

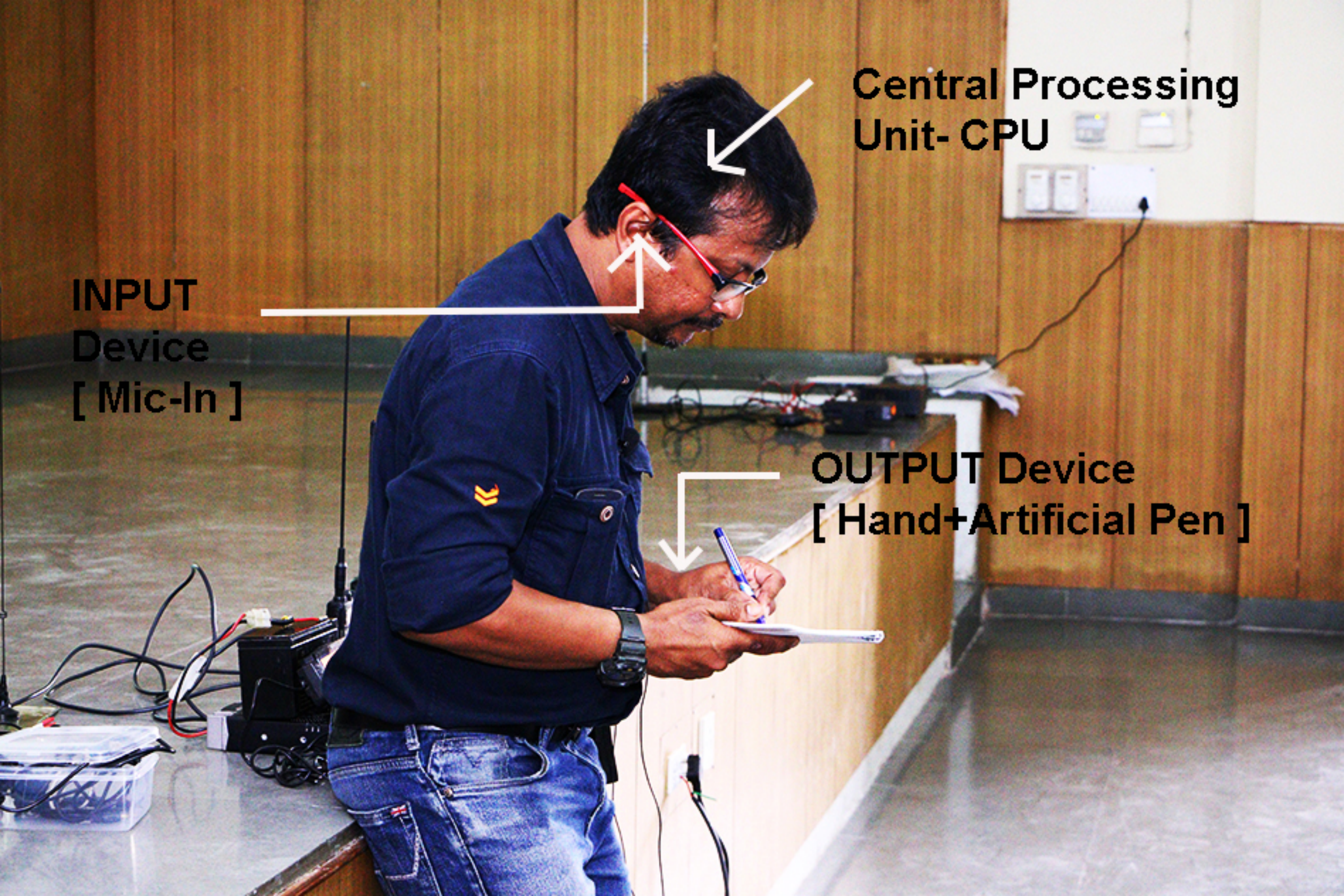




**Central Processing  
Unit- CPU**

**INPUT  
Device  
[ Mic-In ]**

**OUTPUT Device  
[ Hand+Artificial Pen ]**











# STATE LEVEL TRAINING PROGRAM ON HAM RADIO



Organised by

KIM STATE COLLEGE OF SCIENCE AND TECHNOLOGY

ASIA PACIFIC SCIENCE SCHOOL





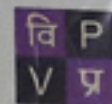








## STATE LEVEL TRAINING PROGRAM ON HAM RADIO



Organised by  
SIKKIM STATE COUNCIL OF SCIENCE AND TECHNOLOGY

Supported by  
VIGYAN PRASAR, DEPARTMENT OF SCIENCE & TECHNOLOGY,  
GOVERNMENT OF INDIA, NEW DELHI

VENUE: SIKKIM SCIENCE CENTRE

DATE: 9<sup>th</sup> - 14<sup>th</sup> MAY



























सत्यमेव जयते

nidm  
Towards a disaster free India.....

