



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)
Department of Electronics and Telecommunication

REPORT

DSE Orientation for Sem III 2021-22

Date: 20 Dec, 2021

Organised by: EXTC Department

Co-Ordinators: Prof. Gauri Salunkhe / Prof. Shikha Malik

Google meet link: <https://meet.google.com/try-mbkb-rei>

Number of attendees: 75

The Orientation was organized on Monday 20th December 2021 at 9 am for SE SEM III.

The programme was started by Ms. Shikha Malik by welcoming all. Then HOD MS. Malaxmi Palinje gave brief introduction of the department.

The orientation of “**EICS- Electronic Instrumentation & Control Systems**” was given by Ms. Shikha Malik (Assistant Professor, Department of EXTC). The orientation included detailed syllabus explanation and pre-requisites with the applications of the subject in industries.

The orientation of “**Network Techniques**” was given by Ms. Jyoti Gurav (Assistant Professor, Department of EXTC) which included detailed syllabus explanation along with the Practicals included in the syllabus.

The orientation of “**Digital System Design**” was given by Ms. Hemlata Mote (Assistant Professor, Department of EXTC). Speaker discussed the need and relevance of DSD in our syllabus. Resources and practical are also discussed.

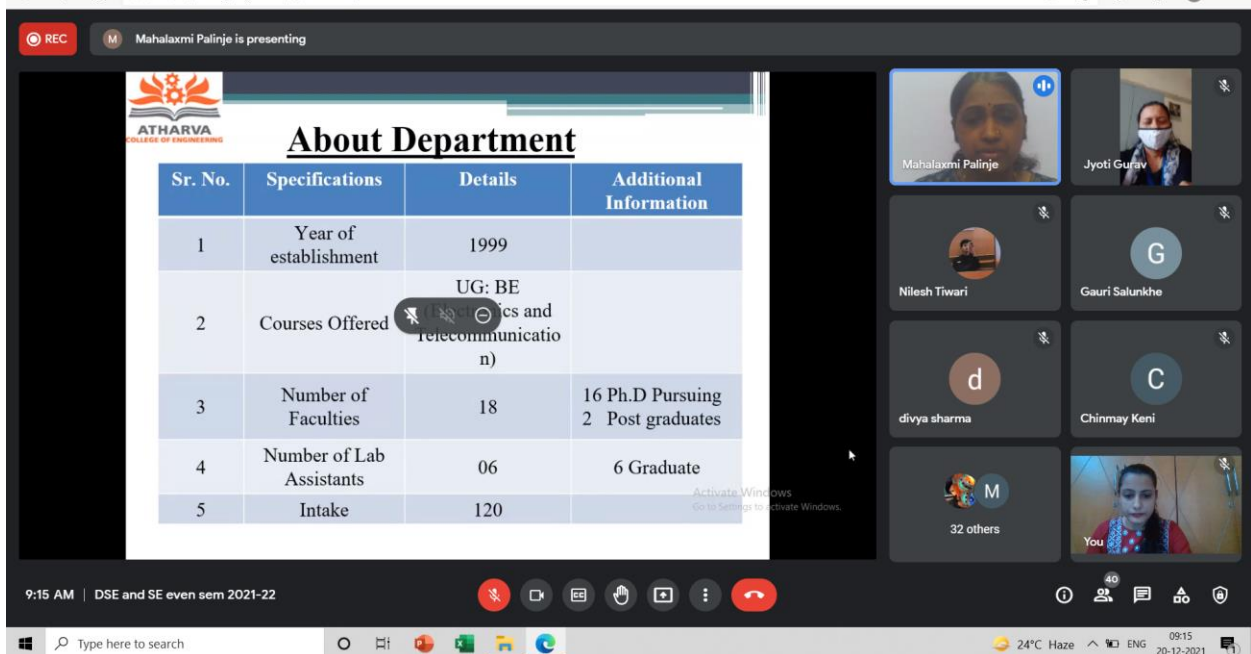
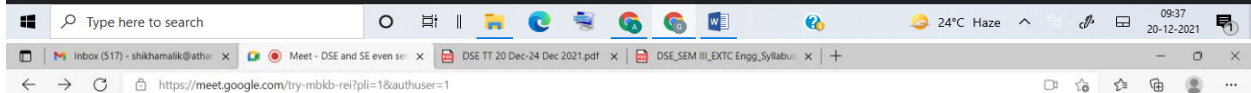
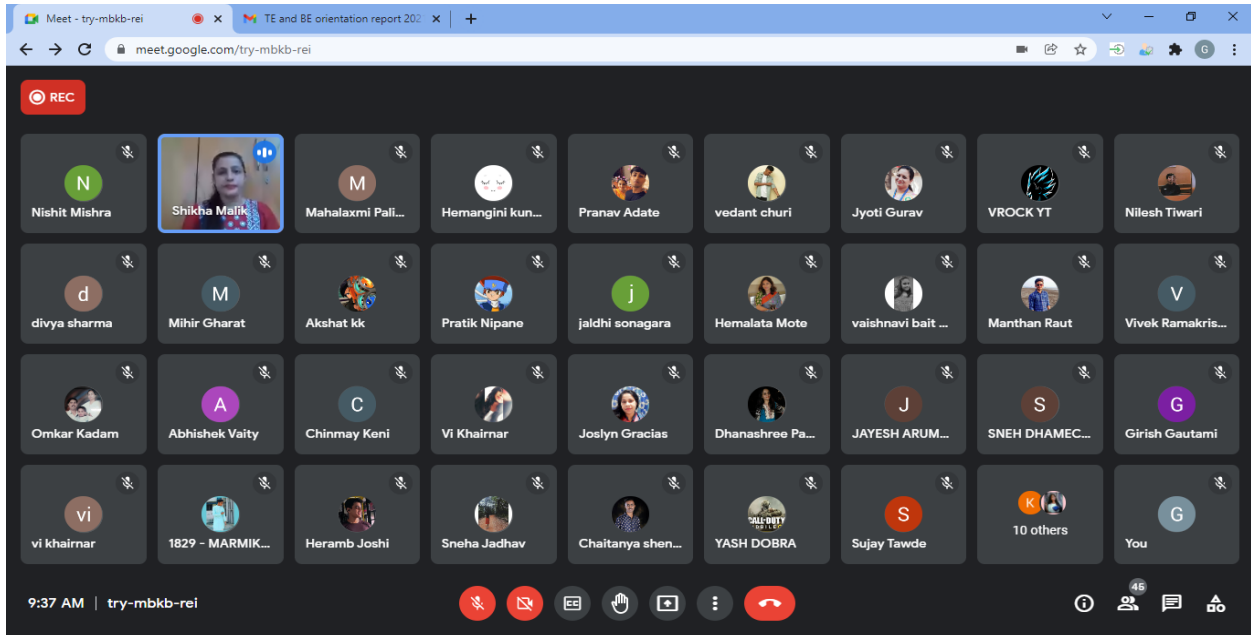
The orientation of “**Electronic Devices & Circuits**” was given by Prof. Mahalaxmi Palinje (Assistant Professor, Department of EXTC). Speaker discussed the importance the field of Electronics and Telecommunication and emerging technologies. The orientation included detailed syllabus explanation and and projects based on it. She also explained **miniprojects & skill lab**.

Session Screen shots:



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9:16 AM | DSE and SE even sem 2021-22

SR NO.	LAB NAMES	SR NO.	LAB NAMES
1	MICROWAVE AND FIBER OPTIC LAB	5	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
2A	COMMUNICATION SYSTEM LAB	6	CIRCUIT AND MEASUREMENT LAB
2B	RF MODELLING AND ANTENNA LAB	7	DIGITAL LOGIC DESIGN LAB
3	SOFTWARE SIMULATION LAB	8A	PROJECT LAB
4	ELECTRONIC DEVICES AND CIRCUITS LAB	8B	WIRELESS LAB

9:16 AM | DSE and SE even sem 2021-22

“Webinar on Network and Security Landscape : Current Technologies and How to become a White-Hat Hacker”
Speaker: Mr. Pratik Lotia ,Charter Com Principal Security Engineer and Board Member of CSA - CO

9:28 AM | DSE and SE even sem 2021-22

Atharva College of Engineering, Malad (W)
Department of Electronics & Telecommunications Engineering
Academic Year 2021-22 (ODD SEM)
DSE TIMETABLE FOR 1ST WEEK (20 DEC TO 24 DEC)

	9 TO 10	10:15 TO 11:15	11:30 TO 12:15	1:15 TO 1:30	2:30 TO 3:30	3:45 TO 4:30
MON	ORIENTATION	AM (ODD) 2HRS		LUNCH	EDC (IMP) 2HR	
TUE		EDC LAB 2ND BATCH B17 AM BATCH B2) 2HR			ODD (IMP) 2HR	
WED	EIM (5AM)	EIM (5AM)	AM (ODD) 2HRS		EDC (IMP) 2HR	
THUR	NT (LQ) (2HR)	EDC LAB 2ND BATCH B17 3RD BATCH B2) 2HR	MINI PROJECT 1A (VIRI 1P) (2HR)		EDC LAB IMP (BATCH B1) 1M (BATCH B2) 2HR	
FRI	NT (LQ) (2HR)		SKILL LAB 2D (B1) BATCH 1 (B2 BATCH) (2HR)		AM (ODD) 1HR	

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Department of Electronics and Telecommunication

Meet - try-mbkb-rei | TE and BE orientation report 2021

Shikha Malik is presenting

Subject Code	Subject Name	Teaching Scheme (Contact Hours)			Credits Assigned			Total
		Theory	Practical	Tutorial	Theory	Practical	Tutorial	
ECC305	Electronic Instrumentation & Control Systems	02	02	02	02	02	02	06

Examination Scheme

Subject Code	Subject Name	Theory Marks			Term Exam	Term Work	Practical & Oral	Total
		Test 1	Test 2	Avg. of Test 1 and Test 2				
ECC305	Electronic Instrumentation & Control Systems	20	20	20	20	20	100	

Prerequisites: Electrical of Electronics and Electrical Engineering.

Course Objectives:

- To provide basic knowledge about the various sensors and transducers.
- To provide fundamental concepts of control systems such as mathematical modeling, time response and frequency responses.
- To develop concepts of stability and its assessment criteria.

Course Outcomes: Students will be able to:

- Identify various sensors, transducers and their brief performance specifications.
- Understand principle of working of various transducer used to measure Temperature, Displacement, level

9:38 AM | try-mbkb-rei

Meet - try-mbkb-rei | TE and BE orientation report 2021

Shikha Malik is presenting

ECC303 - Digital System Design

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned			Total
		Theory	Practical	Tutorial	Theory	Practical	Tutorial	
ECC303	Digital System Design	02	02	02	02	02	02	06

Examination Scheme

Course Code	Course Name	Theory Marks			Term Exam	Term Work	Practical and Oral	Total
		Test 1	Test 2	Avg.				
ECC303	Digital System Design	20	20	20	20	03	100	

Course Pre-requisite: EEC105 - Basic Electrical Engineering.

Course Objectives:

- To understand number system representations and their inter conversion used in digital electronic circuits.
- To analyze digital logic process and to implement digital operations using various combinational logic circuits.
- To analyze, design and implement logical operations using various sequential logic circuits.
- To study the characteristics of memory and their classification.
- To learn basic concepts in VHDL and implement combinational and sequential circuits using VHDL.

9:47 AM | try-mbkb-rei

Meet - try-mbkb-rei | TE and BE orientation report 2021

Mahalaxmi Palinje is presenting

Program Structure for Second Year Engineering Semester II & III UNIVERSITY OF MUMBAI (With Effect from 2019-2021) Semester III

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned			Total
		Theory	Pract.	Tut.	Theory	Pract.	Tut.	
ECC301	Engineering Mathematics-III	3	0	1*	3	0	0	4
ECC302	Electronic Devices & Circuits	3	0	0	3	0	0	3
ECC303	Digital System Design	3	0	0	3	0	0	3
ECC304	Network Theory	3	0	1	3	0	1	4
ECC305	Electronic Instrumentation & Control Systems	3	0	0	3	0	0	3
ECL301	Electronic Devices & Circuits Lab	0	2	0	0	1	0	1
ECL302	Digital System Design Lab	0	2	0	0	1	0	1
ECL303	Electronic Instrumentation & Control Systems Lab	0	2	0	0	1	0	1
EEL304	SKILL Lab - C++ and Java	0	4	0	0	2	0	2
ECMD31	Mini Project I.A.	0	4	0	0	2	0	2
	Total	15	14	2	15	07	2	24

* Should be conducted batch wise.
§ Indicate work load of a lecturer (Per Faculty) for Mini Project I.A. Faculty Load: 1 hour per week per four groups.

9:55 AM | try-mbkb-rei

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9:18 AM | DSE and SE even sem 2021-22

Research Project

PROJECT NAME

- 1) SMART AXIBOT
- 2) ORION 1.0 –An accessible 6 axis robotic arm
- 3) PulsoVisum – Duo
- 4) Talking Hand
- 5) Bionic Arm

Participants: Mahalaxmi Palinje, Jyoti Gurav, Nilesh Tiwari, Gauri Salunkhe, divya sharma, Chinmay Keni, 31 others, You.

10:22 AM | DSE and SE even sem 2021-22

Participants: Mahalaxmi Pal..., VROCK Y..., Sneha Jadhav, Bhagyashree..., Vi Khairnar, Pranav Adate, Hemangini ku..., Chaitanya dha..., Manthan Raut, YASH DOBRA, Hemalata Mote, vedant chun..., Gauri Salunkhe, divya sharma, Mohan Kumar, Mihir Charat, Jyoti Gurav, Rishabh Nip..., vaishnavi bait F..., Vivek Ramakris..., Omkar Kadam, Akshat..., Abhishek Vaity, Chinmay Keni, Jollyn Gr..., Dhanashree Pa..., jaldhi sonagara, JAYESH ARUMU..., SNEH DHAMEC..., vi khairnar, Heramb Joshi, Sujay Tawde, Karan Mintra, Mansi Bole, A1 Sakshi Ga..., Akshay Aviaad, Yogita Madhav, You.

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