EXTENSION ACTIVITIES 2017-23

SESSION 2017-18

IT TRIP FOR BCA STUDENTS

From March 16 to March 17, 2018, the Department of Computer Science organized a 2-day IT educational trip for the students of BCA.

Objective: The main objective of the IT educational trip was to expose the BCA students to the practical aspects of the IT industry. By visiting different companies, the students had the opportunity to gain insights into their working culture and understand the use of machines and technologies in a professional IT environment. This firsthand experience aimed to prepare the students to face the challenges of the IT industry and develop a deeper understanding of their future career prospects.

The two-day IT educational trip involved visits to three companies located in Mohali: Debut Infotech Private Limited, AA2IT Infotech Private Limited, and Netsmartz Infotech Pvt Limited. The group of 26 students was accompanied by four faculty members, two from the Department of Computer Science and two from the Department of Commerce.

During the visits, the students had the chance to observe and interact with professionals working in the IT industry. They learned about the companies' work culture, technological infrastructure, and project management processes. The students also had hands-on experiences with the machines and technologies used in these companies, gaining practical knowledge that complemented their academic learning.

Outcome: The 2-day IT trip had several positive outcomes for the participating students:

1. **Understanding the importance of field visits:** The trip provided a platform for the students to understand the significance of field visits and firsthand exposure to the IT industry. They realized that practical experiences are crucial in supplementing their theoretical knowledge and preparing them for future challenges.
2. **Exposure to work culture:** By visiting the companies, the students gained insight into the work culture of the IT industry. They observed how professionals collaborate, communicate, and work in teams to deliver projects. This exposure helped the students align their expectations and aspirations with the realities of the professional IT environment.

3. **First-hand information about companies:** The students obtained valuable information about the visited companies, their operations, and their technological expertise. This information could be helpful for the students in making informed decisions about their future career paths.

SEMINAR FOR SCHOOL STUDENTS

On April 4, 2018, the students of the Department of Computer Science organized a seminar on IT trends for the students of Government Senior Secondary School in Chotta Shimla.

Objective: The main objective of the seminar was to introduce the school students to the latest trends in the field of Information Technology.

The seminar commenced with a PowerPoint presentation prepared by the college students. The presentation focused on the latest trends in the IT sector, covering topics such as Artificial Intelligence, Big Data, Cloud Computing, Internet of Things (IoT), and Cybersecurity. The college students shared their knowledge and research findings, highlighting the impact of these trends on various industries and everyday life. The presentation aimed to spark interest and curiosity among the school students, giving them a glimpse into the exciting world of IT.

Following the presentation, an interactive session was held with the school students. They were encouraged to ask questions and seek clarification on any doubts or inhibitions they had regarding the topic. The college students patiently answered their queries and engaged in meaningful discussions, providing additional insights into the IT field and its potential career opportunities.

Outcome: The seminar had several positive outcomes for both the college students and the school children:

Knowledge dissemination: The seminar provided a platform for the college students to share their knowledge and research findings with a larger audience. They effectively communicated the latest IT trends and advancements, creating awareness among the school students.

Exposure to emerging IT trends: The school students gained an overview of the emerging trends in the field of information technology. They became familiar with concepts such as Artificial Intelligence, Big Data, and IoT, which are shaping the future of IT. This exposure broadened their understanding of the IT industry and its potential impact on various aspects of life.

Informative interaction: The interaction between the college and school students proved to be informative and engaging. The school students had the opportunity to ask questions and seek clarification, fostering a deeper understanding of the presented topics. This interaction also helped build the confidence of the college students as they shared their knowledge and expertise.

The presentation and interactive session enhanced the knowledge and awareness of the school students, while also allowing the college students to showcase their work and develop their presentation skills.

SEMINAR
ON FUTURE TRENTS IN I.T.
Organised by Department
of Computer Science,
St Bede's College
On
on April 4,2018.
Venue :
Government senior
secondary school ,Chotta
Shimla

SESSION 2019-2020

CURRENT TRENDS IN THE IT INDUSTRY

On September 20, 2019, the students of BCA V semester organized a presentation for students of classes 9 to 12 at Government Senior Secondary School in Chotta Shimla, Shimla.

Objective: The main objective of the seminar was to introduce the school students to the new and upcoming advancements in the field of computer science and information technology.

The seminar began with a PowerPoint presentation prepared by the college students. The presentation highlighted the current trends in the IT industry, covering topics such as Artificial Intelligence, Machine Learning, Internet of Things (IoT), Blockchain, and Virtual Reality. The college students explained these concepts in a simplified manner, making them accessible and relatable to the school students. The presentation aimed to ignite curiosity and interest among the audience regarding the future of computing technology.

