Learn. Rise. Excel.

Ganesh
College of Engineering

Attur Main Road, Mettupatti,
SALEM - 636 111.

FACULTY RECORD BOOK

Staff Details

Name : C. Seenivasan

Designation : Assistant Professor

Department : ECE

Subject Details

Subject Code : EC8451

Subject Name : EMF

Semester & Sec : IV

Academic Year : 2021 - 2022

Department : ECE

TIME TABLE

Revision : 0 with effect from (Date) : 16/3/2022

DAY	1	2	Tea Break	3	4	Lunch Break	5	6	Tea Break	7	8	Remarks
Monday		EMF										
Tuesday		EMF										
Wednesday		EMF										
Thursday	EMF											
Friday							EMF					
Saturday				EMF								

Revision : 1 with effect from (Date) :

DAY	1	2	Tea Break	3	4	Lunch Break	5	6	Tea Break	7	8	Remarks
Monday												
Tuesday												
Wednesday												
Thursday												
Friday												
Saturday												

Revision : 2 with effect from (Date) :

DAY	1	2	Tea Break	3	4	Lunch Break	5	6	Tea Break	7	8	Remarks
Monday												
Tuesday												
Wednesday												
Thursday												
Friday												
Saturday												

NAME OF THE SUBJECT

Subject Code : EC8451 & Electromagnetic field

Previous Semester : 92%
Result

Subject Objective :

OBJECTIVES:

- To gain conceptual and basic mathematical understanding of electric and magnetic fields in free space and in materials
- To understand the coupling between electric and magnetic fields through Faraday's law, displacement current and Maxwell's equations
- To understand wave propagation in lossless and in lossy media
- To be able to solve problems based on the above concepts

C. Ravi Kumar

Staff Signature

HOD Signature

Principal

SYLLABUS

EC8451 **ELECTROMAGNETIC FIELDS**

UNIT I INTRODUCTION **12**

Electromagnetic model, Units and constants, Review of vector algebra, Rectangular, cylindrical and spherical coordinate systems, Line, surface and volume integrals, Gradient of a scalar field, Divergence of a vector field, Divergence theorem, Curl of a vector field, Stoke's theorem, Null identities, Helmholtz's theorem

UNIT II ELECTROSTATICS **12**

Electric field, Coulomb's law, Gauss's law and applications, Electric potential, Conductors in static electric field, Dielectrics in static electric field, Electric flux density and dielectric constant, Boundary conditions, Capacitance, Parallel, cylindrical and spherical capacitors, Electrostatic energy, Poisson's and Laplace's equations, Uniqueness of electrostatic solutions, Current density and Ohm's law, Electromotive force and Kirchhoff's voltage law, Equation of continuity and Kirchhoff's current law

UNIT III MAGNETOSTATICS **12**

Lorentz force equation, Law of no magnetic monopoles, Ampere's law, Vector magnetic potential, Biot-Savart law and applications, Magnetic field intensity and idea of relative permeability, Magnetic circuits, Behaviour of magnetic materials, Boundary conditions, Inductance and inductors, Magnetic energy, Magnetic forces and torques

UNIT IV TIME-VARYING FIELDS AND MAXWELL's EQUATIONS **12**

Faraday's law, Displacement current and Maxwell-Ampere law, Maxwell's equations, Potential functions, Electromagnetic boundary conditions, Wave equations and solutions, Time-harmonic fields

UNIT V PLANE ELECTROMAGNETIC WAVES **12**

Plane waves in lossless media, Plane waves in lossy media (low-loss dielectrics and good conductors), Group velocity, Electromagnetic power flow and Poynting vector, Normal incidence at a plane conducting boundary, Normal incidence at a plane dielectric boundary

