



# SHRI G.P.M. DEGREE COLLEGE

## DEPARTMENT OF COMPUTER SCIENCE

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### QUIZ COMPETITION

The Seminar Committee organized a **Seminar** on 11 October, 2023 whereby 160 students participated in the event from FY/SY/TY batches. Competition was held in group with 4 participants per group. The topic for the competition was **Data Analytics**. Before starting the Quiz, rules were explained to the participants.

#### Event Details

<b>Name of the Event</b>	:	<b>Data Analytics</b>
<b>Speaker</b>	:	<b>Experts from BSE</b>
<b>Date</b>	:	<b>11, October 2023</b>
<b>Time</b>	:	<b>10:00 AM – 11:00 PM &amp; 11:30 AM – 12:30 PM</b>
<b>Venue</b>	:	<b>Block 16</b>

#### Event Purpose:

- The seminar seeks to provide participants with a comprehensive understanding of data analytics concepts, methodologies, and best practices.
- The seminar aims to provide strategic insight into the role of data analytics in organizational decision-making and problem-solving.
- The seminar serves as a platform for networking and collaboration among professionals, academics, and industry experts in the field of data analytics To Enhance analytical skills.
- Bringing out the enthusiastic and competitive side in participants.

#### Event Photos



### **The outcome of the Event**

After participating in the event, our students gained information on:

- The seminar commenced with an overview of data analytics, emphasizing its importance in contemporary business, academia, and various other domains.
- Participants learned effective strategies for data collection and preprocessing to ensure the quality and reliability of datasets.
- Interactive workshops provided participants with opportunities to apply their newly acquired knowledge and skills in real-world scenarios.

***WISH U ALL, THE BEST***



With the guidance and support of our Trustee Mr. Rajkumar Sir and our principal Dr. Vandana Sinha Madam, The Department of Computer Science has organized a Seminar on “Data Science” 17 August 2023. The activity was organized to make students aware about the growing fast world of Data. Total 50 students from IT and CS participated in the event.

### **Event Details**

Name of the event : Data Science  
Date : 17 August 2023  
Time : 11:00 am to 12:30 pm

### **Event Purpose**

- To know about Data Science subject.
- To get information about different course content of Data Science.
- To know about various career opportunities in IT sector of Data Science.
- To know the difference of Data Science and Data Analytics.

### **A few more images from the occasion...**



### **Outcome of the Event:**

After participation in the event, our students key takeaways –

- Build Knowledge of subject.
- Improve information retention, analytical skills
- Improve Knowledge about the field.
- Improve the logic building.

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## INDUSTRIAL VISIT

19/07/2023

Shri GPM Degree College of Science and Commerce organized an Industrial Visit to **The Bombay Stock Exchange (BSE)** on 19th July 2023 under the guidance of our Trustee Mr. Rajkumar Mishra and our Principal Dr. Vandana Sinha ma'am. It is an opportunity for students to visit the oldest and most historical place of stock trading and to make the students understand the working of BSE. BSE is Asia's first & the Fastest Stock Exchange in the world with a speed of 6 microseconds. BSE is one of the India's leading exchange groups.

### Event Details

Name of the Event : Industrial Visit – Bombay Stock Exchange (Fort)  
Date : 19, July 2023  
Time : 3:00 pm – 5:00 pm  
Venue : Bombay Stock Exchange (Fort)

### Event Purpose

- This visit helps students to understand financial market and learn about stock market instruments.
- It gives exposure to investment strategies.
- It helps students to interact with industry professionals.
- It helps students to explore career opportunities in the field of data science.

### Event Photos



### The details of the Industrial Visit

Students were mesmerized to see the BSE building as they reached. After a security check at the entrance, students along with the college teachers were taken to the BSE International Convention Hall. Then an Interactive Talk with faculty members from BSE Training Institute. Students were informed about the history, growth and advancement of BSE. Also, the historical relevance and importance of the place was discussed. Students received valuable insights on the guidelines to be followed as investors and traders. Further the students were informed about the various certification courses offered by BSE Training Institute. 36 students actively participated in this visit.

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## QUIZ COMPETITION

04/07/2023

The Department of Computer Science organized a **Programming Language Quiz Competition** on 04 July, 2023 at Shri G.P.M. Degree College of Science and commerce under the Guidance of our Trustee Sir Shri Rajkumar Mishra and Principal Ma'am Dr. Vandana Sinha whereby 16 students participated in the event from SY/TY batches. Competition was held in group with 4 participants per group. The topic for the competition was **Object Oriented Programming using C++**. Before starting the Quiz, rules were explained to the participants.

