

MMK & SDM MAHILA MAHAVIDYALAYA, MYSURU.
DEPARTMENT OF ELECTRONICS

Guest lecture report on

TOPIC: Design of IIR Filters

Resource person

Smt. Divyamani M P

Assistant Professor and Head

Department of Electronics

Government First Grade College

Holenarsipura

Date: 13/06/2023

Organized by

Smt. Hema N S

Assistant Professor

Department of Electronics

MMK & SDM MMV, Mysuru.



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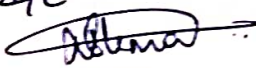
**MMK & SDM Mahila Mahavidyalaya
Krishnamurthypuram, Mysore-570 004**

MMK & SDM MAHILA MAHA VIDYALAYA
Krishnamurthypuram, Mysore
DEPARTMENT OF ELECTRONICS
CIRCULAR

Date: 10-06-2023

Dear Students,

All the Electronics students are hereby informed that, Department of Electronics is organizing Guest Lecture Program about the topic "Design of IIR Filters" on 13th June 2023, at 2 pm. All are hereby instructed to assemble in the room S218.

I/c

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Krishnamurthypuram, Mysore-570 004

Venue: S218, MMK & SDM MMV, Mysuru

Beneficiaries: 15 III B.Sc (EMCs) students

INTRODUCTION:

Department of Electronics organized Guest Lecture programme on Design of IIR Filters, Smt. Divyamani M P, Assistant Professor and head, Department of Electronics, Government First Grade College, Holenarsipura was the Resource person to the Programme. Smt. Hema N S and 15 final year B.Sc (EMCs) students were present in the programme. Through this programme students got an idea about the different types of filters, how it is designed and how it is working and what are all the applications of those filters.

PROGRAMME OBJECTIVE:

The objective of the guest lecture is to provide a fundamental understanding of designing and using the different types of filters. This overview aims to enhance their comprehension of the designing filters, which is essential for the application of Communication and Signal processing.

PROGRAMME PROCEEDINGS:

The session commenced with a brief introduction by the program organizer, who highlighted the importance of understanding the different types of filters in the Signal processing. The Resource person, Smt. Divyamani M P then took the stage and began the lecture by outlining the basic components and different types of filters including High pass filter, Low pass filter, band pass Filter and Band Rejection filters. The lecture was interspersed with practical examples of how knowledge of using different types of filters in signal processing is crucial for Communication such as radio Communication, Mobile Communication etc.

The session concluded with a Q&A segment, where students posed their queries and received insightful answers from Smt. Divyamani M P. The interactive nature of the lecture ensured active student participation and engagement.

OUTCOME:

The guest lecture successfully provided students with a comprehensive overview of designing and using different types of filters in Communication. The interactive session fostered a deeper understanding and stimulated interest in the subject, laying a solid foundation for their coursework and research in Electronic Communication and Signal Processing Applications.


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GEO-TAG PHOTOS:




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DEPARTMENT OF ELECTRONICS

Guest Lecture Programme on

Design of IIR Filters

Class: III B.Sc (EMCs)

Attendance list

Date: 13-06-2023

Time: 2PM

Venue: S218

SI No.	Roll No.	Name	Signature of the Student
1	20200	Ambika R	Ambika.R
2	20201	Anu S	Anu S
3	20202	Anusha K	Anusha.K
4	20203	Ashwini B	Ashwini.B
5	20204	Madhumitha S Shivashankar	Madhumitha.S
6	20205	Madhushree H P	Madhushree
7	20206	Maheshwari C	Maheshwari.C
8	20208	Niharika M S	Niharika
9	20209	Pooja Urs G	Pooja Urs G
10	20210	Rachana K	Rachana
11	20211	Radhika	Radhika
12	20212	Rakshitha S	Rakshitha S.
13	20213	Rakshitha V	Rakshitha.V.
14	20214	Shanthala M	Shanthala
15	20215	Sheethal	Absent
16	20216	Suchithra S	Suchithra


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