



Department of Electronics & Communication Engineering

Webinar

on

Recent Trends in Multirate Signal Processing



Speaker : Dr.V.Sakhivel

Profession : Asst.Professor, National Institute of Technology,
Calicut, Kerala.

Date & Time : 27.05.2020 & 11.00 a.m. to 12.30 p.m.

Objective:

Multirate simply means “multiple sampling rates”. A multirate DSP system uses multiple sampling rates within the system. Whenever a signal at one rate has to be used by a system that expects a different rate, the rate has to be increased or decreased, and some **processing** is required to do so. The webinar provides an ideal platform for academicians to discuss and showcase the research trends in signal processing.

Presentation details:

Free Webinar on Recent Trends in Multirate Signal Processing was conducted on 27.05.2020 between 11:00 a.m. to 12:30 p.m. for external and internal participants. Total of 252 registration from 81 institution all over the nation and 149 active participation was made. Mr.R.Thandayuthapani, AP/ECE, hosted the event. Mrs.N.Mangaiyarkarsi, HOD/ECE welcomed and introduced the resource person. The session was presented by **Dr.V.Sakthivel, Asst.Professor, National Institute of Technology, Calicut, Kerala**. At the end of the session Mr.R.Thandayuthapani, AP/ECE delivered the vote of thanks.

The screenshot displays a Google Meet interface during a webinar. The central focus is a presentation slide titled "Filter Banks" with a purple header. The slide content includes a bullet point stating "Filter banks divide the input signal into subband signals." followed by a section titled "Applications:" which lists seven items: Digital hearing aids, Software defined radios, Data compression, Trans-multiplexers, Multicarrier modulators, Adaptive signal processing, and Bio-signal processing. The slide is presented by "Sakthivel V". To the right, a vertical list of participants is visible, showing 100 people in total. The bottom of the screen shows the Windows taskbar with the time 11:32 AM on 5/27/2020.

LIVE SESSION PRESENTED BY Dr.V.SAKTHIVEL, AP/NIT, CALICUT

Number of participants:

S.No	Name of the Institution	No.of Participants
1.	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	01
2.	Adishankara Institute of Engineering and Technology	02
3.	AlagappachettiarGovt.college of Engg.& Tech, karaikudi	03
4.	AnjalaiAmmalMahalingam Engineering College	01
5.	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES,RAJAMPET	03
6.	Annapoorana Engineering College	01
7.	ARJ college of engineering and technology	01
8.	ANNAI VELANKANNI ARTS AND SCIENCE COLLEGE THANJANUR	01
9.	Basaveshwar engineering college Bagalkot	04
10.	BVC Institute of Technology and Science	04
11.	BonamVenkataChalamayya Institute of Technology and Science Amalapuram	01
12.	Combined Institute of Technology	01
13.	Chalapathi institute of engineering and technology	01
14.	Dhaanish Ahmed Institute of Technology	01
15.	DhanalakshmiSrinivasan engineering college.	01
16.	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY	01
17.	GARDEN CITY UNIVERSITY	01
18.	Gnanamani College of Technology	01
19.	Hindustan Institute of Technology and Science	01
20.	INDRA GANESAN COLLEGE OF ENGINEERING,TRICHY	02
21.	JAI SHRIRAM ENGINEERING COLLEGE	01
22.	Kings College of Engineering	24
23.	KIT-Kalaignarkarunanidhi Institute of Technology	01
24.	KONGU ENGINEERING COLLEGE	07
25.	Madanapalle Institute of Technology & Science	01
26.	Mahendra engineering college	03
27.	Mea engineering college	01
28.	MNSK COLLEGE OF ENGINEERING	01
29.	MOOKAMBIGAI COLLEGE OF ENGINEERING	08
30.	Mohamed Sathak Engineering college	01
31.	Muthayammal Engineering College	01
32.	Nandha Engineering College (Autonomous)	01
33.	N.S.N. COLLEGE OF ENGINEERING AND TECHNOLOGY,KARUR	01
34.	Narasu'sSarathy Institute of Technology	01
35.	P.R.ENGINEERING COLLEGE	01
36.	PARKS College	01
37.	PANIMALAR ENGINEERING COLLEGE	01
38.	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	07

S.No	Name of the Institution	No.of Participants
39.	Sri Krishna College of Engineering and Technology	05
40.	SA Engineering College	02
41.	Sir Issac newton college of engg and tech.	01
42.	Sri ManakulaVinayagar Engineering College,Puducherry	03
43.	Sri Ramakrishna engineering college	01
44.	Sri Ramakrishna Institute of Technology	06
45.	Sri Eshwar College of Engineering	01
46.	Solamalai College of engineering	01
47.	Sri Venkateshwara College of Engineering	02
48.	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	04
49.	St.Joseph's College of Engineering &Technology ,Thanjavur	06
50.	Swarnandhra College of Engineering and Technology	01
51.	University College of Engineering Thirukuvalai	01
52.	Velammal College of Engineering and Technology	10
53.	VeltechHightech DR.RR & DR.SR Engineering College	02
54.	TOCE	01
55.	The Oxford College of Engineering	04
56.	Trichy Engineering College	01
57.	Trini-PI Technology Solutions Private Limited	01
58.	University College of Engineering Ariyalur	01
59.	Vision Institute of Technology	01
	Total	149

Prepared by

Mr.R.Thandayuthapani, AP/ECE

HOD

Mrs.N.Mangaiyarkarasi