### Event Details

Name of the Event : Programming Language Quiz Competition  
Date : 04, July 2023  
Time : 11:00 AM – 12:00 PM  
Venue : Block 16

### Event Purpose:

- Promoting a fun way to study and in the process help improve one's programming skill.
- To help student to prepare for technical interview
- To make students aware of various programming concepts.
- To Enhance problem-solving skills.
- Bringing out the enthusiastic and competitive side in participants.

### Event Photos



**Winner Team – SY B.Sc. CS**

### The outcome of the Event

After participating in the event, our students gained information on:

- The quiz with exceptional questions challenges them, acts as a learning tool, and hones their critical thinking, analytical & observational skills.
- This competition helps students to build interpersonal skill, team skill, and soft skills.
- The participation certificate, a matter of pride, decorates their academics over a decade.

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### MINI PROJECT EXHIBITION

14/10/2022

The Department of Computer Science organized Mini Project Exhibition on 14/10/2022. FYIT and FYCS students of science participated in the exhibition. The main agenda behind this event was to explore the technical skills among the students and give more exposure towards technical knowledge which is very much required in building the code.

#### Event Details

Name of the Event : Mini Project Exhibition  
Date : 14 October, 2022  
Time : 11:00 am to 12:30 pm

#### Event Purpose

- The students have to exhibit their technical as well as presentation skills wherein they will get an opportunity to demonstrate their work (project model) with the help of charts, block diagrams or by using their systems.
- The main goal behind this exhibition is to explore the various technologies by students and give more exposure towards technical knowledge which is needed while developing software.
- The event mainly focused in developing interest among students toward new innovation and rapidly growing technology.

#### A few more images from the occasion...



#### Outcome of the Event

- After participation in Mini Project Exhibition students got an opportunity to demonstrate their basic skills of coding.
- Students explore various technologies and methodologies in software development field.
- Students understood different framework which is need to execute the code.

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## GUEST LECTURE : BLOCK CHAIN TECHNOLOGY

07/10/2022

The Department of Computer organized a guest lecture on topic Block Chain on 7 October, 2022 whereby 45 students attended the event. Block chain is the trending topic in IT sector. Mrs. Nalini Gaikwad, a lecturer at SMPRSG College in Mulund, she gave a knowledgeable lecture on the subject that piqued the students' interest in block chain technology. The purpose of this guest lecture was to give the brief introduction of the topic to the students to enhance their skills by considering the job scope of block chain in IT industry.

