CIDS Seminar Halls 01 & 02

Sunday, 29 November 2026 · 9:30 AM – 12:30 PM · 3rd Floor, CIDS, NITK Surathkal · 29 papers

TOPIC KEY (A) Antennas & hardware (S) Space & satellites (E) Emergency & public service (O) Operating & community (T) Tech & innovation (P) People & journeys

Seminar Hall 01

SH-01 · 16 PAPERS

9:30 AM – 12:30 PM

Chair Dr. G. Ramachandra, VU2GRB

Co-chair Dr. Sampath Kumar H C, VU3PWO

Seminar Hall 02

SH-02 · 13 PAPERS

9:30 AM – 12:30 PM

Chair Prof. Somashekara Bhat, VU2NJN

Co-chair Prof. T. Laxminidhi, VU2WFN

ORDER NOT FIXED Presenters are called by the Chair as they are available in the hall.

TIME

9:30 AM

ANY ORDER · CALLED BY THE CHAIR

12:30 PM

Seminar Hall 01

(P) **When the Airwaves Called**
Dr. Rajesh Gratian D'Souza, VU3FEC

(P) **Signals from the Horizon**
Tanish Tejaswi M S, VU2ITM

(P) **The Hobby of Tuning the Radio Dial**
Sanil Deep, KD2BJA

(A) **Towers for Antennas**
Prakash Srinivasan, VU2IBI

(A) **Composites in Amateur Radio Antenna Structures**
Swarada Pangu, VU33IC

(A) **A Compact 80/40/30 Metre Dipole in a Single Cable**
Sajeev Sukumar, VU2MSA

(O) **Parks on the Air (POTA) in India**
Bharath Palavalli, VU3GLJ

(E) **Design and Field Deployment of a Rugged 1.3 kWh $LiFePO_4$ Power Station for Amateur Radio Disaster Communications**
Sudhakar Gopalrao, VU3LLC

(E) **Strengthening Disaster Resilience Through the Amateur Radio Community**
Srinivasa Varma K, VU2LWG

(E) **The Radio Box of Rescue**
A. K. Nishanth, VU3MOE

(O) **Malabar Repeater Club**
VU2MWW Team, Kannur, Kerala

(T) **BinGo: Intelligent Solar-Powered IoT System for Smart Waste Management**
Aayushi Gupta, Ojasvi Tomar, Shraddha Nair, Shreyansh Shrivastav, Bhavin Adapa

(O) **Challenges in Establishing a Portable Amateur Radio Communication Station on a Small Offshore Island**
Ankitha Rao et al.

(S) **Satellite Tracking, Data Reception and Analysis Using Homebrew Antennas**
HN Suresh Kumar, VU2HNS

(T) **An Edge Platform for Real-Time Aircraft Tracking**
Arshya, Pavan, Saravan, Kishan, Dr. Pruthviraj U, VU33PU

(P) **Curiosity to HAM**
Abhinav Chintapatla, VU3UCB

Seminar Hall 02

(T) **A Real-Time Experimental HF Propagation Decision System Using Live Space Weather Data**
S Aditya Arun Kumar, VU37SV

(E) **The Invisible Lifeline — the Role of HAM in Motor Sports**
Sridhar Chintapatla, VU2SCR

(E) **Mayday Traffic**
Chandrakant Ghaidar, VU2CKI

(O) **Chasing Contacts in the Wild: A Parks on the Air (POTA) Journey Across India**
Hari, VU2UCR

(O) **The Three Pillars of a Contest Station: Performance, Efficiency, Reliability**
Madhu, VU3NPI

(S) **QO-100: My Voice Across Continents**
Rajesh Kannan, VU2OW

(E) **An Explainable AI-Assisted Store-and-Forward Architecture for Amateur-Radio Emergency Communications at Nashik Simhastha Kumbh Mela 2027**
Dr. Rahul Vijay Ranalkar & Dr. Kirankumar Premchand Johare

(P) **A Skill from Scratch**
Malini, VU3UJT & N Deepan, VU2DPN

(P) **Beyond Frequencies: The Human Side of Amateur Radio**
Vivekananda Bhat, VU39VB

(P) **Beyond the Classroom**
K Pavan Kumar, Dr. Pruthviraj U, VU33PU

(S) **Eyes on the Sky**
Darshan, VU39DH, Haridarshan, VU37HK, B. Pranav

(O) **HF DXing**
Vijay K Yadav, VU2YVK

(E) **AI-Assisted Emergency Messaging for Lightning and Flash-Flood Resilience in Rural India**
Dr. Kirankumar Premchand Johare

Presenter Guide

Technical Paper / Article Presentation · Sunday, 29 November 2026 · Seminar Halls 01 & 02, 3rd Floor, CIDS, NITK Surathkal

TOPIC KEY (A) Antennas & hardware (S) Space & satellites (E) Emergency & public service (O) Operating & community (T) Tech & innovation (P) People & journeys

EACH PRESENTATION · 5 MIN + 3 MIN Q&A

0:00 – 5:00	5:00 – 8:00	RIGHT AFTER
Presentation · 5 min	**Q & A · 3 min**	**Certificate on the spot**

The Chair / Co-Chair may extend or adjust times depending on the number of presenters and the overall session schedule.

PRESENTER CHECKLIST

BEFORE

Load your file early

Bring your PPT / PDF / video on a USB pen drive and load it onto the designated system well before the session. On the day of presentation, a laptop will be available in your seminar hall from 9:00 AM onwards to load your files.

BEFORE

Be in your hall in advance

Be present in your seminar hall well ahead of 9:30 AM so the session runs smoothly and on time.

DURING

No fixed running order

The Chair and Co-Chair invite presenters based on who is available in the hall.

DURING

Keep to 5 + 3

5 minutes to present, 3 minutes for questions — unless the Chair adjusts it.

AFTER

Collect your certificate

Certificates of presentation are given on the spot, right after you present.

WHERE

3rd Floor, CIDS

Seminar Hall 01 and Seminar Hall 02 · 9:30 AM – 12:30 PM.

Seminar Hall 01

9:30 AM – 12:30 PM · 16 PAPERS

Chairman: Dr. G. Ramachandra, VU2GRB
Director, Engineering, CISCO Bangalore

Co-Chairman: Dr. Sampath Kumar H C, VU3PWO
Quality Control and R&D, MRPL, Mangaluru

TOPIC MIX



(A) Antennas & hardware · 3 (S) Space & satellites · 1
(E) Emergency & public service · 3 (O) Operating & community · 3
(T) Tech & innovation · 2 (P) People & journeys · 4

Seminar Hall 02

9:30 AM – 12:30 PM · 13 PAPERS

Chairman: Prof. Somashekara Bhat, VU2NJN
School of Electrical Engineering, Manipal MAHE

Co-Chairman: Prof. T. Laxminidhi, VU2WFN
Electronics & Communication Engineering, NITK Surathkal

TOPIC MIX



(S) Space & satellites · 2 (E) Emergency & public service · 4
(O) Operating & community · 3 (T) Tech & innovation · 1
(P) People & journeys · 3