

AICTE ID - 1-3847411 AISHE Code: C-46648 DTE Code: EN6732

SPPU PUN Code: CEGP015720

(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

Criteria 2

- 2.6: Student Performance and Learning Outcome
- 2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website.
- 2.6.2 Attainment of POs and COs are evaluated

Sr.No.	Parameters		A	cademic Ye	ar	
1	CO PO Mapping sheets UG & PG					
2	CO PO Attainment Sheet UG & PG	2022-23	2021-22	2020-21	2019-20	2018-19
3	Summary sheet of CO PO Attainment					

Continging Pune To Sulface to the School of School of School of Sulface to the Su



"Empowerment through quality technical education" Dr D Y Patil Educational Enterprises Charitable Trust's DY PATIL SCHOOL OF ENGINEERING

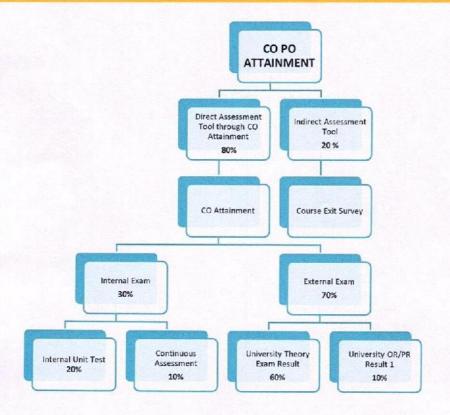
AICTE ID - 1-3847411 AISHE Code: C-46648

DTE Code: EN6732

SPPU PUN Code: CEGP015720

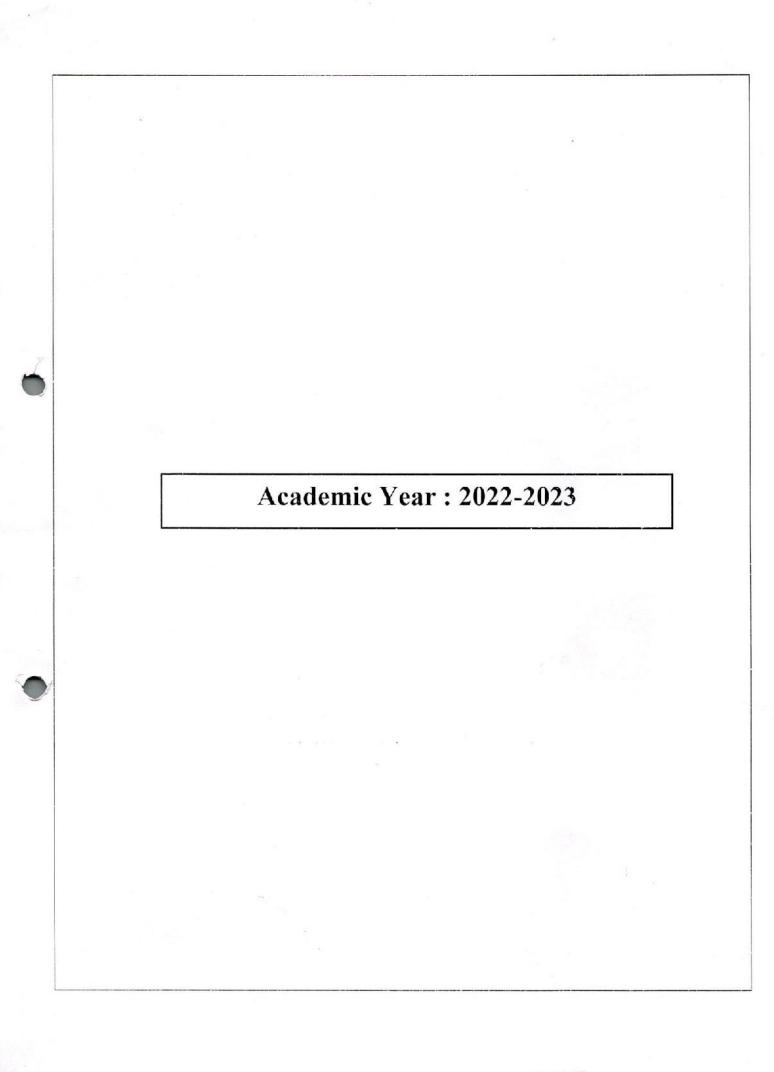
(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University) (Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

INTERNAL ASSESSMENT PROCESS AND MECHANISM





Principal
.;eenkya DY Patil School of
Engineering, Lohegaon, Pune





Empowerment Through Quality Technical Education

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Engineering Sciences

Course Outcomes (COs):

Form No. 1QAC/36

Academic Year.: 2022-23

Semester: I

Subject: Programming & Problem Solving (110005)

Div: F

Name of Subject Teacher: Prof. Ashlesha C. Adsul

Class: FE

CO No.	BT level	Class: FE
CO NO.		Students will be able to
CO-1	3-Apply 4-Analyze	Inculcate and apply various skills in problem solving.
CO-2	3-Apply 4-Analyze 5-Evaluate	Choose most appropriate programming constructs and features to solve the problems in diversified domains.
CO-3	3-Apply 6-Create	Exhibit the programming skills for the problems those require the writing of well documented programs including use of the logical constructs of language, Python.
CO-4	3-Apply 4-Analyze 6-Create	Demonstrate significant experience with the Python program development environment.
CO-5	2-Understand	To learn features of Object Oriented Programming using Python.
CO-6	1-Remember 2- Understand	To Acquaint with the use and benefits of file handling in Python.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. Ashlesha C. Adsul Subject Teacher Engineering Sciences

Prof. Dr. S. M. Khairnar Head, Engg. Sci. Dept.

Principal Ajeenkya DY Patil School of

Engineering, Lohegaon, Pune





Academic Year: 2022-23

Empowerment Through Quality Technical Education

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Engineering Sciences

Form No. IQAC/36

Semester: I Div: F

CO-PO-PSO Mapping

Subject: Programming & Problem Solving (110005) Name of Subject Teacher: Prof. Ashlesha C. Adsul

PO	abject Teache								- 46					Class: F	E	
CO	BT LEVEL	P01	PO2	PO3	P04	P05	P06	P07	P08	P09	P010	P011	PO12	PSO1	PSO2	PSO3
CO-1	3-Apply 4-Analyze	3	3			2			To ye		1					
CO-2	3-Apply 4-Analyze 5-Evaluate	3	3	3		2										
CO-3	3-Apply 6-Create	3	3	3		2										
CO-4	3-Apply 4-Analyze 6-Create	3				2										
CO-5	2- Understand	3		2												
CO-6	1-Remember 2- Understand	3		1		2										
Average		3.00	3.00	2.25		2.00				- Polanica -			441.5374.534		News St. E-SUGER	
Rounded off		3	3	3		2					1.00		-) •	•	-111
	SHOW IN A THE	(Streng	th of	enkya o	ak 3-St	ong, 2-1	Paul No.	Rolling	1- 17							

Prof. Ashlesha C. Adsul

Subject Teacher

Principal

Prof. Dr. S. M. Khairnar

Ajeenkya DY Patii School of Engineering, Lohegaon, Pune

Head, Engg. Sci. Dept.

Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	3	Strongly have the knowledge to apply the different skills for solving the problems.
CO-1	P02	3	Strongly student will know how to analyze the problems.
	P05	2	Moderatly the student will know how to use modern tools to solve the problems.
	PO10	1	Slightly the students should know communication in effective way.
	PO1	3	Strongly have the knowledge to select appropriate statements.
CO-2	PO2	3	Strongly the students should analyze about the use of statements.
CO-2	P03	3	Strongly the students should know how to design program using appropriate statements
	P05	2	Moderately the student will become aware of using appropriate statements in modern tools.
	P01	3	Strongly will know the knowledge of Functions.
	PO2	3	Strongly will know how to use an appropriate functions.
CO-3	P03	3	Strongly the students will know how to use function to devlope a program
	P05	2	Moderately will become aware of using appropriate functions in modern tools.
CO-4	P01	3	Strongly knowledge about the strings.
CU-4	P05	2	Moderately the student will become aware of using string operators in modern tools.
CO-5	P01	3	Strongly have the knowledge of OOPs.
CO-3	P03	2	Moderately the students should know how to apply OOPs concepts for developing a program.
	P01	3	Strongly have the knowledge and syntax for file handling.
CO-6	PO3	1	Slightly the students should apply different commands for file handling.
	PO5	2	Moderately make use of modern tools.

Prof. Ashlesha C. Adsul Subject Teacher



Engineering Sciences Sciences

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Prof. Dr. S. M. Khairnar Head, Engg. Sci. Dept.



Empowerment Through Quality Technical Education

Ajeenkya D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105
Website: https://dypsoein/
Department of Engineering Sciences

CO-PO-PSO Attainment

Form No. IQAC/36

Academic Year: 2022-23

Vame	of Subject Teacher: Prof. Ashlesha C. Adsul	Blooms Taxonon	1000	irect As	sesme	nt (Inte	ernal) (3	1201	E: Un	xterna siversi	sesmen l) (70% ty Exan	ns	t Asses		Indire Assessm (IDA)	ent A	O Ital	ned/ Notat taine																Att				Att		Att	
		y	774	Unit '		47	(10		Suhj		PR/0		ing of		(10)		•	Ш	Al	t n	Att ain		Att ain me	Att	BOS	Att	POG	Att ain pe	Att ain me	POB	ain PC	Att	2010	ain PO	aln	PO1:	Att ain me nt	o ain	P50:	ain p	so:
CO No.	Statement of COs		Sum mativ e Test	UT1	UT 2	Mapp ing	CA	Mappin g	% resul t of Sub.	Mapp log	% Result of PR / OR / TW	Mapp Ing	+10	CO ATTA INME NT STAT TARG US	Cours e Exit Surve y	app (8 ing D	0% T	irge t	PO1 m	C 15000	me nt		me nt	nt		me nt		me nt	me nt		nt nt	me nt		nie Dt	nt nt		nt nt	nt		nt	
) -1	Inculcate and apply various skills in problem solving.	3-Apply	23.08			0.0	82.33	3	56.06	2.0	100.00	135 860			71.58	3,0 2	.04	2.00 Attain	3	3 3	3				2	z							1	1				+			
0-2	Choose most appropriate programming constructs and features to solve the problems in diversified domains.	3-Apply		17.39		0.0	82.33	3	56,06	2,0	100.00	3.0	1.8	1.75 Attained	69.40	3.0	.04	2.00 Attain	3	3 3	3	3	3		2	2														100 P	
0.3	Exhibit the programming skills for the problems those require the writing of well documented programs	3-Apply	6-C	30.43		0,0	82.33	3	56.06	2.0	100.00	3,0	1.8	1.75 Attained	69.89	3.0	2.04	2.00 Attain-	3	3 3	3	3	3		2	2															
0-4	Demonstrate significant experience with the Python program development environment.	3-Apply		4-An	72.41	3.0	82.33	3	56.06	2.0	100.00	3.0	2.4	1.75 Attained	72.04	3.0	2.52	2.00 Attains	3	3					2	2			-								35				
0.5	To learn features of Object Oriented Programming using Python.	2-Under	stand		29.31	0.0	82.33	3	56 .06	2.0	100.00	3.0	1.8	1.75 Attained		3.0	2.04	2.00 Attain	3	3		2	2											H	also in	94 355 94 355					
۸.6	To Acquaint with the use and benefits of file handling in Python.	1-Remer	mber 2-U	ndersta	31.03	0.0	82.33	3	56.05	2.0	100.0	3.0	1.8	1.75 Attained	70.97	3.0	2.04	2.00 Attain	3	3	M.	1 A	1	AVE	2	2	-		R/E	Atta	R.	AVE.		tvg.	Atta no		inme	AV &		AVE.	Att

Prof. Ashlesha C. Adsul Subject Teacher

Prof. Dr. S. M. Khairnar

Head, Engg. Sci. Dept.





Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Fune

Semester: I Class: FE



Academic Year.:2022-23

Empowerment Through Quality Technical Education

Ajeenkya DY Patil School of Engineering

Dr. D. Y. Patil Knowledge City,

Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Mechanical Engineering

Course Outcomes (COs):

Form No. IQAC/36

Semester:VII

Class:BE

Div:I

Subject: Heating Ventillation and air conditioning Name of Subject Teacher: Prof. Thombare R S

CO No.	BT level	Students will be able to
CO-1	5-Determine	ANALYSE different air-craft refrigeration systems and EXPLAIN the properties, applications and environmental issues of different refrigerants.
CO-2	4-Analyze	ANALYSE multi pressure refrigeration system used for refrigeration applications.
CO-3	3 -Apply	DISCUSS types of compressors, condensers, evaporators and expansion valves along with regulatory and safety controls and DESCRIBE Transcritical and ejector refrigeration systems.
CO-4	5-Determine	ESTIMATE cooling load for air conditioning systems used with concern of design conditions and indoor quality of air.
CO-5	5-Estimate	DESIGN air distribution system along with consideration of ventilation and infiltration.
CO-6	2-Describe	EXPLAIN the working of types of desiceants, evaporative, thermal storage, radiant cooling, clean room and heat pump systems.

In case if the syllabus dosen't contain 6 Cos. The teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

So al H

Prof-Thombase R.S.



Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Hop mechanical Engage



Empowerment Through Quality Technical Education

Ajeenkya DY Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Mechanical Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2022-23

Semester: I

Class:BE

Div: I

Subject: Heating Ventillation and air conditioning Name of Subject Teacher: Prof.Thombare R S

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	5- Determine	3	2	1	1		1	•	-	10 -	•	-	2	1		
CO-2	4-Analyze	3	2	1	1								2	1		
CO-3	4-Analyze	3	2	1	1								2	1		
CO-4	5- Determine	3	2	1	1					(1945) (1945) (1945) (1945)			2	2		
CO-5	5-Estimate	3	2	2			2						2	1		
CO-6	2-Describe	3	2	2	2		1						2	1		
Average		3.00	2.00	1337	b.24	4	1.33	4	-			4	2.00	1.17	•	
Rounde d'off		3	2	2,00	2 2 3		2						2	2		

(Strength of Correlations Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

CO No.	PO/PSO Mapped	Leve	Justification of Mapping
	POI	3	Student will able to understad various types of refrigerent.
	PO2	2	Student will able to identify and analyze application of refrigerent.
			Student will able to understad the enviormental issues related to the refrigerent.
CO-1	PO3	2	
	PO9	1	Student must be able to compare the refrigerent.
	PO12	1	Student use knowledge of air refrigeration system.
	PO1	3	Students will acquire fundamentals of multi compression and multi evaporator system
	PO2	2	Using fundamentals of refrigeration student must understand the application of mult evaporator and multi- compression system.
CO-2	PO3	1	Knowledge of single satage compression.
CO-2	PO4	1	Knowledge of multi evaporator and .nulti compression system.
	PO6	2	Student must be able to compare the the systems.
	PO12	1	Student use knowledge of refrigeration through their career.
	PO1	3	Student will be able to design of compressor, condenser, evaporator and expansion valve.
	PO2	2	Student will able to discuss the compressor, condenser, evaporator and expansion valve.
			Student will able to undestand the ejector refrigeration cycle.
CO-3	PO3	1	Student will able to investigate application of transcritical cycle.
	PO4	1	
	PO12	2	Student will able to use knowledge saftey control.
	PSO1	1	Knowledge of fundamentals of transcritical cycle,
	PO1	3	Student will able to design air conditioining system.
	PO2	2	Student will able to identify design conditions required.
CO-4	PO3	1	Student will able to find out solution for vibrating system.
	PO4	1	student must able to calculate the cooling load.
	PSO1	2	Student will be able to Measure indoor air quality.
	PO1		Student will able to design air distribution system.
			(E) and (S)
	PO2		Knowledge of fundamentals of air distribution will be useful throughout the career.
CO-5	PSO2		student will able to calculate the equipments capacity requirements.
	PO6	-	student will able to undestand the design coditions.
	PO12		tudents will understood the requirement of infiltration.
	PSO1	1 5	tudents will understood the requirement of ventillation.
	PO1	3 5	tudent will be able to understand the advacements in air conditioning system.
	PO2	2 S	tudent will able to understand the working of heat pump.
0-6	PO3	2 5	tudent will able to understand the working of radiative cooling system
	PO4	2 5	tudents will be able to understand the concept of clean room
	PO6	2 5	tudent will able to identify the mail storage assem.
_	PO12	2 S	tudent will able to under and the working of exaporative system.
	PSO1	1 S	tudent will able to understand the working of various dessicants.
1000000			Mechaning Engineering Principal Algentya DY Patil School of

Profe Thombase RS.

