

CLUB ACTIVITIES

<u>S.No.</u>	<u>Description of the Activity</u>	<u>Date</u>
1	Data Science Web Scrapping	July 4, 2020
2	Social Event of Visiting to small primary government School in Thekariya, Jaipur	14 th Dec 2019
3	Intermediate of C++	18th Nov 2019
4	Social Event	30th mar 2019
5	Expert Talk on Big Data and Databricks	26th Mar 2019
6	Workshop on Big Data and Databricks	19th Jan 2019
7	Talk on Major and Minor Projects	17th Nov 2018
8	Social Event	18th Nov 2017
9	Lecture on Web Technology	12 Aug, 2017

Data Science Web Scrapping

Panacea in collaboration with Coding Blocks organized a workshop on, “Data Scrapping”, an important part of Data Science domain. The virtual workshop was organized on YouTube platform from 08:00 PM to 10:00 PM (IST). Over 400 people across the country were mentored by Mr. Rahul Janghu, a Google Code-in Mentor, a Research Intern at DRDO, and IIT Delhi.

The present core members, the students, and the faculty of Computer Communication Engineering Department were also present during the talk. The attendees were impressed by the way the mentor engaged them in the talk and how calmly he explained the domain and its significance.

During the two hours long workshop on “Web Scrapping”, we were given introduction to web scraping as a technique employed to extract large amounts of data from websites whereby the data is extracted and saved to a local file in the computer.

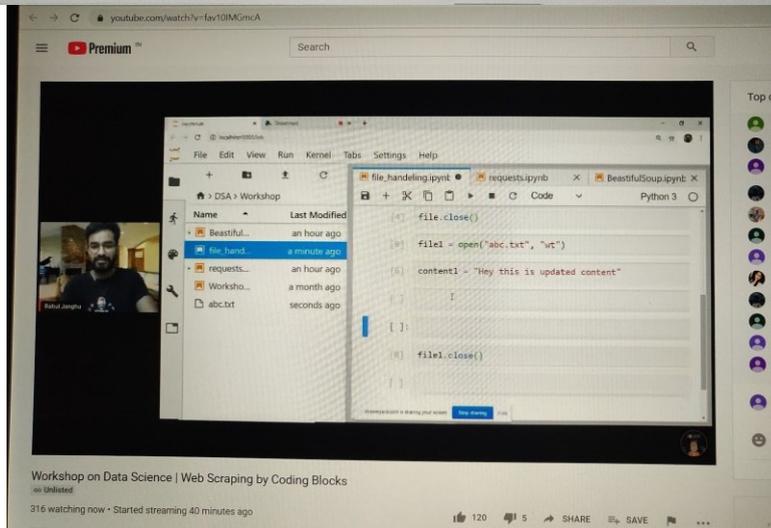
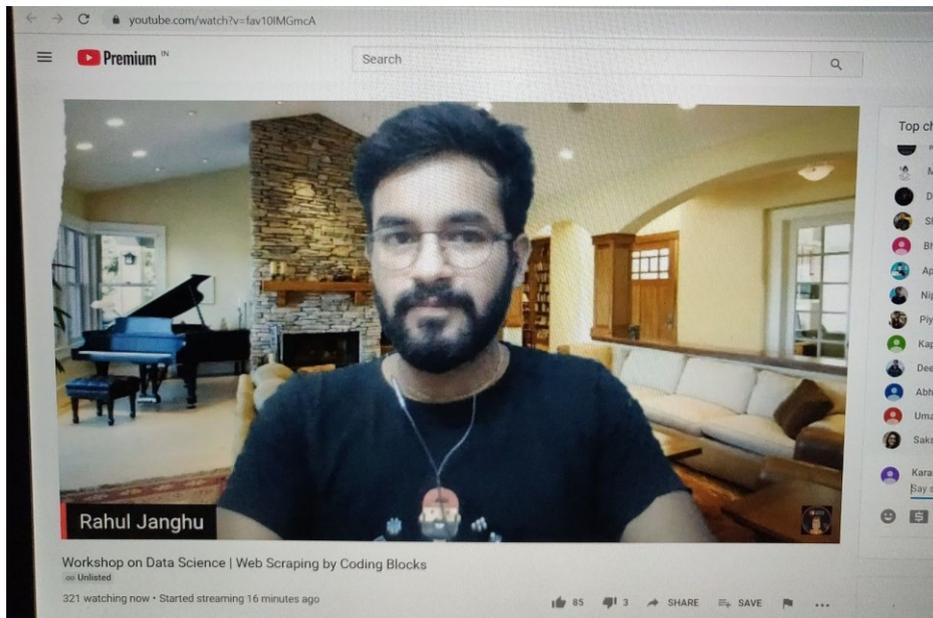
We were also introduced to requests library and BeautifulSoup. After the theoretical explanations on the aforementioned topics, we were given the practical practice by showing us how to scrape images from a website. Students really appreciated the precise and correct knowledge imparted on such an important topic. And as a token of appreciation, all attendees who completed the workshop were given certificates.

