



A STATE LEVEL COMPETITION



**ANTENNA
PRACTICES 2.0**

20
23



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**ANTENNA
PRACTICES 2.0**

Organized by

**E&C Engineering Department,
Sarvajanik College of Engineering & Technology,
Sarvajanik University**

In

Association with

IETE Surat Subcenter

Technically Co-sponsored by,

Mobile and Wireless Technology Club (MWT)

E&C Engineering Department

INTRODUCTION ABOUT ANTENNA PRACTICE 2.0

The state-level competition on "Antenna practice 2.0" organized by Electronics and Communication Engineering Department in association with IETE Sub Center and Technically co-sponsored by Mobile and Wireless Technology club (MWTC) of E&C Engineering Department, SCET-Surat, at Sarvajani College of Engineering and Technology, Surat, Sarvajani University on April 26, 2023. The objective of this event is to motivate and encourage the students to explore the importance of antennas for next generation wireless application.

Competition aims to provide platform to students for the submission of their ideas for antenna and their application in commercialization. Identify novel approaches to realize antenna. These events are organized, for the students, by the students and faculties.

These events provide students an opportunity to showcase their technical and non-technical skills and talent. **Prof. Foram Dharsandiya** from Pacific School of Engineering, was Jury for the competition.

There is 100+ participants form 2nd and 3rd Year the Electronics & Communication Engineering.

TEAM

Dr. Pranav B Lapsiwala
EC Dept, SCET (faculty Coordinator)



Prof. Chhaya Suratwala
EC Dept, SCET (Faculty Coordinator)

Student Cooredinators **EC Dept, SCET**

- Mr. Meet Kathiriya
- Mombasawala Aleemuddin
- Nit Talavia
- Deepak Shamsheer
- Priyanshi Gelani

EVENT DETAILS

Event Type: State Level Competition

Event Platform: Physical and Contact Mode

Category: Technical Activities under Competition category,
AC year 2022-23

Schedule: 26 th April, 2023, 2:00 PM to 5:00 PM

Aspirants: Undergraduate Students of Engineering & Technology

Accessibility: Undergraduate Engineering Students

No. of Present Participants: Total 100 Students participation for
different categories.

Technical Sponsored: IETE Surat Sub Center of Rs. 2000/-

Technical Co-Sponsored: Mobile and Wireless Technology Club,
EC Engineering Department, SCET-Surat.

Jury: Prof. Foram Dharsandiya, Pacific School of Engineering

KEY POINTS

Competition Category in "Antenna Practices 2.0"

Category -1: Antenna Design:

Theory to Practice:

The category is for the antenna design, simulation and Analysis purpose. Four team has participated and total students participated were 20.

Category -2: Antenna Poster Competition:

The poster of theory

Concepts, Application of antenna and radio system, Design Specific antenna discussion (reference to Standard Journal Research Article / Literature), 19+ team has participated in different poster design and total students. participation were 55+

Category -3: Art and Intellect for Antenna:

The category was introduced to motivate students for representing their concept of RF and Antenna in the form of poem, story (Drama), Drawing, collage, Comprehensive for given antenna design, application, case study. Many students group represent the Antenna concept on creative way like making animation, drawing and poem. There were 11 Team registered and 30+ students were participated.

EXPECTED OUTCOME

1. The Competition provides the platform to students for participate, present, communicate, representation, deliver, interact, and participate for their learning about the domain of Radio Frequency Circuits and Components, Especially for Antenna Theory to Practice.
2. The competition develop, create and extract the skill of leadership, administration, organize, thought process, idea to implement, communication, learning in competitive and trend technology environment of students as an individual or team member to leading the team.

WINNER & COORDINATORS EVENT CERTIFICATE



SESSIONS CONDUCTIONS ART & INTELLECT



POSTER PRESENTATION



WINNERS

1 Antenna Design: Theory to practice

Position	Team Leader	Team members	Year/ SEM	College, Branch,	Title
1st	Meet Kathiriya	Meet Kathiriya Mombasawala Aleemuddin Deepak Sham sheer	3rd year/6th sem	SCET/EC	Array antenna

2 Antenna Poster Competition

Position	Team Leader	Team members	Year/ SEM	College, Branch,	Title
1st	Aastha Patel	Aastha Patel Twinkle Jariwala	3rd year/6th sem	SCET/ EC	Long range antenna
2nd	Meet Kathiriya	Meet Kathiriya Mombasawala Aleemuddin Deepak Shamsheer	3rd year/6th sem	SCET/ EC	Electromagnetic Metamaterial Antenna
3rd	Aarya Shah	Aarya Shah Hetasvi Bhimani Marmik Joshi	3rd year/6th sem	SCET/ EC	Wideband Wearable Antenna For Biomedical Telemetry Applications

WINNERS

3 Art and Intellect with Antenna

Winner	Team Leader	Team members	Year/ SEM	College, Branch,	Title
1st	Nit Talavia	Nit Talavia	3rd year/6th sem	SCET/EC	Poem and Story on Antenna
		Dhaval Sorathiya			
		Priyam kakadiya			
2nd	Niket Singla	Niket Singla	3rd year/6th sem	SCET/EC	Types of Antenna
		Rahul Agarwal			
3rd	Shweta Patel	Shweta Patel	3rd year/6th sem	SCET/EC	Global Observing System With Antenna
		Janvi Nariya			
		Sosmita Paul			

THANKING YOU



Sarva Education Society
Sarva College of Engineering and Technology (SCET),Surat
Electronics and Communication Department
Reaccredited by National Board of Accreditation , New Delhi for 3-years w.e.f. July 2019



In association with
IETE and MWTC club Organizes

State Level Competition Antenna Practices 2.0



Competition Category

- Antenna Design: Theory to practice
- Antenna Poster Competition
- Art and Intellect with Antenna

Rules

- Team of 2-3 students
- Open for Undergraduate Engineering students
- For more detail visit Registration link

Registration Detail

<https://tinyurl.com/322exfeh>



Date, Time, Venue

26 April 2023
2 :00 PM to 5:00 PM
AV room EC Dept, SCET

Prizes

- Attractive prize for winners
- e-certificates for participation

Coordinators

Pranav Lapsiwala
Associate Prof. EC Dept
8866656597

Chhaya Suratwala
Assistant Prof. EC Dept
9727790930