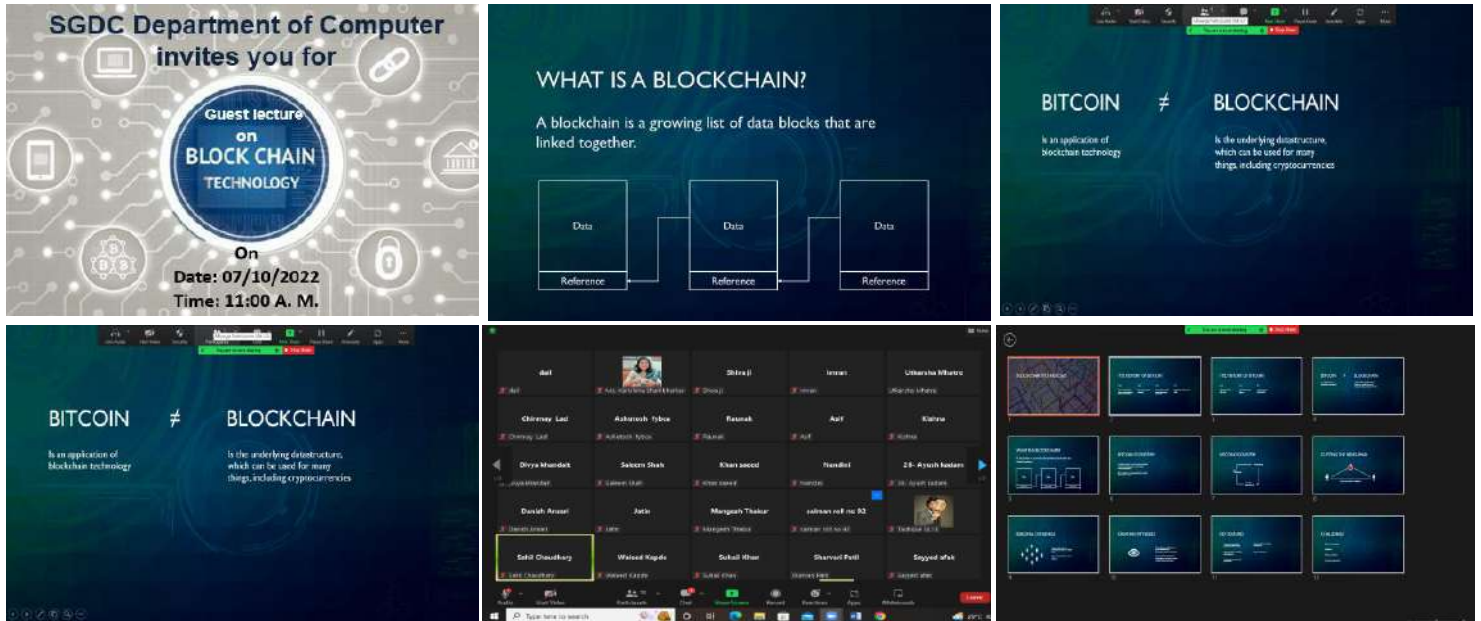
### Event Details

Name of the Event : Guest Lecture – Block Chain Technology  
Date : 07 October, 2022  
Time : 11:00 am to 12:30 pm

### Event Purpose

- To help students in knowing the block chain technology and how it is readily accepted in the market or industry.
- To give knowledge on cyber security and related issues which will be useful in their day to day life.
- To know about future scope of Block Chain Technology.
- To get the various methods which used in Block Chain Technology.
- To know the importance of this technology in finance and how it can be applied to multi-step transaction where traceability and visibility is required.

### A few more images from the occasion...



### The outcome of the Event

After participation in the event, our students gained with-

- The future of block chain technology in IT industry.
- The brief knowledge of block chain technology with its characteristics and features.
- Various methods of block chain technology which is used in cyber security and information security.
- Job scope of block chain technology and the details of contents in block chain technology course.

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## Code Debugging Competition

20/09/2022

The Department of Computer Science organized has organized an event on the occasion on IT Professional day celebration on 20/9/2022. FYIT and FYCS students of science participated in the competition. A competition held online that tests your knowledge in the Coding World and their programming languages. It involves the participants in trying to code/program according to the given specifications. The participant must be able to solve the problems in a given set of time.

### Event Details

Name of the Event : Code Debugging Competition  
Date : 20 September, 2022  
Time : 09:00 am to 11:00 am

### Event Purpose

- This competition tests your knowledge in the Coding World and their programming languages.
- It involves the participants in trying to code/program according to the given specifications.
- The participant must be able to solve the problems in a given set of time
- To find the list of booming technologies topics in IT field.
- To get information about different project topics which students can build for their final year.
- To know about various algorithms which can be used to develop the project.

### A few more images from the occasion...



### Outcome of the Event

After participation in the event, our students gained with-

- Increased enthusiasm about the recent technologies in IT field.
- The competition helped to boost their programming knowledge.
- They got the opportunity to showcase their talent.
- The advancement in IT sector and changes in Programming Technologies.
- This topic will be helpful for Final year project implementation.

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## PAPER PRESENTATION : RECENT TRENDS IN IT SECTOR

18/08/2022

The Department of Computer Science organized a Paper presentation event on 18 August 2022 whereby 12 students from TY BSC-IT and TY BSC-CS participated in the event. The topic of the event was Recent Trends in IT Sector. The participants were presented with thoughtful information about the leading edge in the Information Technology sector.

### Event Details

Name of the Event : Paper Presentation – Recent Trends in IT Sector  
 Date : 18 August, 2022  
 Time : 09:00 am to 11:00 am

### Event Purpose

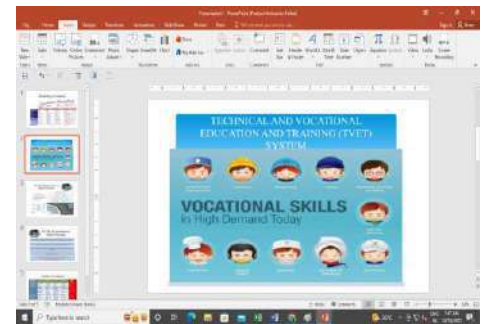
- To find the list of booming technologies topics in IT field.
- To get information about different project topics which students can build for their final year.
- To know about various algorithms which can be used to develop the project.
- To know about how the synopsis of that topic can be generated.

