

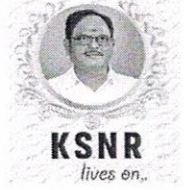


K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

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Lr./KSRMCE/ (Department of E.C.E)/2021-22/

Date: 20.09.2021

To

The Principal,
K.S.R.M.College of Engineering
Kadapa.

Respected Sir,

Sub: KSRMCE - (Department of E.C.E) - Subject – Requested - Reg. conducting a webinar for students.

It is being brought to your kind notice that, With reference to the cited, the department of Electronics & Communication engineering would like to conduct a webinar on “Synchronization of TDMA bursts with short preamble for Geo satellite receiver” on 28-09-2021. For this webinar Naru Pradeep, Senior Research Engineer, CDoT, Bangalore is acting as a resource person. The objective of this webinar is to introduce synchronization technique for geo satellite receivers. As the coordinator, I would like to request your support and permission to conduct this webinar in virtual mode from 10:00 AM to 12:30 PM. The participants will be final year students of ECE.

Thanking you

Yours Faithfully



K. Pavan Kumar

Assistant Professor/ECE
Coordinator

Cc:

To The Director for Information To All
Deans /HoD's

Permitted
V. S. S. Murthy
20/09/2021

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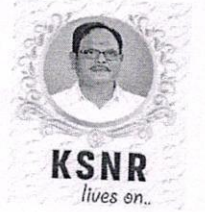


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Cr./KSRMCE/ (Department of E.C.E)/2021-22/

Date: 23-09-2021

Circular

It is hereby informed that **A Webinar on "Synchronization of TDMA bursts with short preamble for Geo satellite receiver"** is going to be organized by department of E.C.E on **28th September, 2021** from 10:00 AM to 12.00 PM through virtual mode.


Google meet link is <https://meet.google.com/jsz-beri-qdi>

In this connection, the final year ECE students and faculty are hereby directed to attend the webinar without fail.

V. S. S. M. M. 15

Principal
PRINCIPAL

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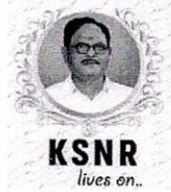
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ACTIVITY REPORT

Webinar

on

"Synchronization of TDMA bursts with short preamble for Geo satellite receiver"

28th September, 2021 10:00 AM -12:00 Noon

- Target Group** : Students
- Details of Participants** : 124 Students
- Resource person** : Naru Pradeep, Senior Research Engineer,
CDoT, Bangalore.
- Co-coordinators** : 1) K.Pavan Kumar, Asst. Professor, ECE Dept.
2) Dr. Syed Zahiruddin, Associate Professor, ECE Dept.
- Organizing Department** : Electronics and Communication Engineering
- Venue** : Virtually through Google meet in SJ-Seminar Hall

Description:

The importance of Synchronization technique in satellite communication is explained.

Now a days Synchronization technique in satellite communication plays vital role. This technique is useful in data recovery of Geo satellites easily. The discussion is on Synchronization of TDMA bursts with short preamble for Geo satellite receiver. The main focus is on synchronization technique in satellite communication. Synchronization technique is more efficient and less time consuming with short preamble. The algorithm is implemented in complex 22 layers PCB which consists of multicore DSPs, FPGA kits and Ethernet switches.

Photos:

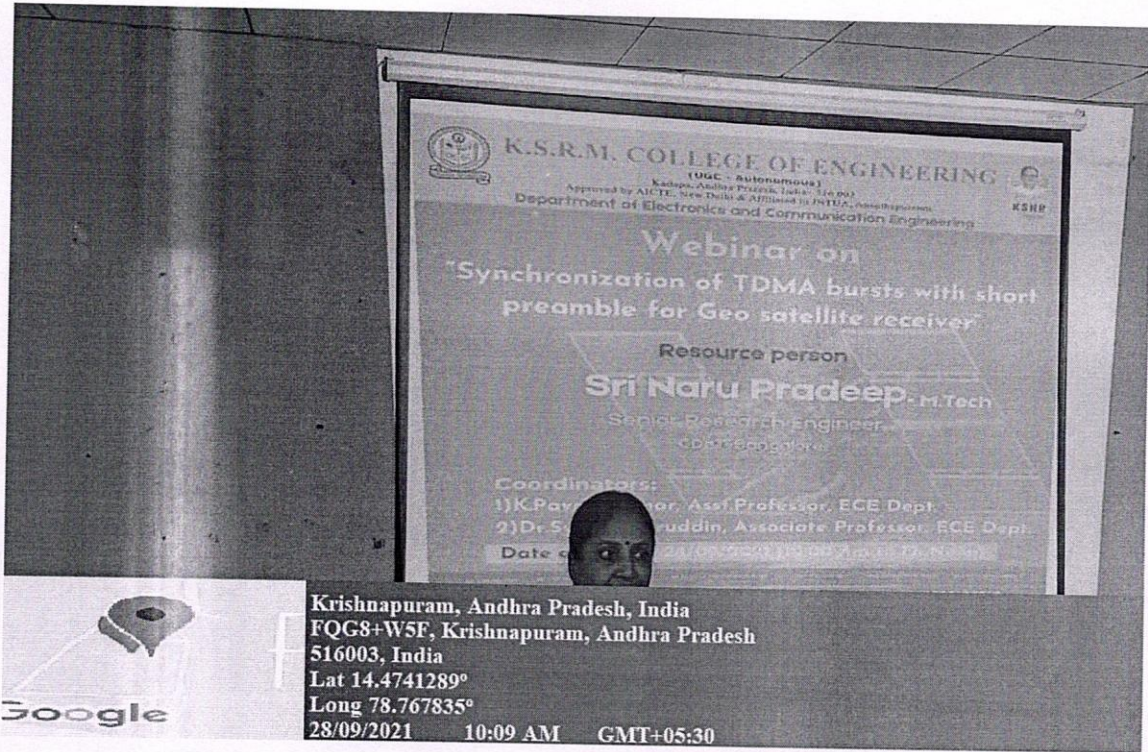


Fig (a): Prof.G.Hema Latha H.O.D of ECE addressing the students on the event

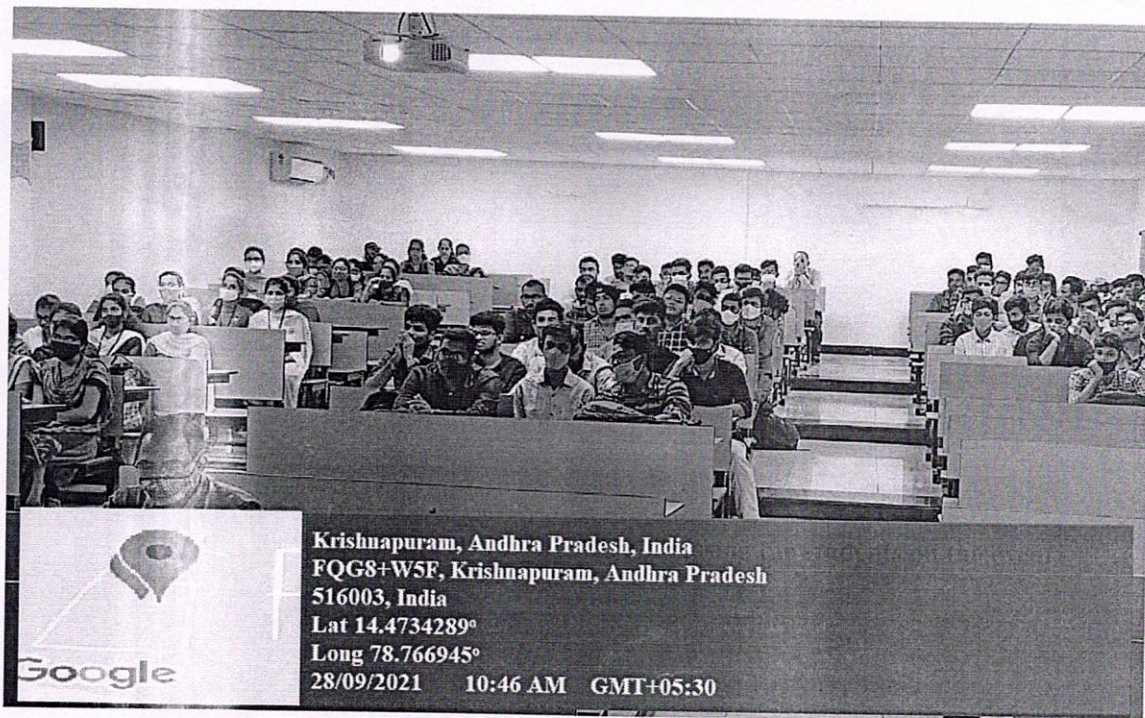


Fig (b): Students listening to the Webinar