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune Engineering, Lohegaon, Pune



Empowerment Through Quality Technical Education Ajeenkya DY Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: https://dypsoe.in/

Academic Year: 2022-23

Subject: Heating Ventillation and air conditioning

Name of Subject Teacher: Prof.Thombare R S

		Blooms Taxonomy		D	irect Asse	sment (l	nternal) (30	%)		Direct	Assesment Universi			Direct Assessment (DA)	LAND MEDICAPCIA SIGN	Assessment	CO
			Un	it Test		(2)	0%)	A STATE OF THE STATE OF	CA 10%)	- CV-270.	ct Result 0%)	7 100	OR/FW 10%)	Manufació	·	(DA)	Attainment
CO No.	Statement of COs		Summativ e Test	UTI	UT 2	UT3	Mapping	CA	Mapping	% result of Sub.	Mapping	% Result of PR / OR / TW	Mapping	Mapping of (20% Internal tests+10% Continous Assessment +60% Univ result(TH)+10% Univ oral result	Course Exit Survey	Mapping	Weightage (80% DA+ 20% IDA)
CO-1	ANALYSE different air-craft refrigeration systems and EXPLAIN the properties, applications and environmental issues of different refrigerants.	5-Determine	95.16				3.0	80.69	3	63.00	3.0	100.00	3.0	3.00	84.95	3.0	3.00
CO-2	ANALYSE multi pressure refrigeration system used for refrigeration applications.	4-Analyze		96.61			3.0	80.69	3	63.00	3.0	100.00	3.0	3,0	88,17	3.0	3,00
CO-3	DISCUSS types of compressors, condensers, evaporators and expansion valves along with regulatory and safety controls and DESCRIBE Transcritical and ejector refrigeration systems.	3 -Apply			89.83		3.0	80.69	3	63.00	3.0	100.00	3.0	3.0	94,09	3.0	3.00
CO-4	ESTIMATE cooling load for air conditioning systems used with concern of design conditions and indoor quality of air.	5-Determine			88,14		3.0	80,69	3	63.00	3.0	100.00	3.0	3.0	90.32	3.0	3.00
CO-5	DESIGN air distribution system along with consideration of ventilation and infiltration.	5-Estimate				83.87	3.0	80.69	3	63,00	3.0	100.00	3.0	3.0	89.25	3.0	3.00
CO-6	EXPLAIN the working of types of desiccants, evaporative, thermal storage, radiant cooling, clean room and heat pump systems.	2-Describe		nkya		98,31	3.0	80.69	3	63.00	3.0	100.00	3.0	3.0	93.55	3,0	3.00

Mapping Criterias ->

arks >=60: Level 3

Marks >=50: Level 2

Marks >=40: Level 1

CO-PO-PSO Attainment

Form No. IQAC/36

Semester: 1

ssessment	CO Attainment																									Class:	BE		Div: I		
Mapping	Weightage (80% DA+ 20% IDA)	POI	Attain ment	POZ	Attain ment	PO3	Attain ment	PO4	Attain ment	POS	Attain ment	PO6	Attal nmen t	PO7	Attain ment	PO8	Attain ment	PO9	Attain ment	PO10	Attain ment	PO11	Attain ment	PO12	Artain ment	PSOI	Attain ment	PSO2	Attain ment	PSO3	Attain ment
3.0	3.00	3		2	2	1	1	•	1			1	1											2	2.	1					
3.0	3,00	3	3	2	2	1	1	ı	1															2	2	i	ı				
3.0	3,00	3	3	2	9.4	1	ſ,	1	1			A N												2	2	1	1				
3,0	3.00	3	3	2	2	1	1	1	1															2	2	2	2				
3.0	3.00	3	a	2	7	2	2					2	2											2	2	1	1				
3.0	3.00	3	3 2	2	1	2	2.8	-	2			1	l Cook											2	2	1	1				
		Av Attain of P	ment . O-1	Avg. Att		Av Attain of P	ment O-3	Attain R	ment 7	5	inment	Avg Attains of PC		id's	lioo	Attain P	ment	Av Attair of P	ment	Av Attain of PC	ment	Av Attain of PC	ment	Avg. Att		Attai of P		Av Attain of PS	ment	Attai	inment PSO-3

Pool Thombane R S.

Mechanical Engineering Control of the Park Pure To the Park Pure To the Park T

Ajeenkya DY Patil School of

HOD TO Enorg



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of Mechanical Engineering

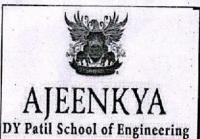
A no domei	. V	Course Outcomes (COs):		Form No. IQAC/39
Subject: 1		23 Statistical Methods er: Prof. Prashant Karajagi	Class: TE	Semester: I Div: D
CO No.	BT level	Students will be able to		
CO-1	3-Apply	SOLVE system of equations using direct and iterative numerical methods.		
CO-2	3-Apply	ESTIMATE solutions for differential equations using numerical techniques.		
CO-3	6-Create	DEVELOP solution for engineering applications with numerical integration.		
CO-4	6-Create	DESIGN and CREATE a model using a curve fitting and regression analysis.		
CO-5	3-Apply	APPLY statistical Technique for quantitative data analysis.		
CO-6	3-Apply	DEMONSTRATE the data, using the concepts of probability and linear algebra		

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prashant Karajagi

ST * Ajeerst to N Paul

Prof. R. N. Garad HOD



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of Mechanical Engineering

CO-PO-PSO Mapping

Form No. IQAC/39

Academic Year: 2022-23

Semester: I

Subject: Numerical & Statistical Methods

Class: TE

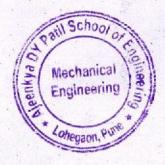
Div: D

Name of Subject Teacher: Prof. Prashant Karajagi

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO:
CO-1	3-Apply	3	3	2		2								2		
CO-2	3-Apply	3	3	2		2									2	
CO-3	6-Create	3	3	2		2									1	
CO-4	6-Create	3	3	2		2								2		
CO-5	3-Apply	3	3	2		2									2	
CO-6	3-Apply	3	3	2		2									2	
Average		3.00	3.00	2.00		2.00								2.00	1.75	
Rounde d off		3	3	2		2		P	1					2	2	

(Strength of Correlation): 3-Strong, 2-Mcdumgl-West, Keep Blank-if No Corellation







Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	3	Strongly students having the Knowledge of the system of equations.
	PO2	3	Strongly students can identify, formulate and solve the engineering problems.
CO-1	PO3	2	moderately students will solve the vibration problems for 3 DOF systems.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO1	2	moderately student can use the Python programmimg language to solve the system of equaitons for problems.
	PO1	3	Strongly students having the Knowledge of Ordinary and Partial Differential equations.
	PO2	3	Strongly students can formulate the engineering problems into differential equations and solve it.
CO-2	PO3	2	moderately students will solve the vibration/Heat Transfer problems.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO2	2	moderately student can obtain the solutions for heat transfer problems.
	PO1	3	Strongly students having the Knowledge of single and double integration.
	PO2	3	Strongly students can formulate the engineering problems into integration form and solve it using numerical methods.
CO-3	PO3	2	moderately students will solve the engineering problems.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO2	1	Slightly student can obtain the solutions for engineering problems.







	PO1	3	Strongly students having the Knowledge of curve fit and regression analysis.
	PO2	3	Strongly students can formulate the engineering problems into curve fit and regression and solve it.
CO-4	PO3	2	moderately students will solve the engineering problems using numerical technique.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO1	1	slightly student can use the Python programmimg language to solve the system of equaitons for problems.
	PO1	3	Strongly students having the Knowledge of statistics.
	PO2	3	Strongly students can formulate the engineering problems into statistics and solve it.
CO-5	PO3	2	moderately students will solve the engineering problems using statistics.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO2	2	moderately student can use the programming skills to solve the problems.
	PO1	3.	Strongly students having the Knowledge of prbability.
	PO2	3	Strongly students can formulate the engineering problems into probability distribution model and solve it.
CO-6	PO3	2	moderately students will solve the engineering problems using distribution curves.
	PO5	2	moderately student can program to obtain the solutions for problems using Python/Matlab.
	PSO2	2	moderately student can use the programmimg skills to solve the problems.

Prashant Karajagi

Prof. R. N. Garad HOD

CO-PO-PSO A



Academic Year: 2022-23

Subject: Numerical & Statistical Methods

Name of Subject Teacher: Prof. Prashant Karajagi

		Blooms		Dire	ct Assesn	ent (Inter	nal) (30%	6)	Direct	Assesment Universi	THE RESERVE OF THE PARTY OF THE		Direct Assessment (DA)	THE RESERVE OF THE PARTY OF THE	Assessment	co 🚶			
			Unit To	est		(20%)		CA (0%)		ct Result 0%)	COMPANS ASSESSED 199	R/TW : 0%)		0	DA)	Attainment		-	
CO No.	Statement of COs		Summ ative Test	UTI	UT 2	Mapping	CA	Mapping	% result of Sub.	Mapping	% Result of PR / OR / TW	Mapping	Mapping of (20% Internal tests+10% Continous Assessment +60% Univ result(TH)+10% Univ oral result	Course Exit Survey	Mapping	Weightage (80% DA+ 20% IDA)	POI	Attain ment	POZ
CO-1	SOLVE system of equations using direct and iterative numerical methods.	3-Apply	42.86			1.0	83.03	3 3	26.88	0.0	100.00	3.0	0.80	80.00	3.0	1.24	1.3	2.	3
	ESTIMATE solutions for differential equations using numerical techniques.	3-Apply		9.09		0,0	83.03	3	26.88	0.0	100.00	3.0	0.6	76.00	3.0	1.08	3	2	3
CO-3	DEVELOP solution for engineering applications with numerical integration.	6-Create		5.88		0.0	83,03	3	26.88	0.0	100.00	3.0	0.6	77.33	3.0	1.08	3	g	3
CO:4	DESIGN and CREATE a model using a curve fitting and regression analysis.	6-Create			91.89	3.0	83.03	3	26.88	0.0	100.00	3.0	1.2	76.67	3.0	1.56	3	2	3.
	APPLY statistical Technique for quantitative data analysis.	3-Apply			100.00	3.0	83.03	3	26.88	0.0	100.00	3.0	1.2	77.33	3.0	1.56	3	2	3
CO-6	DEMONSTRATE the data, using the concepts of probability and linear algebra.	3-Apply			35.48	0.0	83.03	3	26.88	0.0	100.00	3.0	0.6 *	75.33	3.0	1.08	3	2	3

Mapping Criterias ->

Marks >=60: Level 3

Marks = 80 FDevel 2

Marks >=40: Level 1

Avg.
Attainment
of PO-1

2.00

Avg. Att
of P

2.00

2

Pune Pune School

Prashant Karajagi

Principal
Ajeenkya DY Patil School of
Engineering Lohegaon, Pune

Prof. R. N. Gar ad

t through quality technical education"

ent of Mechanical Engineering

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

ttainment

Form No. IQAC/39

Semester: I

						1		1	r e									-	lesson and the	Deliteration	Class:	TE (MI	ECH)	Div: D		
Attain ment	PO3	Attain ment	P04	Attain ment	PO5	Attain ment	PO6	Attai nment	P07	Attain ment	PO8	Aftain ment	PO9	Attain ment	P010	Attain ment	POH	Attain ment	PO12	Attain ment	PSO1	Attain ment	PSO2	Attain ment	PSO3	Attain ment
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	-				ľ															2	1				
2	2	1			2																		2,	1,		
2.	2	1			2	-																	1	1		
2	2.1	27			2	2		The series													2	2				
2	2	2			2	2																	2	2		
2 2	2				2														, a				2	1		
ainment O-2	Av Attain of Po	ment O-3	Av Attain of P	ment	Attains PC	nk ya	Avg Attainn lof	;. nent }-6	Attains of PC	ment	Attains of Po	ment	Attain of P	ment	Avg Attains of PO	nent	Av Attain of PC	ment /	Avg. Atta		Av Attain	ment	Av Attain of PS	ment	Attain of P:	ment





"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

AY. 2022-23 SEM-IJ TE (ESTU-A

sub! Network Securit

	Bloom's Taxonomy Levels	Form No. IQAC/39
Level	Particulars	
1-Remember	Recall facts and basic Concepts (define, duplicate, list, memorize, repeat, state)	
2-Understand	Explain ideas or concepts (classify, describe, discuss, explain, identify, locate, recognize, report, select, trans-	nslate).
3-Apply	Use information in new situations (execute, implement, solve, use, demonstrate, interpret, operate, schedul	e, sketch)
4-Analyze	Draw connection among ideas (Differentiate, organize, relate, compare, contrast, distinguish, examine, exp test)	eriment, question,
5-Evaluate	Justify a stand or decision (Appraise, argue, defend, judge, select, support, value, critique, weigh)	
6-Create	Produce new or original work (Design, assemble, construct, conjecture, develop, formulate, author, investi	gate)

Dr. Sanjay Koli Subject Teacher







"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

CO-PO-PSO Mapping Form No. IQAC/39 Academic Year: 2022-23 Semester:II Subject: Elective-II: Network Security Class:TE Name of Subject Teacher: Prof. Dr. Sanjay Koli PO10 PO11 CO CO-1 1-Remember 2 CO-2 3 2 2 3 3-Apply 1 CO-3 3-Apply 3 3 1 1 2 2 3 CO-4 3 2 2 3 2 CO-5 2-Understand 3 2 CO-6 2-Understand 1 3 2.33 3.00 1.00 2.00 2.00 2.00 2.60 Average 1.00 inded 3 3 3 1 2 2 2 (Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Justification for CO-PO-PSO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	3	Strongly the students will be able to apply the knowledge of mathematics and engineering fundamentals to analyze attacks on computers and computer security.
CO-1	POZ	3	Strongly the student will be able to identify and review research literature to analyze attacks on computers and computer security.
	PSO1	2	Moderately the student will understand the fundamentals of designing electronics systems for applications like computer attacks and computer security security.
	PO1	3	Strongly the student will be able to demonstrate knowledge of cryptography techniques using principles of mathematics and engineering sciences.
	PO2	3	Strongly the student will be able to identify and review research literature to demonstrate knowledge of cryptographic techniques.
	PO3	1	Slightly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of cryptographic techniques.
CO-2	PO4	1	Slightly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of cryptographic techniques.
	PO5	2	Moderately the student will be able to apply appropriate techniques and IT tools to complex engineering activities using the knowledge of cryptographic techniques with an understanding of the limitations.
	, PO6	2	Moderately the student will be able to apply reasoning informed by the contextual knowledge to assess safety and legal issues and the consequent responsibilities relevant to the professional engineering practice using the knowledge of cryptographic techniques.
	PSO2	3	Strongly the student will strengthen the ability to use open source tools for modeling and simulation to solve technical problems using knowledge of cryptographic techniques.
	PO1	3	Strongly the student will be able to illustrate various symmetric and asymmetric keys for ciphers using principles of mathematics and engineering sciences.
	PO2	3	Strongly the student will be able to identify and review research literature to illustrate various symmetric an asymmetric keys for ciphers.
	PO3	1	Slightly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of various symmetriand asymmetric keys for ciphers.
CO-3	PO4	1	Slightly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of various symmetr and asymmetric keys for ciphers.
	PO5	2	Moderately the student will be able to apply appropriate techniques and IT tools to complex engineering activities using the knowledge of various symmetric and asymmetric keys for ciphers with an understanding the limitations.
	P06	2	Moderately the student will be able to apply reasoning informed by the contextual knowledge to assess safety and legal issues and the consequent responsibilities relevant to the professional engineering practice using the knowledge of various symmetric and asymmetric keys for ciphers.
	PSO2	3	Strongly the student will strengthen the ability to use open source tools for modeling and simulation to state technical problems using knowledge of various symmetric and asymmetric keys for ciphers.
5	PO1	3	Strongly the student will be able to apply the knowledge of different message authentication algorithms and Hash functions using principles of mathematics and engineering sciences.
	· PO2	3	Strongly the student will be able to identify and review research literature to demonstrate knowledge of \\ different message authentication algorithms and Hash functions.



Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune



Port. Sanjay Korli

		100	
	PO4	1	Slightly the student will be able to design solutions for complex eggineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of different message authentication algorithms and Hash functions.
0-4	PO5	2	Moderately the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of different message authentication algorithms and Hash functions.
	PO6	2	Moderately the student will be able to apply appropriate techniques and IT tools to complex engineering activities using the knowledge of different message authentication algorithms and Hash functions with an understanding of the limitations.
	PSQ2	3	Strongly the student will strengthen the ability to use open source tools for modeling and simulation to solve technical problems using knowledge of various symmetric and asymmetric keys for ciphers.
	PO1	1	Slightly the students will be able to apply the knowledge of mathematics and engineering fundamentals for getting acquainted with various aspects of E-Mail Security.
)-5	PO3	3	Strongly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of various aspects of E-Mail Security.
	P5O2	2	Moderately the student will strengthen the ability to use open source tools for modeling and simulation to solve technical problems using knowledge of various aspects of E-Mail Security.
	PO1	1	Slightly the students will be able to apply the knowledge of mathematics and engineering fundamentals for getting acquainted with various aspects of Web Security.
)-6	PO3	3	Strongly the student will be able to design solutions for complex engineering problems that meets the specified needs with appropriate consideration for the public safety using the knowledge of various aspects of Web Security.
	PSO2	2	Moderately the student will strengthen the ability to use open source tools for modeling and simulation to solve technical problems using knowledge of various aspects of Web Security.

Cu

Post engay porti

Alcenta to dense



Dr. D. Y. Putil Encorledge City. AREINNYA DY PARIL SCHOOL OF ENOINEERING Charboli Bk., Vis. Lobegion, Pune - 412 105. Department of ERTC Engineering AJEENKYA CO-PO-PSO Attainment Academic Year:2022-23 Name of Subject Teacher: Dr. Sunjay Koli Direct Assessment (External) (70%) University Examp (IDA) Subject Result | PROBATW Internal
Leste 19%
Continue
Assessment
+60% Univ
result(Elify-10%
Univ eral result CO No. % Result of PR / OR / TW Course Exit Survey 2.80 100 00 1.0 1 6200 3.6 CO-3 for Ciphers N5.71 3.0 2.4 62.00 3.0 252 \$10.00 3.6 2.4 92.86 Evaluate different Message Authentication Algorithms and Hash Functions 3.6 2.36 2.2 NK 10 34 62.00 3.0 Marks >= 60: Level 3 Marks >= 50: Level 2 Marks >=40: Level 1 Mapping Criterias -->



Al	EENKYA		AJEENKYA I	Y PATIL	SCHOOL OF	ENGINEE	RING											on, Pune -4		dices"	,	QAC Form	Nov/39						Dr	D. Y. Puti	Knowledge (City, Charb	M Bk., V
C Pre	Class	ALCONO.	со	POI	Attainme	PO2	Attainme	PO3	Attainme	PO4	Attainme	P05	Attainme	РОб	Attainme nt	P07	Attainme	PO8	Attainme	PO9	Attainme nt	PO10	Attainme nt	PO11	Attainme nt	PO12	Attainme nt	PSO1	Attainme nt	PSO2	Attalame nt	PSO3	Attain
3	(Div) &	CO No.	Attainment	POI	nt		nt		nt		nt	1,500	700"	5200		THE PARTY			100000000000000000000000000000000000000			ESTERNA DE	AND DEP	W CONT	10000000	and the second	MARKET SERVICE	2.00	2.00	LICE SERVICE		W. 655	11111111
1	Subject		A SECTION	3.00	3.00	1.00	3.00	resultant	建筑市品等 集	104120			Concess at	Thursday, St.	a hill of the		3.76		And the second		THE RESERVE OF THE PERSON NAMED IN	48.5.551	Verifica	alun un en en en		Diam'r.	VI SVACE			3.00	3.00		-
		CO-1	2.52	2.00	3.00	3.00	3.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	500 4 4 4 6 4	12200000	OR STATE OF		ranches El	CONTRACTOR OF	STREET, STREET,	SHEETING.	100000		Saralies			- 10 5	3.00	3.00		10000
		CO-2		3.00	3.00	3.00	3.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00		CHARACTER	12.5	10 00000		111111111111111111111111111111111111111	Section 2	21630318305		of section and a	E-ENO 1995			The second	3,00	3.00		SPILLS.
	12	CO-3	2.52	3.00	3.00	3.00	3.00	SERVICE S	Carplan Builder	1.00.	1.00	2.00	2.00	2.00	2 00	III, VEDE	A STATE OF THE SEC	CERTIFICATION		4		10000	NEW PRINCIPLE	CHEST STATE		SEAL CO.	HESTERN.			2.00	2.00		Contract Contract
	TE (A)-	CO-1	2.52	C. P. 1000	The state of the s	3.00	3.00	Section 1	THE PROPERTY.	No. of Contract of			A Proportion of the	35,000	N BENEFIT OF	450111111	100 mm						MARKET BY		No. of Contract of	emolatect	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	and the later		2.00	2.00	A CONTRACTOR OF THE PARTY OF TH	
8	NS	CO-5	2.36	1.00	1.00	3.00	3.00		i i i i i i i i i i i i i i i i i i i	Purple	nainment	Ave A	ttainment	Ave. A	ttainment	Avg. A	ttainment	AVE. A	ttainment		Itainment		tainment		Attainment	Avg. Att		Avg. At			SO-2	Avg. At	nairumen PSO-3
	14				PO-1		ttainment PO-2	of	PO-3	of	PO-4	of	PO-5	of	PO-6 2.09		PO-7	of	PO-8	of	PO-9	of I	O-10	OI.	PO-11		-12	2	arteria de la constitución de la		60	99.48	4000



Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Engineering Sciences

Course Outcomes (COs): Form No. IQAC/36 Academic Year.:2022-2023 Subject: Cloud Computinig Semester:I Class: BE Name of Subject Teacher: Prof.Shirsath M.A. Div:A

CO No.	BT level	Students will be able to
CO-1	3-Apply	Understand the basic concepts of Cloud Computing
CO-2	3-Apply	Describe the underlying principles of different Cloud Service Models
CO-3	3-Apply	Classify the types of Virtualization
CO-4	3-Apply	Examine the Cloud Architecture and understand the importance of Cloud Security
CO-5	4-Analyze	Develop applications on Cloud Platforms
CO-6	2-Understand	Evaluate Distributed Computing and the Internet of Things

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be

able to completion of Unit"

Hipsath M.A ect Teacher

Dr. Saniya Ansari

Head, Engg. E&TC Dept.

Head Department of E&TC Engg. Dr. D. Y. Patil School of Engg. Charholl (Bk), Vla Lchgaon, Pune



Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: https://dypsoe.in/

Department of Engineering Sciences

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2022-23

Subject: Cloud computing

Name of Subject Teacher: Prof.Shirsath M.A.

Semester: I

Class: BE

Div: A

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	3-Apply	3		3			2	3					2	NA	NA	NA
CO-2	3-Apply	3	3		2	3		2					2	NA	NA	NA
CO-3	3-Apply	3	3	3	2	2	2	2		3				NA	NA	NA
CO-4	3-Apply	2	2	3	2	3	3	3						NA	NA	NA
CO-5	4-Analyze	3	3	3	3	3	3	3		3	2		2	NA	NA	NA
CO-6	2-Understand	3	3	3	2		2	3			2	1	2	NA	NA	NA
Average		2.83	2.80	3.00	2.20	2.75	2.40	2.67		3.00	2.00	1.00	2.00		- 4	.
Rounde d off		3	3	3	3	3	3	3		3	2	1	2			

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Physical Policy Colors of the Colors of the

Prof.Shirsath M.A Subject Teacher Patil School of Angineering Engineering Pure

Dr. Saniya Ansari Head, Engg. E&TC Dept.

Head
Department of E&TC Engg.
Dr. D. Y. Patil School of Engg.
Charholi (Bk), Via L@gaon, Pune

Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pone -412 105 10 Website: https://dypsoc.in/ Form No. IQAC/36 CO-PO-PSO Attainment Academic Year: 2022-23 Subject: CC Name of Subject Teacher: Prof.Shirsath M.A. External) (70%) Direct Assesment (Internal) (30%) Subject PRODUTE Mapping of (IDA) ent Weighta PO1 linii PO2 linii PO3 linii PO4 linii PO5 ain me linii l (20% % e Exit Mappin ge (80% Resul texts+10% Statement of CO Mapp resul Mapp tof Mapp ing tof ing PR/ Sub. OR/ CO No Continous Mapp CA Assessment +60% Univ result(TH) 1 3 3 13 79.39 14.71 92.30 3.0 0.0 3.0 72.05 3-Apply ### CO-1 Simplify Boolean Expressions using K Map 12 37 2 78.18 3.0 92.30 3.0 13 3.0 72.05 CO-2 Design and implement combinational circuits. 3-Apply ### 2 2 2 12.37 84.24 3.6 #### 0.0 92.30 3.0 3.0 72.05 3 3 3-Apply 5 CO-3 Design and implement sequential circuits. 2 87,88 3.0 #### 0.0 92.30 3.0 CO-4 Develop simple real-world application using ASM and PLD. HUNN 3.0 72.05 2 3.0 75.76 0.0 92.30 3.0 #### 3.0 72.05 CO-5 Differentiate and Choose appropriate logic families [4-Analyze Attainmen Attainment Attainment Attainmen Atta 92 30 3.0 0.00 0.0 Explain organization and architecture of computer 3.0 72.05 Marks >=40; Level 1 Marks >=50: Level 2 Marks >=60: Level 3 Mapping Criterias -->

Head

Department of EATC Engg.

Dr. D. Y. Patil School of Engg. Champii (8k), Via - gaon, Pone





Empowerment Through Quality Technical Education

Ajeenkya Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Knowledge City,

Charholi (Bk), Lohegaon, Pune – 412 105

Website:

https://dypsoe.in/

Department of E&TC Engineering

Academ	ic Year.:2022-2	3 Course Outcomes (COs):		Form No. IQAC/36
Subject: Name of		er: Prof. Shital Patil	Class:BE	Semester: I Div:A
CO No.	BT level			Divin.
CO-1	6-Create	Develop effective HDL codes for digital design.		
CO-2	2-Understand	Apply knowledge of real time issues in digital design.		
CO-3	4-Analyze	Model digital circuit with HDL, simulate, synthesis and prototype in PLDs.		
CO-4	6-Create	Design CMOS circuits for specified applications.		
CO-5	4-Analyze	Analyze various issues and constraints in design of an ASIC.		
CO-6	2-Understand	Apply knowledge of testability in design and Build In Self Test (BIST) circuit.		

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after



Prof. S. S. Patil (Subject Teacher)



Chamad HOD

Principal Ajeenkya DY Patil School of

Engineering, Lohegaon, Pune

E&TC Engineering



Academic Year:2022-23

Subject:VLSI

Empowerment Through Quality Technical Education

Ajeenkya Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: I

Class:BE

Div: A

Name of Subject Teacher: Prof. Shital Patil

PC				uitai Pa	iui	a area						al Piccolary			DIV. A	
CO	BT LEVEI	L PO	PO	PO3	PO-	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO:
CO-1	6-Create	1		3				2			A HALL	2	2		a pre	
CO-2	2- Understand	2	3				2							2	2	2
СО-3	4-Analyze			3		2					1			•	2	
CO-4	6-Create			2		2										2
CO-5	4-Analyze		2	1	2										1	2
CO-6	2- Understand	İ														1
Average		1.33	2.50	2.25	2.00	1.67	2.00	2.00							1	2
ounde off		2	3	3	2	2			2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		1.00	2.00	2.00	2	1.33	1.80
80	(Str	ength	of Cor	relation): 3-St	ro	Medi	ım; i	eak, K	Ceep Bl	ank-if]	No Cor	ellation	-	*	2

Engineering

anegani Pune

E&TC Engineering Ajeenkya DY Patil School of Engineering Lohegaon, Pune

	A JENNEYA Pi kat bilan diagnossy																	Ajcenk	Dr. Dr. Dr. Dr. Dr. Dr. O. Chacholi (I	Y. Par Y. Pont Sc). Lede feate: htt	in School Encurated point, Pare pulltypoon &TC En	of Engl City, -417 105	neering																
d ject:	e Year:2022-23 VLSI Subject Teacher:Shital Patti		-															CO-PO	P80 A	talmuse	est									For	r No. IQAC	ONS	344				8	aneser (
		Ricease Tasasses		Direct A		,) M	Subje				Direct Assessment (D.) Mapping of		t Assessment (IBA)	CO Alfalon	-																			Cass		Dry	1
O No.	Statement of CO ₂		Suesa Mirc Yest	vn	UT 2 34		a	Mapping	ne seek	Magaz	% Result		(1996 Internal lesin+1896 Continuos Assessment neath, Einty creati(TH)+ LDS Univ oral result	Control Exil Survey	Mapping	Weighte (80% D. 20% ID	· 1888	Alfala	FOR A		NG3 AII.	Jena Jena	Assault Care	yes an	tai era Pus	Artai ************************************	P-37 ARE	ela Por	Altala Toras	F 100 AT	da rou	Attala sent	rou '	Attain posit	Affale ursi	Pior	Alash sest	San Assa	- ,
VΙ	Develop affective HDF, codes for digital design.	6 Charte	13.60			2.0	71.24	3	63.46		100.00	10	3,86	76.97	3.0	3.00		1			, ,						2						2	3 2			,		+
04	Apply knowledge of real time issues in digital design.	24 Indentors		31.56		11.0	71.25	,	63.46	3.0	100,00	34	2.4	79.91	1.6	2.52			,	3		П			1											2	,	2 2	
63	Model digital elecuit with HDL, simulate, synthesis and prefettype in PLDs.	4-Analyze		41.84		1.0	71.29	2	63.46	3.4	192.98	3,6	2.6	71.72	2.0	2.68					, ,			2								,							
0.4	Design CS805 circuits for specified applications.	6-Crease			4.85		71.25	3	61.45	70	10000	3.0	2.4	34.86	3.6	2.52					2 2																#		
01	Analyze various issues and constraints in design of on ASIC.	4-Analyze			0.53		79.19	,	e3.46	3.6	100.00	3.0	ы	76.11	1.0	2.52			2		;†;	2	,															+	H
0-5	Apply knowledge of festability in design and Build In Self Year (1983)) circuit.	2-Understand			136		71.29	,	6.65	24	109.00	3.0	и	ודינו	1.4	2 68		Sec. 1																				1 1	
	Mapping Criterias →			,	taria >	-60; L	evel 3	,	larks>	-50: L	rvel 2	M	uks >~40: Le	rel 1	1437	N/		75 ment PO-1	Avg. Attenues of PO-		Arg. Change est of PO-3	Arg Attains	nent .	Arg. Attainment of PO-5	Aras	KNOK.	Avg. Attainment of PO-7	Ana	PO-8	Alterment of FO-9	Attai	MS. FERMINIST	Arg. Artainer	nert At	Avg. turnment	Ang Attains of PS	nort /	Ang Attainment of 190-2	N N

Prot. S. s. Patil (Subject Teacher)

Patil School of Engineering Engineering **

Lokepson, Pure **

HOD
E&TC Engineering
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune





Academic Year: 2022-23

Empowerment Through Quality Technical Education

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: II

Subject: Signals & Systems (204191)

Name of Subject Teacher: Prof. Ashwini Bagde

Div: B

РО	Subject Teach	er; Proi	ASHWIF	ii Bagde										Class: S	E	
_co	BT LEVEL	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PSO1	PSO2	PSO
CO-1	2- Understand	3	2											2		
CO-2	3-Apply	3	2			1								1	1	
CO-3	4-Analyze	3	3			1								1	1	
CO-4	4-Analyze	3	3	2		2								1		
CO-5	3-4-14y	3	2													
CO-6	2- Understand	2														
Average		2.83	2.40	2.00	37	1.33				1541230		H 7 2 2 3 3 3	RIGHES PICTURE	CONTACTOR	F IEMPORTANCE.	
Rounde d off		3	3	2		2				•	2-25-4-5		F 1614	1.25	1.00	
		(Stren	gth of Co	orrelatio	on): 3-S	trong, 2	-Mediu	m, 1-W	eak, Ke	ep Blan	k-if No (Corellat	ion	2	1	

Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Leve	Justification for CO-PO Mapping.
			Justification of Mapping
	PO1	3	Strong knowledge of signals, their types, system and their types, CT and DT signals and systems, operations on signal
CO-1	PO2	2	Student can identity the type of signal and system, modify the signal as per analysis
	PSO1	2	student can understand the fundamental of signals and system and can design a basic system
	P01	3	strong understanding of signal, types and convolution between two signals
	P02	2	They can analyze the signal and perform the convolution
CO-2	PO5	1	Modern tools like simulink, MATIAB, who all the convolution
	PSO1	1	Modern tools like simulink, MATLAB, virtual LAB, SCALA etc can be used for operations
10	PSO2	1	student can understand the fundamental of signals and system and can design a basic system
	P01		With the help of tools, student can perform operations on signals and can understand and solve problem
		3	strenge of fourier series and transform, frequency domain, amplitude and phase and
-	PO2	3	attitlent can convert the signal into frequency domain and analyze their properties
CO-3	P05	1	virtual lab, simulink , MATLAB can be used to perform FT and FS
	PSO1	1	Strong unerstanding of FS and FT can help student to understand communication
	PSO2	1	Matlab, Scala etc tools makes it easier to perform FS and FT, also issues can be resolved quickly
	P01	3	Strong knowledge of laplace transform, advantages of LT, properties of LT, S-domain, poles and STOS an
	PO2	3	rearrange the element to make it stable
CO-4	P03	2	Student can decien the state
	P05	2	Matlab, Scala, Virtual lab etc can be used for LT and ILT operations
	PSO1	1	Strong unerstanding LT can help student to understand LTI stable system
00-5	PO1		Strong knowledge of probability, random variable, random experiment, random signal, CDF and PDF
	PO2	2	Student can find probability of continue of the student can find can fin
20-6	PO1	2	Basic understanding of mean constant resident and PDF also
	do	1	Basic understanding of measures walue, avgorites, std deviation etc.