TOTAL:60 PERIODS

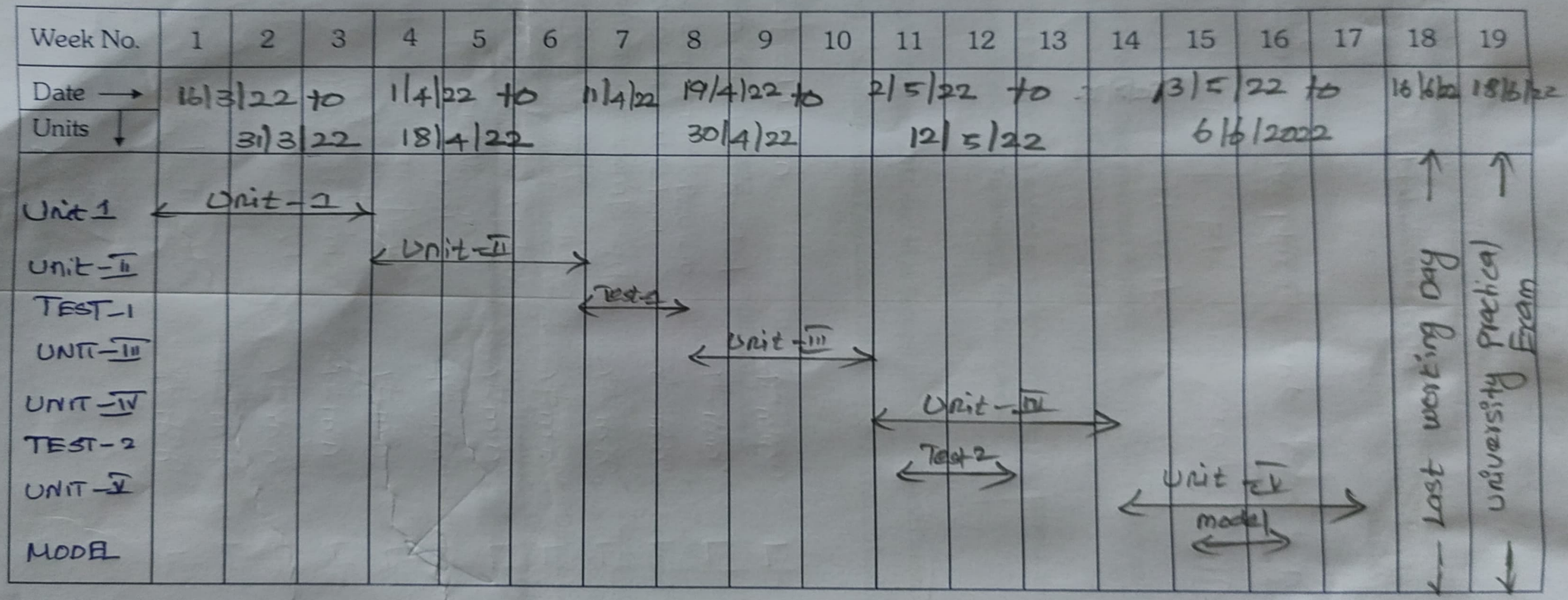
UNIT - VI

UNIT - VII

COURSE DELIVERY PLAN

SUBJECT NAME AND CODE : Electromagnetic field & EC8451 CLASS : II nd year ECE

SEMESTER : IV semester



A - Assignment T - Class Test Scheduled R - Revision M - Model Exam U - University Exam

C. Sreevalli
Signature of Staff

Approved by HOD

Approved by Principal

TEXT BOOKS

TEXT BOOKS:

1. D.K. Cheng, Field and wave electromagnetics, 2nd ed., Pearson (India), 1989 (UNIT I, II,III IV,V)
2. W.H. Hayt and J.A. Buck, Engineering electrmagnetics, 7th ed., McGraw-Hill (India), 2006 (UNIT I-V)

REFERENCE BOOKS

REFERENCES

1. D.J. Griffiths, Introduction to electrodynamics, 4th ed., Pearson (India), 2013
2. B.M. Notaros, Electromagnetics, Pearson: New Jersey, 2011
3. M.N.O. Sadiku and S.V. Kulkarni, Principles of electromagnetics, 6th ed., Oxford (Asian Edition), 2015

OTHER BOOKS

6. S. Kumaresan " Electromagnetic fields & theory " Sruthi Publication

T. U. A. Bakshi " Electromagnetic field's "Technical Publication.

TEACHING AIDS

1. Video Film (VF)
2. Power point Presentation (PP)
3. Demo (D)
4. Models (M)
5. Over head project (OHP)
6. Chalk Board (CB)

TEACHING METHODS

1. Lecture (L)
2. Group Discussion (GD)
3. Quiz (Q)
4. Seminar (S)
5. Team Teaching (TT)
6. Lab Visit (LV)
7. Industrial Visit (IV)
8. Software Training (ST)

LESSON PLAN

UNIT - I

Introduction.

Learning Objectives : At the end of the unit the student will be able to :

To gain conceptual and basic mathematical understanding of Electric and magnetic in free space and in materials

S.No.	Topics to be Covered	Time required (Period)	* Teaching Methods	* Teaching Aids
1	Introduction	45 min	L	CB
2	Electromagnetic model.	45 min	L	CB
3	Units & constants, Review of Vector algebra.	45 min	L	CB
4	Rectangular coordinate system	45 min	L	CB
5	cylindrical coordinate system	45 min	L	CB
6	Spherical coordinate System	45 min	L	CB
7	Line, surface and Volume Integral	45 min	L	CB
8	Gradient of Scalar field	45 min	L	CB
9	Divergence of a Vector, Divergence theorem	45 min	L	CB
10	Curl of a Vector field	45 min	L	CB
11	Stokes theorem	45 min	L	CB
12	Null identities, Helmholtz theorem	45 min	L	CB
13				
14				
15				

* Teachers may refer to the page No. 3 for the list of teaching methods and teaching aids

LESSON PLAN

UNIT - II

Electrostatics.

Learning Objectives : At the end of the unit the student will be able to :

To understand the Laplace's Equation.

S.No.	Topics to be Covered	Time required (Period)	* Teaching Methods	* Teaching Aids
1	Electric field, coulomb's Law	45min	L	CB
2	Gauss's Law & application	45 min	L	CB
3	Electric potential, conductors in static Electric field	45 min	L	CB
4	Dielectric in electric field, Electric flux density & Dielectric constant	45 min	L	CB
5	Boundary conditions	45 min	L	CB
6	capacitance - parallel capacitor	45 min	L	CB
7	cylindrical and spherical capacitor	45 min	L	CB
8	Electrostatic Energy	45min	L	CB
9	poissons & Laplace's Equation	45 min	L	CB
10	Uniqueness, current density & ohms law	45 min	L	CB
11	Electromotive force & KVL	45 min	L	CB
12	Equation of continuity	45 min	L	CB
13	Kirchoff's current Law	45 min	L	CB
14				
15				

* Teachers may refer to the page No. 3 for the list of teaching methods and teaching aids

LESSON PLAN

UNIT - III

Magnetostatics

Learning Objectives : At the end of the unit the student will be able to :

To understand the magnetic field intens

S.No.	Topics to be Covered	Time required (Period)	* Teaching Methods	* Teaching Aids
1	Lorentz force capacitance	45min	L	CB
2	Law of no magnetic monopoles	45min	L	CB
3	Ampere Law, Vector magnetic potential.	45min	L	CB
4	Biot savart Law & applica-tions	45min	L	CB
5	magnetic field intensity & idea of relative permeability	45min	L	CB
6	magnetic circuits	45min	L	CB
7	Behaviour of magnetic materials	45min	L	CB
8	Boundary conditions	45min	L	CB
9	Inductance	45min	L	CB
10	Inductors	45min	L	CB
11	Magnetic Energy	45min	L	CB
12	Magnetic forces & torques	45min	L	CB
13				
14				
15				

* Teachers may refer to the page No. 3 for the list of teaching methods and teaching aids

LESSON PLAN

UNIT - IV

Time Varying fields & Maxwell's Equation.

Learning Objectives : At the end of the unit the student will be able to :

To understand the coupling between electric and magnetic fields through a Faraday's law

S.No.	Topics to be Covered	Time required (Period)	* Teaching Methods	* Teaching Aids
1	Introduction	45min	L	CB
2	Faradays Law	45min	L	CB
3	Displacement current	45min	L	CB
4	Maxwell - ampere Law	45 min	L	CB
5	Maxwells Equations	45 min	L	CB
6	Maxwells Equations for free Space	45 min	L	CB
7	Maxwells Equations for Good conductor	45 min	L	CB
8	Potential functions	45 min	L	CB
9	Electromagnetic boundary conditions	45 min	L	CB
10	Wave Equation & solutions	45 min	L	CB
11	Time harmonic fields	45 min	L	CB
12	Review	45min	L	CB
13				
14				
15				

* Teachers may refer to the page No. 3 for the list of teaching methods and teaching aids

LESSON PLAN

UNIT - V

Planel Electromagnetic waves

Learning Objectives : At the end of the unit the student will be able to :

To be able to solve problems based on concepts.

S.No.	Topics to be Covered	Time required (Period)	* Teaching Methods	* Teaching Aids
1	Introduction	45min	L	CB
2	plane wave in lossless media	45min	L	CB
3	Plane wave in lossy media	45 min	L	CB
4	Uniform plane waves in Good conductor	45min	L	CB
5	Group velocity	45 min	L	CB
6	Electromagnetic Power flow	45 min	L	CB
7	poynting vector.	45 min	L	CB
8	Integral and point forms of poyting theorem	45min	L	CB
9	Average and complex poynting vector	45min	L	CB
10	Normal incidence at a plane conducting boundary	45min	L	CB
11	Normal incidence at a plane dielectric boundary	45min	L	CB
12	Review	45 min	L	CB
13				
14				
15				

* Teachers may refer to the page No. 3 for the list of teaching methods and teaching aids

RECORD OF CLASS WORK

UNIT - I / Introduction

Sl. No.	Topics	Date of Delivery	Period	*Notes of Lesson (Page No.)	Books referred	HOD Signature	Principal / Director Signature
1	Introduction	16/3/22	2	1.0	7		
2	Electromagnetic model	17/3/22	1	1.2	7		
3	units & constants, Review of vector algebra	18/3/22	5	1.10	7		
4	Rectangular	19/3/22	3	1.12	7		
5	cylindrical	21/3/22	2	1.19	7		
6	Spherical	22/3/22	2	1.25	7		
7	line, surface & volume integral	24/3/22	1	1.40	7		
8	Gradient of Scalar field	25/3/22	5	1.54	7		
9	Divergence of vector & theorem	28/3/22	2	1.63	7		
10	curl of a vector field	29/3/22	2	1.66	7		
11	Stokes theorem	30/3/22	2	1.71	7		
12	Null identities, Helmot-tz's theorem	31/3/22	1	1.76	7		
13							
14							
15							

Signature of the HOD with date

Signature of the Principal with date

* Staff members are requested to keep Notes of lesson (NL) separately and carefully

RECORD OF CLASS WORK

UNIT - II | Electrostatics

Sl. No.	Topics	Date of Delivery	Period	*Notes of Lesson (Page No.)	Books referred	HOD Signature	Principa Directo Signatu
1	Electric field, coulombs Law	1/4/22	3	3.1	6		
2	Gauss Law & applications	4/4/22	2	3.9	6		
3	Electric potential, conduc-tor in static E.	5/4/22	2	3.15	6		
4	Dielectric in E, Electric flux density & Dielectric constant	7/4/22	1	3.20	6		
5	Boundary conditions	11/4/22	2	3.32	6		
6	capacitance, Nel capacitors	12/4/22	2	3.33	6		
7	Cylindrical & Spherical capacitor	13/4/22	2	3.36	6		
8	Electrostatic Energy	18/4/22	2	3.39	6		
9	poissons & Laplace Equations	19/4/22	2	3.42	6		
10	Uniqueness, current Density & ohms Law	22/4/22	5	3.43	6		
11	Electromotive force & KVL	27/4/22	2	3.45	6		
12	Equation of Continuity	28/4/22	1	3.49	6		
13	Kirchoffs current law	29/4/22	2	3.58	6		
14							
15							

Signature of the HOD with date 29/4/22

Signature of the Principal with da

* Staff members are requested to keep Notes of lesson (NL) separately and carefully

RECORD OF CLASS WORK

UNIT - III / Magnetostatics

Sl. No.	Topics	Date of Delivery	Period	*Notes of Lesson (Page No.)	Books referred	HOD Signature	Principal / Director Signature
1	Lorentz force equivalence	30/4/22	3	4.1	b		
2	Law of no magnetic monopoles	2/5/22	2	4.2	b		
3	Ampere law, vector magnetic potential	4/5/22	2	4.5	b		
4	Biot savart law & applications	5/5/22	1	4.14	b		
5	magnetic field intensity & idea relative permeability	6/5/22	5	4.16	b		
6	magnetic circuits	9/5/22	2	4.23	b		
7	Behaviour of magnetic materials	10/5/22	2	4.28	b		
8	Boundary condition	11/5/22	2	4.31	b		
9	Inductance	12/5/22	1	4.36	b		
10	Inductors	13/5/22	5	4.39	b		
11	Magnetic field	14/5/22	2	4.41	b		
12	Magnetic forces & torques	16/5/22	2	4.45	b		
13							
14							
15							

Signature of the HOD with date

Signature of the Principal with date

* Staff members are requested to keep Notes of lesson (NL) separately and carefully

RECORD OF CLASS WORK

UNIT - IV Time Varying field in Maxwells equation

Sl. No.	Topics	Date of Delivery	Period	*Notes of Lesson (Page No.)	Books referred	HOD Signature	Principal / Director Signature
1	Introduction	17/5/22	1	5.1	b		
2	Faraday's Law	18/5/22	2	5.4	b		
3	Displacement current	19/5/22	5	5.7	b		
4	Maxwells equation – ampere Law	20/5/22	2	5.10	b		
5	Maxwells equation	24/5/22	2	5.17	b		
6	Maxwells equation for free space	25/5/22	2	5.21	b		
7	Maxwell's equation for good conductor	26/5/22	1	5.24	b		
8	Potential function	27/5/22	2	5.28	b		
9	Electro magnetic boundary condition	28/5/22	2	5.31	b		
10	Wave Equation	30/5/22	2	5.34	b		
11	Time harmonic fields	31/5/22	2	5.38	b		
12	Review	1/6/22	2	5.40	b		
13							
14							
15							

Signature of the HOD with date

Signature of the Principal with da

* Staff members are requested to keep Notes of lesson (NL) separately and carefully

RECORD OF CLASS WORK

UNIT - V / Plane Electromagnetic wave

Sl. No.	Topics	Date of Delivery	Period	*Notes of Lesson (Page No.)	Books referred	HOD Signature	Principal / Director Signature
1	Introduction	1/6/22	5	6.3	6		
2	Plane wave in loss less medium	2/6/22	3	6.10	6		
3	Uniform plane wave in good conductor	2/6/22	4	6.13	6		
4	Group velocity	3/6/22	2	6.20	6		
5	Electro magnetic power flow	4/6/22	2	6.24	6		
6	Poynting vector	6/6/22	2	6.27	6		
7	Integral & pt forms of poynting vector	7/6/22	5	6.30	6		
8	Normal incidence at a plane dielectric	8/6/22	3	6.34	6		
9	Average & complex	10/6/22	2	6.33	6		
10	Normal incidence dielectric boundary	13/6/22	5	6.34	6		
11	Review	14/6/22	2	6.39	6		
12							
13							
14							
15							

Signature of the HOD with date

Signature of the Principal with date

* Staff members are requested to keep Notes of lesson (NL) separately and carefully

RECORD OF ATTENDANCE

MONTH

March

R.No.	Name	16	17	18	19	21	22	24	25	28	29	30	31	1	4	5
Date		2	1	5	3	2	2	1	5	2	2	2	1	03	2	2
Period		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
620620186002	Akshaya.A.S	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/
6003	Amarna.A	/	/	a	/	/	a	/	/	/	/	/	/	/	/	/
6004	AVIN.G	/	/	/	/	a	/	/	a	/	/	/	/	/	/	/
6005	Gokul.G	/	/	/	/	a	/	/	a	/	/	/	a	/	a	/
6006	GokulRaj.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6007	Gowthaman.S	/	/	a	/	/	a	/	/	/	/	/	/	/	/	/
6008	HARIHARAN.A	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
6009	Meena.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6010	Muthulakshmi.A	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/
6011	Naveenkumar.S	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
6012	pattaiyathan.K	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/
6013	prasana.A	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
6014	PRAthap.P	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/
6015	Rajeswari.S	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/
6018	Sakthivel.K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
6019	Sanjaykanth.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6020	Sivasakthi.K	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
6021	Sneha.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6022	Suresh.S	/	/	/	a	/	/	/	/	/	a	/	a	/	/	/
6024	Surya.S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
6025	VEtrivel.V	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
6026	Vinoth.S	/	/	/	/	/	/	a	/	/	a	/	/	/	/	a
6301	Kumaravel.P	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/
6302	Meganathan.S	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
6303	Nagarjan.C	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
6304	Ragupathi.S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
6305	Sanjai.R	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
6306	Thamaraiselvan.S	/	a	/	a	/	/	/	/	/	/	/	/	/	/	a