### A few more images from the occasion...



**Wireless Evolution**

Technology	1G	2G/2.5G	3G	4G	5G
Deployment	1970/1984	1990/1999	1990/2002	2000/2010	2014/2015
Bandwidth	2kbps	34-64kbps	2mbps	200Mbps	>1Gbps
Technology	Analog cellular	Digital cellular	Mobile/Personal Digital Cellular	Mobile/Personal Digital Cellular	Mobile/Personal Digital Cellular
Service	Mobile telephony	Digital voice, short messaging	Integrated high quality audio, video & data	System information access, remote services	System information access, remote services
Multiplexing	FDMA	TDMA/CDMA	CDMA	CDMA	CDMA
Switching	Circuit	Circuit/switched packet network	Packet except for air interface	All packet	All packet
Core network	PSTN	PSTN	Packet network	Internet	Internet
Handoff	Horizontal	Horizontal	Horizontal	Horizontal & Vertical	Horizontal & Vertical



### Outcome of the Event

After participation in the event, our students gained with-

- Increased enthusiasm about the recent technologies in IT field.
- Which algorithms can be used to develop the IT project.
- The advancement in IT sector and changes in Programming Technologies.
- This topic will be helpful for Final year project implementation.

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## SEMINAR : DATA SCIENCE

12/08/2022

The Department of Computer Science organized a Seminar on 12 August, 2022 whereby 70 students participated in the event from FY and TY batches. The topic of seminar was Data Science. As a resource person, Mrs. Sharvari Patil from D. J. Sanghavi College of Engineering guided our student with bulk knowledge of Data Science. The Seminar was conducted virtually by zoom app

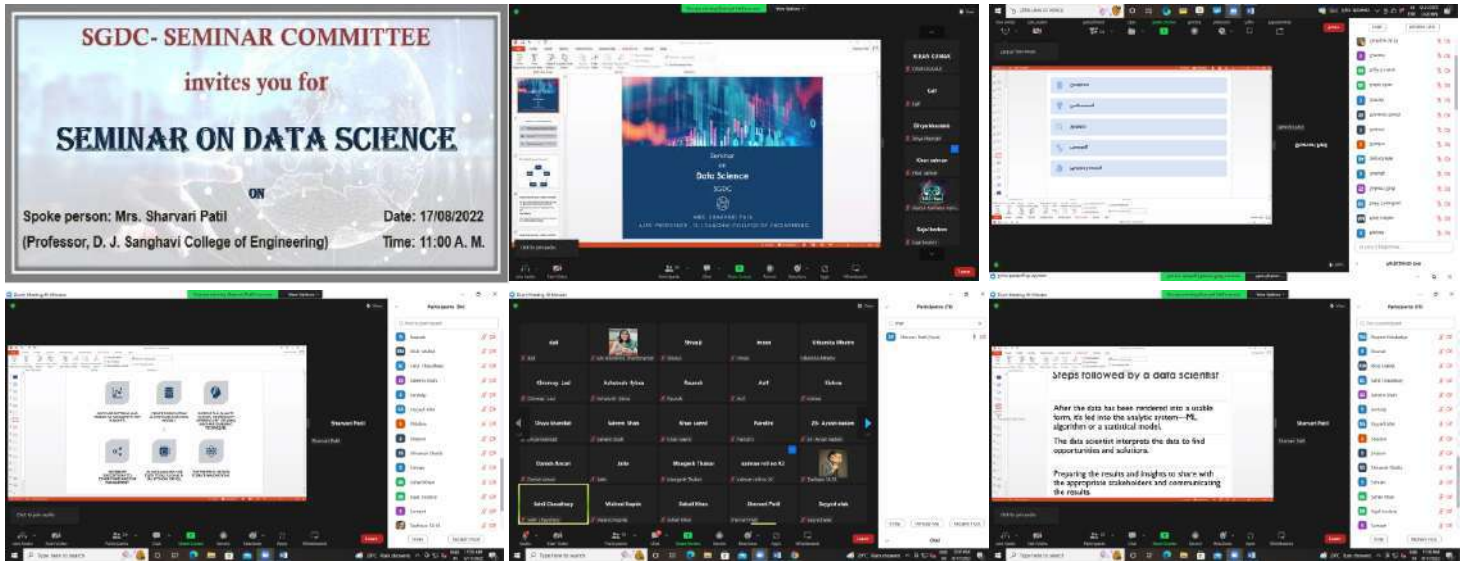
### Event Details

Name of the Event : Seminar –Data Science  
Date : 12 August, 2022  
Time : 11:00 am to 12:30 pm

