



GPS & Beyond - An Introduction to Satellite Positioning S

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Meet



INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION
to Sumathi, kavya, Ramesh, Mr.A.N.Duraivel, DURAI, ECE, ecehod, raan

Dear Faculty / ISF Coordinators

IETE Chennai is conducting a Webinar Series with Easwari Engineering College, Jeppiaar Institute of Dr RR Engineering College in Madras Section have

Topic: **Webinar on "GPS & beyond: An introduction to Satellite Positioning Systems**

Date: **11.07.2020**

Timings: **6.00 PM to 7.00 PM**

Register@: <https://tinyurl.com/iete-webinar-11>
e-certificate will be provided for all participants

Speaker: **Dr K M Sivakholundu, Vice Chancellor**

Main Note to Participants: The person who attend this webinar will be given at the time of webinar, the participation is ***mandatory*** to all



REPORT ON IETE WEBINAR SERIES #11

“GPS AND BEYOND:AN INTRODUCTION TO SATELLITE

POSITIONING SYSTEM” dated 11th July 2020

IETE Webinar Series #11 was coordinated by the IETE Student Forums of five colleges namely, Sri Venkateswara College of Engineering, Panimalar Institute of Technology, Easwari Engineering College, Jeppiaar Institute of Technology and Veltech Multitech Engineering College.

FLYER ON WEBINAR #11 BY IETE CHENNAI CENTRE

The Webinar was delivered by DR.K.M.Sivakholundu on 11/07/2020 from 6:00 PM to 7:00 PM (Saturday). 216 participants actively participated in the Webinar.

DR.K.M.Sivakholundu is currently working as Interim Vice Chancellor of IMU, which is a Central University under the Ministry of Shipping. He is completed his M.Tech. in Marine Structures from Karnataka Regional Engineering College he moved to National Institute of Ocean Technology, Chennai, as Scientist in 1998. He worked in Coastal Engineering Group of NIOT as scientist up to 2015. Between 2009 and 2015, as Project Director he headed a multi-disciplinary group involved in coastal engineering projects. He started his career as Hydrographic surveyor in National Institute of Oceanography, Goa in 1982. He obtained PhD from Indian Institute of Technology (Madras) in 2009 with a study on the effect of Tidal Hydrodynamics on Harbour Siltation.