April. May

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REC

MONTH

Date	
Period	
R.No.	Name
6206201106002	Akshaya. A. S
6003	Amarna. A
6004	AVIN. Gn
6005	Gokul. Gn
6006	GokulRaj. Gn
6007	Gowthaman
6008	HARIHARan.
6009	Meena. M
6010	Muthulakshm
6011	NaveenKumo
6012	pattaiyatha
6013	prasana. A
6014	PRAthap. P
6015	Rajeswari. S
6018	Sakthivel. K
6019	Sanjaykant
6020	Sivasakthi.
6021	Sneha. P
6022	Suresh. S
6024	Surya. S
6025	VEtrivel. V
6026	Vinoth. S
6301	kumaravel.
6302	Meganathan
6303	Nagarjun.
6304	Ragupathi
6305	Sanjai. R
6306	Thamaraisel

MAY

	9	10	11	12	13	14	16	17	18	19	20	24	25	26	31
	2	2	2	1	5	2	2	1	2	5	2	2	2	1	2
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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JUNE

	28	30	31	1	1	2	2	3	4	6	7	8	10	13	14
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	No. of periods attended	% of attendance	Test Marks						Int. Marks.	Revised Int. Marks.	University Exam Marks.
			Test 1		Test 2		Model Exam				
			RTM	OTM	OTM	RTM	OTM	RTM			
2			83	AB	83		91				
3			75	AB	71		89				
4			71	AB	66		70				
5			75	34	69		74				
6			84	AB	78		85				
7			78	32	76		80				
8			70	AB	65		65				
9			63	AB	61		61				
10			71	AB	71		69				
11			69	16	68		59				
12			74	AB	71		70				
13			68	AB	68		62				
14			69	AB	67		61				
15			71	AB	71		65				
18			AB	AB	AB		AB				
19			76	56	71		66				
20			84	AB	83		90				
21			61	AB	64		63				
22			72	AB	65		64				
24			AB	AB	AB		AB				
25			71	AB	68		63				
26			65	32	62		61				
301			60	AB	61		60				
302			70	AB	71		68				
303			70	AB	71		92				
304			AB	AB	AB		AB				
305			70	AB	69		65				
306			69	AB	70		83				

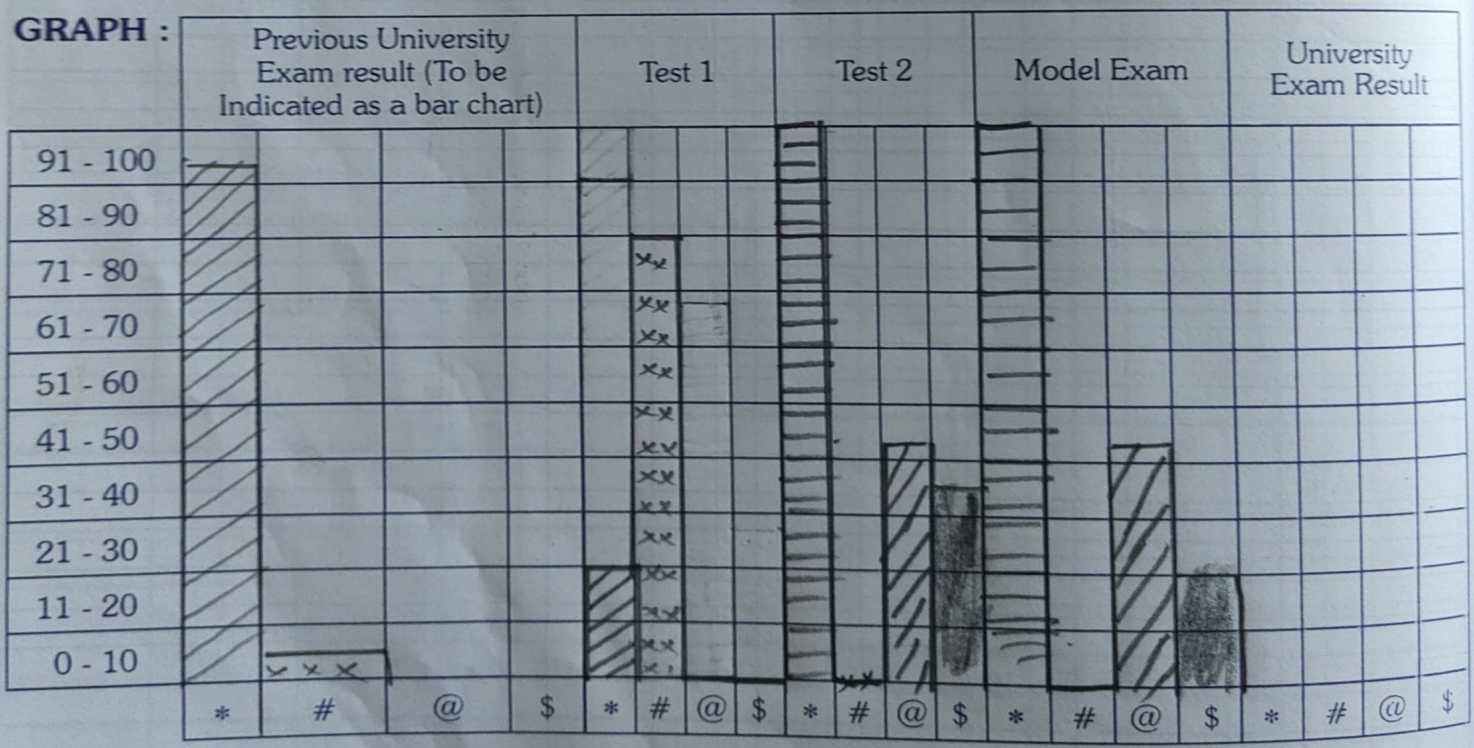
OTM - Original Test Marks. RTM - Retest Test Marks. OMM - Original Model Exam Marks. RMM - Remodel Exam Marks.