### Event Purpose

- To know about Data Science subject.
- To get information about different course content of Data Science.
- To know about various career opportunities in IT sector of Data Science.
- To know the difference of Data Science and Data Analytics.

### A few more images from the occasion...



### Outcome of the Event

After participation in the event, our students gained with-

- What skills are needed to learn data science ?
- Top hiring companies of data science learners.
- List of components of Data science.
- Advantages and future scope after learning Data science.
- Scope of Data science in next generation technology like Machine learning and Artificial Intelligence.

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### QUIZ COMPETITION

12/07/2022

The Department of Computer Science organized a **Quiz Competition** on 12 July, 2022 whereby nearly 17 students participated in the event from SY/TY batches. The topic for the competition was **Programming in C**. Before starting the Quiz, rules were explained to the participants. The event was conducted online on the Zoom platform.

#### Event Details

Name of the Event : **Quiz Competition on Programming in C**  
Date : 12 July, 2022  
Time : 08 am to 09 am

#### Event Purpose:

- Quick and informal assessment of student knowledge
- To make students aware of various programming concepts.
- To make students aware of the analytical & observational skills
- To develop application skills by using Quiz -based learning.

#### Heartiest Congratulations to these Winners ...

### Rank – 1



**Shantanu Singh**  
TY B.Sc. IT

### Rank – 2



**Rishabh Nigam**  
TY B.Sc. IT

### Rank – 3



**Shivam Yadav**  
TY B.Sc. CS

#### The outcome of the Event

After participating in the event, our students gained information on:

- How to organize ideas and information
- The quiz with exceptional questions challenges them, acts as a learning tool, and hones their critical thinking, analytical & observational skills.
- The participation certificate, a matter of pride, decorates their academics over a decade.

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### Crossword Puzzle Game Competition

22/04/2022

The Department of Computer Science had organized an event on **Crossword Puzzle Game Competition** on 22<sup>nd</sup> April 2022 whereby nearly 28 students participated in the event from FY batches. Before starting the game, rules were explained to the participants.

#### Event Details:

Event : **Crossword Puzzle Game Competition**  
Date : 22<sup>nd</sup> April 2022  
Time : 7:40 am to 9:20 am  
Venue : Block 16

#### Event Purpose:

- Quick and informal assessment of student knowledge
- To make students aware of the analytical & observational skills
- To develop application skills by using puzzle-based learning.

#### Heartiest Congratulations to these Winners ...

Rank 1	Rishi Gupta FYBSC CS
Rank 2	Santosh Singh FYBSC CS
Rank 3	Ayush Tiwari FYBCA

#### Some more glimpses of the event ...



#### The outcome of the Event:

After participation in the event, our students gained information on:

- The game with exceptional problems challenges them, acts as a learning tool, and hones their critical thinking, analytical & observational skills.
- The participation certificate, a matter of pride, decorates their academics for over a decade

**Wish you all the best**



Department of Computer Science had organized a guest lecture on **Artificial Intelligence** on 28<sup>th</sup> March 2022 whereby 21 students participated in this event. This event was specially organized to build up Students' knowledge of AI and its applications. The guest speaker Mr. Gaurav Mishra who is a Senior Analyst in Borderless Access, delivered a wonderful lecture regarding the topic and guided the students.

**Event Details:**

Event: Guest Lecture on **Artificial Intelligence**

Date: 28th March 2022

Time: 2 pm to 3 pm

Guest Speaker:

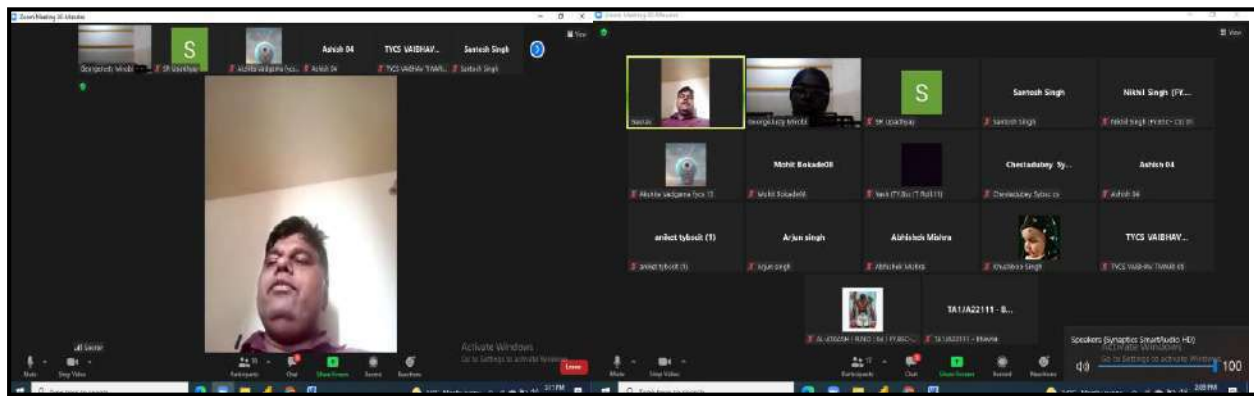


Gaurav Mishra  
Senior Analyst, Borderless Access  
MCA, TIMSCDR

**Event Purpose:**

- To build up a program and implement AI in real life.
- To make students aware of the skills of Artificial Intelligence.
- To Identify and describe the different types of Artificial Intelligence Algorithms.
- To build up a program and implement different Machine Learning algorithms.

**Some more glimpses of the event ...**



**The outcome of the Event:**

After participation in the event, our students gained information on:

- How to apply AI concepts and techniques to an IT project.
- Different areas in Artificial Intelligence.
- How to apply Artificial Intelligence algorithms to solve real-life problems.

**Wish you all the best**



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Quiz Competition

02/03/2022

The Department of Computer Science had organized an event on **Quiz Competition** on 2<sup>nd</sup> March 2022 whereby nearly 19 students participated in the event from FY/SY/TY batches. The topic for the competition was **Current Affairs**. Before starting the Quiz, rules were explained to the participants.

**Due to the Covid Pandemic, the event was conducted online on the Zoom platform**

### Event Details:

Event : **Quiz Competition on Current Affairs**  
Date : 2<sup>nd</sup> March 2022  
Time : 2 pm to 3 pm

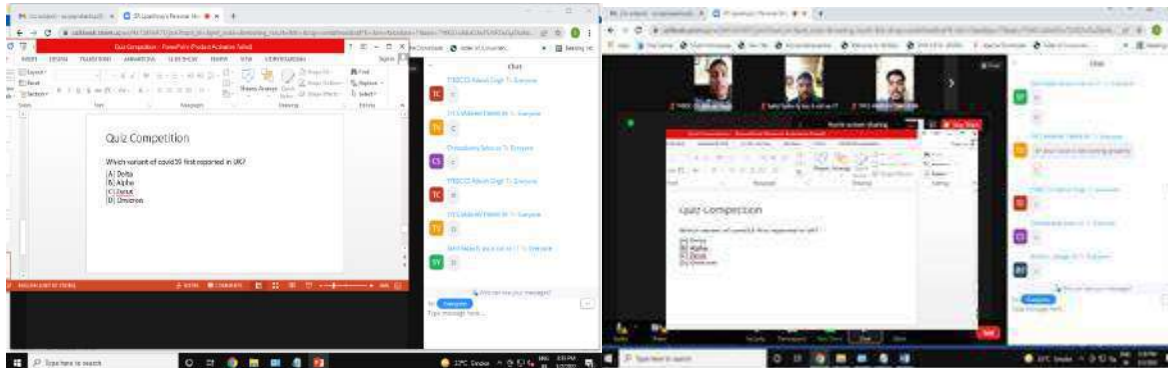
### Event Purpose:

- Quick and informal assessment of student knowledge
- To make students aware of various Current Affairs.
- To make students aware of the analytical & observational skills
- To develop application skills by using Quiz -based learning.