Following the presentation, an interactive session was conducted with the school students. They were encouraged to ask questions and share any doubts or inhibitions they had about the topic. The college students enthusiastically responded to their queries, providing additional information and insights.

Outcome: The seminar provided a platform for the college students to share their knowledge and expertise with a larger audience. They effectively communicated the future trends in computing technology, keeping the school students informed and updated. The college students shared their knowledge in a manner that resonated with the school students, making the session more relatable and impactful.

IT TRIP FOR BCA STUDENTS

From October 5 to October 8, 2019, the Department of Computer Science organized a 4-day IT educational trip for the students of BCA. The trip included visits to Chandigarh and Amritsar, with a specific visit to Pushpa Gujral Science City in Jalandhar on October 6, 2019.

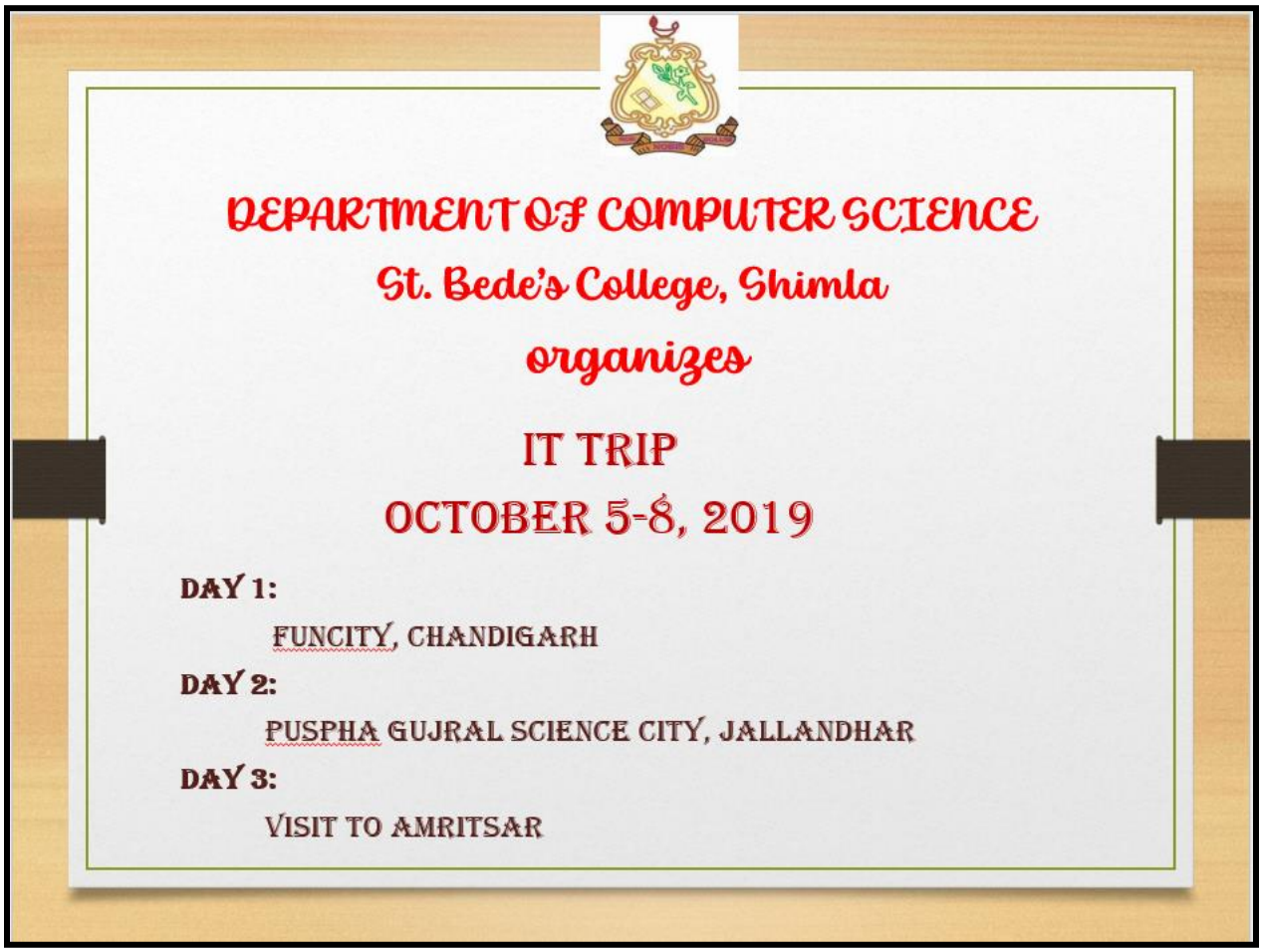
Objective: The objective of this trip was to provide the students with an understanding of the evolution of computer technology, in-depth knowledge of chip development, and exposure to upcoming future technologies. Ms. Neha Walia from the Department of Computer Science accompanied the students on this educational journey.