The webinar ended with the mentor telling how “Web Scrapping” has become an essential skill to acquire in today’s digital world and the benefits of the same.

Event Attendance:

We witnessed approximately 400 people attending the event on YouTube .

Pictures:



Social Event of Visiting to small primary government School in Thekariya, Jaipur

Date: 14th December 2019

Objective of this event: To nurture the minds of students towards creativity and steer their talents by exposing them to high quality research in different areas of computer engineering and technology.

Promoting awareness; amongst many of our club's (PANACEA) founder's believes, we aim to promote awareness of the use of computers and their applications to solve real world problems.

This event was organized in a small primary school in Thekariya, Jaipur, connecting with the youth on the grass-root level. The school had 16 students to date all of whom participated in this event.

The young students were provided with a fun and interactive session in which they have explained the fundamentals of computers as well as their applications to solve real-world problems.

The students from the university, under the guidance of **Asst. Prof. Gaurav Prasad** discussed the use of computers and encouraged students to display their skills in arts on both computer using "M.S. Paint" and physically using stationery and papers provided by the team.

The students were provided with hands-on experience on the personal laptops of the club students and faculty from the university. This was done in order to help the students of the school to incorporate computers in their daily routine and make it easier by bringing it into mainstream life.

Besides this session, the best drawings were awarded with of special stationery sets, and every participant was given chocolates at the end which were provided with the help of the faculty involved and the club students.

Enclosures:

1. Pictures of the events.
2. Pictures drawn by the students on M.S. Paint







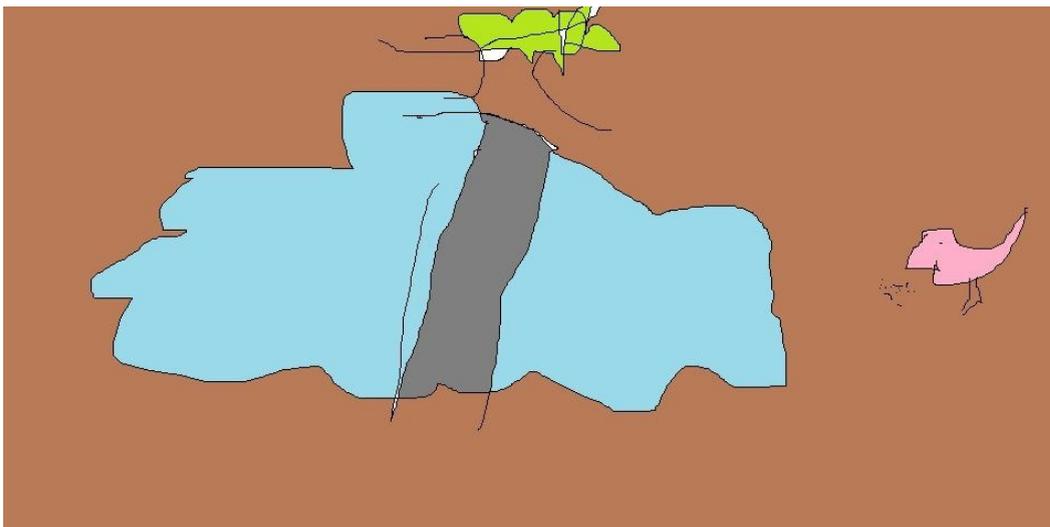
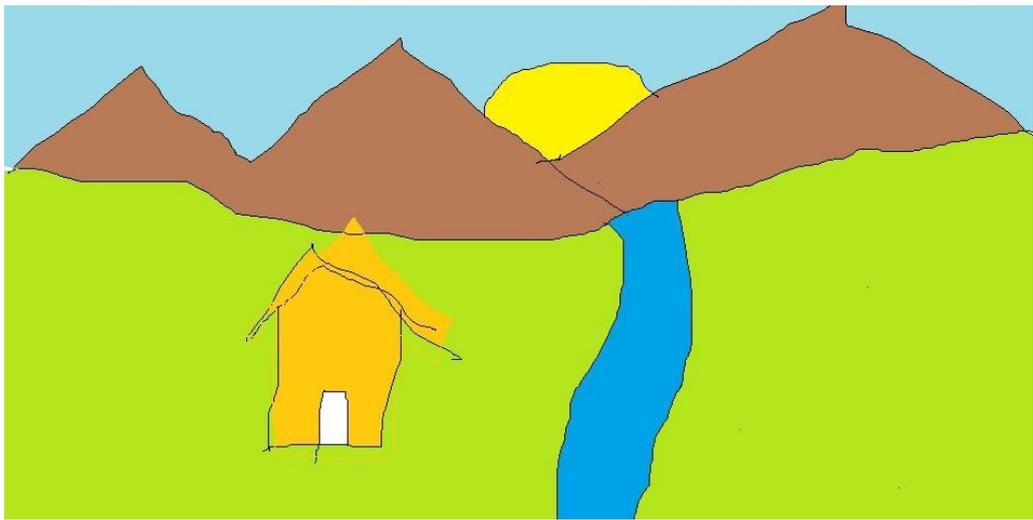
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Intermediate of C++

