

2<sup>nd</sup> Edition

# One Day International Workshop on Recent Advances in Fundamentals, Analysis, Design, Fabrication & Test of Advanced Antennas for Space, Air, & Ground Applications

5<sup>th</sup> March 2024 (8.30 AM to 5.30 PM)

Presentations by:

Four World Renowned experts from USA with 2 IEEE Fellows,  
1 IEEE APS YP Ambassador and 1 Director Technical.

Organized by:

IEEE Student Branch & IETE Student Branch



Sponsored by:

IEEE-APS & WAMS



**VIGNAN'S**  
Foundation for Science, Technology & Research  
(Deemed to be UNIVERSITY)

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Organised by: Dept. of Electronics and Communication Engineering  
School of Electrical, Electronics and Communication Engineering (SEECE)



**Dr. Sudhakar Rao**

IEEE Life Fellow, FIETE, WAMS Life Fellow President & CEO, RaoS Consultants LLC, USA

Topic 1: Advanced Antenna Designs for Space, Air & Ground Communications: Simple is Elegant!"



**Dr. Nacer Chahat**

IEEE Fellow, Senior Engineer NASA/JPL, USA

Topic 3: Mars Helicopter Communication Link and Innovative Antenna for Cubesats, Landers, and Rovers.



**Dr. Gaurangi Gupta**

IEEE APS YP Ambassador

Antenna Engineer, NASA/ JPL, USA

Topic 4: Innovative Antennas for Satellite Telecom, Radar Systems and Radio Telescope Engineering.



**Mr. Narayanaswamy Shanmugam**

Director Technical

M/S ANANTH TECHNOLOGIES PVT LTD, Hyd

Topic 4: A novel broadband high gain printed antenna for Ground Penetrating Radar.

## Program Schedule

Timing	Topics
08.00–08.30 am	Registrations
08:30–09.00 am	Inauguration
09.00–10.30 am	Topic 1: Advanced Antenna Designs for Space, Air & Ground Communications: "Simple is Elegant!"
10.30–10.45 am	Tea Break
10.45–12.15 am	Topic 2: Mars Helicopter Communication Link and Innovative Antenna for Cubesats, Landers, and Rovers.
12:15–01.30 pm	Lunch Break
01.30–03.00 pm	Topic 3: Innovative Antennas for Satellite Telecom, Radar Systems and Radio Telescope Engineering.
03.00–03.15 pm	Tea Break
03.15–04.30 pm	Topic 4: A novel broadband high gain printed antenna for Ground Penetrating Radar
04.30–05.00 pm	Interaction with Attendees
05.00–05.30 pm	Certificate Distribution and Valediction

## WHO SHOULD ATTEND?

Students, Research Engineers, Academicians and industry professionals.

### Registration Details :

Registration fee : Rs 250 for students

Rs 500 for professionals

Registration Link: <https://vignan.ac.in/WAASAGA2024>

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