E &TC

Prof. Ashwini Bagde Subject Teacher

Pfincipal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

30



Empowerment Through Quality Technical Ed

Ajeenkya D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge Gry, Charholt (Bk), Lohegaon, Pune – 412 105
Website: https://dypsocin/

Department of E&TC Engineering

CO-PO-PSO Attainment

Form No. 1QAC/36

Academic Year: 2022-23 Subject: Signals & Systems

Nam	e of Subject Teacher: Prof. Ashwini Bagde			I land								3		PERSONAL PROPERTY AS				No. 201 10 AND 10 A	78								-			THOSE SHE						Div:	В	_
		Blooms		Direct A	ssesment	(Intern	al) (30%)			nent (Ext iversity Ex		t Asses		Indi		CO Attai	ned/ Notat taine																			13 34	
со		у	Unit Te	st		(20%)		A 9%)	Sub Re:	ject sult	PR/OR (10		Mapp ing of (20%		(10		nmen		A	tt .	Att	Att		Att	Att	Att		u	Att	Att	A	tt	Att	Att	Att		Att	Att
No.	Statement of COS		Summat ive Test	UT1	UT 2	Mapp Ing	CA	Mappin g	% result of Sub.	prapp	% Result of PR / OR / TW	ing	Internal tests +10 %	CO ATTA INME NT STAT TARGIUS	Course Exit Survey	Mapp Ing	DA+	1	101 m	10000	ain me nt	ain me nt	PO4	me nt	me nt	POS ain me nt		ne nt	Att ain me nt	nt	PO16 m	ne PO1	me nt	ain me nt	me		ain PSI me nt	me nt
CO-1	Identify, classify basic signals and perform operations on signals.	2-Underst	64.29			3.0	67.52	3	41.66	1.0	100.00	3,0	1.80	1.75 Attained	76.73	3.0	2.04	2.00 Attain	3	z z	2		Tall the										H		2 2			
CO 2	Identify, Classify the systems based on their properties in terms of input output relation and in terms of impulse response and will be able to determine the convolution between to signals.	3-Apply		63.33		3.0	67.52	3	41.66	1.0	100.00	3.0	1.8	1.75 Attained	77.36	3.0	2.04		3	1 2	2			1	1										1 1	1	1 -	
CO-3	Analyze and resolve the signals in frequency domain using Fourier series and Fourier Transform.	4-Analyze		70.00		3.0	67.52	3	41.66	1.0	100.00	3.0	1.8	1.75 Attained	78,62	3.0	2.04	2.00 Attain	3	3 3	3			1	1										1 1	1	1	
CO-4	Resolve the signals in complex frequency domain using Laplace Transform, and will be able to apply and analyze the LTI systems using Laplace Transforms.	4-Analyze			66.67	3.0	67.52	3	41.66	1.0	100.00	3.0	1.8	1.75 Attained	76,73	3.0	2.04		3	3	3	2 2		2	2			THE STATE OF THE S							1 1			
co-s	Define and Describe the probability, random variables and random signals. Compute the probability of a given event, model, compute the CDF and PDF.	3-Apply			68.75	3.0	67.52	3	41.66	1.0	100.00	3.0	1.8	1.75 Attained	79.87	3.0	2.04	2 00 Attains	3	2	2																	
co-6	Compute the mean, mean square, variance and standard deviation for given random variables using PDF.	2-Underst	and		72.92	3.0	67.52	3	41.66	1.0	100.00	3.0	1.8	1.75 Attained	80.50	3.0	2.04	2 00 Attains	2	2																		
	Mapping Criterias>		N		,	farks >:	:60: Le ve	13	Marks >	=50: Le	vel 2	Mark	s>=40	l: Level I				^	Attainment o	f nt	of	Attainment of		of no		Attainme nt of	Attain nt	me At		AVE. Attainme nt of	Attains nt c	ne Att	tainme A	Alg Artainme at of	Attainment of	Attair	of a	Avg. ttainme it of

Prof. Ashwini Bagde Subject Teacher





Principal
Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Semester: II

Class: SE



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D.

Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

		Course Outcomes (COs):		Form No. IQAC/36
Subject: V		: Prof. Kalpita Mane	Class:ME- I	Semester:01 Div:
CO No.	BT level	Students will be able to		
CO-1	2- Understand	To understand basic WSN Technology and its supporting Protocols		
CO-2	3-Apply	To learn routing protocols and their design issues in WSN		
CO-3	3-Apply	To understand sensor- management, sensor- network middle ware and operating	g systems	
CO-4	2-Understand	To understand WSN layers' issues and their protocols		
CO-5				
CO-6				

in case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. Kalpita Mane Subject teacher Patil School of the Batton of

Dr. S. C. Inamdar HoD

HOD
ESTC Engineering
Ajeenkya DY Patil S Agentya DY Patil S Agenty
Lohega Agenty



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2022-23

Semester:01

Subject: WSN

Class: ME-I Div:

Name of Subject Teacher: Prof. Kalnita Mane

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	P()9	PO10	POH	PO12	PSOI	PSO2	PSO3
CO-1	2- Understand	3	3	2	1	2								2	3	3
CO-2	3-Apply	2	2	3			1	1		100/100				2	3	
CO-3	3-Apply	3	3		Made									2	2	
CO-4	2- Understand	3	2											3		2
CO-5	0															
CO-6	0															
Average		2.75	2.50	2.50	1.00	2.00	1.00	1.00						2.25	2.67	2.50
Rounde d off		3	3	3	1	2	1	1						3	3	3

Justification for CO-PO Manning.

CO No.	PO/PSO	Level	Justification of Mapping
	PO1	2	Moderately having the Knowledge of the fundamental concepts of Digital system students can define logic
CO-1	PO2	3	Strongly the students can use the basic logic gates knowledge and various reduction techniques of digital
CO-1	PO5	1	Slightly the student will become aware of the primary components of a digital system.
	PO11	1	Slightly the student will recognize the need for, and have the preparation and ability to engage in
	PO12	2	Moderately the student will become aware of the need for lifelong learning and the continued upgrading o
	PSO1	1	Slightly students can strengthen the ability to solve technical problems and understand the fundamentals of
	PSO2	3	Strongly the students can inculcate the skills to manage and lead a team contributing to development of
	PO1	3	Strongly having the Knowledge of the fundamental concepts of broadband communication system that
7,104,3	PO2	2	Moderately the student will analyse System architectures, Point to point links of light wave system
CO-2	P06	1	Slightly the student using the knowledge of Point to point links and can design and develop solutions for
(0-2	PO12	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of
	PSO1	1	Slightly Understand the fundamentals of designing electronics circuits for applications like digital systems
	PSO2	3	Strongly the students can strengthen the ability to use open source tools for modeling and simulation of
	PO1	3	Strongly the students will apply the knowledge to design the combinational logic circuits x
CO-3	PO2	2	Moderately the student will know Principles of mathematics and engineering sciences used in various
CO-3	PO3	2	Slightly the student using the knowledge of digital system, and device and device and distinct the student using the knowledge of digital system.
	PSO1	3	Slightly the student using the knowledge of digital system, can design and develop solutions for complex slightly the student will study of fundamental concepts of digital system to analyse and develop small mode.
	PO1	3	Strongly having the Knowledge of the basics of sequential circuits students will be able to design the digital
100	PO2	3	Strongly students will identify sequential circuits
CO-4	PO5	1	Slightly the student using the knowledge of orbital mechanics and the look angles, can design and develop
Co.	PO12	2	Moderately having Knowledge of squential circuits can be used to conduct experiments in real life problem
	PSO1	2	Slightly students will study of fundamental concepts of sequential circuits to analyze the digital systems
re nove	PO1	2	Moderately students will apply the knowledge of the fundamentals of Moore and mealy machine to desig
CO-5	PO2	3	strongly the student will inculcate the skills to manage and lead a team contributing to development of
CO-5	PO5	2	Moderately students will study of fundamental concepts of ASM to analyse and develop systems and
	PSO2	1	Slightly students will strengthen the ability to use open source tools for modeling and simulation to solve
	PO1	2	Moderately students apply subject understanding in PLDs.
CO-6	PO2	3	Strongly students apply the knowledge of PLA and PAL for design and development solutions for complex
0.0-0	PO5	1	Slightly students will apply knowledge of memorial selevant to the professional engineering practice.
	PSO1	2	Moderately studens will understage the land of the mories for applications of digital systems

Prof. Kalpita Mane

Dr. S. C. mamdar

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

33



Topose and the achievation technical education

A topose and the achievation of the second of the se

TO THE OWNER OF THE PARTY OF TH

CO-PO-PSO Attainment

F-rm No. 10AC/M

Senester 1

Subject: WSN Name of Subject Teacher: Prof. Kalpita Mane

Acodemic Year 2022 23

Direct Assessment (Enternal) (78%) Direct Assessment (Internal) (30%) co (IDA) Unit Yest Mapping of (20% Internal testy 10% Continues Assessment rooffs I no CO No. Statement of COs Result of PR / OR / TW Course East Survey Weightage (90% DA+ 20% IDA) ULI Mapping CA Mapping result Mapping result(TH)+ 10% Unit ord result To understand basic WSN Technology and its CO-1 5 Undersond 83.33 93.33 100.00 3.9 3.00 0.0 2.40 apporting Profeculs To learn routing protocols and their design issues CO-2 83.33 E-Apph 93.23 3.0 3.0 3.0 3.00 0.0 2.40 CO-3 L-Apply \$9,00 93.33 103.00 3.0 2.00 1.92 ctwork middle ware and operating systems o understand WSN tayers' issues and their CO-4 Mindensond 83.33 93.33 100.00 3.6 100,00 3.0 2.4 3 80 .. 1.92 CO-5 iii 66.67 3.0 95.31 3.0 100,00 311 3.00 0,0 2.40 CO-6 100.00 3.9 100,00 93,33 3.0 5.41 2.00 0,0 2.40 Aug. Aug. Aug. (Aug. Aug. (Aug. Aug. (Aug. Aug. (Aug.
 Avg.
 <th Mapping Criterias --> Marks >=60: Level 3 Marks >=50: Level 2 Marks >=40, Level I

Prof. Kaloita S. Marie



Lohegaon Thung



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D.

Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

Academi	c Year.:2022-2	Course Outcomes (COs):	Fo	rm No. IQAC/36
Subject:	Digital CMOS		Class:ME- I	Semester:01 Div:
	BT level	Students will be able to		
CO-1	2- Understand	Understand the fundamentals of CMOS Technology in Digital Domain		
CO-2	3-Apply	Explore the skills of designing digital VLSI		
CO-3	3-Apply	Demonstrate the ability of using EDA tools in IC Design		
CO-4				
CO-5				
CO-6				

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. Kalpita Mane Subject teacher





Dr. S. C. Inamdar HoD



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. 1QAC/36

Academic Year: 2022-23 Subject: Digital CMOS Design

Semester:01

Name of Subject Teacher: Prof. Kalpita Mane

Class: ME-I Div:

	200	N ING		2.15	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO	I PSO	PSO
2- Understand	3	2	3	2	2										104-0
3-Apply	2	3	2			1	1						Salari		3
3-Apply	3	2											2	2	3
0						SIZ-SI	100000				B-01/20		3	3	
0					1000000						36443			in a structural to	
0															
	2.67	2.33	2.50	2.00	2.00	1.00	1.00					ASIETE -	2 -	5 <u>2</u> 63288	Manysar
	3	3	3	2	2	1	1 ım, 1-V						•	3	3.00
	BT LEVEL 2- Understand 3-Apply 3-Apply 0 0	2- Understand 3 3-Apply 2 3-Apply 3 0 0 0	BT LEVEL PO1 PO2 2- Understand 3 2 3-Apply 2 3 3-Apply 3 2 0 0 0 2.67 2.33	BT LEVEL PO1 PO2 PO3 2- Understand 3 2 3 3-Apply 2 3 2 3-Apply 3 2 0 0 0 0 0 2.67 2.33 2.50	BT LEVEL PO1 PO2 PO3 PO4 2- Understand 3 2 3 2 3-Apply 2 3 2 3-Apply 3 2 0	BT LEVEL PO1 PO2 PO3 PO4 PO5 2- Understand 3 2 3 2 2 3-Apply 2 3 2 3-Apply 3 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 2-Understand 3 2 3 2 2 3-Apply 2 3 2 1 3-Apply 3 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 2- Understand 3 2 3 2 2 3-Apply 2 3 2 1 1 3-Apply 3 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 2- Understand 3 2 3 2 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 2-Understand 3 2 3 2 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 2- Understand 3 2 3 2 2 1 1 1 3-Apply 2 3 2 1 1 1 3-Apply 3 2	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 2- Understand 3 2 3 2 2 1 1 1 3-Apply 2 3 2 1 1 1 3-Apply 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 2- Understand 3 2 3 2 2 1 1 1 3-Apply 2 3 2 1 1 1 3-Apply 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PSO 2-Understand 3 2 3 2 2 1 1 1 2 2 3-Apply 3 2 3 2 1 1 1 2 2 3 Apply 3 2 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3	BT LEVEL PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PSO1 PSO2 2-Understand 3 2 3 2 2 1 1 1 1 2 2 2 3-Apply 3 2 3 2 1 1 1 2 2 2 0 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3

		Justification for CO-PO Mapping.
80	Level	Justification for CO-PO Mapping.
	2	Justification of Ma Moderately having the Knowledge of the fundamental concept
	3	Strongly the students can use the basic logic gates knowledge

