



## **Sarvajanik College of Engineering and Technology**

In association with

**IEEE CIS (Gujarat Chapter),**

**GDSC SCET and**

**IETE SURAT Sub Center**

Organized

### **NEURANEST CHALLENGE:**

### **STATE LEVEL DEEP LEARNING CHALLENGE**

Venue: EC – AV Room

Date: 29th April, 2024

#### **Faculty coordinators:**

Prof. (Dr.) Maulin Joshi

Prof. (Dr.) Sarosh Dastoor

#### **Student Coordinator**

Dhruvil Fulwala

Neerja Joshi

Khushboo Jha

Ria Kangriwala



Google Developer Student Clubs  
SCET



## POSTER FOR THE EVENT



# NeuraNest Challenge: Dive into Deep Learning

STATE LEVEL COMPETITION

**ABOUT:**

- Participants can make any deep learning based project.
- They have to do the practical demonstration in front of the jury
- Each participant will get **E-certificate**.

**RULES:**

- Under-graduate and Post-Graduate students only
- Hybrid mode (Offline + Online)
- Maximum 4 members in a team.
- Registration is **FREE**.

29 APRIL, 2024  
11:30AM ONWARDS  
EC AU ROOM, SCET



SCAN HERE!

WIN EXCITING PRIZES

**Student Coordinators**  
Khushboo Jha : 9327691030  
Ria Kangariwala : 7433046828  
Dhruvil Fulwala : 9081778811  
Neeraja Joshi : 6352849431

**Faculty Coordinators**  
Prof. (Dr.) Maulin Joshi  
Prof. (Dr.) Sarosh Dastoor



## FLOW OF THE EVENT:

The event focuses on the immense pool for the application of the deep learning. Deep learning being one the most rapidly growing field of science has a great impact on the making the human life easier and innovate it to its greatest strengths.

We had a special guest to invigilate and share knowledge about their expertise in Signal and Image Processing and Bio Medical Instruments, Prof. (Dr.) Jignesh Sarvaiya, Hod of Electronics and Communication Department, SVNIT, Surat.

The desk was all set for the students to present the ideas against the most overwhelming jury of all times i.e. Prof. (Dr.) Jignesh Sarvaiya, Prof. (Dr.) Maulin Joshi and Prof. (Dr.) Sarosh Dastoor.

As the event flows the projects are conversed simultaneously with the Participants along with each and every participant being guided with the astonishing knowledge shared by our invigilators.

All and around 22 Teams participated in the fest to be the greatest among all. Coming up with great ideas students were all motivated and energetic to present their work and impress the jury by their skills and knowledge.

Participant Colleges:

- (1) Sarvajnik College of Engineering and Technology, Surat
- (2) C K Pithawala college of Engineering and Technology, Surat
- (3) Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat
- (4) Silver oak University Ahmedabad



- (5) Adani Institute of Infrastructure Engineering (AIIE), Ahmedabad
- (6) UPL university of sustainable technology, Ankaleshwar

Some of the ideas presented are as follows:

1. Deep Learning Based Stock Analysis Model
2. Multiple EYE Disease Classification Deep Learning Model
3. Pneumonia Detection
4. Smart Car Dashboard
5. Equitable Grading System Using CNN NLP
6. Plant Disease Model
7. Virtual Keyboard Using Deep Learning
8. Deep Learning transformer Model from Scratch in Pytorch
9. Gesture Recognition

### TOKEN OF APPRECIATION







## TEAM BEHIND THE EVENT



After a long session of reviewing the projects and knowing the capabilities of each project based on its scalability, market competence, connection to the topic and many more aspects our jury came up with a tough decision to make about the top 3 projects who secured the highest position in our jury's eye. Also consolidating the teams who needed the slightest of improvement to be among the best of the Teams.

Here are the winners of the events:

1. 1<sup>st</sup> Prize (Virtual Keyboard using Deep Learning)
  - a. Shivangi Vyas
  - b. Harshita Pandit
  - c. Bhavy Gandhi



- d. Piyush Singh
- 2. 2<sup>nd</sup> Prize (Deep Learning Based Stock Analysis)
  - a. Aarya Shah
  - b. Sanskruti Patil
  - c. Priyanshi Ghelani
  - d. Niket Singhal
- 3. 3<sup>rd</sup> Prize (Multiple EYE Disease Classification by Deep Learning)
  - a. Vipsa Badiyani
  - b. Riddhika Cheruku
  - c. Fenil Chauhan
  - d. Yash Dangi

## EVENT WINNERS









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GROUP PHOTO





## CONCLUSION:

The Electronics and Communication Department of the SCET in association with IEEE CIS (Gujarat Chapter), GDSC and IETE Surat Sub center organized an event on deep Learning called the Neuraneest Challenge who's main goal was to motivate students to learn and present their ideas using Deep Learning as a mean and demonstrate their knowledge for the same. Here by starting a new legacy of events specifically for the growth and progress of students under great mentorship.