# "Communications in Emergencies and Disaster Situations"

17-18 January, 2017

Ground Floor, Conference Hall, NIDM

Organized by

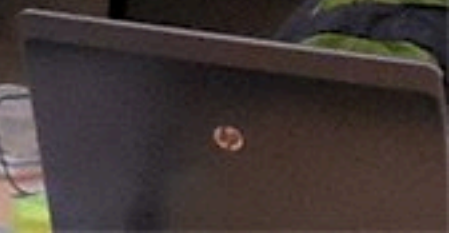
NATIONAL INSTITUTE OF DISASTER MANAGEMENT

Ministry of Home Affairs, Government of India

in collaboration with

Directorate General of Emergency Response

Prasar





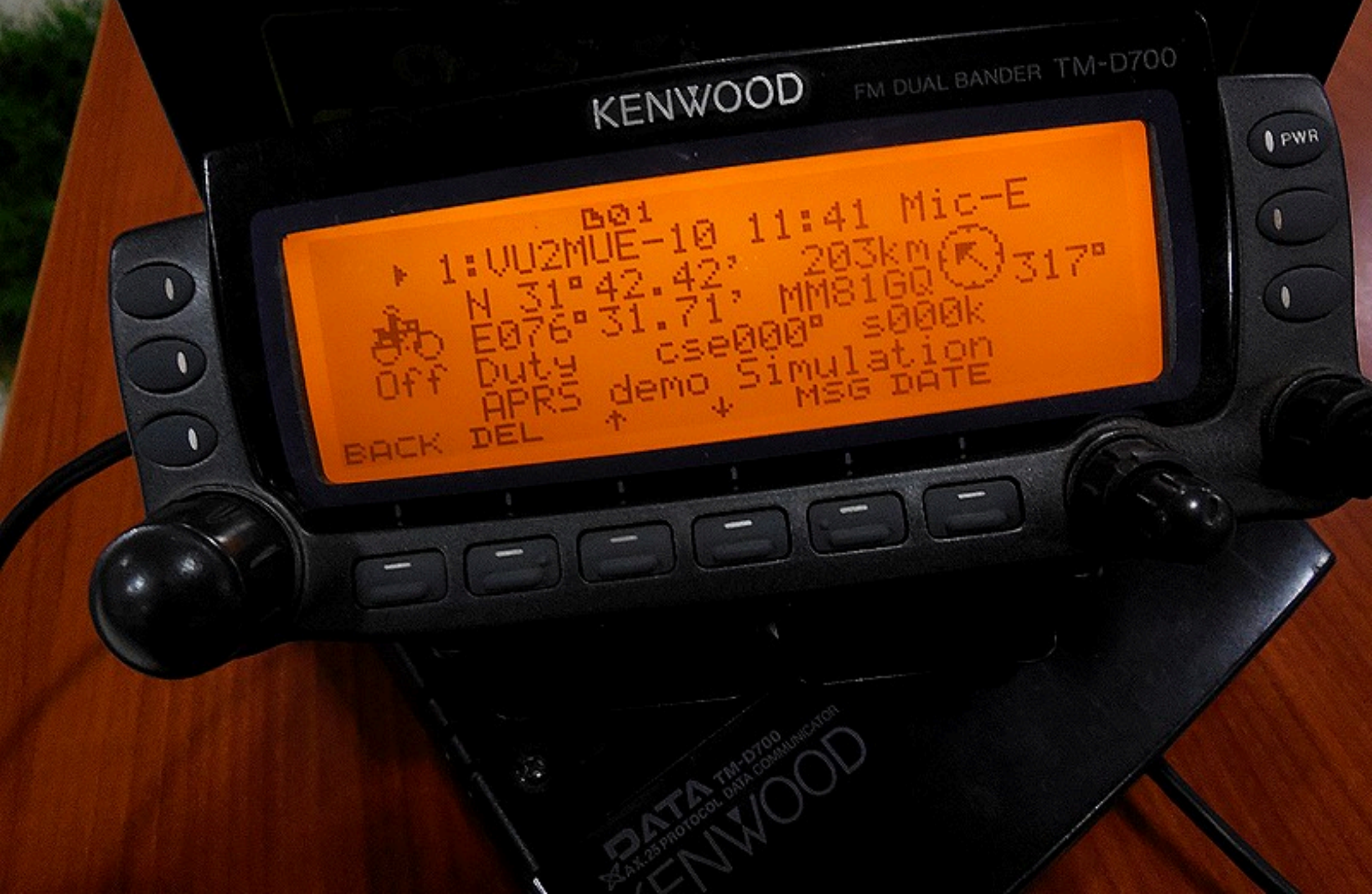








# KENWOOD TM-D700 Data Radio/Digipeater







KENWOOD TM-D700  
Data Radio

My YAESU VX-8DR



My Field Strength Meter  
[ Armed Forces Junk ]  
to sniff  
“Hidden  
Transmitters”?































**RADIO SOCIETY OF ASSAM (ARSA)**

November 2005 ☐ e-mail: samham@rediffmail.com

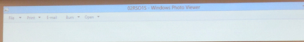












Sandeep Baruah

September 9, 2011 · 30 ·

ARISat-1 ham satellite image capture: 09/09/2011 New Delhi 09:05 IST (03:35Z) MEGA-1 camera +Y pointing camera (mirror reversed) Something blackish observed at the lower right [a portion of the satellite?]

Pass: 52 degrees Elevation 130 degrees at the time of capturing

WX: Heavily raining. Satellite CCTV camera pointing to some far away clear sky!

Rgt: YAESU VX-80R  
Antenna: 3 Element Yagi (Arrow)

Tag Photo Add Location Edit

Like Comment Share





Explaining that it is easy to make a Dipole Antenna  
for High Frequency World-Wide operation



College, Ghaziabad  
International Workshop  
Communications &  
National Environments  
5th September, 2016  
Organized by  
ANES, ACM Student & ACM-VE Faculty