Objective:

This event was held by Panacea to help and mentor the students of SCIT, MUJ in the field of Computer Science by delivering a talk on Intermediate of C++ and tips and tricks to ace programming in C++.

Summary:

On November 18th, 2019 Panacea organized a lecture talk given by Mr. Anmol Garg in room number 307 of Academic Block 1, on the topic, “Intermediate C++.” The event was open to the public and approximately 26 people were in attendance. During the event, attendees asked Mr. Garg questions about C++ programming which included syntactical questions as well conceptual questions. Mr. Garg answered all of their questions one by one, and he also took an extra questionnaire round at the end of the talk.

The present core members as well as students of CCE were present during the talk. The talk started with the speaker introducing him and why he believes he is most suitable to deliver this talk. C++ as he said is “the most crucial, simple and important programming language” at the same time.

We received brilliant feedback from the attendees after the talk. Many were impressed by the speaker’s strong grasp on the subject. They were especially impressed by how the speaker tackled any coding question and how he broke the question into small parts and encouraged them to solve it.

During the event, the speaker also mentioned how C++ as a programming language can be used to solve the real world problems. He also drew up a comparison table between C and C++ as programming languages. C and C++, as he said, “are so similar yet so different languages.” He went on to explain why C++ should be preferred over C. The event ended with the speaker giving us tips and tricks to ace all the coding questions.

Event Attendance:

The room witnessed approximately 26 people attending the event. The students were from second and third years.

Pictures:





Social Event

Objective:

The event was held by Panacea to help and mentor the students of GSS School Thekariya, and to provide them with the basic knowledge of computers and their applications. This activity was planned with the main objective of social outreach and to help the community and the underprivileged.

Summary:

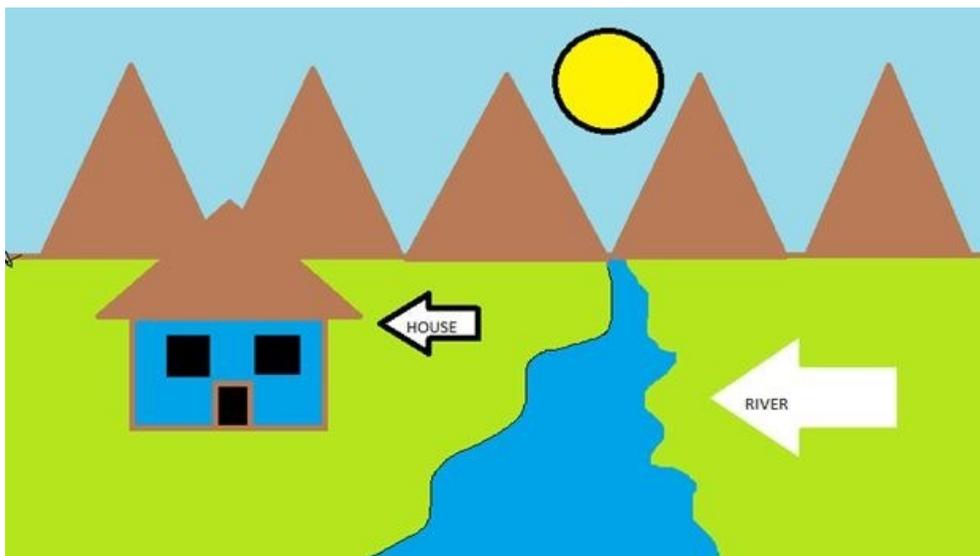
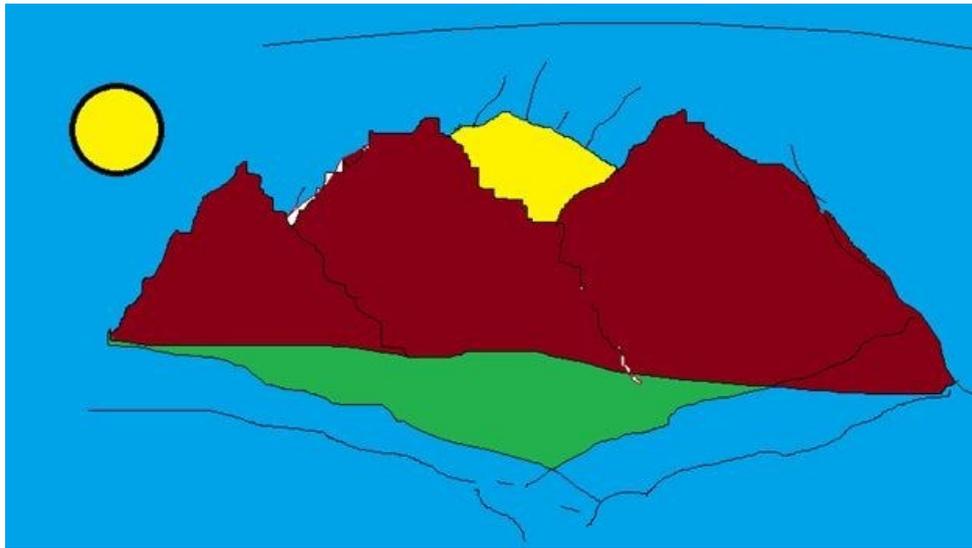
The event was organized on 30th March 2019 in a rural government school of Thekariya, Jaipur. connecting with the youth on the grass-root level. In the three hour session, the young students were taught about the fundamentals of computers and applications. They were taught some basic operations on computers along with some hands-on experience on MS Paint and other such applications. They were also given an audio-visual presentation, which covered the topics and the importance of software, hardware and the components of a computer system. This was done to help the students of the school to incorporate computers in their daily routine and make it easier by bringing it into mainstream life. The event was held by Panacea to help and mentor the students of GSS School Thekariya and to provide them with the basic knowledge of computers and their applications. This activity was planned with the main objective of social outreach and to help the underprivileged.

Faculty Members:

1. Prof. (Dr.) VS Dhaka – Head Computer and Communications Engineering
2. Asst. Prof. Gaurav Prasad – Faculty of Computer and Communications Engineering
3. Asst. Prof. (Dr.) K Muthukumaran – Faculty of Computer and Communications Engineering

Pictures:





Expert Talk on BigData and Databricks

Objective:

The event was held by Panacea to help and mentor the students of SCIT, MUJ in the field of Computer Science by delivering a talk on big data and data bricks and its use in overcoming problems faced while working on the before mentioned.

Summary:

The event was held on 26th March 2019 by the CCE club, Panacea to help and mentor the students of SCIT, MUJ in the field of Computer Science by delivering a talk on big data and data bricks and its use in overcoming problems faced while working on the abovementioned. The event featured a talk by Mr. Anupam Gupta, Principal, Chief Architect at Celebal Technologies. The prime focus of the event was to discuss the importance of Databricks, Big Data and other methods and technologies used for solving big data problems. The event also covered topics like the shortcomings of older technologies and platforms such as Hadoop. The event featured a live demo of some of the projects done by the company.

Pictures:





Workshop on Big Data and Databricks

Objective: The event was organized by Celebal Technologies in Association with Panacea Club MUJ. The main objective of this is to give real-time hands-on the implementation of concepts related to Data Science, Machine learning, Artificial Intelligence using |SPARK & DATA BRICKS. The students will have insight into the technologies and to know the current trends in the industry.

