives of Computer Science after completion of Class XII. Ms. Neha Walia, the Organizing Secretary, welcomed the Chief Guest Dr. Arvind Kalia, Dean of Studies, Himachal Pradesh University, Shimla, guests and the students from various schools of Shimla.

The inaugural address was delivered by the chief guest, Dr. Arvind Kalia. The first session was taken up by Dr. Arvind Kalia on the topic ‘Trends in Computing’.

The resource person for this session was Dr. Vikram Singh, Professor, Department of Computer Science and Applications, Chaudhary Devi Lal University, Sirsa, Haryana.



Certificates of the seminar were distributed to the students of various schools. The Vote of thanks was proposed by Ms. Neha Walia. The team of the Department of Computer Science consisting of Ms. Neha Walia, Ms. Nivedita Bhardwaj Sharma, Ms. Priyanka Dhareula Rana, Ms. Madhu Pahwa, Mr. Vikesh Kumar and Mr. Bhupinder Sharma worked tirelessly in making this seminar a great success.

The second session was held at 11:45 a.m on the theme ‘Computer Science: Learning to program’. The Resource person for this session was Dr. Akash Deep, University institute of Information and Technology, Punjab University, Chandigarh.

The third session was held at 1:30 p.m on the theme ‘Career Lanes Post 12th Standard’.



Tech know How's Club Activities

CURRENT IT TRENDS

- **5G Networks**
- **Artificial Intelligence**
- **Blockchain Technology**
- **Autonomous Devices**
- **Augmented Analysis**
- **Digital Twins**
- **Edge Computing**
- **Mixed Reality**
- **Virtual Reality**
- **Augmented Reality**
- **Internet on Things**

Various competitions were organized in the first week of December, 2018. The competitions were held on the following topics:

- **Collage Making:** "E-waste".
- **Essay Writing:** "Emerging Trends of Technology In India in 21st Century".
- **Presentation:** "Digital India".
- **Poster Making:** "Technology:Boon/Bane".



Guest Lecture was organized on the topic "**Tally Package**" for M.Com 2nd Semester on September 24, 2018.

Ms. Poonam Thakur from **Sai Digitech Institute, Shimla** was the resource person.



Guest Lecture was organized on the topic '**Internet Technology and Future Networking**' on April 2, 2019.

Prof. Jawahar Thakur, **Department of Computer Science, HP University, Summerhill, Shimla** was the resource person.

Presentations on "**History of Computers**" and "**Effect of Social Media on the Youth**" were given to the BCA and B.Sc Students.



Student Achievement

Advertisement for Admission made by Ms. Bhuvan Thakur, BCA IIIrd year for Green Field Public School, Sihunta was published in Divya Himachal, Chamba edition on April 2, 2018.

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Student's Corner

I promise

Read, but write more,
Talk, but think more,
Play, but work more,
I promise you will succeed sure!
punish, but forgive more,
Stop, but move more
Rest, but labor more,
I promise you will be active sure!
Eat, but chew more,
Weep, but laugh more,
Sleep, but wake more,
I promise you will be healthy sure!
hate, but love more,
order, but obey more,
quarrel, but agree more,
I promise people will love you sure!
Sit, but stand more,
spend, but save more,
consume, but produce more,
I promise people will respect you sure!

By:

Samiksha Bhimta
BCA VIth Semester

DADA

I'm writing this today
'Cause this is my way
To show my gratitude
For your selfless attitude
Thank you for standing with me
For letting me to see
Dreams that I dream
Unbothered by people's scream
You paved me a way
Even putting your own desires away
Thank you for being by my side
I will surely be your pride

By :Srishti Thakur
BCA IVth Semester



Made by
Kritika Thakur
BCA VIth Semester



Made by
Aaliya Khan
BCA IVth Semester



Made by
Charu
BCA IInd Semester



Made by
Himani Kaushal
BCA IInd Semester

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