The trip provided the students with insights into the historical development and evolution of computer technology. By visiting various sections of Pushpa Gujral Science City, the students were able to explore different eras of computing, gaining a deeper understanding of the advancements made over time.

The students had the opportunity to learn about the intricacies of chip development. They gained insights into the manufacturing processes, design considerations, and functionality of computer chips. This knowledge helped them appreciate the significance of chips in modern computing systems. By exploring sections dedicated to emerging computer technologies, cyber security, virtual reality, and other cutting-edge areas, the students gained insights into the direction of technological advancements and their potential implications.

Outcome: The trip to Pushpa Gujral Science City provided a platform for the students to understand the importance of technology and its impact on various aspects of our lives. It facilitated first-hand information and exposure to emerging computer technologies, computer timelines, chip development, first-era systems, cyber security, and virtual reality.

The trip enhanced their knowledge, provided practical exposure, and increased awareness of technological advancements in the IT industry.



SESSION 2022-23

PRESENTATION FOR SCHOOL STUDENTS ON "COMPUTER AWARENESS"

The Department of Computer Science and Mathematics hosted a PowerPoint presentation session at Govt. Model Girls Senior Secondary School in Portmore, Shimla on September 22, 2022. The seminar topic was "Computer Awareness" and was geared towards Class VIII students. The seminar was led by students from the BCA and B.Sc. programs, who aimed to educate the children on the fundamentals of computers, their scope, and their significance in Mathematics. The event was well attended, with over 160 students participating.

Objective: The presentation was given to create awareness among school students about computer science and technology. The school students were provided with detailed information about the recent trends in the field of computer science.

Outcome: The school students got a platform to resolve their queries and get clarity in analyzing the scope of the field of computer science. The interactive session was an eye-opener for the young students.

St. Bede's College
DEPARTMENT OF COMPUTER SCIENCE
AND
MATHEMATICS
ORGANIZES A TALK
ON
COMPUTER AWARENESS
DATE : 22nd September, 2022
VENUE : Government Senior Secondary School, Portmore Shimla - 01
TIME : 12 AM Onwards
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राजकीय कन्या
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SOCIAL RESPONSIBILITY

The students and faculty of the Department of Computer Science went to Indira Gandhi Medical College Langar Hall on March 10 and 13, 2023 to serve langar to cancer patients and their attendants. Students from B.A. Computer Applications II year, BCA III year, and BCA I year went to IGMC. Over 1000 people were served in the entire day. The students also made chapattis for the patients.

Objective:

- To make students aware of their social responsibility towards people.
- To serve meals to the patients and their families.

Outcome:

Visit to Indira Gandhi Medical College Langar Hall provided a platform for working towards social responsibility. Students got a chance to interact with people from diverse cultures and learnt to work with people from diverse backgrounds. The students also experienced the importance of community welfare and the development of feelings like compassion and empathy.

केवल मरीज और उनके परिजनों
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Shimla, Himachal Pradesh, India
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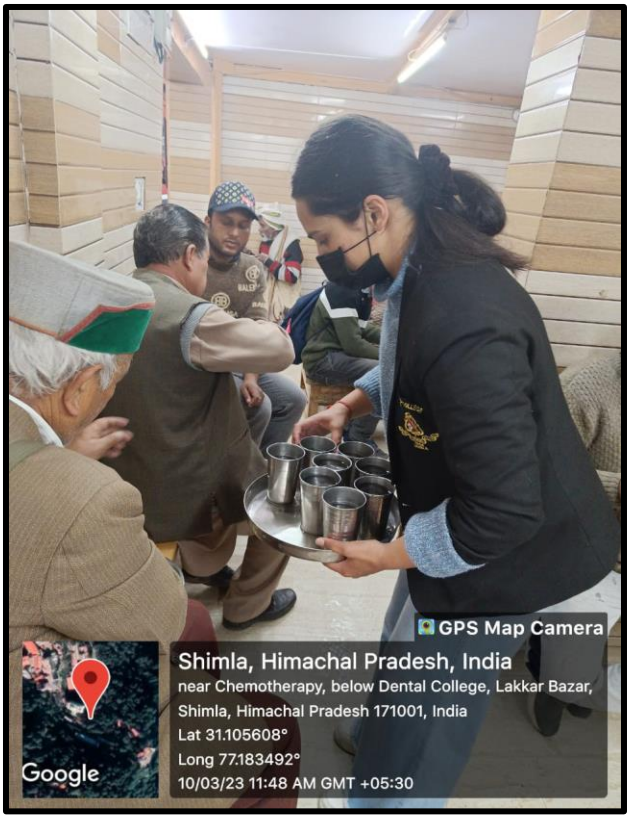
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