Sarvajanik College Of Engineering and Technology

In association with

IEEE SCET SB, IEEE SPS SCET SBC, SIP CUP(EC)

Organizes

A National Level Project Competition

Data Science Challenge 2.0

~"Turn Data into Insights, Insights into Impact."

Venue : EC – AV Room on 5th March,2024

HOD : Prof. Chirag Paunwala

Faculty Co-Ordinator:

Prof. Sarosh Dastoor

Prof.Dhiren Bhagat

Prof. Chhaya Suratwala

Student Co-Ordinator:

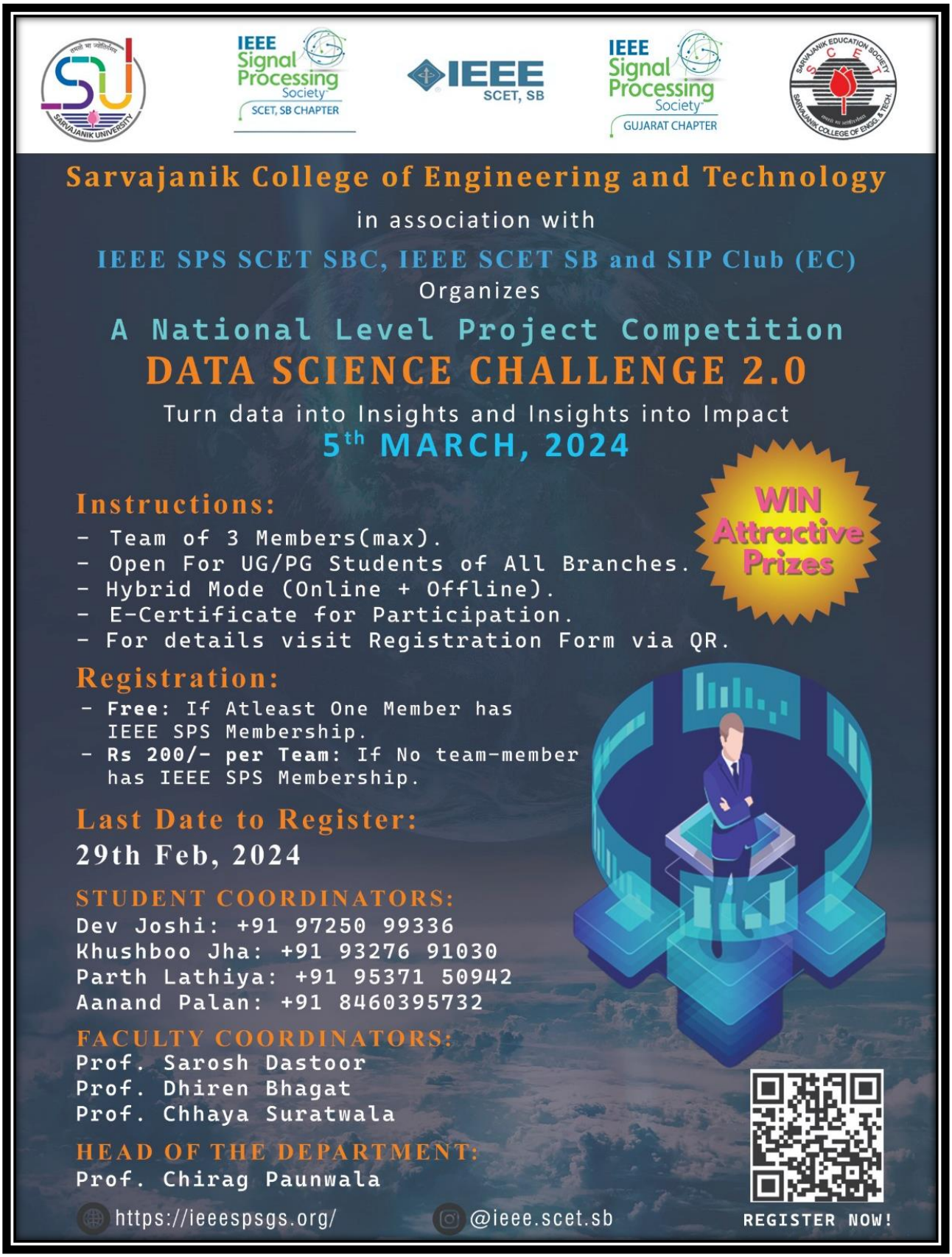
Mr. Dev Joshi

Miss.Khusboo Jha

Mr. Parth Lathiya

Mr. Anand Palan

Poster of the Event



About DSC 2.0

The Data Science Challenge 2.0 was organized with the motto of 'Turn data into insights and insights into impacts'.
By doing these kinds of events, the aim is to not only promote the problem solver in them, but also to encourage healthy team building environment as well as a sense of industrial exposure that shall help their growth as an individual.