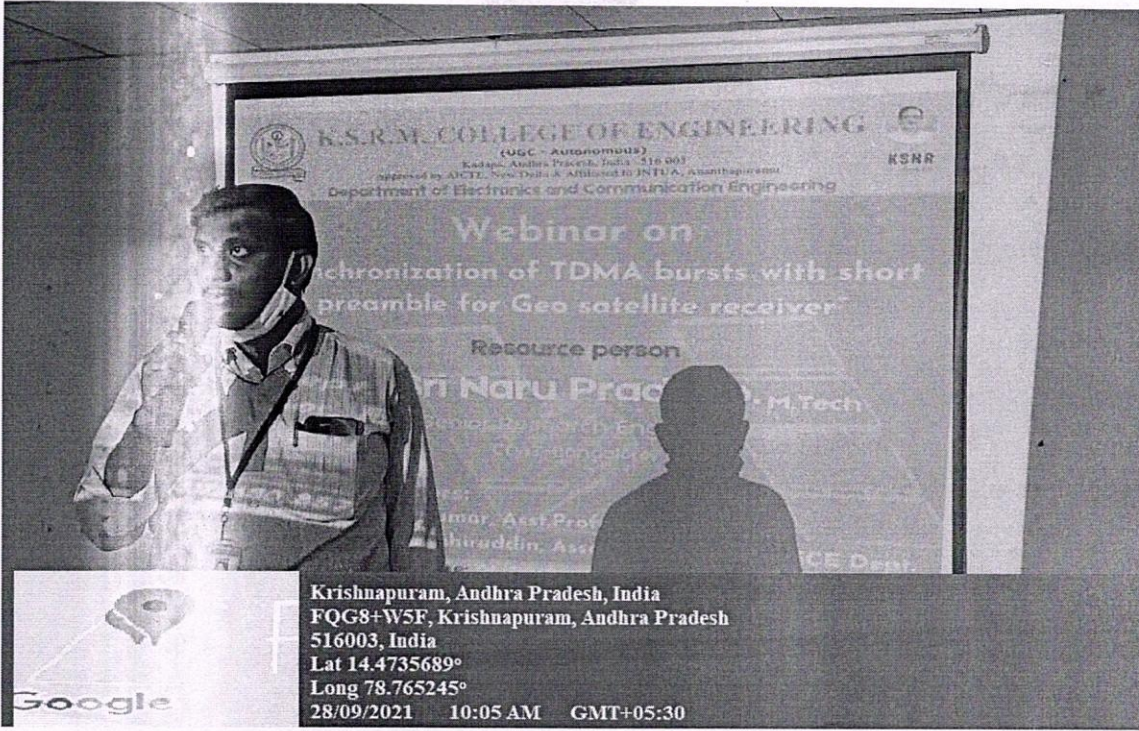


Fig (c): Co-Ordinator Sri.K.Pavan Kumar speaking on the importance of Webinar

K. Pavan
Coordinator

HoD

V. S. S. Muthy
Principal
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