Teachers may use the following notations to grade the discipline of the students. A - Good. B - Average, C - Poora

RESULT ANALYSIS

	Test 1	Test 2	Model Exam	University Exam Result
Tot. No. of Students	28	28	28	
Tot. No. of Students appeared	05	03	03	
Tot. No. of Students absent	23	25	25	
No. of Students passed	1	25	25	
No. of Students failed	4	0	0	
% Passed	20%	100%	100%	
% Failed	80%	0%	0%	
% > 60	0%	52%	52%	
% > 75	0%	36%	20%	

GRAPH :



Use '*' Column for Pass %
Use '#' Column for Fail %
Use '@' Column for > 60% and
Use '$' Column for > 75%

CORRECTIVE AND PREVENTIVE ACTION

Tests	Weakness Identified	Corrective and Preventive Action Proposed	Remarks	Staff Sig	HOD Sig	Principal / Director Sig
Test 1	Lagging in concepts	Assignment has given to students	–	C. Sivakumar		
Test 2	Lagging in concept	Assignment has given to students	–	C. Sivakumar		
Model Exam	Lagging in concept	Assignment has given to students	–	C. Sivakumar		
University Exam						

COUNSELLING REPORT - TEST 1

S.No.	Roll No.	Name of the Student	* Area of Counselling Required	Remarks to the faculty advisor
1.	620620106004	Avin.G	AC	
2	620620106008	Haribaran.A	ATT	
3.	620620106011	Naveenkumar.S	DIS	
4	620620106021	Sneha.P	AC	
5	620620106022	Suresh.S	ATT	

* Area of Counselling - Academic (AC), Discipline (DIS) & Attendance (ATT).

COUNSELLING REPORT - TEST 2

S.No.	Roll No.	Name of the Student	* Area of Counselling Required	Remarks to the faculty advisor
1	6206 20 16665	Gokul. G	AC	
2	6009	Manoj. M	AC	
3	6018	Sakthivel. K	DIS	
4	6305	Sanjay. R	ATT	

* Area of Counselling - Academic (AC), Discipline (DIS) & Attendance (ATT).

COUNSELLING REPORT - MODEL EXAM

S.No.	Roll No.	Name of the Student	* Area of Counselling Required	Remarks to the faculty advisor
1	6206I9106007	Gnanthaman.s	AC	
2	6014	Prathap.P	DIS	
3	6026	Vinoth.S	ATT	

* Area of Counselling - Academic (AC), Discipline (DIS) & Attendance (ATT).

Result Expectation in University Examination

Staff Expectation : 90%.

HOD's Expectation : 70%.