Event Summary:

The workshop was conducted by Celebal Technologies in Association with PANACEA Club-MUJ on 19th January 2019 at Celebal technologies Ltd, 7th floor Corporate Tower, JLN Marg, Jaipur. The students of MUJ was taken to the above-mentioned location wherein a brief idea about the organization was given. This session was followed by an interaction session with Anupam Gupta, Principal & Chief Architect at Celebal Technologies on Skype in which he has discussed about the upcoming technologies. He was even discussed the ideas and implementation of students which they are doing as part of their Minor projects in university as per the curriculum. The next session was on the basics of installation and setup of tools which is required for working on Data Bricks. Moreover, the session covered chatbots. The next session continued after the lunch break, which was provided by them. The afternoon session was totally on the hands-on |Data Bricks, working with Big data, Concepts on Data Science, Machine Learning. The Session ended up with students assignment and QA.

The event's duration details are given below

1. . I session was from 10:15 to 11:30 (basic details)
2. . II Session was from 11:30 to 13:00 (basic configuration of data bricks)
3. III Session was from 13:00 to 13:45 (ChatBots)
4. . IV Session was from 14:15 to 17:15 (Hands-on Data Bricks)

Resource Persons:

1. Mr Anupam Gupta
2. Mr Anshul Bhatnagar
3. Mr Prarbdh Ranjan
4. Mr Gaurav Soni

Registrations:

There were about 30 pre-registrations done for the event including all three years(1st, 2nd and 3rd)but only 20 students turned out for the event which had a mixed group from 2nd,3rd year CSE, IT, CCE students.

Pictures:



Talk on Major and Minor Projects

Objective: The event was held by Panacea to help and mentor the students of SCIT, MUJ in the field of Computer Science by delivering a talk on Projects and their importance by the faculty and senior-year students.

Event summary:

The talk was Panacea's first event under its new core members. The event took place on 17th November 2018, from 11 am to 1 pm. The prime focus of the event was to discuss the importance of projects, discussing new ideas and fundamentals to solve problems and create better solutions.

The event had talks from faculty members and the seniors. The session was a very interactive one. A lot of queries were raised, a few of them, for example, was from the domain of IoT and its use in biomedical engineering, machine learning etc. The first and second-year students also questioned the speakers about gaining and improving their programming skills. The talks from the faculty members, as discussed above, were very informative and they also discussed new approaches and ideas to create better and stronger solutions.

The event's duration was 2 hours.

Faculty members and their talks:

1. Naina Narang: Computational Modelling
2. Jaya Krishna: Social Network
3. Gulrej Ahmed: Hardware Circuits
4. Gaurav Prasad: Distributed Malware
5. Arjun Singh: Intrusion detection system.

Registrations:

There were more than 40 pre-registrations done for the event including all three years(1st, 2nd and 3rd).

There were 36 registrations for the event, most of which were from 3rd-year students. The event was a good platform for the third-year students to get a grasp about minor projects that are to do in the 6th semester.

Pictures:



Social Event

Event Summary:

Promoting awareness; amongst many of our club's (PANACEA) founder's beliefs, we aim to promote awareness of the use of computers and their applications.

This event was organized in a small rural Government School in Sanganer, Jaipur, connecting with the youth on the grass-root level.

The young students were provided with a three-hour session in which they were taught about the fundamentals of computers as well as their applications. They were taught some basic operations on computers along with having quiz competitions with distinguished winners to make things more interesting. In the end, a prize ceremony was held for the winners.

The students from the university, under the guidance of Prof. (Dr.) VS Dhaka (Head CCE Department) and Asst. Prof. Gaurav Prasad, with the assistance of Prof. (Dr.) S.C. Kulhari (Head CSE Department), gave an Audio-Visual presentation, which covered the topics and the importance of software, hardware and the components of a computer system. The details of the participating Club members involved in this activity are attached with this document.

Moreover, the students were provided with hands on experience on the personal laptops of the club students from the university. This was done to help the students of the school to incorporate computers in their daily routine and make it easier by bringing it into mainstream life.

Besides this session, the students were provided with refreshments, which were provided with the help of the faculty of CCE department and the students of Panacea.

Pictures:



Lecture on Web Technology

An expert lecture on Web Technology: Evolution of Rich Internet Apps and HTML5 was organized by the Department of Computer and Communication Engineering on 12th August 2017. The speaker provided insights on Web development tools and techniques with their features. The reasons for it being obsolete were also discussed. The current trends, security features, ease of development, user-centricity and compatibility of rich internet apps were discussed. A fair platform for Web development advantages using HTML 5 was made by the resource person so that easily grasp the technique of using HTML 5. The feedback of students for the lecture was very satisfying.

Pictures:



