



**SONOPANT DANDEKAR SHIKSHAN MANDALI'S  
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE,  
M. H. MEHTA SCIENCE COLLEGE, PALGHAR**

**Individual Teacher Curricular  
Planning & Implementation Part B –**

**Science**

**2021-2022**

## PERSONAL INFORMATION

1. Name of the Professor : Mrs. Sapna Bakul Jadhav
2. Address : 202/B, Vaibhavlaxmi Apt., Tembode Road,  
Palghar-401404
3. Department : Physics
4. Designation : Assistant Professor
5. Educational Qualification : M.Sc.(Electronic Science),NET-DEC2011 &  
JUNE2013
6. Date of Birth : 14 Jan 1982
7. Appointment Date : 13/04/2016
8. Telephone (Resi) Mobile No. : 9764200484
9. Blood Group : B+
10. Emergency Contact Address : 202/B, Vaibhavlaxmi Apt., Tembode Road,  
Palghar-401404
11. PAN Card No. / Aadhar Card No.: AHVPJ8515F
12. Other Information : Nil

### TIME TABLE (2021-22) B. Sc.

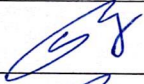

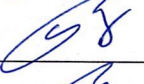


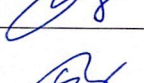
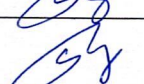
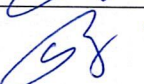
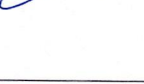
PERIOD	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	7.30						
2	8.20		T.Y.T				
3	9.25						
4	10.15					T.Y.T	
5	11.05						
6	11.55						
7	12.45						
8	1.35						

**TIME TABLE (2021-22) M. Sc.**

<b>PERIOD</b>	<b>TIME</b>	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>	<b>SATURDAY</b>
1	7.30-8.30	M.Sc. I(T)					
2	8.30-9.30	M.Sc. I(T)					
3	9.45-10.45						
4	10.45-11.45						
5	11.45-12.45						
6	12.45-1.45						
7	1.45-2.45	M.Sc. II(T)	M.Sc. II(T)	M.Sc. II(T)			M.Sc. II(T)
8	2.45-3.45						

# LEAVE RECORD

## 1. CASUAL LEAVE

Sr. No.	Date	Signature	Signature of Clerk	Sr. No.	Date	Signature	Signature of Clerk
1.	7/3/2022			9.	26/4/2022		
2.	11/3/2022			10.			
3.	25/3/2022			11.			
4.	28/3/2022			12.			
5.	29/3/2022			13.			
6.	1/4/2022			14.			
7.	13/4/2022			15.			
8.	21/4/2022			16.			

## 2. DUTY LEAVE

Sr. No.	Date	Signature	Signature of Clerk	Sr. No.	Date	Signature	Signature of Clerk
1.				9.			
2.				10.			
3.				11.			
4.				12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			

# LEAVE RECORD

## 3. OTHER LEAVE

Sr. No.	Date	Signature	Signature of Clerk	Sr. No.	Date	Signature	Signature of Clerk
1.				9.			
2.				10.			
3.				11.			
4.				12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			

## 4. MEDICAL LEAVE

Sr. No.	Date	Signature	Signature of Clerk	Sr. No.	Date	Signature	Signature of Clerk
1.				9.			
2.				10.			
3.				11.			
4.				12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			

## **APPOINTMENTS ON VARIOUS COMMITTEES**

### **FOR THE YEAR 2021-22**

1. Member of Performance Improvement programme Committee
2. Member of Teachers' Evaluation Committee.
3. Member of I.Q.A.C. of NAAC.
4. Chairman of Research Projects.
5. Member of Health Club.
6. Member of Women Development Cell.
7. Chairman of Counselling Cell.
8. College co-ordinator of **Avishkar Research Convention 2021-22.**

# YEARLY TEACHING PLAN

TABLE FOR AVAILABLE TEACHING HOURS EACH MONTH

Month	June	July	August	September	October	November
Class/Subject						
M. Sc. I Paper IV: Solid State Physics		UNIT I	UNIT I	UNIT II	UNIT II	Completed
M. Sc. II: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers		UNIT I	UNIT II	UNIT III	UNIT IV	Completed
T. Y. B. Sc Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances		UNIT I	UNIT I	UNIT II	UNIT II	Completed

Signature - \_





# YEARLY TEACHING PLAN

TABLE FOR AVAILABLE TEACHING HOURS EACH MONTH

Month	December	January	February	March	April	Remarks
Class/Subject						
M. Sc. I	Paper I: Advanced Electronics	UNIT I	UNIT I	UNIT II	UNIT II	Completed
M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	UNIT I	UNIT II	UNIT III	UNIT IV	Completed
T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	UNIT I	UNIT I	UNIT II	UNIT II	Completed

Signature -



## DAILY TEACHING REPORT

Date :19/07/21

Day: Monday

Sr. No.	Hours		Class	Subject/ Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	<b>Unit – I: Diffraction of Waves by Crystals and Reciprocal Lattice</b> Bragg law, Scattered Wave Amplitude – Fourier analysis, Reciprocal Lattice Vectors,	10	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Unit I: The 8085 Interrupt,	21	23

Signature



## DAILY TEACHING REPORT

Date :20/07/21

Day :Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Transducers: Definition, Classification,	12	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	8085 Vectored Interrupts, Restart as Software Instructions,	20	23

Signature




## DAILY TEACHING REPORT

Date :21/07/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Additional I/O Concepts and Processes.	21	23


Signature 

## DAILY TEACHING REPORT

Date :22/07/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Selection of transducer.	12	14


Signature 

## DAILY TEACHING REPORT

Date :23/07/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	The 8255A Programmable Peripheral Interface	19	23


Signature 

## DAILY TEACHING REPORT

Date :25/07/21

Day : Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	<b>Unit - I:</b> Diffraction Conditions, Brillouin Zones, Reciprocal Lattice to SC, BCC and FCC lattice.	12	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 - bit Microprocessors, Microcontroller and PIC Microcontrollers	Interfacing Keyboard and Seven Segment Display	21	23

Signature 

## DAILY TEACHING REPORT

Date :26/07/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Thermistor, Thermocouple, Pressure Transducer:	11	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 - bit Microprocessors, Microcontroller and PIC Microcontrollers	The 8259A Programmable Interrupt Controller,	20	23


Signature 

## DAILY TEACHING REPORT

Date :27/07/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Direct Memory Access (DMA) and 8237 DMA Controller	19	23


Signature 

## DAILY TEACHING REPORT

Date :29/07/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Strain gauges (wire, foil, & semiconductor), Displacement transducer: LVDT	09	14


Signature 

## DAILY TEACHING REPORT

Date :30/07/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	the 8279 Programmable Keyboard/Display Interface	20	23

Signature 

## DAILY TEACHING REPORT

Date :1/08/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	<b>Unit – I:</b> Interference of Waves, Atomic Form Factor, Elastic Scattering by crystal, Ewald Construction,	10	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Basic Concepts in Serial I/O, Software Controlled Asynchronous Serial I/O,	20	23

Signature



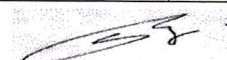
## DAILY TEACHING REPORT

Date :2/08/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Peizo-electric Transducer.	11	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	The 8085 Serial I/O lines: SOD and SiD	21	23

Signature



## DAILY TEACHING REPORT

Date : :3/08/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Unit-II: 8086 microprocessor: Register organization of 8086, Architecture,	19	23

Signature



## DAILY TEACHING REPORT

Date :5/08/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	I. Y. B. Sc.	Elective i- Electronics Instrumentation-analog circuits, instruments and consumer appliances	PH sensor, Gas sensor (Fundamental aspects), Humidity sensor (Resistive)	11	14

Signature



## DAILY TEACHING REPORT

Date :6/08/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Signal Descriptions of 8086	18	23

Signature



## DAILY TEACHING REPORT

Date :8/08/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit – I: Structure Factor, Temperature Dependence of the Reflection Lines, Experimental Techniques (Laue Method, Rotating Crystal Method, Powder Method)	12	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Physical Memory Organization	21	23

Signature



## DAILY TEACHING REPORT

Date :9/08/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	PH sensor, Gas sensor (Fundamental aspects), Humidity sensor (Resistive)	10	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	General Bus operation, I/O Addressing Capability	18	23

Signature





## DAILY TEACHING REPORT

Date :10/08/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Unit-II Special Processor Activities, Minimum mode 8086 system and timings	19	23

Signature



## DAILY TEACHING REPORT

Date :12/08/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Optoelectronic Devices: LDR, LED (Construction, Working & Applications),	12	14

Signature



## DAILY TEACHING REPORT

Date :13/08/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Maximum mode of 8086 system and timings	21	23

Signature



## DAILY TEACHING REPORT

Date :16/08/21

Day: Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	<b>Unit – I:</b> Scattering from Surfaces, Elastic Scattering by amorphous solids	11	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Machine Language Instructions Formats, Addressing modes of 8086	21	23

Signature



## DAILY TEACHING REPORT

Date :17/08/21

Day : Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Multicolour LED, Seven Segment Display, Liquid Crystal Display (LCD)	11	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Instruction set of 8086	20	23

Signature



## DAILY TEACHING REPORT

Date\_:19/08/21

Day: Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Instruction set of 8086	21	23

Signature 

## DAILY TEACHING REPORT

Date 20/08/21

Day : Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	I. Y. B. Sc.	Elective i- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Photodiode (construction, Characteristics & applications), Phototransistor	09	14


Signature 

## DAILY TEACHING REPORT

Date 22/08/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	A few machine level programs, Machine coding the programs, Programming with an assembler	17	23

Signature 

## DAILY TEACHING REPORT

Date :23/08/21

Day: Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit-II: Lattice Vibrations and thermal properties: Vibrations of Monoatomic Lattice, normal mode frequencies, dispersion relation	07	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Assembly language example programs	17	23

Signature



## DAILY TEACHING REPORT

Date :24/08/21

Day : Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics instrumentation- analog circuits, instruments and consumer appliances	Half wave precision rectifier, Active Peak detector, Active Positive Clamper	8	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Introduction to Stack, Stack structure of 8086	20	23

Signature



## DAILY TEACHING REPORT

Date :26/08/21

Day: Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Interrupts and Interrupt Service Routines	18	23

Signature



## DAILY TEACHING REPORT

Date :27/08/21

Day : Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective Electronics Instrumentation-analog circuits, instruments and consumer appliances	Active Positive and Negative Clippers	11	14

Signature



## DAILY TEACHING REPORT

Date :30/08/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Interrupt cycle of 8086, Non-maskable interrupt, Maskable interrupt (INTR)	19	23

Signature



## DAILY TEACHING REPORT

Date :1/09/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit-II: Lattice with two atoms per unit cell, normal mode frequencies, dispersion relation	11	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT III: Programming 8051 Timers	19	23

Signature



## DAILY TEACHING REPORT

Date 2/09/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Microphones: characteristics, types (list only), carbon microphone	10	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Programming 8051 Timers	19	23

Signature



## DAILY TEACHING REPORT

Date 3/09/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Counter Programming	18	23

Signature



## DAILY TEACHING REPORT

Date 5/09/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	I. Y. B. Sc.	Elective Electronics Instrumentation-analog circuits, instruments and consumer appliances	i- dynamic type microphone (principle, construction and working)	09	14

Signature



## DAILY TEACHING REPORT

Date: 6/09/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Basics of Serial Communication	21	23

Signature



## DAILY TEACHING REPORT

Date : 7/09/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit-II: Quanization of lattice vibrations, phonon momentum, Inelastic scattering of neutrons by phonons	10	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT III: 8051 Connection to RS232, 8051 Serial Port Programming in assembly.	21	23

Signature



## DAILY TEACHING REPORT

Date : 8/09/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- <i>Electronics Instrumentation-</i> analog circuits, instruments and consumer appliances	Loud speakers: Characteristics, Dynamic (Moving coil type) speaker	10	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	8051 Serial Port Programming in assembly	19	23

Signature





## DAILY TEACHING REPORT

Date : 9/09/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	8051 Interrupts	18	23

Signature



## DAILY TEACHING REPORT

Date : 17/09/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Multi-way speaker system (woofer and tweeter)	09	14

Signature



## DAILY TEACHING REPORT

Date : 18/09/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Programming Timer Interrupts	18	23

Signature



## DAILY TEACHING REPORT

Date : 20/09/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit-II: Surface vibrations, Inelastic Neutron scattering. Anharmonic Crystal Interaction	11	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT III: Programming External hardware Interrupts	17	23

Signature



## DAILY TEACHING REPORT

Date : 21/09/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Switching Regulators: Basic and Monolithic Switching regulators (buck,	12	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Programming the Serial Communication Interrupt	20	23

Signature



## DAILY TEACHING REPORT

Date : 22/09/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Interrupt Priority in 8051/52	21	23

Signature



## DAILY TEACHING REPORT

Date : 24/09/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Switching Regulators: Basic and Monolithic Switching regulators (boost and buck – boost)	11	14

Signature



## DAILY TEACHING REPORT

Date : 25/09/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: Overview and Features, PIC 16C6X/7X	19	23

Signature



## DAILY TEACHING REPORT

Date : 27/09/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Unit-II: Thermal conductivity – Lattice Thermal Resistivity, Umklapp Process, Imperfections	11	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: PIC Reset Actions	20	23

Signature



## DAILY TEACHING REPORT

Date : 28/09/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Revision	10	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	PIC Oscillator Connections	19	23

Signature



## DAILY TEACHING REPORT

Date : 29/09/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	PIC Memory Organization	20	23

Signature



## DAILY TEACHING REPORT

Date : 30/09/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Revision	20	23

Signature



## DAILY TEACHING REPORT

Date :01/10/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: PIC 16C6X/7X Instructions	21	23

Signature



## DAILY TEACHING REPORT

Date :02/10/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Revision	10	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: PIC 16C6X/7X Instructions	21	23

Signature



## DAILY TEACHING REPORT

Date: 03/10/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Discussion on certificate course	09	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	Addressing Modes	17	23

Signature



## DAILY TEACHING REPORT

Date: 04/10/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	I/O Ports	19	23

Signature

## DAILY TEACHING REPORT

Date: 06/10/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- Electronics Instrumentation-analog circuits, instruments and consumer appliances	Discussion on question paper pattern	09	14

Signature

## DAILY TEACHING REPORT

Date: 07/10/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: Interrupts in PIC 16C61/71	18	23

Signature

## DAILY TEACHING REPORT

Date : 09/10/21

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper IV: Solid State Physics	Revision	11	13
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: PIC 16C61/71Timers	20	23

Signature 

## DAILY TEACHING REPORT

Date : 10/10/21

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	Doubt clearing session	11	14
2.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	PIC 16C71 Analog-to-Digital Converter	21	23


Signature 

## DAILY TEACHING REPORT

Date : 11/10/21

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	I/O Ports	19	23

Signature 



## DAILY TEACHING REPORT

Date : 12/10/21

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective Electronics instrumentation-analog circuits, instruments and consumer appliances	I- Doubt clearing session	11	14

Signature



## DAILY TEACHING REPORT

Date : 13/10/21

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	: Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	UNIT IV: , PIC 16C71 Analog-to-Digital Converter	19	23

Signature



## DAILY TEACHING REPORT

Date : 03/01/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Counters and Time Delays, Stack and Sub-routines	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Unit-I:PIC 16F8XX Flash Microcontrollers: Introduction, Pin Diagram	19	23

Signature



## DAILY TEACHING REPORT

Date : 04/01/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Combinational Logic Design: Introduction, Boolean identities	10	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	STATUS Register, Power Control Register (PCON)	19	23


Signature 

## DAILY TEACHING REPORT

Date : 05/01/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	OPTION_REG Register	20	23

Signature 

## DAILY TEACHING REPORT

Date : 07/01/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K - map (2, variable),	09	14

Signature 

## DAILY TEACHING REPORT

Date : 08/01/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Program memory, Data memory	20	23

Signature



## DAILY TEACHING REPORT

Date : 10/01/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Microprocessor Architecture	10	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	I/O Ports	21	23

Signature



## DAILY TEACHING REPORT

Date : 11/01/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND CCP	K – map (3 variable),	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Capture/Compare/PWM (CCP) Modules in PIC 16F877	21	23

Signature




## DAILY TEACHING REPORT

Date : 12/01/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper- III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Capture/Compare/PWM (CCP) Modules in PIC 16F877	20	23

Signature 

## DAILY TEACHING REPORT

Date : 14/01/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K – map K – map (4 variable)	12	14

Signature 

## DAILY TEACHING REPORT

Date : 15/01/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper- III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Analog-to-Digital Converter	20	23

Signature 

# DAILY TEACHING REPORT

Date : 17/01/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Programming and Applications with the 8085	11	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Interfacing of Light Emitting Diodes (LEDs); Push Buttons	19	23

Signature



# DAILY TEACHING REPORT

Date : 18/01/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K – map (3 variable),	10	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Relays and Latch Connections	20	23

Signature



# DAILY TEACHING REPORT

Date : 19/01/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Keyboard Interfacing	21	23

Signature



## DAILY TEACHING REPORT

Date : 20/01/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective I- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K – map K – map (4 variable)	10	14

Signature

## DAILY TEACHING REPORT

Date : 21/01/2022

Day : Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Keyboard Interfacing	21	23

Signature

## DAILY TEACHING REPORT

Date : 23/01/2022

Day : Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. i	Paper I: Advanced Electronics	Introduction, Microcontrollers and Microprocessors, History of Microcontrollers and Microprocessors, Embedded versus External Memory Devices	10	13
2.	1.45	2.45	M. Sc. ii	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Interfacing 7-Segment Displays	21	23

Signature

## DAILY TEACHING REPORT

Date : 24/01/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Decoders, Encoders	10	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	LCD Interfacing	22	23

Signature 

## DAILY TEACHING REPORT

Date : 25/01/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	LCD Interfacing	21	23


Signature 

## DAILY TEACHING REPORT

Date : 27/01/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Multiplexers, Demultiplexers, Use of MUX and DEMUX in Combinational Logic	11	14

Signature 

# DAILY TEACHING REPORT

Date : 28/01/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ADC and DAC Interfacing with 89C51 Microcontrollers	20	23

Signature



# DAILY TEACHING REPORT

Date : 30/01/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	8-bit and 16-bit Microcontrollers, CISC and RISC Processors, Harvard and Von Neumann Architectures	09	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ADC and DAC Interfacing with 89C51 Microcontrollers	19	23

Signature





## DAILY TEACHING REPORT

Date : 31/01/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Code Converters (based on – binary, BCD, Gray and Excess – 3 codes)	09	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Introduction and Measurement Applications	20	23

Signature



## DAILY TEACHING REPORT

Date : 01/02/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Unit-III: ARM 7: The ARM Architecture: The Acorn RISC Machine, Architectural inheritance	21	23

Signature



# DAILY TEACHING REPORT

Date : 03/02/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Tri-State logic, buffers, D latch	08	14

Signature

# DAILY TEACHING REPORT

Date : 04/02/2022

Day : Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper- III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	The ARM Programmer's model	22	23

Signature

# DAILY TEACHING REPORT

Date: 06/02/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	8051 Microcontrollers: Introduction, MCS-51 Architecture, Registers in MCS-51	11	13
2.	1.45	2.45	M. Sc. II	Elective Paper- III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM development tools	19	23

Signature

## DAILY TEACHING REPORT

Date: 07/02/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Introduction to advanced instructions and applications	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM Organization and Implementation: 3 – stage Pipeline ARM organization	21	23


Signature 

## DAILY TEACHING REPORT

Date : 08/02/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM instruction execution	20	23


Signature 

## DAILY TEACHING REPORT

Date : 10/02/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Stack and Subroutines: Stack, Subroutine	11	14

Signature 

# DAILY TEACHING REPORT

Date : 11/02/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM instruction execution	21	23

Signature



# DAILY TEACHING REPORT

Date : 13/02/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	8051 Pin Description, Connections, 8051 Parallel I/O Ports and Memory Organization	10	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM implementation	20	23

Signature



## DAILY TEACHING REPORT

Date : 14/02/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	The 8255 Programmable Peripheral Interface: Block Diagram of the 8255	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM implementation	21	23

Signature 

## DAILY TEACHING REPORT

Date : 15/02/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM Processor Cores: ARM7TDMI	19	23

Signature 

## DAILY TEACHING REPORT

Date : 17/02/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	The 8255 Programmable Peripheral Interface: Block Diagram of the 8255,	10	14

Signature 

## DAILY TEACHING REPORT

Date : 18/02/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	ARM Assembly language Programming: Data processing instructions	20	23

Signature



## DAILY TEACHING REPORT

Date : 20/02/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	MCS-51 Addressing Modes and Instruction set.	11	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	I/O Ports Data transfer instructions, Data transfer instructions,	21	23

Signature



## DAILY TEACHING REPORT

Date : 21/02/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Doubt clearing session	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, <i>Interfacing 8-bit</i> Microcontrollers & PIC Microcontrollers	Control flow instructions	21	23

Signature 

## DAILY TEACHING REPORT

Date : 22/02/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, <i>interfacing 8-bit</i> Microcontrollers & PIC Microcontrollers	Writing simple assembly language programs	21	23

Signature 

## DAILY TEACHING REPORT

Date : 24/02/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Doubt clearing session	10	14

Signature 

# DAILY TEACHING REPORT

Date : 25/02/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	The ARM Instruction Set: Introduction, Exceptions, Condition execution, Branch and Branch with Link (B, BL), Branch, Branch with Link and eXchange (BX,BLX), Software Interrupt (SWI)	20	23

Signature



# DAILY TEACHING REPORT

Date : 27/02/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Instruction set	11	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Data processing instructions , Multiply instructions, Count leading zeros (CLZ), Single word and unsigned byte data transfer instructions	17	23

Signature





## DAILY TEACHING REPORT

Date : 28/02/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	revision	07	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Half-word and signed byte data transfer instructions, Multiple register transfer instructions	20	23


Signature 

## DAILY TEACHING REPORT

Date : 01/03/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Swap memory and register instructions (SWP), Status register to general register transfer instructions	21	23

Signature 

## DAILY TEACHING REPORT

Date : 03/03/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	ElectiveII- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	revision	11	14

Signature



## DAILY TEACHING REPORT

Date : 04/03/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	General register to Status register transfer instructions	20	23

Signature



## DAILY TEACHING REPORT

Date : 06/03/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	8051 Instructions and Simple programs using Stack Pointer	11	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	The Thumb Instruction Set: the Thumb bit in the CPSR, The Thumb programmer's model	20	23

Signature



# DAILY TEACHING REPORT

Date : 07/03/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	09	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Thumb branch instructions, Thumb software interrupt instruction	19	23


Signature 

# DAILY TEACHING REPORT

Date : 08/03/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Thumb data processing instructions, Thumb single register data transfer instructions	20	23


Signature 

# DAILY TEACHING REPORT

Date : 10/03/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K – map K – map (4 variable)	10	14

Signature 

## DAILY TEACHING REPORT

Date : 11/03/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Thumb multiple register data transfer instructions	20	23

Signature



## DAILY TEACHING REPORT

Date : 13/03/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Unit-II Analog and Data Acquisition Systems: 1. Power Supplies: Linear Power supply, Switch Mode Power supply, Uninterrupted Power Supply	11	13
2.	1.45	2.45	M. Sc. ii	Elective Paper-iii: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Thumb breakpoint instruction, Thumb implementation	21	23

Signature



# DAILY TEACHING REPORT

Date : 14/03/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, <i>Interfacing 8-bit</i> Microcontrollers & PIC Microcontrollers	Thumb applications	20	23

Signature 

# DAILY TEACHING REPORT

Date : 15/03/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, <i>interfacing 8-bit</i> Microcontrollers & PIC Microcontrollers	Example and exercises	19	23


Signature 

# DAILY TEACHING REPORT

Date : 17/03/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	K - map K - map (4 variable)	10	14

Signature 

## DAILY TEACHING REPORT

Date : 18/03/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Example and exercises	18	23

Signature



## DAILY TEACHING REPORT

Date : 20/03/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Unit-II Step up and Step down Switching Voltage Regulators Inverters: Principle of voltage driven inversion, Principle of current driven inversion	10	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Exercise	19	23

Signature



## DAILY TEACHING REPORT

Date 21/03/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	Doubt clearing session	20	23

Signature 

## DAILY TEACHING REPORT

Date: 22/03/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	revision	19	23

Signature 

## DAILY TEACHING REPORT

Date: 24/03/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	10	14

Signature 

## DAILY TEACHING REPORT

Date : 25/03/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	revision	22	23

Signature



## DAILY TEACHING REPORT

Date : 27/03/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Unit-II Signal Conditioning: Operational Amplifier, Instrumentation Amplifier using IC, Precision Rectifier, Voltage to Current Converter, Current to Voltage Converter, Op-Amp Based Butterworth Higher Order Active Filters and Multiple Feedback Filters, Voltage Controlled Oscillator Mode Power supply, Uninterrupted Power Supply	10	13
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers			

Signature





## DAILY TEACHING REPORT

Date : 28/03/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers		20	23


Signature 

## DAILY TEACHING REPORT

Date : 29/03/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 - Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers		21	23


Signature 

## DAILY TEACHING REPORT

Date : 31/03/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	10	14

Signature 

# DAILY TEACHING REPORT

Date : 01/04/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers		21	23

Signature



# DAILY TEACHING REPORT

Date : 3/04/2022

Day: Monday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	7.30	9.30	M. Sc. I	Paper I: Advanced Electronics	Analog Multiplexer, Sample and Hold circuits, Analog to Digital Converters, Digital to Analog Converters.	10	13
2.	1.45	2.45	M. Sc. II	Elective Paper-iii: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers			

Signature



## DAILY TEACHING REPORT

Date : 04/04/2022

Day : Tuesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	8.20	9.10	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	Self study	11	14
2.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers			


Signature 

## DAILY TEACHING REPORT

Date: 05/04/2022

Day: Wednesday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers			


Signature 

## DAILY TEACHING REPORT

Date: 06/04/2022

Day : Friday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	10.15	11.05	T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	-		

Signature 

# DAILY TEACHING REPORT

Date :07/04/2022

Day: Saturday

Sr. No.	Hours		Class	Subject/Paper	Particulars of Teaching Syllabus	No. of Students	
	From	To				Present	Total
1.	1.45	2.45	M. Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers			

Signature



## NO. OF DAYS WORKED DURING THE ACADEMIC YEAR

FIRST TERM					Actual No. of days worked	SECOND TERM					Actual No. of days worked
Month	Leave Consumed					Month	Leave Consumed				
	Casual Leave	Duty Leave	Special Leave	Other Leave			Casual Leave	Duty Leave	Special Leave	Other Leave	
June	-	-	-	-	10	Nov.	-	-	-	-	06
July	-	-	-	-	21	Dec.	-	-	-	-	18
August	-	-	-	-	19	Jan.	-	-	-	-	21
September	-	-	-	-	19	Feb.	-	-	-	-	20
October	-	-	-	-	18	March	5	-	-	-	14
						April	04	-	-	-	08
<b>TOTAL</b>					<b>87</b>	<b>TOTAL</b>					<b>87</b>



### PARTICIPATION IN ADMINISTRATIVE ACTIVITIES

Committee	Capacity	Nature of Work
NIL		

### PARTICIPATION IN CO – CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Nature of Activity	Details of Activities/Programme			
	Date	Speaker	Subject	Remarks

### PARTICIPATION IN CO – CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Nature of Activity	Details of Activities/Programme			
	Date	Speaker	Subject	Remarks

### PARTICIPATION IN SEMINARS/WORKSHOPS DURING THE ACADEMIC YEAR

Organizer	Duration	Subject/Theme	Speakers	Remarks

### PARTICIPATION IN ORIENTATION / REFRESHER COURSES

Course	Venue	Organizer	Theme/Subject	Duration	Remarks
Nil					

## PUBLICATIONS

1. Nano-filler cobalt nanoparticles embedded into silica matrix.
2. Facile Synthesis and Morphology Dependent Photocatalytic Activity of ZnO Nanostructures.
3. Synthesis, Characterization and Photocatalytic Activity of NiO Nanoflowers.
4. Reinforcement of industrial-grade sodium silicate-based silica aerogel with recron fibers at ambient pressure.

## PARTICIPATION IN EXAM WORK

Examination	Capacity	Class	Subject	Paper	Participant in CAP
1. University Level	23	M. Sc. II	Paper III- microcontrollers and interfacing	50	
	23	M.Sc. II	Paper III- Advanced microprocessor and ARM-7	50	
2. YCMOU					

## PARTICIPATION IN NATIONAL / STATE LEVEL ACTIVITIES

Name of Activity	Duration	Work Done

## FEEDBACK FROM STUDENTS (Previous Academic Year)

Students of Class	Subject	Marks	Grade
Overall Performance			



**RESULT ANALYSIS OF EXAMINATION HELD IN THE PRECEDINGS  
ACADEMIC YEAR 2021 - 2022**

BSc: SEM-I, III & V

MSc: SEM-I & III

Class	Paper	I Class	II Class	Pass Class	Failed	Total	% of Passing
F.Y.B.Sc.	I	86	13	05	07	111	93.69
	II	96	05	03	07	111	93.69
S.Y.B.Sc.	I	124	00	01	00	125	100
	II	85	32	08	00	125	100
	III	122	02	01	00	125	100
T.Y.B.Sc.	I	07	04	03	00	14	100
	II	10	03	01	00	14	100
	III	07	06	01	00	14	100
	IV	11	03	00	00	14	100
	Applied Component	12	00	02	00	14	100
M.Sc.-I	PSPH101- Mathematical Methods	23		-	1	24	95.83
	PSPH102- Classical Mechanics	23		-	1	24	95.83
	PSPH103- Quantum Mechanics I	22	1		1	24	95.83
	PSPH104-Solid State Physics	23			1	24	95.83
	Practical Group A	23			1	24	95.83
	Practical Group B	22	1		1	24	95.83
M. Sc. II (SEM III)	PSPH301- Statical Mechanics	8	3			11	100
	PSPH302- Nuclear Physics	10	1			11	100
	PSPH303- Microcontroller and Interfacing	11				11	100
	PSPH304- Embedded System and RTOS	11				11	100
	Practical	11				11	100
	Project	11				11	100

BSc: SEM-II, IV & VI

MSc: SEM-II & IV

Class	Paper	I Class	II Class	Pass Class	Failed	Total	% of Passing
F.Y.B.Sc.	I	4	11	74	22	111	80.18
	II	34	30	39	8	111	92.79
S.Y.B.Sc.	I	114	1	0	3	118	97.45
	II	105	7	3	3	118	97.45
	III	113	1	1	3	118	97.45
T.Y.B.Sc.	I	07	06	01	00	14	100
	II	12	02	00	00	14	100
	III	11	03	00	00	14	100
	IV	13	01	00	00	14	100
	Applied Component	13	01	00	00	14	100
M. Sc. I (SEM II)	PSPH201-Advanced Electronics	22	1		1	24	95.83
	PSPH202-Electrodynamics	21	2		1	24	95.83
	PSPH203-Quantum Mechanics II	12	11		1	24	95.83
	PSPH204-Solid State Devices	4	19		1	24	95.83
	Practical Group A	23			1	24	95.83
	Practical Group B	23			1	24	95.83
M. Sc. II (SEM IV)	PSPH401-Experimental Physics	9	2			11	100
	PSPH402-Atomic and Molecular Physics	11				11	100
	PSPH403-Advanced microprocessor and ARM 7	10	1			11	100
	PSPH404-VHDL, USB and Communication Interface	11				11	100
	Practical	11				11	100
	Project	11				11	100



**ODD SEMESTER**

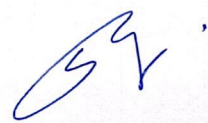
## f) First Three Ranks

Class	Paper	Rank No.	Name of the Students	Marks Obtained
T.Y.B. Sc.	T. Y. B. Sc Elective I- Electronics Instrumentation- analog circuits, instruments and consumer appliances	1	Yadav Awneesh	89
		2	Divya Saini	88
		3	Sahil Pawade	85
M. Sc. II	Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers	1.	Suniti Azad Mishra	90
		2.	Prekshartha Patil	76
		3.	Raveena Raut	75
M. Sc. I	Paper IV: Solid State Physics	1.	Aashish Jha Priya Patil	76
		2.	Grinabh Kadu	71
		3.	Sandesh Bendaga	67

**EVEN SEMESTER**

## g) First Three Ranks

Class	Paper	Rank No.	Name of the Students	Marks Obtained
T. Y. B. Sc.	Elective II- DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP	1.		
		2.		
		3.		
M.Sc. I	Paper I: Advanced Electronics	1.	Adesh Thakur	80
		2.	Priyapatil	80
		3.	Grinabh Kadu	80
M.Sc. II	Elective Paper-III: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers	1.	Madhuri Chimda	75
		2.	Kamini Prajapati	73
		3.	Satyawan Pandey	70



h) Remedial Measures for failure and upgrading pass class and second class students

1) Conduction of extra classes.
2) Previous years paper solving and doubt solving sessions.
3) <i>Providing notes and previous years question paper.</i>
4) Conducting tests.

i) Special Guidance to Challenging Students (I & Distinction)

1) Establish Trust
2) Reconsider Student Engagement Strategies
3) Taking a closer look
4) To know the difficulties of each student and to solve them.
5) Creating study plan for students.



## FIRST TERM COMPLIANCE REPORT

9. Completed the syllabus of M.Sc. II Elective Paper-III: 8, 16 – bit Microprocessors, Microcontroller and PIC Microcontrollers successfully.
10. Completed the syllabus 2 units of M.Sc. I Paper IV: Solid State Physics successfully.
11. Completed the syllabus 2 units of TYBSc.USPH502: Solid State Physics successfully.
12. Worked as a Member of Performance Improvement programme Committee
13. Worked as a Member of Teachers' Evaluation Committee.
14. Worked as a Member of I.Q.A.C. of NAAC.
15. Worked as a Chairman of Research Projects.
16. Worked as a Member of Health Club.
17. Worked as a Member of Women Development Cell.
18. Worked as a Chairman of Counselling Cell.
19. College co-ordinator of **Avishkar Research Convention 2021-22.**



## SECOND TERM COMPLIANCE REPORT

20. Completed the syllabus of M.Sc. II Elective Paper-III: PSPHET405: 32 – Bit Microprocessor, Interfacing 8-bit Microcontrollers & PIC Microcontrollers successfully.
21. Completed the syllabus 2 units of M.Sc. I Paper I: PSPH201: Advanced Electronics successfully.
22. Completed the syllabus 2 units of USACEI602 DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP successfully.
23. Worked as a Member of Performance Improvement programme Committee.
24. Worked as a Member of Teachers' Evaluation Committee.
25. Worked as a Member of I.Q.A.C. of NAAC.
26. Worked as a Chairman of Research Projects.
27. Worked as a Member of Health Club.
28. Worked as a Member of Women Development Cell.
29. Worked as a Chairman of Counselling Cell.
30. College co-ordinator of **Avishkar Research Convention 2021-22.**



## EXTRA CURRICULAR ACTIVITY REPORT

1. Published paper under the title of “Reinforcement of industrial-grade sodium silicate-based silica aerogel with recron fibers at ambient pressure”. (Submitted to Journal of Porous Materials peer-review journal)

**Sapna B. Jadhav** and Pradip B. Sarawade\*

2. Published paper under the title of “Synthesis and characterization of nano-filler cobalt nanoparticles embedded into silica matrix by supercritical drying method”(Published to IJND peer-review journal)

**Sapna B. Jadhav** and Pradip B. Sarawade\*