Commencement of Event.

The event started with the Introduction of the Problem Statements given by the Industrial Experts followed by the brief introduction of the Jury members :

Problem Statements:

Face Anti-Spoofing for Enhanced Biometric Security: This challenge focused on developing techniques to detect and prevent spoofing attempts (e.g., using photographs or masks) in facial recognition systems.

Nuclei Instance Segmentation and Classification for Histopathological Analysis: This challenge tasked participants with creating algorithms to automatically segment and classify nuclei in histopathological images, providing valuable insights for cancer diagnosis and treatment.

Participation and Distribution:

A total of 24 teams participated in the event.

The distribution of problem statements was nearly equal, with 13 teams tackling the Face Anti-Spoofing challenge and 11 teams working on the Nuclei Instance Segmentation and Classification challenge.

L&T Hydrocarbon Engineering Limited:
6 years

Head of Technology Competency Centre
Jan 2023 - Present

Jury Member & Industrial Expert **Yagnesh Desai (JGM, L&T).**

Prof. Computer Dept. at Engineering & Technology

Jury Member: **Dr. Keyur Rana**

(Prof. Computer Dept. at Sarvajanik College of Engineering & Technology)

Event Summary:

The Data Science Challenge 2.0 (DSC 2.0), held on March 5th, 2024, served as a dynamic platform for university students to showcase their talents, gain industry insights, and delve into real-world data science applications. The event commenced with a warm welcome address emphasizing the significance of data science in bridging the gap between academia and industry. This opening ceremony set the stage for a day of intense competition and knowledge exchange.

Morning Session:

Opening Ceremony: The event kicked off with a warm welcome from the organizers, emphasizing the significance of DSC 2.0 in bridging the gap between academia and industry.

Following **final registrations** to ensure smooth participation and **collection of code and presentations**, the official competition commenced. This marked the beginning of the evaluation process by a distinguished judging panel comprising **Dr. Keyur Rana (Prof. Computer Engg. Dept SCET)** and **Mr. Yagnesh Desai (JGM, L&T)**, both experts in their respective fields.

Commencement of the Competition: The official competition began, initiating the evaluation process by the designated judging panel comprising Dr. Keyur Rana (SCET) and Yagnesh Desai (JGM, L&T).

All the jury members emphasized on how clearly one should be able to explain the project they worked for the event and any modification should be able to append without any error ensuring the **robustness of the code and your understanding towards your project**.

All the participants gave their all and **pitched their vision towards** their project with **Zeal & Enthusiasm.**

Various groups also gave **Hardware implementation** for their project by which they were able to showcase their result in real time & shown their proficiency towards the project.

The Jury then one-by-one took the presentation of all the groups and always asked questions that can help the participants to **delve more deeply in their project helping them in the long run.**

After all the presentation concluded , the Dias as well as the participants were guided for a short break and **refreshments**.

Afternoon Session:

Lunch: A catching a quick refreshment break the event was picked up from where it was left.

Evaluation:

The judging panel, consisting of **Dr. Keyur Rana and Mr.Yagnesh Desai,**

The panel meticulously evaluated the submitted projects based on criteria like , including:

- Originality of the approach
- Effectiveness of the solution
- Clarity and comprehensiveness of the presentation
- Alignment with the chosen problem statement

List of Winners

Position	Name	Year
1st	Aarya Shah & Twinkle Jariwala	4th
2nd	i) Taashna Jariwala & Pranavi Mehta	2nd
2nd	ii) Sahil Goti, Ansh Dobariya & Yash Kalathiya	3rd
3rd	Mangal Devanshu Govind, Prajapati Dhairya Naineshbhai & Ronit Tarunbhai Rathod	3rd
Consolation:		
i)	Desai Pratham Dharmeshbhai, Mo. Ruhaan Dalal & Jay Nasriwala	2nd

Valedictory :

The closing ceremony celebrated the achievements of participating teams. The winners for both problem statements were announced and presented with their well-deserved prizes, acknowledging their outstanding work and contributions.