### Heartiest Congratulations to these Winners ...

Rank 1	Vaibhav Tiwari TYBSC CS
	Adarsh Singh TYBSC CS
Rank 2	Nikhil Zodage TYBSC CS
Rank 3	Sourabh Wakkar SYBSC IT
	Akshita Vadgama FYBSC CS

### Some more glimpses of the event ...



### The outcome of the Event:

After participation in the event, our students gained information on:

- How to organize ideas and information.
- The quiz with exceptional questions challenges them, acts as a learning tool, and hone their critical thinking, analytical & observational skills.
- The participation certificate, a matter of pride, decorates their academics over a decade

**Wish you all the best**





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## PPT Presentation Competition

10/02/2022

The Department of Computer Science had organized an event on **PPT Presentation Competition** from 10<sup>th</sup> February to 12<sup>th</sup> February 2022 whereby nearly 33 students participated in the presentation from FY/SY/TY batches. The topic for the competition was **Computer Technologies**. The main objective of this event was to provide a platform for students to showcase their presentation skills.

**Due to the Covid Pandemic, the event was conducted online on the Zoom platform**

### Event Details:

Event : **PPT Presentation Competition**  
Start Date : 10<sup>th</sup> February 2022  
End Date : 12<sup>th</sup> February 2022  
Time : 2 pm to 3 pm

### Event Purpose:

- Quick and informal assessment of student knowledge
- To build up the creative corner in students.
- To make students aware of the skills of presentation.
- To get familiar with cutting edge technologies