CO No.	PO/PSO	Lev	Justification for CO-PO Mapping.
	P01	2	
CO-1	PO2	3	Moderately having the Knowledge of the fundamental concepts of Digital system students can define logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the basic logic gates knowledge and the logic strongly the students can use the logic gates knowledge and the logic gates are strongly the students can use the logic gates knowledge and the logic gates are strongly the
00-1	PO5	1	Strongly the students can use the basic logic gates knowledge and various reduction techniques of digital system students can use the basic logic gates knowledge and various reduction techniques of digital system students will become aware of the primary composers to the student will become aware of the primary composers to the students will be students as a second secon
	PO11	1	Slightly the student will become aware of the primary components of a digital system.
	PO12	2	Slightly the student will recognize the need for, and have the preparation and ability to engage in
	PSO1	1	Moderately the student will become aware of the need for lifelong learning and the continued upgrading of Slightly students can strengthen the ability to solve technical problem.
	PSO2	3	Slightly students can strengthen the ability to solve technical problems and understand the fundamentals Strongly the students can inculcate the skills to manage and lead a towns at the fundamentals
	PO1	3	Strongly the students can inculcate the skills to manage and lead a team contributing to development of
	PO2	2	Strongly having the Knowledge of the fundamental concepts of broadband communication system that Moderately the student will analyse System architectures. Point to
CO-2	PO6	1	Moderately the student will analyse System architectures, Point to point links of light wave system Slightly the student using the knowledge of Point to point links and the student using the knowledge of Point to point links and the student using the knowledge of Point to point links and the student using the knowledge of Point to point links and the student using the knowledge of Point to point links and the student using the knowledge of Point to point links and the student using the studen
	PO12	1	Slightly the student using the knowledge of Point to point links and can design and develop solutions for
	PSO1	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of
	PSO2	3	Slightly Understand the fundamentals of designing electronics circuits for applications like digital systems
_	PO1	3	Strongly the students can strengthen the ability to use open source tools for modeling and simulation of
CO-3	PO2	2	Strongly the students will apply the knowledge to design the combinational logic circuits Moderately the student will know Principles of mothers and simulation of the student will know Principles of mothers.
_	PO3	2	Moderately the student will know Principles of mathematics and engineering sciences used in various Slightly the student using the knowledge of digital system, can decide and
	PSO1	3	Slightly the student using the knowledge of digital system, can design and develop solutions for complex
	PO1	3	Slightly the student will study of fundamental concepts of digital system to analyse and develop small mode. Strongly having the Knowledge of the basics of sequential circuits students with the students and develop small mode.
	PO2	3	Strongly having the Knowledge of the basics of sequential circuits students will be able to design the digital students will identify sequential circuits.
20-4	PO5	1	Slightly the student using the linearly sequential circuits
	PO12	2	Slightly the student using the knowledge of orbital mechanics and the look angles, can design and develop Moderately having Knowledge of squential circuits can be used to see the look angles.
	PSO1	2	Moderately having Knowledge of squential circuits can be used to conduct experiments in real life problems Slightly students will study of fundamental concepts of sequential significance.
	PO1	2	Slightly students will study of fundamental concepts of sequential circuits to analyze the digital systems. Moderately students will apply the knowledge of the fundamentals of the fundamentals of the fundamentals.
0-5	PO2	3	Moderately students will apply the knowledge of the fundamentals of Moore and mealy machine to design strongly the student will inculcate the skills to manage and lead a team southile.
	PO5	2	strongly the student will inculcate the skills to manage and lead a team contributing to development of Moderately students will study of fundamental concepts of ASM as
	PSO2	1	Moderately students will study of fundamental concepts of ASM to analyse and development of Slightly students will strengthen the ability to use open source took for the students will strengthen the ability to use open source took for the students.
	PO1	2 1	Slightly students will strengthen the ability to use open source tools for modeling and simulation to solve
0-6	POZ	3 9	trongly students apply the knowledge of PLAs.
	PO5	1 5	itrongly students apply the knowledge of PLA and PAL for design and development solutions for complex slightly students will apply knowledge of memories relevant to the new forms.
	PSO1	2 N	lightly students will apply knowledge of memories relevant to the professional engineering practice.
	R		Moderately studens will understand the fundamentals of memories for applications of digital systems
	many 1)		and the second second

Prof. Kalpita Mane



Principal Ajeenkyp " Patil School of

egaon, Pune

	8												ARTSKY	ater Pa	TH SCH	x ii +5 1 5	1 11	Rior S Olymni	D V. I	Sat of Minn	- Hide	ali mation Città d'Iller 2	uliot, tra	Vo.1	isopa in	Prince of	12 (6)			10								
-					-	700											(0-	PO-PSO	Mainne	at									F	um No. E	MC/34		_			-	mester 1	
der C	Vrar. 2022-23 Sigital CMOS Design Subject Tracture: Prof. Kalgota Moss					heart la										All III-A																1			Chs M		Dec	
		Risman. Tictorency	Unit 1	1000	Assessment	(Introde		ra.	Nabjec	Urineni Kesuli	Piter	UTW	Direct Assessment (DA)	Indirect	Cocument DA)	CO Attalement																						
O Na.	Statement (4) 15.		en	ET:	173			Mapping		Mapping	S. Headt of PR 2	Mapping	Mapping of (20% Internal feats-10% Continues Assessment +66% Unix result(TH)+ 10% Universal result	Emen Est Survey	Mapping	Weightage (80% DA+ 20% DA)	POT	Attach p	Artsir	PCU	Artoin ment	PO4 Altai	ros	Artai nears	TO PROPERTY	. POT	Attack	PON Afficient	1430	Attain p	Old Attain	ron	Affair	POIZ ARM	PSON	Attain an	Sht Attai	e rscu
0-1	Understand the fundamentals of CARS Technology in Digital Domain	2.1 Wontand	83.73			3,0	76.00	3	94 In	3.0	100,00		3.01	3.00	4.5	; br	3	,	2	3		2 2	2	,											3	,	3 3	
00-2	Explory the stalls of designing august VLSF	3-herby	83.33			24	94.00	,	94.10	3,0	10000		3,0	3.60	••	: 4-		2	,	2	1				1 1	1	1								2	3	2 2	3
CO-1	Demonstrate the ability of using 1,DA units in IC Design	3-lenb		88,67		**	74.00	1	Sale	1.	loute		2.4	2,66	**	1/2	,	2	1																,	3	3 :	
10-4	•	,		10.00			54.00		94 16		100.00	1.0	24	1.06	**	142																						
00.5		0			ML 57	1.0	96.00	1	94.16	1.0	20400	3,0	34	1,04	0.0	241																						
x0-6	•	a.			160 90		96.00	,	64.76	, so	tonon	1.0	10	1.00	0.9	2.40																					Ang	
	Mapping Cestorias				Marks	-60: Le	4.3	Mar	lo -5	Level		Mark	a>⊶40 lend	1				Na.	Arturnes of PO-2	nt. Auto	toy sirrari Po 3	high sharester of Phi-4	Act.	Mg Haymort (N L-)- 2003	(Arg. (Automore (E.19)-6 (1.00)	d Affina	ry. neverti	Arthurption of PO/	Atten	erecit (Y)-it	Arg. Attenment of PO-10	et Ass	Arg. Harriston. C 113-13	of PO-12	nent 7000	psiki	Atturner of PS 1. 2.33	THE ART

Kalpita Mane Subject Teacher

Patil Schon of Engineering Engineering Tohegaon, Pune

Dr. Sharan Inamdar HoD





Dr. D.

Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

		Course Outcomes (COs):		Form No. IQAC/39
Subject: .	c Year.:2022-23 Analog CMOS Subject Teache	Design	s:ME-I	Semester:02 Div:
CO No.	BT level	Students will be able to	17 13	
CO-1	2- Understand	Understand design concepts and issues of CMOS amplifiers		
CO-2	3-Apply	Learn different Compensation techniques		
CO-3	2- Understand	Acquire the knowledge of designing of HF and Low Noise Amplifiers		
CO-4			•	
CO-5				
CO-6				

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"







"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/39

Academic Year: 2022-23 Subject: Analog CMOS Design

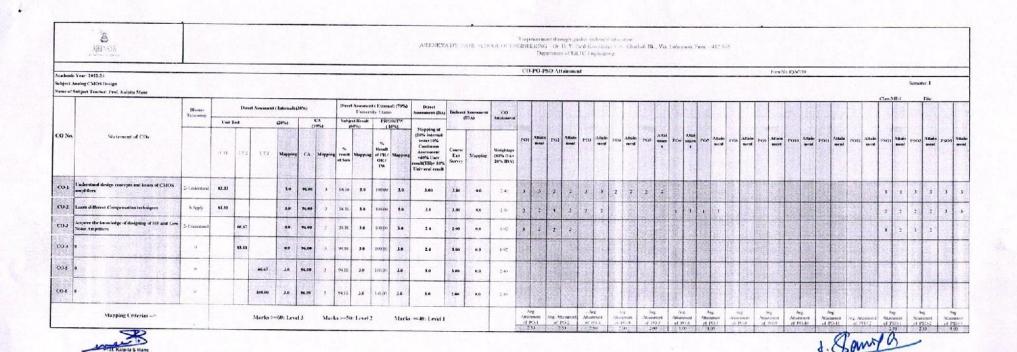
Semester:02 Class: ME-I Div:

Name of	Subject Teach	ner: Pr	of. Kal	lpita M	ane											
PO CO	BT LEVEL	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POLI	PO12	PSO1	PSO2	PSO3
CO-1	2- Understand	3	2	3	2	2								3	3	3
CO-2	3-Apply	2	3	2			1	1						2	2	3
CO-3	2- Understand	3	2											3	3	
CO-4	0															
CO-5	0															
CO-6	0				Nac cité											
Average		2.67	2.33	2.50	2.00	2.00	1.00	1.00		-	-			2.67	2.67	3.00
Rounded off		3	3	3	2	2	1	1						3	3	3

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation













"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D.

Y. Patil Knowledge City. Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

		Course Outcomes (COs):		Form No. IQAC/36
Subject: 1	e Year.:2022-23 Reconfigurable Subject Teache		Class:ME- I	Semester:01 Div: A
CO No.	BT level	Students will be able to		
CO-1	2- Understand	Understand the concept of reconfigurable computing and its integration on con	mputing platforms	
CO-2	3-Apply	Design, implement and analyze reconfigurable systems in the recent application	on domains using H	DL
CO-3	3-Apply	Use advanced EDA tools to simulate and synthesize HDL codes for reconfigur	rable architectures	
CO-4				
CO-5				
CO-6				

syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after

Prof. Prajkata Khairnar Subject Teacher E ATC Engangering Tohegaon, Pure

or. S. C. Inamdar

HoD



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon. Pune – 412 105.

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. 1QAC/36

Academic Year: 2022-23 Subject: Reconfigurable Computing Semester:01

5

Class: ME-I Div:

PO CO	BT LEVEL	PO1	PO2	РОЗ	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POLI	PO12	PSO1	PSG2	PSO3
CO-1	2- Understand	3	3	3	1	2								3	3	3
CO-2	3-Apply	2	2	2			1	1						2	2	
CO-3	3-Apply	3	2		-									2	3	
CO-4	0							ie is								
CO-5	0	ETE I-I		90(7) - (1)			134	No.	V-15			jer Sek				15
CO-6	0															
Average		2.67	2.33	2.50	1.00	2.00	1.00	1.00				-		2.33	2.67	3.00
Rounde d off		3	3	3 rrelatio	1	2	1	1						3	3	3

forman &

Prof. Prajkata Khairnar Subject Teacher 2-Medium, 1-Medic, Reep Bland

O all School of Carlotte Bland

Rechool of C

br. Hamdar

Principal
Aleenbra DV Patil School of



	AJEENKYA										A.	NEY	DY PATE	SCHOOL	Tings s 4 = Notin	FMSGI	through quali Dr. D. Y. Patu ment of F&TC	Knowled	ge City, Class	e з 1 г (k ., ∆	/m Lollega	on, Punc	412 105										
Sr. No.	Class (Div) & Subject	CO No.	CO Attainment	POI	Attainme nt	PO2	Attainme nt	PO3	Attainme nt	P04	Attainme nt	PO5	Attainme nt	POG	Attainme nt	PO7	Attainme	POS	Attainme nt	PO9		POIR	Attainme nt	POH	Attainme nt	PG12	Attainme of	1	ment	PSO2	ment		men
	Daniel (CO-1	2.40	3,00	3.00	3.00	3 00	3.00	3.00	1.00	1.09	2.00	2.00			-			11/2/25		ALCUSES.	CENTER OF		KG.	149						3.00	3.00	3.00
		CO-2	2.40	2.00	2.00	2.00	2.00	2.00	2.00			100	No veneral	1.00	1.00	1.00	1.00		1	D		WELL S	Marie Control	Mark His	11.630			2.00			2.00	-	
	ME	CO-3	1.92	3.00	2.00	2.00	2.00	COMP.				三世世			100	100	0.000				1 128			-				2.00	2.00	3.00	2.00		-
	(Reconfig	CO-1	1.92	52-015-0		alon I p	100 (533	29 Jugg	BE THE	15		1.02	A PERMANE	(Cappeor		2 -010	remarks 19		Programme and		1175/552	DEMONSOR			7,000	135 - 161 - 1		-		0.00		-	
1	urable	CO-5	2.40	Marie X							The state of		LEGINE.												1 110		No. of the last				-	800	ST.
1	Computin	CD-6	2.40	TS FEED	02 (9)(0)	18800	1660000	Name IV	THE TANK	Page 1	CONTROL OF		BULLEVAN	mys at		100		POLICIES V		10			763.6-223	100	1000	Sept of Assess							235
	g)		- 84	of	PO-1	of.	PO-2	of	PO-3	of	PO-4	of	PO-5	of 1	torment it is	of	Hamment PO-7		toinment PO-8		teinment XO-9		O-10		Ramment Stall		ttainment O-12		inment	Avg. Atta of PS	0-2	of PS	SO-3

In R

Prof Frajkata Khairnar Subject Teacher



Dr StC Inamdar





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

Course Outcomes (COs):

Form No. 1QAC/36 Semester:

Academic Year.:2022-23

Subject: Embedded System Design

Class: ME- I

01 Div:

CO No.	BT level	Students will be able to
ÇO-1	2- Understand	Understand attributes of functional units of Network Protocol
CO-2	3-Apply	Design ARM Processor based Embedded Systems
CO-3	3-Apply	Carry out programming in Embedded programming in C, C++
CO-4	3-Apply	Port Linux operating system and device drivers
CO-5		
CO-6		

in case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Dr. Saniya Ansari Subject Teacher

E STr.

Dr. Sharan namdar HoD





"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2022-23

Semester:01

Subject: Embedded System Design

Class: ME-I Div:

Name of Subject Teacher: Dr. Saniya Ansari

PO CO	BT LEVEL	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	POIO	POU	PO12	PSO1	PSO2	PSO:
CO-1	2- Understand	3	2	3	2	2	esta esta esta esta esta esta esta esta					in the second	No. of the	3	3	3
CO-2	3-Apply	2	3	2			1	1						2	2	3
CO-3	3-Apply	3	2		mal to District y	er galesis de						848370		3	3	
CO-4	3-Apply	3	3											2	2	
CO-5	0			y or the							MERICA MARKETON	3 B			PENSON SE	orac and
CO-6	0															
Average	110000	2.75	2.50	2.50	2.00	2.00	1.00	1.00		4.				2.50	2.50	3.00
Rounded off		3	3	3	2	2	1	1						3	3	3

Dr. Saniya Ansari

Subject Teacher

L STC Engineuring Lohegaon, Purk Lohegaon, Purk

Dr. Sharan Inamdar

HoD



	ASTANA												AJE: NKY/	ADY P	OTE SCH	KALOUTS		RING	0: 13 Y		in white		Dail 198	Via Leò	кірані, і	- 41	luc.												
									11/1/2								CO	PO-PSO	Attaine	nent.									Fee	1 No. 1QA	0%								
	i Year: 2022-23 Embedded System Design																																			-	Senesier	1	
are of	Nobject Teacher: Dr. Sanlyn Amari																													_	_				Clase	ME.	De	No:	_
		Elicano		Direc	Assessment	(internal)	(30%)		Deren		Esterna to Esseria		Direct Assessment (DA)		Americal	co		建设																					
		Taummay	Unit	Test		(20%)		CA 10%)		n Monath May	- 1900				10,41	Attainment																13		R)					
O Na.	Statement of COs		en	(7)	177	Mappin	, ca	Mapping	Trudi. of Sub.	Mapping	% Result	Mapping	Mapping of (20% internal tests=10% Continous Assessment =60% Univ result(TEI)= 10% Univ.oral result	Course Exit Surrey	Mapping	Weightage (80% D.A.) 24% IDA)	100	Attain p	GI Alla	die POS	Attain	FO4 APair	1908	Atrai Pi	Aitsi 0-5 nove 4	:-07 An	ale P-Os	Affain	209 Ana	in POI	Affaire	POIL	Amain ,	PFM2 Arts	Psoi	Atrain	isos A	ullain iseed	9016
CO-1	Understand officials of functional units of Network Protocol	2x Finders and	66.67				95.00	,	the lo	3.0	100:00	3.9	3,00	3.00	40	2.40	3	,		,		2 2	2	2											1	1	3	,	3
CQ 2	Design AEM Processor based Embedded Systems	F-Mhu	64.67			3.0	96,00		ou le	3.0	100.00	3,0	3.0	3,00	0.0	2.40			, ,	2	2				1	1									2	1	2	;)
CO7	Carry and programming in Embedded programming in C. C++	K-Sprin		66,67	8 A	0,0	95.00	,	10.16	3.0	Jogon	3.0	2,4	2.00	9.0	192	3															10			,	2	3	1	
ro-4	Part Lines operating system and device delvers	3-Apply		m.m		0.0	96.00	,	ou te	3.0	100.00	1.0	2.4	3.00	••	100	3	2	1 2																2		2	1	
cos	•	v.			81.33		95.00	,	94.1¢	3.0	100.00	,,	3.0	3.00	8.0	2.40																	i i					5	
CO-6	•				100.00	14	96 an	,	94.36	3.0	non	,,	3.0	2.00	*.0	240		1																					
	Mapping Criterias>				Marks	60: Le	43	Mar	lor >= 50	Level		Mark	>=40: Level I		50 500		At no	mert Au	g Astorm of PG-2	ernt Attac	ing innen PC-3	Avg Accordence of PO-4 203	Arg	en la	tag tagenteri d PO-6 1.00	Avg	u Am	Avg.	Ang. Antaranan of PO-9	a Au	toy someri In a-for		mores. A	org Attanco	emi Actio	Avg signers PSC-1 223	Mile one on 768	ment 91-2	Vig. Whateh

Lohegaon, Pune

Patil Schon or Result of Barrier And Schon or Barrier of Barrier o



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D.

Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

		Course Outcomes (COs):		Form No. IQAC/36
Subject: 1	c Year.:2022-23 Research Metho Subject Teache		Class:ME- I	Semester:01 Div:
CO No.	BT level	Students will be able to		
CO-1	3-Apply	Outline research problem, its scope, objectives and errors		
CO-2	2- Understand	Understand basic instrumentation schemes and its data collection methods		
CO-3	3-Apply	Learn various statistical techniques		
CO-4	3-Apply	Develop model and can predict the performance of experimental system		
CO-5	2- Understand	Write research proposals of their own domain		
CO-6				

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after

E &TC

Engineerno

completion of Unit"

Dr. Saniya Anşari Subject Teacher

Dr. Sharan namdar HoD



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academie Year: 2022-23

Semester:01

Subject: Research Methodology

Class: ME-I Div:

Name of	Subject Teacher	r: Dr. 9	Saniya	Ansari												
PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	POIO	POH	PO12	PSO1	PSO2	PSO
CO-1	3-Apply	3	2	3	2	2								3	3	3
CO-2	2- Understand	2	3	2			1	1						2	2	3
CO-3	3-Apply	3	2											3	3	
CO-4	3-Apply	3	3											2	2	
CO-5	2- Understand	3	3											3	2	2157
CO-6	0															
Average		2.80	2.60	2.50	2.00	2.00	1.00	1.00				- 1	0.5436	2.60	2.40	3.00
Rounde d off		3	3	3	2	2	1	1						3	3	3

(Strength of Correlation): 3-Strong, 2-Medium, - Weak, Keep Blank-if No Corellation

Subject Teacher

E STC Enginaerin Cohegaen, Pur

Dr. Sharan Inamdar



8 Unpreciment through nearly acclaused character as a Via Labeguer, 1906. Dr. Dr. V. Pali Sciondelga University in Section 2006. Dr. Dr. V. Pali Sciondelga University in Section 2006. Dr. Dr. V. Pali Sciondelga University in Section 2006. Dr. V. Pali Sciondelga University in Section 2006. AHNETA CO-PO-PSO Attainment Form No. IQACA6 Academic Year: 2022-25 intject:Research Methodology same of Subject Teacher: Dr. Saniya Amari Direct Assessment (External) (79%) University 2.5.005 Direct Assessment (Internal) (10%) History Taloring California (19%) Mapping of (20% Internal tests 10% Continuous Assessment +60% Univ result(TID+ 10% Univ oral result CO No. Statement of COs Course ETT | 1.12 178 C0-I 83.33 3 9416 1.0 3.0 3.00 3.00 83.33 CO-2 REF 1.0 3.0 3.60 CO-3 Learn varies statistical techniques 2- John 9416 14 2,4 2.00 1.00 CO-4 3 June 44.67 3.0 3.0 2.4 2-Understand 13.33 3.0 10 3.0 3.00 C0-6 6667 1.0 3.0 10 6.0 3.0 2.00 240 Mapping Criferias -> Marks == 60: Level 3 Marks > 50: Level 2 Marks >=40; Level 1

Carrie Lawren

Patil School of Engineering Pure Longineering Pu





Dr. D.

Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon. Pune – 412 105.

Department of E&TC Engineering

		Course Outcomes (COs):	Form No. IQAC/36
Subject: \		: Prof. Kalpita Mane	Semester:01 Div:
CO No.	BT level	Students will be able to	
CO-1	2- Understand	To understand basic WSN Technology and its supporting Protocols	
CO-2	3-Apply	To learn routing protocols and their design issues inWSN	
CO-3	3-Apply	To understand sensor- management, sensor- network middle ware and operating systems	
CO-4	2-Understand	To understand WSN layers' issues and their protocols	
CO-5			
CO-6			

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"







"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2022-23

Semester:01

Subject: WSN

Class: ME-I Div:

Name of Subject Teacher: Prof. Kalpita Mane

co	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POH	PO12	PSOI	PSO2	PSO3
CO-1	2- Understand	3	3	2	1	2				建				2	3	3
CO-2	3-Apply	2	2	3			1	1						2	3	
CO-3	3-Apply	3	3				x (00 = 0)							2	2	
CO-4	2- Understand	3	2											3		2
CO-5	0															
CO-6	0															
Average		2.75	2.50	2.50	1.00	2.00	1.00	1.00		3 2		HALLES	ž si j es	2.25	2.67	2.50
Rounde d off		3	3	3	1	2	1	1						3	3	3







Topicserment directed quality tachnical classer or
AJEENKYA DY PACIE SCHOOL (**) 8058415000 Dr. D. V. Fani Knowledge City, Chichela Bk., Vaz. Lebegaton, Pure - 412-105
Opportunes of EASY Engineering.

CO-PO-PSO Attainment Form No. IQAC/36

Academic Year: 2022-23

Name of	Subject Teacher:Prof. Kalpita Mane		Т	194	red Assess		to other		1	Direct Asse	rement (Ex	tornal) (70%)	Direct	Total I			T								100		800			1		15015	200 10			Claw:ME	Total	Div:	
		Blooms Taxonomy	Hals 7		MI ASSESS	(26)		CA (18%)	+	Subject Re		YARD PR/OR/TW (10%)	Assessment (DA		(IDA)	CQ Attabuser																							
CO Nu.	Statement of COs		(1)	17:	1 T3	Mayor	4 0		ping r	*6 result May		% Mapping	Mapping of (20% Internal tosts/10% Continue, Assessment +60% University 10% Lair oral result	Conne Ent Survey	Mapping	Weightage (88% DA- 28% IDA	POT	Altain mera	POI AL	rat P	Ol Attain ment	РОН	Ment PO	g Altai	PO6.	Altain ment	PO7 Atta	in pena	Atlain ment	Attair surni	Pota	Attain	PO11 AR	nin PO	Attain ment	PSOI An	ain PSOZ	Attain	PSGI A
CO-1	To understand basic WSN Technology and its supporting Protocols	2- Understand	83.33			3.0	93	53	. 30	0.00 3	1.0 200	100 1,0	3,00	300	0.0	2.40	3.	3	3		2 7	1	1 2	,												2	1	,	3
CO-2	To learn routing protocols and their design issues in WSN	3-App	83.33			30	93.	,,	. 10	N1,(N) 3	100	1.00 A.0	3.6	3.66	0.0	2.40	2	1	2		, ,		- 70		1		1 1									2		,	
(0)	To understand sensor-management, sensor- notwork middle ware and operating systems	1-Apply		56,00		••	73.		1 10	n,oc 3	100	1.00 3.0	2.4	2.00		1.92	,	2	3																	20 0	2	2	
CO 4	To understand WSN layers' bosons and their protocols	2 Understand		13.33			91.	33	3 10	13.00 3	.0 100	3.0	2.4	5.04	**	1.92	3	2	,															1		3			,
CO-5	0	0			66.67	3.0	93.	33	1 16	neo 3	100	.00 1.0	3.0	3.00	4.9	2.40									00														
CO-6	a .	0			100,00	3.0	93.		1 10	ر دهه	.0 101	.00 3.0	3.9	2.90		2.60					7																		
	Mapping Criterias>				Mari	ics >=fd	: Level	3	Mar	ks >=50:	Level 2	Mi	rks ==40; Lev	el I			As Actains of P	nere /	of PC+2		Avg. Utainwest of PO-3	Avg Anapos of PO	ent My.	Mainment PC+5	Avg of Allians of 25	ment C3-5	Avg. Allainment of PCL7	Attack of 1	Invest	Avg. Mainmon of PO-V	Avg. Utae of PO-		of PO-11		Attaneous PO-12	Avg Mamma of PSO- 2.00	Alta of I	Nog instant PSO-2 2.67	tog Attack of PSO 2.50









AJEENKYA DV Palii School of Engineering "Empowerment through quality technical education"
AJEENKYA DY PATIL SCHOOL OF ENGINEERING
Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lobegaon, Pune – 412 105.
CIVIL ENGINEERING DEPARTMENT

r. No.	Class (Div) & Subject	CO No.	CO Attainment	P O 1	Attainme nt	PO2	Attainmen t	PO3	nme 1	PO4 Attains	nen PO5	Attainme	P06	Attainm ent	PO7	Attainment	PO8	Attainm ent	PO 9	Attain ment	PO10	Attainme nt	PO11	Attain ment	PO12	Attainm ent	PSO1	Attain ment	P502	Attain ment	PSO3
		CO-I	1.56	2	2	3	2	-	2	1 1 1 1		Trans.			. 2	2	Contract to		12.754	10000			2	2-			2	2	(1)	1	OH,
		CO-2	LA	2	2	3	2	2	1		1	1.	6.0 spring 9.0 medi	BULLE	HALLE?		fraumen fraument		The King				15.15		eathaun mi-	142		ar ord	3	2.	
	52 B. D. L. L.	CO-3	1.56	2	2	3	2	985 864		3 2		2	non-studen For acous	9.5000				100000	indication	icontrol is a control of	HELLE				1	1	2	2	1	144	2
1	SE (A) BTAP	C0-4	1.56	2	2	3	2	2	2	2 2		187873.22	2	2	A.A.	Physical Control				de Maria	Shirt		905			10000	34	\$100 M	3	-	
		CO-6	1.56	2	2	3	2		3	2 2	2	2	Part of	NATH CO.	2	2	7.0						100000		2				1	1	2
		CU-6	1.00	DECOME ADMINISTRA	2	3	inment of PC	Arrainm	nt of a	Attainment	r Dr. a. Atta	inment of P		nment of P	Aug	Attainment of PO-7	1001518	100000	107/04/04	moreme	2	ment of PO-		CDC		10000111	State of	\$000	2	1	
				ing. i mai.		2 3. 2 11.10	2	- ttianimi	1.8	1.666666	-	2		666666667	LAVE.	ttaining of FO-	g. Attall	ancia ot r	. Attair	ment of r	g. Attaini	ment of PO-	g. Anami	nent of PC	g. Attain	ment of PC	Allaini	nent of P	Altainm	ent of P	1.666
No.	Class (Div) & Subject	CO No.	CO Attainment	POI	Attainmer	PO2	Attainmen	POJ	1420 8	PO4 Attains	125 1000	Attainmer	Particular	Attainmer	PO7	Attainment	POS	ttainme	PO9	ttainme	POIN	Attainmen	POLL	Attainme	POLO	Attainmer	PSO1		PSO2		PSO3
		CO-1	1.56	2	2	3	2		2	1 1			100		2	2	- Annual Control		102	Total Control			2	2	1012		2	2	1302	LURIDBK	P303
		CO-2	1,41111	2	1	1	Birth a	2	1		1		0.0	1900000		EEDITE DE LA FI	1800,000	Charles I have a	Section.	Armin Co./	SECTION AND		A de	-		ey interesting	-				A
		CO-3	1,56	2	2	3	2		3			Name of the last	2				11/2/00/0	2	1.774.77	SET FRAGE	50 m. (1)				10000						00000
. 8	en (111100	C0-4	1.56	2	2	2	2	2	3	CHI STORY	120000	2001000	2	2	0.074		3	2		125 - 10	2	2	100	The state of	1				3		
2	SE (A) MOS	CO-5	1.56	2	120-17	50/40	12541000	2	2	2 2	3	2			2	2				-1			00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CP TO STREET, ST	Male				1	892 B	
7		CO-6	1.08	2	2 2	3	2	12.67		3 2	99	SUD 1	1						1	1	2	1		FEW REAL					2		Person
				vg. Attair	nment of PO	yg. Atta	inment of PC	Attainme	nt of g	. Attainment	f PCg. Atta	inment of P	g. Attai	inment of P	Avg. A	ttainment of PO-7	g. Attain	ment of P	Attair	ment of F	g. Attain	ment of PO-	g. Attainr	ment of PC	g. Attain	ment of PO	Attains	nent of P	. Attainm	ent of PS	ttainm
				(4000)	1 75		1.75	2.21	1000	1,50		1,50		2,00		2.00		.67	1	.00	2	90	2	00			2	00	1.0	0	
No.	ass (Div) & Subj	CO No.	O Attainme	POI	ttainme	PO2	ttainme	PO3	in a l	O4 ttain	nei POS	ttainme	PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	POH	tainme	PO12	ttainme	PSO1	tainme	PSO2	ainm	PSO:
		CO-1	3	2	3	3	3			1 1					2	2	0.00000					F 1					2	2	1	1	160
		CO-2	2.84	2		1	1	2	2	Ny) Miner	1	1				Propagation 14	1300			12/14/1		11.		10.20	2	10 10 80		100	access t	100	133
		CO-3	3	2	3	3	3	1935	3		100		2	Daniel II	10053			9. 13				Time (1	Para Car		all and		2.3		91.111	
3	SE (A) PM	CO-4	3	2	2	2	2	2	3			A SULL VIEW	2	2						1000	2	2	11000	1000000	1	SSIER FOR	(A		3		
3	SE (A) FM	CO-5	3	2	an car	4445	PURCH NAME OF STREET	2	2		3	3	100	100000	2	2	Tell 5	15 (11.11)	NAME OF	1	No.			2	11000	and an extending			1		1
"Toy		CO-6	2,52	2	2	3	2	FREEZE		3 3		112273	1		(NOTICE)	7.70			1	-1	2	2			2	2	19000		2	90.878	
		SATE STATE		. Attain	ment of	Attai	nment of	ttainm	ent d	Attainment	of Attai	nment of	Attair	nment of	g. Att	tainment of Po	Attain	ment of	Attain	ment o	Attainn	nent of F	Attainn	nent of		nent of I	ttainn	ent of	Attainm	ent of	ainm
				2	2.25		2.25	2.5)	1.00		2.00		2 00		2.00			1	.00		.00		00			_	00	1.0		1 (
No.	ass (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	PO3	inn F	O4 ttain	nei PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	PO11	tainme	PO12	ttainme	PSOI	tainme	PSO2	ainm	PSO.
		CO-1	1.56	- 3	2	2	2	1	1	# W 7 10 10 100 10 10 10 10 10 10 10 10 10 10 10 10 10 1			2	2						12,323	2	2			2	2	~1	1			1
		CO-2	1.4	3	2	2	1			1 1					2	1			3	2				and work and a			3	2			量 强度
		CO-3	1.56	3	2		Part to			3 2		i karina		SUM	7900		2	2				Construction of the second of	iner I st	101	2	2	1	1			2
		CO-4	1.56	3	2	2	2	2	2		2	2			3	2	53100		2	2		e legiste no recei					3	2	2	2	
4	SE (A) FM	CO-5	1.56	3	2			2	2	2 2		1129200	2	2	2954				0.	distant.	W-104		2	2	2	2	1			3000	ELW.
		CO-6	1.08	3	2		10000	3	2				1	1	11.53	House the late			2	1	promuter and	especial.	E ath				2	1	0.75		3
				A	vg.		Avg.	Avg		Avg.		Avg.	1	lvg.	Avg	Attainment	A	vg.		vg.	A	vg.	A.	vg.	Α	vg.	A	vg.	Av	Ø.	Av
				Attain	ment of	Attai	nment of	Attain	me /	Attainment	of Att	ainment	Atta	inment		of PO-7	Attai	nment	Attai	nment	Attain	ment of	3177 S. ILL. 20	ment of	THE TOTAL STATE	ment of	V. Cropped	nment	Attain	_	Atta
		15-01-55			2	4 CANADADA	1 67	1.7:	5	1,67	10	2:		1.67		1.5	Contraction of the	2	1	67		2		5		2	1.	33	- 2		1.6
				360000	CONTRACTOR	A CONTRACTOR														DESCRIPTION OF THE PARTY OF THE	SECTION AND	CONTRACTOR		80 1 E 10 80 1 E 2 10	PO12	tta in me	PSOI	tainme	PSO2	10.750	PSO:
No.	ass (Div) & Subj	CO No.	O Attainme		ttainme		ttainme	PO3	inn F	O4 ttain:	nei PO5	ttainme	PO6	ttainme	PO7	Attainment	POS	tainme	PO9	tainm	PO10	ttainme	POH	tainme	STREET, STREET	BUST STATE OF			0.000	ainm	1000
No.	ass (Div) & Subj	CO-1	1,56				ttainmer 2	PO3 s	inn F	O4 ttain:	nei PO5	ttainme	PO6	ttainme	PO7	Attainment 2	PO8	tainme	PO9	tainm	PO10	ttainme	2	2	1,4		2	2	1	ainm 1	
No.	ass (Div) & Subj		1,56 1.4	PO1	ttainme	PO2		10000000	1	O4 ttain:	nei PO5	ttainme	PO6	ttainme		Value of the state	PO8	tainme	PO9	tainm	PO10 3	ttainme 2		artifer of			2	2		1 2	
No.	ass (Div) & Subj	CO-1 CO-2 CO-3	1.56 1.4 1.56	PO1	ttainme 2	PO2	2	2	2	O4 ttaini			PO6	ttainme		Value of the state	PO8	tainme	PO9	tainm		445		artifer of			2	2	1	1	
No.		CO-1 CO-2 CO-3 CO-4	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2	PO2	2	2	2	O4 ttain:			PO6	ttainme 2		Value of the state	PO8	tainme	PO9	tainm:		445		artifer of			7 17 1		1	1	
No.	ass (Div) & Subj SE (A) MIII	CO-1 CO-2 CO-3 CO-4 CO-5	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2 1	PO2	2 1 2	2	2 1 3	204 ttain:						Value of the state			PO9	tainm _e	3	2		2	2	2	7 17 1		1 3	1	
. No.		CO-1 CO-2 CO-3 CO-4	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2 1	PO2	2 1 2	2 2	2 1 3 2	1 1			2	2	2	2			PO9	tainm	3	2		2			2	2	1 3	1	
. No.		CO-1 CO-2 CO-3 CO-4 CO-5	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2 1	3 1 2	2 1 2 2	2 2 2 Avg	2 1 3 2 2	1 1 2 2 3 2 Avg.	2	1 Zeil S	2	2	2	2	3		PO9	1	2	2	2	2	2		2	2	1 3 1 3	1 2	Av
. No.		CO-1 CO-2 CO-3 CO-4 CO-5	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2 1	PO2	2 1 2 2	2 2 2 Avg	2 1 3 2	1 1 2 2 2 3 2 Avg.	2 of An	1 2 31 S	2 H O	2	2 2 Avg	2 2 Attainment of PO-7	3 A Attai	2 Vg.	l A	1 1 vg.	2 2 Attain	2 2 1 vg. ment of	2 Av Attainr	2 1 vg.	2 A	2 vg.	2 2	2	1 3 1 3 1 2	1 2 1 1 g.	
. No.		CO-1 CO-2 CO-3 CO-4 CO-5	1.56 1.4 1.56 1.56	PO1 2 2 2 2	ttainme 2 1	3 1 2	2 1 2 2	2 2 2 Avg	2 1 3 2	1 1 2 2 3 2 Avg.	2 of An	1 Zeil S	2 H O	2	2 2 Avg	2 2 . Attainment	3 A Attai	2 vg.	l A	1 1 vg.	2 2 Attain	2 2 1 vg.	2 Av Attainr	2 1	2 A Attain	2 vg.	2 2 Attair	2 2 /g.	1 3 1 3 1 2 Av	1 2	Av
No.		CO-1 CO-2 CO-3 CO-4 CO-5	1.56 1.4 1.56 1.56	PO1 2 2 2 2 2	ttainme 2 1	3 1 2	2 1 2 2	2 2 2 Avg	2 1 3 2	1 1 2 2 2 3 2 Avg.	2 of An	1 2 31 S	2 Hoga	2	2 2 Avg	2 2 Attainment of PO-7	3 A Attai	2 Vg.	l A	1 1 vg.	2 2 Attain	2 2 1 vg. ment of	2 Av Attainr	2 1 vg.	2 A Attain	2 vg. ment of	2 Attair 2	2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	1 3 1 3 1 2 Av Attain	1 2	Av

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Civil Engineering
Ajeenkya DV Patil School of Engineering
Lohegaon, Pune

	Aug al and the same of the same of	CO-1	-	-	-		CONT. CO.		4.00		127 K 155 K	100	e Strongth			No.	Attainmen		12200	9.00	MAHILI	1010	ttainin	eron	i jiainn	ROL	ttainm	er.20	Itainm	PSO2	tainm	PSO
	TE WHEEL	CO-2	2.84	2	2	2	2	2	-	1	1					2	2		1080		1137		100	2	2	The second	1010	2	2	1	1	
	THE RESERVE	CO-3	3	2	1	1	1000	2	-	1000	1100 E	1	1		1531111		4 6 13 6 6 6		100000		2000	3	3	1 639 63		110000	Large Salvi			3	3	
	The state of	CO-4		2	2	2	2		3	150	ARCH I				351121				10000	HEE				1533121	T SELECT	1 12303				1	00000	
6	SE (A) EG	CO-5	3	2	2	2	2	2	2	250	11/25178		erdect.	2	2		maken sast	3	3	2000		2	2		la in	Barry	a fartis		35,000	3		
	SE (A) EG	The second second second	3	2	1938 N	0.00				2	2	2	2			2	2				11	1000	District of the		172.574		F-1000000			1		
	E. MARCHAN	CO-6	2 52	2	2	3	2	HEVS.		3	3		FISHER CO.	1		10.53		WAY.	12122	1	1	2	2		1 113 113				0.000	2		
	1741				.vg.		Avg.	A	vg.		Avg.	1	Avg.	1	Avg.	Avg	. Attainment	A	Vg.	A	vg.	A	lvg.	A	vg.	1	vg.	1	vg.	A	70	Av
										Atta	inment of	-	inment		inment		of PO-7	Atta	inment	Attai	nment		ment of			Attair	ment of	Atta	inment	Attair	The second	Atta
				Talenta Salan	75		1.75		25		1.50	ALL PROPERTY.	1.50	CONTRACTOR OF THE PARTY OF THE	2.00	Photo is demonstration	2.00	3	3.00	1	.00		2.50		.00			_	2.00		00	
r. No.	ass (Div) & Subj	CO No.	O Attainme	POI	ttainme	PO2	ttainme	PO3	ainn	PO4	ttainme	PO5	ttainm	e PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainm	e POU	tainm	POL	ttainm	PSO	tainm	PSO	lainn	PSO
		CO-1	1.56	2	2	3	2	1	1					2	2	3	2			1000000			A contract					100		1 302	141111	130.
	3	CO-2	1.56	3	2	2	2	3	2	2	2	1000		1	1	2	2		A TOTAL PARTY					1	1	2	2	1	1		Sec.	2
		CO-3	1.08	2	1	3	2	1	1	2	1	1	24545			4	A STORY AND STORY	2014 D	1.500113	2000	energy.		Stantin.	1	1	1 1	1	3	2	7,000		1
7	SE (A) GTE	CO-4	1.08	3	2			2	i	2	693-54	1		1	1	2	•			10-17-07	1 1 5 5 5	200023	1000	2	1		100	2	1			2
	SE (A) GIE	CO-5	1.56	2	2	100	Trains.	2	2	5000 H		1			(Selection of the Control of the Con	2	2	100000		Detail.	1000			1	1	1	1	2	1			2
	16	CO-6	1.56	12	1		SHIP IN	2	2	2	2		1 S17 1 S	100000	2	4	2	\$200 to \$2.00 to \$1.00 to \$1.0	00000			distanting	1137244	1500	GARGE OF	2	2	1	1	2	2	
		SEPTIME HOUSE		. Attain	ment of l	Attai	nment of	100000000000000000000000000000000000000	nent d	Attai	CHEKAN STILL	Attair	FARSS	CAmai	2		DESILO SE	District of		9,50	11,25,00	in the		0.29		1	1	2	2	100		1
					.67	BERRY	2	1	4	ruca	1.5	Attail	intent o	Attan	inent of	g. Att	ainment of Po	Attain	ment of	Attaini	ment of	Attain	ment of l	Attaini	nent of	Attain	ment of	Attainr	nent of	ttainm	ent of	ainm
- No	ass (Div) & Subj	CON	0.44	100000000000000000000000000000000000000				STATE OF THE PARTY						NO SOMEONION	1.5	RESERVED IN	1.6	200352	United Street	100000	HERMAN	STATE OF THE PARTY		ion in	1		1.4	1	.33			1.
	ass (DIV) & Subj		O Artainme		ttainme	(PO2	ttainme	PO3	ainn	PO4	ttainme	PO5	ttainm	e PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	PO11	tainm	PO12	ttainm	PSO	tainm	PSO2	ainm	PSO:
		CO-1		3	2	2	2	1	1	100			eral and	2	2			Text in	1-13-000	190238	45155	2	2		Middle 19	2		.	224.100		0.0000	
		CO-2		2	2	2	1	E logical	15.45E	1	1	Gax at	AC ACTOR	100		2				3	2	2	2		Company of		2	1	1		1000	1
		CO-3		2	2	3		To the second		3	2		Heren			- A 10		2	2	.,	- 4				The state of			3	2			
8	SE (A) SURVEY	CO-4		3	2	2	2	2	2	3	27762	2	-2	i Basanan	100000	3	2	-	- 2	2	2	A 4 - 2 B (1)		1	1	2	2	1	1			2
	C (, ook . L	CO-5	Marie Carlo	3	2	1		2	2	2	2	200		2	2	1000			10 to 5 to	- 4	2				10211			3	2	2	2	1000
		CO-6	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	2			3	2			Piloton I	101011	1	20 A 1 16 A	200				2				2	2	2	2	1	l	AME IN	100	6.95
		1		. Attain	ment of I	Attair	ment of	ttainn	nent d	Attai	nment of	Attain	ment o	fAttair	ment of	o Att	ainment of PO	Attain	mant of	2	100		DESCRIPTION OF THE PERSON OF T	in base	SERBS	SHIP		2	1	Anti-Con-		3
		Sandrick national and			2	100	1.67	2315	15	100	1.67		2		.67	S. Au	1.5	- ttaiii	2	tuaini 1.	nent o		nent of F		nent of	Attaini	nent of			Attainm	ent of	
. No.	ass (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	РОЗ	ainn	PO4	ttainme	PO5	ttainm	-	No. of Concession, Name of	PO7	Attainment	Drive								200	A CONTRACTOR	245E	.33		0.00	1.6
		CO-1	3	2	2	3	3	2	2	1	1			1.00				100	tamme	107	cainme	POIU	Itainme		DISCOURT OF THE PARTY OF THE	PO12	ttainme	PSO	tainm	PSO2	lainm	PSO3
		CO-2	2.84	2	1	3	3	2	2	1		100				2	2	919T	10000		C CO		Bitting.	2	2	医磨鞋	14130	2	2	1	1	
	1000	CO-3	3	2	2	3	3			3		1	01111111111			PYTT			数据领	HILLS!	12.0				Street	1000	100000		(STILL)	3	3	
0	on an on	CO-4	3	2	2	125740		2				7.5% (1987)	STORES OF			CHREO	ADMINISTRA		19011	909 63	22.83	Seudité.		A CONTRACTOR		1	1	1945		1		2
,	SE (A) CT	CO-5	3	2	-	00-04-1		-	3		de xourend a	2	2	2	2	-		100	2	1871		SOMETHING								3		
		CO-6	2.52	2	2	3	2		-	2	or Great	2	2			2	2	195				100000		2000		2	53480	W. C. C. 192		1	1	2
				. Attainr	OTT. LATER SHIP	Attair	mant of	ttoine	200	3	3			0.650	al tropic	1		ASA.	2		1	2	2				2-14-1	14.07.77	Destro	2	2	178
	A CHARGO THE				75	Attair	00	2,3	ent q	Anan	iment of	Allain	ment of	Attain	ment of	g. Atta	ainment of PC	Attainr	ment of	ttainn	nent o	Attainn	nent of P	Attainn	ent of	Attainn	nent of I	ttainn	nent of	Attainm	ent of	ainmo
No	ass (Div) & Subj	CON	0.4		Many at the original	S. S. S. S. S. S.	Charles of the last	210	Charles of		1.00	1	.50	2	.00	Bab rue	2.00	2.	00	A NEW S				2.	00	1	.00	2.	.00	1.6	7	2,0
110.	iss (Div) & Subj	1000			ttainme	POZ	ttainmei	PO3	ainn	PO4	ttainmer	PO5	ttainme	PO6	tainme	PO7	Attainment	PO8	tainme	PO9	ainm	POIG	ttainme	PO11	tainm	PO12	ttainme	PSO	tainm	PSO2	ainm	PSO3
		CO-1	2.04	2	2	2	2	2	2	1	1			200		2	2	450				12/4/2014		2	2	467		2	-		COMMAND I	THE STATE OF
		CO-2	1.88	2	1	1	1	2	2	18-8-	Second 1	1	1	183				A PARTY OF		12000				2	2		101 227 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	2	- 1		
		CO-3	2,04	2	2	2	2		3		100		Jan 19	2	21/2/2	100	ray syn a s			13.15		10.00000	23270	00 - 0-753				361	Special Control		23,000	74.75
10	SE (A) SA	CO-4	2.04	2	2	2	2	2	2		84.86			2	2		United to	3	3	10.000		2		10 1000	1972		0.0000000000000000000000000000000000000				6.2	0319
1000	-20 (11) 511	CO-5	2.04	2		100				2	2	2	2			2	2	,	,		0.000	2	2	1275,47		- 1	ends migh			3	COLUM	
		CO-6	1.56	2	2	3	2	0101		3	2	22.0			Y-1 Y-100 Y-1	-	ALCOHOL STREET		1000	1				Elau a			W X + 3 + 1 W		43445	1		10.4
		ALC: UNIVERSAL PROPERTY.						-	and the same	-	THE RESERVE	DAKE.	TARTER SEE	1000	ESSENDENCE A	THE STATE OF	ENTER EXPENSE.	WHAT HE	ALC: NO.	1	THE SHAPE	2	2	WALL STORY	DESCRIBE	STEEL STATE	CONTRACTOR	STATE OF THE PARTY.	(05173130)	2	ASSESSED	
				. Attainn	nent of H	Attain	ment of	ttainm	ent d/	Attair	ment of	Attain	ment of	Attain	ment of	y Atta	inment of Po	\ et	mant . A	44.				4			Section Section		The Real Property lies	Attainme	-	200