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CERTIFICATE

- A memento was present by **Dr. Chirag Paunwala** to **Mr. Yagnesh Desai** as a token of **Appreciation.**

Closing Remarks:

The organizers expressed gratitude to all participants, judges, industry experts, and volunteers for contributing to the success of DSC 2.0.

Overall, the Data Science Challenge 2.0 provided a valuable platform for university students to:

Showcase their data science skills and knowledge.

Gain valuable industry insights from renowned experts.

Network with potential employers and professionals.

Apply their theoretical knowledge to solve real-world challenges in the field of data science.

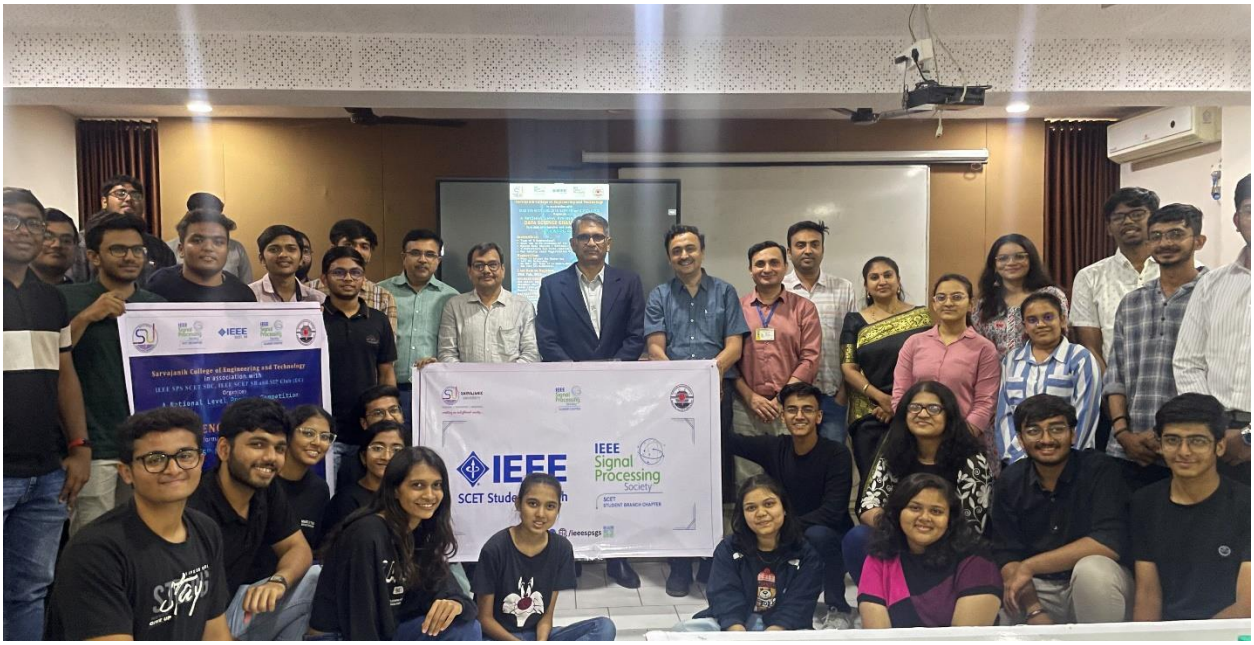
Lastly the Faculty Coordinators appreciated the efforts of all the Student Coordinators and Volunteers . It was very well managed event with wonderful flow and flawless outcome.

Remember:" Flowers of tomorrow are in the seeds of today. Let the perenniality be perennial with aromatic reverberance."

Conclusion :

The Data Science Challenge 2.0 concluded on a triumphant note, leaving a trail of exhilaration and inspiration in its wake! Not only did it unearth a wealth of hidden talent amongst students, but it also fostered a vibrant exchange of knowledge between academia and industry. Witnessing 24 teams dive headfirst into complex challenges, brimming with zeal and enthusiasm, was a testament to the power of data science. The presentations themselves crackled with energy, each group showcasing their unique approach with passion and clarity. The meticulous judging process ensured that the most innovative and impactful solutions were recognized, leaving the winners beaming with pride. This event wasn't just a competition; it was a springboard for future success, planting the seeds of possibility within every participant. The Data Science Challenge 2.0 was a resounding victory, and its echoes will surely resonate for years to come!

The Team Behind DSC - 2.0 :



Student Coordinators :