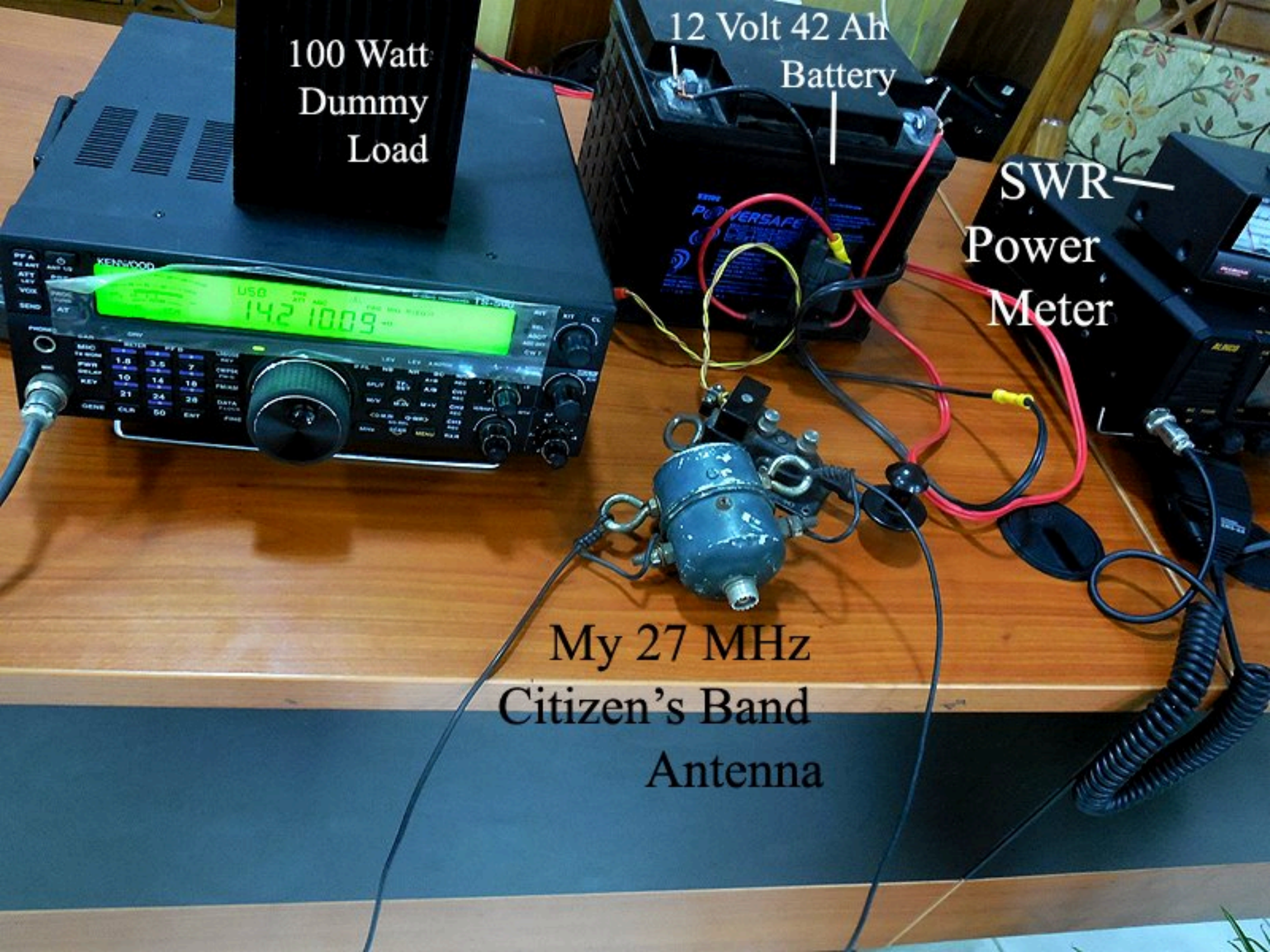


100 Watt  
Dummy  
Load

12 Volt 42 Ah  
Battery

SWR—  
Power  
Meter

My 27 MHz  
Citizen's Band  
Antenna





nidm  
Towards a Disaster Free India  
Disaster Situations"  
NIDM  
MANAGEMENT  
of India  
shan







Sandeep .ua  
Sr. Scientist (Vasasar, DST)





## STATE LEVEL TRAINING PROGRAM AM RADIO



Organised by

SIKKIM STATE COUNCIL OF SCIENCE & TECHNOLOGY

Support

VIGYAN PRASAR, DEPARTMENT OF SCIENCE & TECHNOLOGY,  
GOVERNMENT OF INDIA

VENUE: SIKKIM SCIENCE CENTRE

MAY 2016

AMATEUR RADIO











ABES Engineering College, Ghaziabad

NAAC Accredited & NAAC Approved Branches (CSE, ECE, & ME)



ACM ABES Chapter International Workshop

on

"Amateur Communications & Computing in Virtual Environments"