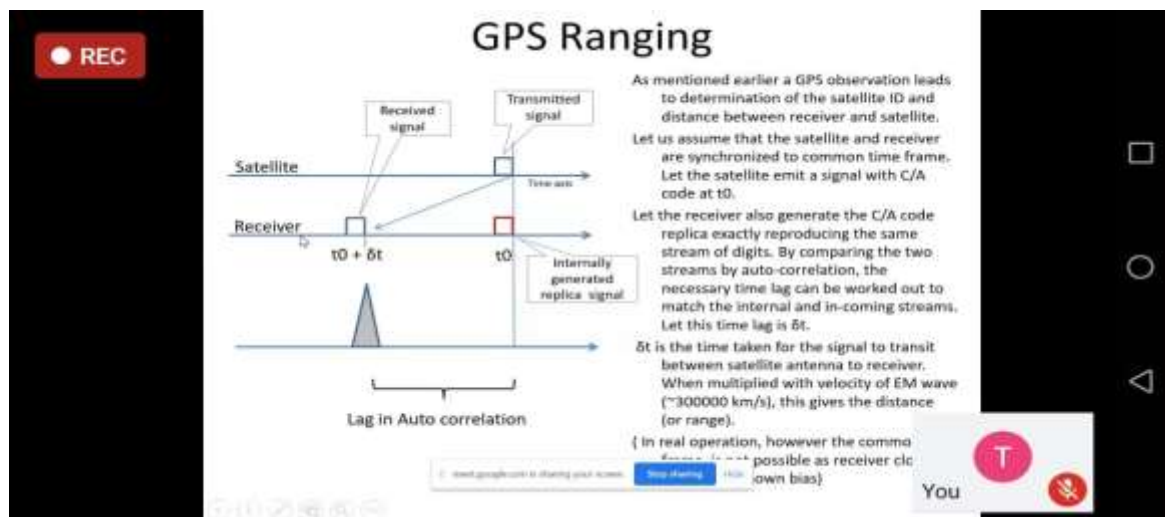
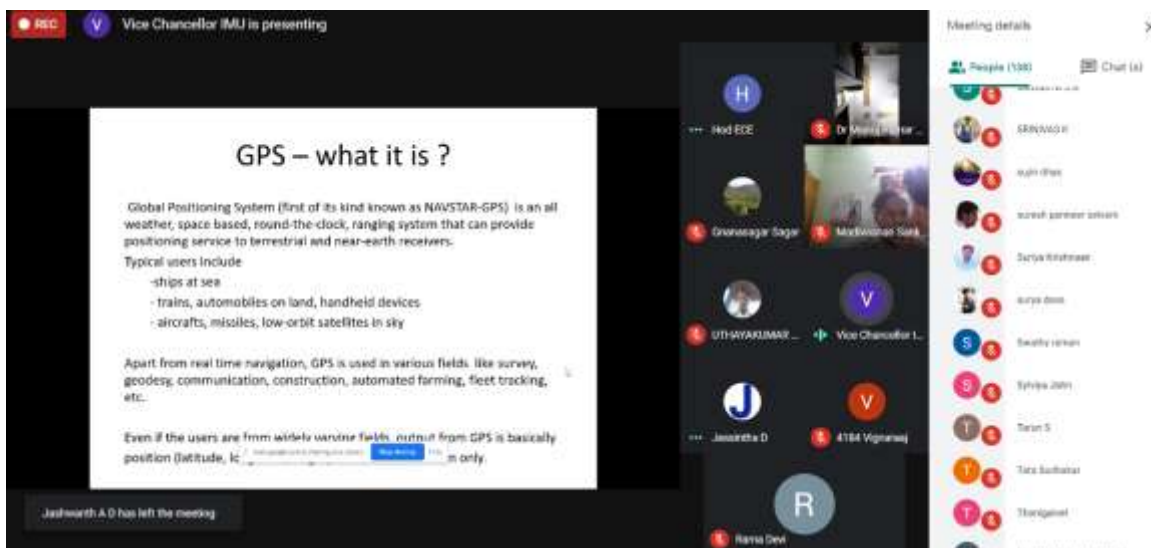
During his 35 years of service, he has been involved extensively in engineering investigations and oceanographic studies for projects like Harbor development, submarine pipeline routes, shoreline protection and coastal development works. Dr. Sivakholundu had switched to academics in 2015 and became a Professor at Indian Maritime University. He was attached to the School of Naval Architecture & Ocean Engineering at Visakhapatnam Campus of IMU.

He has more than 30 research publications to his credit and has contributed to more than 50 project reports.

The session progressed with the expert talk by DR.K.M.Sivakholundu. He gave a detailed outlook on GPS and Introduction to Satellite Positioning Systems.

Some of the key points discussed in the Webinar were:

- GPS-What it is?
- GPS: Space Segment
- Navigation message
- GPS Ranging
- Position computation-A simple model
- Future of Satellite Positioning
- IRNSS constellation



SESSION BY DR.K.M.Sivakholundu (SPEAKER)

The session was truly interesting and enlightening. All the participants were captured by the knowledge portrayed by the chief guest speaker. The chief guest speaker was also very interactive and answered every question put forth by the participants during the “Q&A” session. The session concluded with a Vote of Thanks.

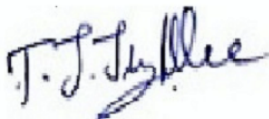
Total Number of Participants: 216

The participants were from different colleges throughout India.

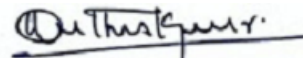
SVCE-ISF team comprising of Ms.T.J.Jeyaprabha and Ms.D.Menaka, SVCE-ISF coordinators, Honorary Secretary of SVCE-ECE-ISF - Mr.Thejeshrao (III Year ECE) and SVCE-ECE-ISF Executive Members Mr.Vishnusai (II Year ECE), Mr.Niranjan.S (II Year ECE), Mr.Harshavardhan (II Year ECE) and Ms.Reshmi (II Year ECE) and Mr. Piyush (III Year ECE), RAIC President, synchronized well in communicating the significance of the webinar to the SVCE student fraternity and coordinated for the successful execution of the event.

Prepared by

IETE-SF



Co-ordinator



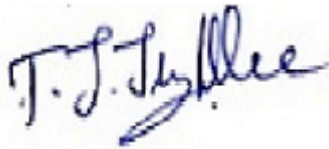
Head of the Department
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(2017-2021 batch)

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97	170701121	Sandeep Pai	ECE
98	170701123	Santhosh vs	ECE
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