Principal : 85%

Signature of the Staff : C. Sivakumar. HOD Signature : Principal :

Date :

STATEMENT OF MARKS

Test : 1

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
620620106002	83	620620106301	60				
620620106003	75	620620106302	70				
620620106004	71	620620106303	70				
620620106005	75	620620106304	AB				
620620106006	84	620620106305	70				
620620106007	78	620620106306	69				
620620106008	70						
620620106009	63						
620620106010	71						
620620106011	69						
620620106012	74						
620620106013	88						
620620106014	69						
620620106015	71						
620620106016	AB						
620620106019	76						
620620106020	84						
620620106021	61						
620620106022	72						
620620106024	AB						
620620106025	71						
620620106026	65						

Signature of the Staff C. Suthi HOD Signature : Principal Signature :

Date :

ASSIGNMENT OF MARKS

Test : 1

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
620620106002	8	620620106301	7				
620620106003	7	620620106302	7				
620620106004	7	620620106303	7				
620620106005	7	620620106304	5				
620620106006	8	620620106305	7				
620620106007	7	620620106306	6				
620620106008	7						
620620106009	6						
620620106010	9						
620620106011	7						
620620106012	7						
620620106013	6						
620620106014	6						
620620106015	7						
620620106018	5						
620620106019	8						
620620106020	8						
620620106021	6						
620620106022	7						
620620106024	5						
620620106025	7						
620620106026	6						

Signature of the Staff : C. Sunil Vinit HOD Signature : Principal Signature :

Date :

STATEMENT OF MARKS

Test : 2

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
620620106002	83	620620106301	61				
620620106003	71	620620106302	71				
620620106004	66	620620106303	81				
620620106005	69	620620106304	AB				
620620106006	78	620620106305	69				
620620106007	76	620620106306	70				
620620106008	65						
620620106009	61						
620620106010	71						
620620106011	68						
620620106012	71						
620620106013	68						
620620106014	67						
620620106015	71						
620620106018	AB						
620620106019	71						
620620106020	83						
620620106021	64						
620620106022	65						
620620106023	AB						
620620106025	68						
620620106026	62						

Signature of the Staff : C. Sundar

HOD Signature :

Principal Signature :

Date :

ASSIGNMENT OF MARKS

Test : 2

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
6206201060002	8	6206201063008	6				
6206201060003	7	6206201063002	7				
6206201060004	6	6206201063003	8				
6206201060005	6	6206201068004	5				
6206201060006	8	6206201063005	7				
6206201060007	7	6206201063006	7				
6206201060008	6						
6206201060009	6						
6206201060010	7						
6206201060011	6						
6206201060012	7						
6206201060013	6						
6206201060014	6						
6206201060015	7						
6206201060018	5						
6206201060019	7						
6206201060020	8						
6206201060021	6						
6206201060022	6						
6206201060023	5						
6206201060024	6						
6206201060026	6						

Signature of the Staff : C. Sunitha

HOD Signature :

Principal Signature :

Date :

STATEMENT OF MARKS

Test : 3

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
620620106002	91	620620106301	60				
620620106003	89	620620106302	68				
620620106004	70	620620106303	92				
620620106005	74	620620106304	AB				
620620106006	85	620620106305	65				
620620106007	80	620620106306	83.				
620620106008	65						
620620106009	61						
620620106010	69						
620620106011	59						
620620106012	70						
620620106013	62						
620620106014	61						
620620106015	65						
620620106018	AB						
620620106019	66						
620620106020	90						
620620106021	63						
620620106022	64						
620620106023	AB						
620620106024	67						
620620106026	61						

Signature of the Staff : C. Santhanam

HOD Signature :

Principal Signature :

Date :

ASSIGNMENT OF MARKS

Test : 3

Subject Name & Code :

Branch, Sem & Sec. :

Staff Name :

Roll No.	Marks	Roll No.	Marks	Roll No.	Marks	Roll No.	Marks
620620106002	9	620620106301	6				
620620106003	8	620620106302	7				
620620106004	7	620620106803	9				
620620106005	7	620620106304	5				
620620106006	8	620620106805	7				
620620106007	8	620620106306	8				
620620106008	6						
620620106009	8						
620620106010	7						
620620106011	6						
620620106012	7						
620620106013	6						
620620106014	6						
620620106015	6						
620620106018	5						
620620106019	7						
620620106020	9						
620620106021	7						
620620106022	7						
620620106023	5						
620620106024	7						
620620106026	6						

Signature of the Staff : HOD Signature : Principal Signature :

Date :