for September 2016

of IT

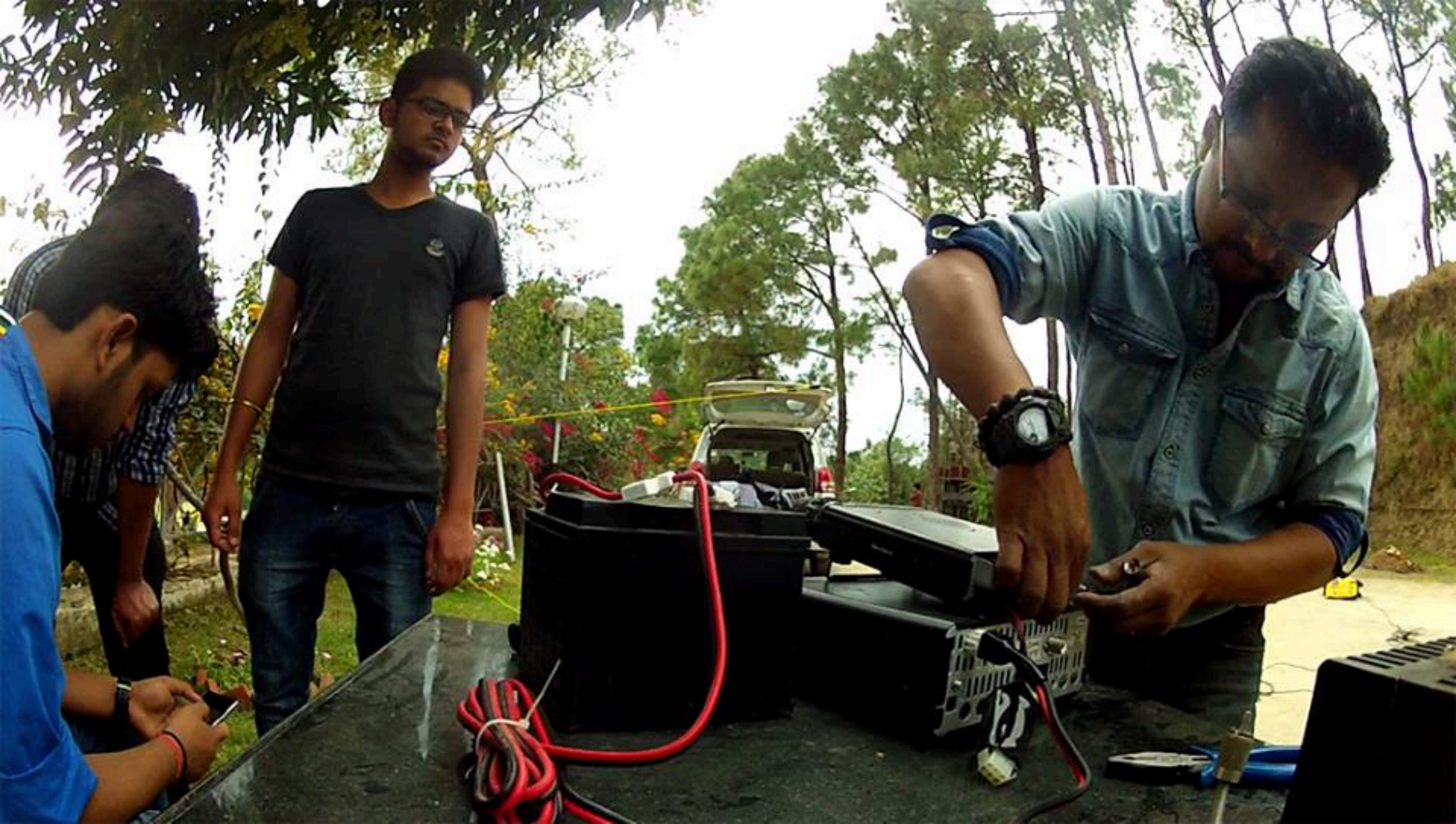
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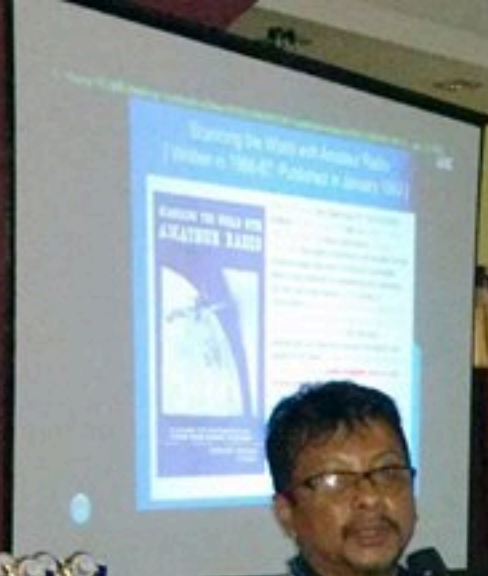




**orã**  
Society of Radio Amateurs

s: 28 - 29 January 2017

ur,  
communications.

