### Heartiest Congratulations to these Winners ...

#### RANK 1



**Manish Pandey**  
FYBSC – CS

#### RANK 2



**Chesta Dubey**  
SYBSC – CS

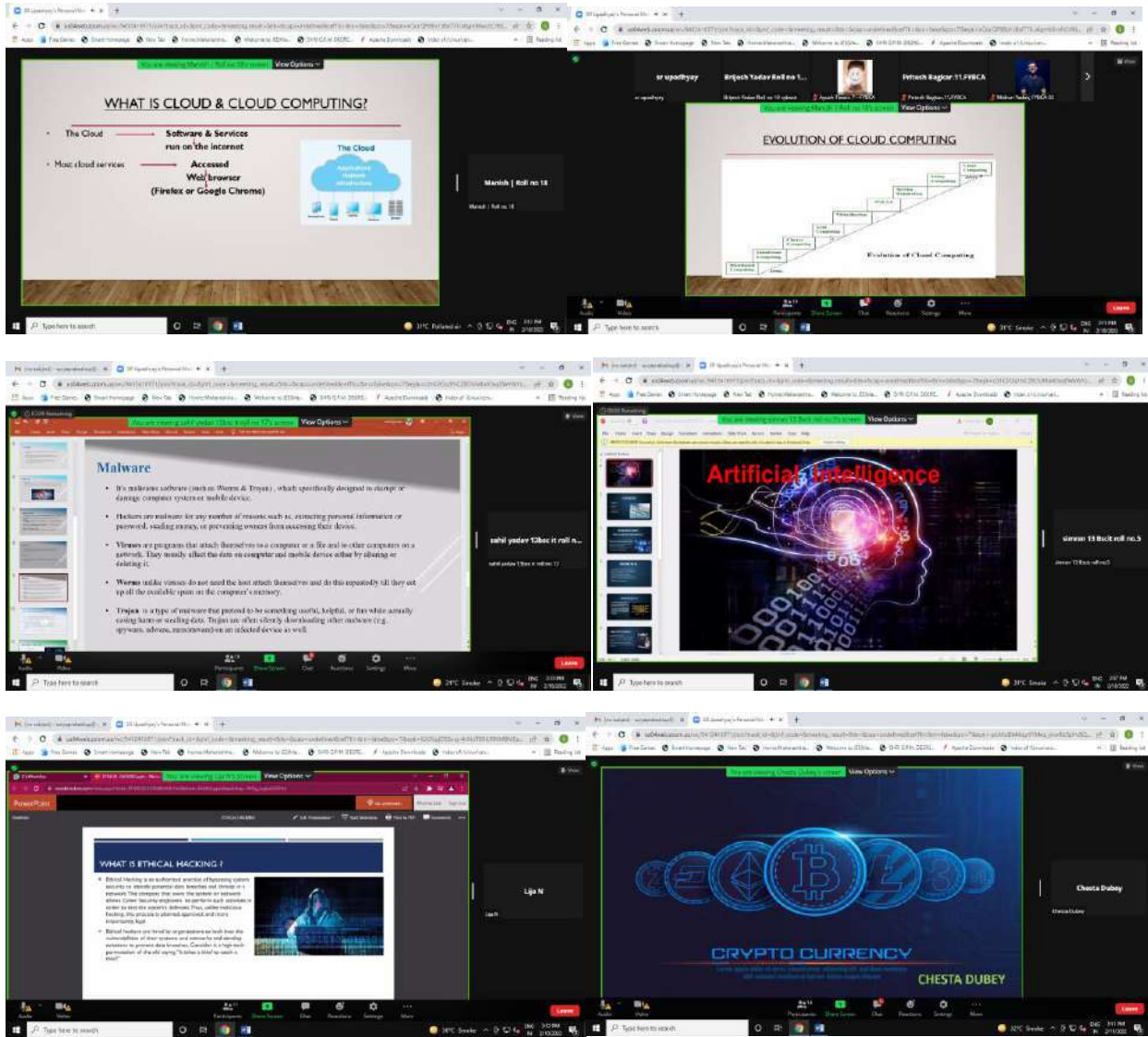
#### RANK 3



**Vaibhav Tiwari**  
TYBSC - CS

Wish you all the best

## Some more glimpses of the event ...



## The outcome of the Event:

After participation in the event, our students gained information on:

- How to organize ideas and information.
- How to develop public speaking skills.
- How to summarize information in points
- Cutting Edge Technologies

Wish you all the best



Department of Computer Science had organized a guest lecture on **Software Project Management** on 24<sup>th</sup> January 2022 whereby 23 students participated in this event. This event was specially organized to build up Students' knowledge in real-life project development. The guest speaker Mr. Gaurav Mishra who is a Senior Analyst in Borderless Access, delivered a wonderful lecture regarding the topic and guided the students.

### Event Details:

Event: Guest Lecture on **Software Project Management**

Date: 24th January, 2022

Time: 2 pm to 3 pm

Guest Speaker:



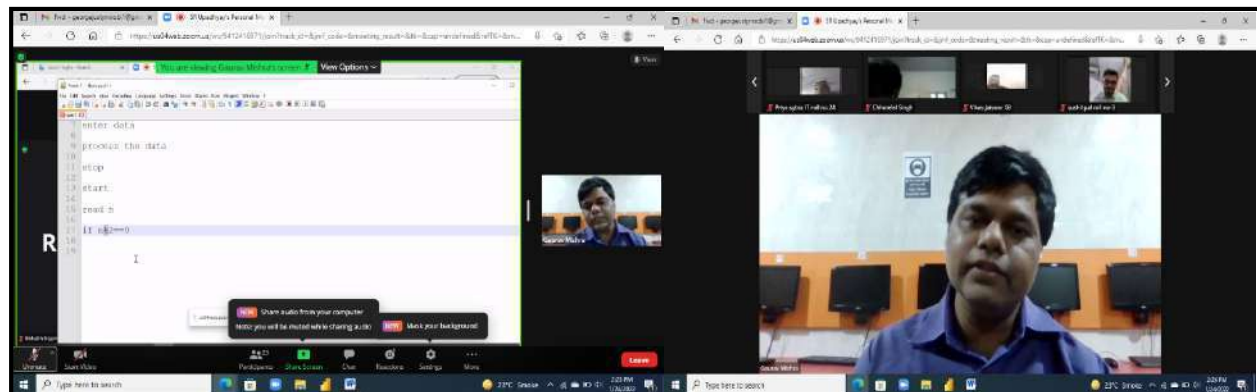
Gaurav Mishra

Senior Analyst, Borderless Access  
MCA, TIMSCDR

### Event Purpose:

- To determine an appropriate project management approach.
- To build up a plan and implement a software project management activity.
- To make students aware of the skills of project management.
- To Identify and describe the key phases of project management.

### Some more glimpses of the event ...



### The outcome of the Event:

After participation in the event, our students gained information on:

- How to apply project management concepts and techniques to an IT project.
- How to identify issues that could lead to IT project success or failure.
- How to manage projects in terms of the software development process.
- Responsibilities of IT project managers.
- How to apply project management concepts through working in a group as a team leader or active team member on an IT project.

**Wish you all the best**