ARSA

# AMATEUR RADIO SOCIETY OF ASSAM (ARSA)

Estd. : 25<sup>th</sup> September 2005 ☐ e-mail: [amham@rsas.org.in](mailto:amham@rsas.org.in)











**Sandeep Barua**  
**VU2MUE**

**Session 6 : Integrating  
GPS with HAM Radio**  
**Date : 06-11-2016**













## Ham radio training in Sikkim

**SE Report**

**GANGTOK, March 9:** A six-day certification training-cum-workshop on Ham Radio started today at Sikkim Science Centre, Marchak. The training programme is being organized by Sikkim State Council of Science & Technology with support from Vigyan Prasar, Department of Science & Technology, Government of India.

The Quick Response Team under State Disaster Management department, teachers, media persons, NGOs and volunteers are undergoing the training programme which will cover in-depth Ham Radio studies, informs a press release.

During the workshop, the participants will also get to know the advance applications of Ham Radio such as packet radio and data transfer using PSK31.

The training programme will be followed by an examination to become certified HAM user which will be conducted by Union Ministry of Communication.

The inaugural session was

attended by Science & Technology principal secretary Anil Mainra as the chief guest.

While welcoming the resource persons and participants, Mainra explained the importance of alternative mode of communication during natural disaster and how it can save several lives if there are trained persons in remote areas to communicate with the help of such device.

He suggested all participants to be serious and take interest during the training so that the State's effort does not go waste.

Scientist Sandeep Baruah from Vigyan Prasar and former State Information Technology secretary Rajesh Verma are the resource persons.

During many of the past large scale disasters all over the world, Amateur Radio Service (Ham Radio) has proved its efficacy in quick dissemination of disaster management information like search and rescue, relief work, tracking of missing person, real-time plotting of vehicles and personnel involved in disaster management and transmission of weather telemetry data.

## Gangtok resident s Mansarovar Yatra

**Staff Reporter**

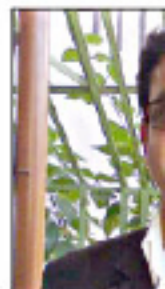
**GANGTOK, May 9:** An assistant engineer working with the State Rural Development department has been selected to undertake the Kailash Mansarovar Yatra through Nathu La route this year.

Toyanath Sharma (47) from Gangtok would visit Kailash Mansarovar through Nathu La in the fifth batch of the annual pilgrimage. His name was selected after the computerised draw of lots conducted by the Union External Affairs (MEA) ministry in New Delhi on May 6.

Sharma said he is happy but not excited. "I am happy that my name has been listed out in the draw but I am not excited as I have to go through medical test," he told SIKKIM EXPRESS.

A total of 2,482 complete applications, comprising 1948 males and 656 females, were registered for the draw this year. Among them, names of 1,430 applicants have been selected to undertake the yatra starting from June 12.

State Tourism department officials said they are however



**Toyanath**

unaware of Sikkimese shortlisted for

In 2013 pilgrims from selected. The opening of motorable route through Nathu La in Sikkim. The following a Indian and C in 2014. This pilgrims are c Nathu La route

The ME yatra during each year through routes - the Uttarakhand Pass in Sikkim open to eligible holding valid who wish to Mansarovar purposes.



ABES Engineering College, Ghaziabad  
NAC Accredited & NBA Accredited Branches: CSE, ECE, & ME  
acm India

ACM ABES Chapter International Workshop  
on  
"Amateur Radio Communications &  
Computing in Educational Environments"

Resource Persons  
Dr. Miroslav Skoric  
University of Novi Sad, Serbia (CMR & IEEE Senior Associate)  
Dr. Sandeep Baruah  
Department of Computer & Technology,  
University of Jalandhar, India

Chief Guest  
Dr. M.K. Sani  
Vice-Chancellor, ABES  
Guest of Honor  
Dr. S.S. Tanga  
ABES, Ghaziabad

Organized by - ABES ACM  
Hosted by - Department of Computer & Technology  
from 14<sup>th</sup> to 15<sup>th</sup> Nov 2015

SANDEEP BARUAH  
E VIGNAN PRASAD



























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STATE LEVEL TRAINING PROGRAM ON SCIENCE & TECHNOLOGY











RUSSIA  
KAMCHATKA  
G. L. GORGI



УАФРС  
VALERY A. MAKAREVICH



Space for  
the peace  
purpose

Interspace



UA9U















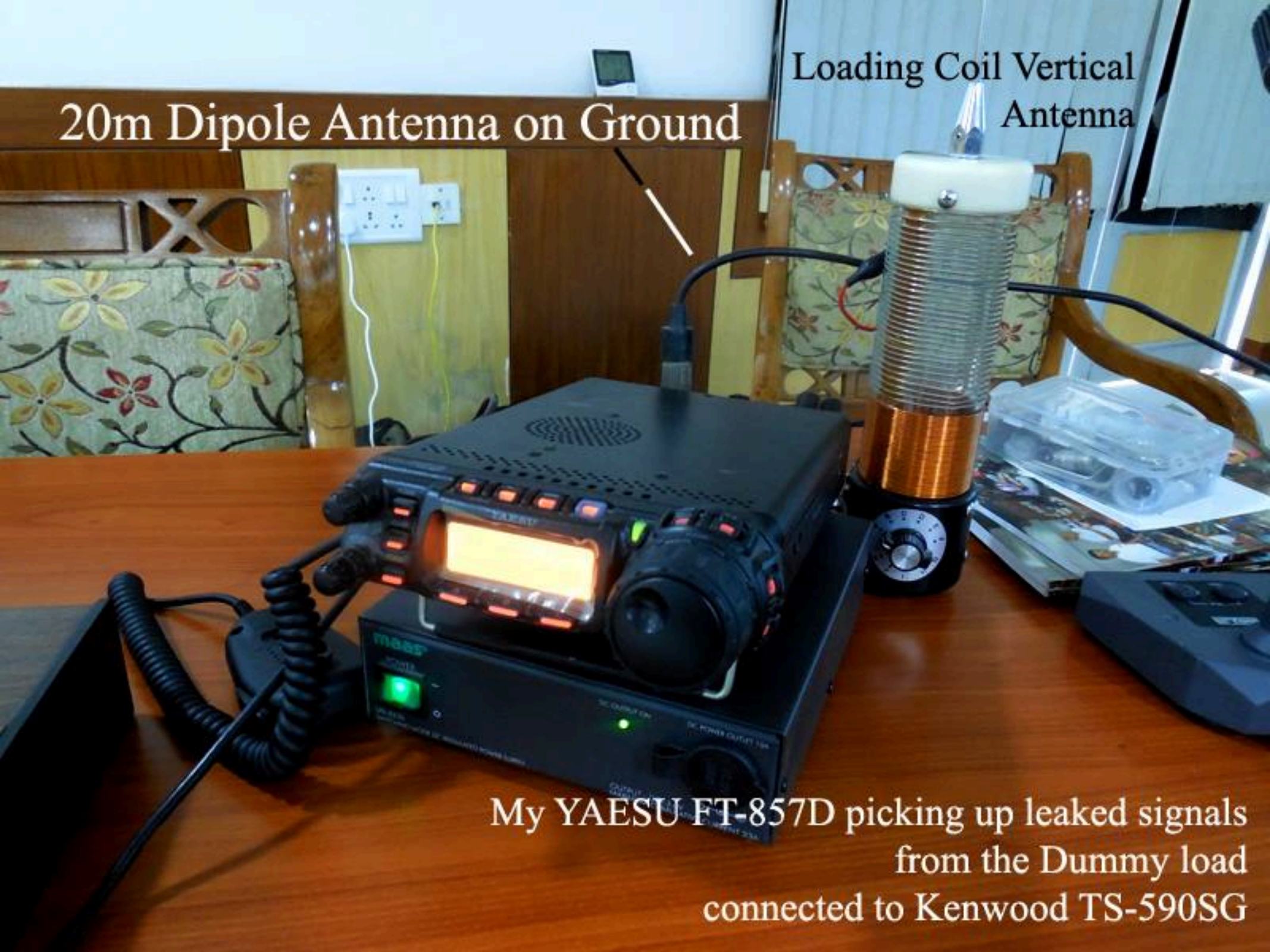




20m Dipole Antenna on Ground

Loading Coil Vertical  
Antenna

My YAESU FT-857D picking up leaked signals  
from the Dummy load  
connected to Kenwood TS-590SG







12 April 2016

Rajiv Gandhi Centre of Science and Culture, New Delhi  
Website: <http://ind.rcnk-rs.org>