Civil Engineering O

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

HOD

Givil Engineering

Algenting By Pant School of Engineering

Loheagon, Plane

ass (Div) & Subj	CO No.	O Attainme	PO	ttainme	PO2	ttainme	PO3	ainm	PO4	tta	PO5	ttainm	e PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	PO11	tainm	PO12	ttainme	PSO	tainm	PSO2	lainm	PSO
No. 1855 And	CO-1	2.52	3	3	2	2	1	1	25091	#3.83 P\$E			-			20000000000					200000	OCH RESPONDE			DE CONTROL	District of the last	1		100000		
	CO-2	2.36	3	3	2	2	2.77		1	- 1		12	1		2	2			3	3		-			-	-	1	1	100000000000000000000000000000000000000	- 1	
	CO-3	2.52	3	3			- The William		3	3					_	100000000000000000000000000000000000000	2	2	-3	-			1		1	-	3	3		3	-
TE A HWDE	CO-4	2.52	3	3	2	2	2	2			2	2		H CI	3	3	-	-	2	2			1	1	-	-	2	1	1		2
TEATHIRE	CO-5	2.52	3	3			2	2	2	2			2	2	-					-		1000	2	2	2	2	3				2
	CO-6	2.04	3	3		Mar 15	3	3	4			-	1	1		- ASETS		100	2	2				-	- 4	- 4	1	2	1	1	2
All Street Street			. Attain	ment of I	Attai	nment of	ttainn	ent o	Attai	nment of	Attair	ment o	Attair	nment of	g. Att	ainment of Po	Attain	ment of	Attain	ment o	Attain	ment of I	Attainm	ent of	Attain	mont of	-			-	
	1910		3	.00	10000	2.00	2.0	00	Walks:	2,00		2,00				2.50											-				2
ss (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	PO3	ainn	PO4	ttainme	PO5	ttainm	PO6	ttainme	PO7	Attainment											DEO		ncos	Physical	22000
					2	and the second	-	-	1884						OCCUPATION OF THE PARTY OF THE	DESCRIPTION OF STREET	100	Canunic	10)	TAILLIII.	1010	ttaiiiiie	TOIL	camme	POIZ	tamme	PSU	tainm	PSOZ	tamm	PSO
	100000000000000000000000000000000000000		STORES AND LOSS OF	ALCOHOLD STATE OF THE PARTY OF	2	3	The Party of the P			1		100000	150.50		2	2	1000			e e decer		1111111	排列計劃		1	1			1	1	
	_		-		-	and the second	2	2	2		1	1			Alexanders		180	259115		1625	AVER		ALC: N			Miles	149		3	3	Tall's
	DOMESTIC OF THE PERSON	Control of the Contro		100000000000000000000000000000000000000	-	100000000000000000000000000000000000000		2023 3035	3	GROWER IN MISS			0.639	1	N POLICE		Wald	1000	TESTA	Charles of			(white	2			3	1	1		2
TE A DSS	THE PERSON NAMED IN COLUMN		11 Page 17 Control	CONTRACTOR OF THE PARTY OF THE	2	THE REAL PROPERTY.	2			2		SHEET	2	2	美洲			2		Series 1			State.		1	1		2	3		
Editor I Tipe				3	1				-		2	2		STANKE.	2	2		100	NH 5	100		非国际政治	Navaria.		2				1	1	2
	CO-0		THE RESERVE AND PARTY.	3	3	A REPORT OF THE PARTY OF THE PA					13726	Elega.	16.5	提到技	-1	1	12501	2		1	2	2		a de la	a Comment				2	2	
E-1-120	E.		. Attain	ment of i	Attai	nment of	ttainm	ent d	Attau	nment of					g. Att		Attain	ment of	Attain	ment o	Attain	ment of F	Attainm	ent of l	Attainr	nent of l	ttain	nent of	Attainm	ent of	ainn
	G1147271		Control of the last	•	Participation of the Participa		100000000000000000000000000000000000000	000000000000000000000000000000000000000		Chicago Inches	THE REAL PROPERTY.	ALICE STREET, SECTION	Name and Address of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is the Owner, whic	CHARLES THE PARTY OF	90.0				冷凝整		[1]	特別的							1.6	7	2
ss (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	PO3	ainn	PO4	ttainme	PO5	ttainm	PO6	ttainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	PO11	tainme	PO12	ttainme	PSO	tainm	PSO2	tainm	PSO
	CO-1	2.52	3	2	3	3	_		2	1	1		15045	122712		A STATE OF THE STA						August 1									
	CO-2	2.36	2.84	2	3	3	3	2	2	District.	19894	traction in the	ESES			142000000000000000000000000000000000000	1000		DAY LA		THE OWNER OF THE PERSON NAMED IN	Orczen Line	SECURITY SEC	OF LEAD	SECTION OF		1	PARTIES N	1	1	
	CO-3	2.52	3	2	3	3	3	cus	9000	3	P. Paris	NET LE			5 5 5 100	Control of the control	100.000			2.00			G8 V3 33	CAN PROPERTY	•			-		3	
TE A PEPM	CO-4	2.52	. 3	2	2	2	2	2	130		2	Starti						50711				100000 5 5 5 6 CHOTO IN A SET	5至世界是要收 6分子及五百經	474-58	2	184		3	Salada Principal		2
IE A EEFM	CO-5	2.52	3	2	3	1			3			Part Andrew	1	321 N 31	14283			SEARING STREET	NAME OF				15-346-49 583-483-9	(44 p. c. 77)		•		10111	3		
	CO-6	2.04	2.52	2	3	3		2	-	3	3	4			2.000		Let U					THE RESERVE	CARTER S	57164		2			- 1	1	2
	P PROPERTY.		. Attain	ment of I	Attai	nment of	-	ent d		ment of	Attair	ment of	Attair	ment of	o Att	inment of Po	Attain	ment of	etains	nant a	Attain	Control of F	A	BEARING	a a desail	C			2	2	1112
			70	2		1.67	1.7	5		1.67	100	2		.57		1.5									Attainr	nent of I	And in case of the last of the			-	ainn 2
ss (Div) & Subj	CO No.	O Attainme	POI	ttainme	PO2	ttainme	РОЗ	ainm	PO4	ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	Section 1 and 1	STREET STREET,	SOUTH PROPERTY.	CONTROL DATE OF	Carles de la care	ATTRICKED BY THE PARTY OF			DOIS						
	CO-1	2.52			2	2	Selection of the last		1000		000000	CONTRACTOR					. 00	talling	107	Camilli			1011	tainme		50 C L 0 (18)	rso.	tainme	PSO2	tainm	P80
	The second second second		THE PERSON NAMED IN COLUMN		2	1		-	1		279 C.SH	1000	2	2	-					- ARG	2	2			2	2	1	1	- 1	-1	
	The second second				- 2	97539 A SEC			2	2		12.00	3,000		2	Land Land		Money	3	2	Separate and	I termina		5/3/21			3	2	3	3	
				2000	2	2	2	- +	3	2	- 1	-		Department of	16/16/0		2	2		社会問題		SA FALLE	1	1	2	2	1	1	1		2
TEACM			-		4	4		2	-	-	4				3	2	Cons.	(C) (F) (F)	2	2			120.2		26.6		3	2	3		
		T. CONTROL OF			COTTO	ALL ASSESSMENT	-	2	4	- 2	163111	0.000	2	2	62.50	TEST HEREDS			14. //	PACE			2	2	2	2	1	1 .	-1	1	2
		The state of the s	CHARACTER AND	Charles and the same	Attair	amont of	Contract to	2	Attain		35304.7	Mary mili	1	1	01033		Mark.	MEAN	2	1	7010		MISSI	College			2	1	2	2	
				2		1 67	etamin	em q	Attain	iment of	Attain	ment of	Attain	ment of	g. Atta	unment of PC							Attainm	ent of l	Attainn	nent of I	ttainn	nent of	Attainme	ent of	ainn
	CO 11			A STATE OF THE PARTY OF T	Contract of the Contract of th	CHICAGOD WA	1.7	-	-	.67	E III	2	0.000-2-0.0	.67		1.5	BEST SHIPE	2	1001			2	1.			2		33	1.6	7	2
/Dia P. C.L.	CO No.	O Attainmei	POI	ttainmei	POZ	ttainme	PO3	inn	PO4	ttainme	PO5	ttainme	PO6	tainme	PO7	Attainment	PO8	tainme	PO9	tainm	PO10	ttainme	POII	tainme	PO12	ttainme	PSOI	tainm	PSO2	lainm	PSO
ıss (Div) & Subj			2	2	2	1	1				155	2	2				NEW YEAR			2	2			2	2	12 10 10 10			1	1	01000
ss (Div) & Subj	CO-1	3				HANGE STATE	RICE S	1	1	115,153	1627		25500	2	10	A 40 May 19 15	1000 Television	3	2	appendic	NOT THE	BEAT STATE	RECOUNTED IN	4	4	2	2		1	1	SPERIOR S
ss (Div) & Subj	CO-1 CO-2	3	2	2	1		MATERIAL PROPERTY.						PROPERTY AND IN	THE RESERVE OF THE PARTY OF THE	CHANGE OF		State of the	SHOTO	-	AUTOR/PS	WARE ST	EL SPENIS	STANDARD BELL	CHURCH STREET	COMMITTEE STATE	3	2	THE PERSON	3	3	
sss (Div) & Subj			-	2	1			3	2	TAX A			No otto	27076		2	2	RESPUBLICATION OF THE PERSON O	2000	VALUE OF STREET			12.1	7	2	2011	-	and the same		1.02	- 2
	CO-2	3	2	2	2	2	2	100	2	2	2			3	2	2	2	2	2			1	1	2	2	1	1		1		2
rss (Div) & Subj	CO-2 CO-3	3	2 2			2 2	-	3	2	2	2	2	2	3	2	2	2	2	2			1	1	100		3	2	2	3		2
	CO-2 CO-3 CO-4 CO-5	3 3 3 3	2 2 2				2	100	2	2	2	2	2	3	2	2	2	2	2			2	2	2	2	3	1	2	3	1	2
	CO-2 CO-3 CO-4	3 3 3 3	2 2 2 2 2	2	2	2	2	2			2 Attain	1	1			2 inment of PO	176	2				SALE.		2	2	1	1 2 1	2	1	1 2	No.
	TE A HWRE ASS (Div) & Subj TE A DSS ASS (Div) & Subj	TE A HWRE CO-1 CO-2 CO-3 CO-4 CO-5 CO-6 ass (Div) & Subj CO No. CO-1 CO-2 CO-3 CO-4 CO-5 CO-6 TE A DSS TE A DSS TE A EEFM CO-1 CO-2 CO-3 CO-4 CO-5 CO-6 ass (Div) & Subj CO No. CO-1 CO-2 CO-3 CO-4 CO-5 CO-6	TE A HWRE CO-1 CO-2 CO-3 CO-3 CO-4 CO-5 CO-5 CO-6 CO-6 CO-6 CO-1 CO-1 CO-1 CO-1 CO-2 CO-3 CO-2 CO-4 CO-3 CO-3 CO-3 CO-3 CO-4 CO-3 CO-4 CO-5 CO-5 CO-6 CO-6 CO-7 CO-7 CO-8 CO-8 CO-9 C	TE A HWRE CO-1 2.52 3 CO-2 2.36 3 CO-3 2.52 3 CO-4 2.52 3 CO-6 2.04 3 Attain TE A DSS CO-1 3 2 CO-2 2.84 2 CO-3 3 2 CO-2 2.84 2 CO-3 3 2 CO-4 3 2 CO-5 3 2 CO-6 2.52 2 Attain TE A EEFM CO-1 2.52 3 CO-6 2.52 2 Attain CO-1 2.52 3 CO-6 2.52 3 CO-6 2.52 3 CO-7 2.58 3 2 CO-8 2.59 2 Attain TE A EEFM CO-1 2.52 3 CO-2 2.36 2.84 CO-3 2.52 3 CO-6 2.52 3 CO-6 2.52 3 CO-7 2.52 3 CO-8 2.52 3 CO-8 2.52 3 CO-9 2.36 2.84 CO-9 2.36 3 CO-9	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TEAHWRE CO-1	TEAHWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TE A HWRE CO-1	TEAHWRE CO-1	TEAHWRE CO-1	TEAHWRE THEAHWRE TEAHWRE TEAHWRE TEAHWRE TEAHWRE TEAHWRE TEAHWRE TH	TEAHWEE CO-1	TEAHWE Fig. 1. Sept.	TEAHWE Fig. 1. Sept.	TEAHWEE TEA	TEAHWRE Colstant Colstant	TEAHWRE Colstant Colstant	TEAHWE Colstant Colstant	TEAHWRE CO-1	TEAHURE Col	TEAHWE CO1 252 3 3 2 2 1 1 1 1 1 1 2 1 1	TEAHWEE Fig. 1. Sept. 1. Sept. 2. Sept. 3. Sept. 3. Sept. 2. Sept. 3. Sept	Col.

Pune School

Civil Engineering

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

HOD
Civil Engineering
Alcenkya DY Patil School of Engineering
Lohogaon, Pune

r. No.	ass (Div, & Subj	CO No.	O Attainme	PO1	ttainme	PO2	tt inme	PO3 ai	nn P	04 ttaae	PO5	ttainme	PO6	ttain.ne	PO7	Attainment	PO8 ta	tinme F	O9 tain	m PO10	trainme	PO11	tainm	PO12	ttainm	ePSO	tainm	PSO2	inm	PSO.
100	100001	CO-1	3	2	3	3	3	2	2	1			\$ 10 mm	1.001		1		tings:	3		200		America de	1			A CONTRACTOR OF THE PARTY OF TH	1	1	
		CO-2	2.84	2	3	3	3	2	2			1	A REPORTED	DESTINATION OF	SPIRE		diam'r.	No.			The State of	2						3	3	200
		CO-3	3	2	3	3	3	122.00		3			1	662.44	2	2	11000	838				Se trees	2	0.41	and the same	3		1		2
6	TEAWWE	CO-4	3	2	2	2	2	2		2					Hilly	1000	100010	3		Tura is		W15254		15×CDD	e degrace av	28	2	3	ene la	906.8
0	IEAWWE	CO-5	3	2	3	1	3		3	A PROPERTY OF	17/1/20	1	1800		H	3			LET SOL	2		2000		2		00.5	Harris of	1	1	2
		CO-6	2.52	2	3	3	3	2	2	3 3		350		1	to the same		Name of the			War Hall	2	2	2	Cherry		1000		2	2	
					ment of F	Attai	nment of	ttainme	nt dA	tainment of	f Attain	ment of	Attair	nment of	g. Att	ainment of Po	Attainme	ent of	tainment	o Attain	ment of l	Attainn	nent of	Attain	ment of	Ittainr	nent of	Attainme	t of	ainn
and the			aggistantian engage		.80		2.80	2.33		1.50	THE RESIDENCE OF THE PARTY OF T	.00	2.000	Service Service		2.00	3.00	Allega Company (1981)		200	CHTA OF MUNICIPALITY	CONTRACTOR OF THE PARTY OF	.00	A CHARLES	.00	Section 200	00	1,67		2.
. No.	ass (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	PO3 ai	nn Pe	04 ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8 ta	inme P	O9 tain	m PO10	ttainmo	POII	tainm	PO12	ttainm	ePSO	tainm	PSO2	inm	PSO.
		CO-1	3	2	3	3	3	_	2	1			N. P.	196	2	2								1	1			1	1	8.3
		CO-2	2.84	2	3	3	3	2	2		1	1	Dist.	1848	11616	119000		ETA MALE	1417						#15 E-12			3	3	
		CO-3	3	2	3	3	3		18 63	3				1	1194	302.0		enion P			1100		2	AND THE REAL PROPERTY.		3		1		2
7	TE A DROS	CO-4	3	2	2	2	2	2		2			2	2	1111		MARKET TO	2	tip his		Haras III	ille in	32.5	1	1		2	3	NO.	6
1	TE A DRCS	CO-5	3	2	3	1.	3		3		2	2	1 1 1 1 1 1	TO SHE	2	2	10 ha 10 ha	ev - es la				12.118	376VI	2	16.36331	30130		1	1	2
		CO-6	2.52	2	3	3	3	2	2 :	3			1415	Marie III	1	1		2	1	2	2	45460			0.55	100000	35.6	2	2	
				. Attain	ment of F	Attai	nment of	ttainme	nt dA	tainment of	Attain	ment of	Attair	ment of	g. Att	ainment of Po	Attainme	ent of At	ainment	o Attain	ment of I	Attainn	nent of	Attain	ment of	Lttainr	nent of	Attainme	t of	ainn
				2	.80		2.80	2.33		1.50	1	.50		50		2,00	2.00	0				2.	00	1	.00	2	00	1.67	Children in	2
No.	ass (Div) & Subj	CO No.	O Attainme	PO1	ttainme	PO2	ttainme	PO3 ai	nn Pe	04 ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8 ta	inme P	O9 tain	m PO10	ttainme	PO11	tainm	PO12	ttainm	ePSO1	tainme	PSO2	inm	PSC
		CO-1	3	2	3	3	3	* The St. 20	2							1			3		enrick and a	Control Control			1				1	
		CO-2	2.84	2		did alem	and the second	-	2			1		2						200 000		2		400 B 040			1000000	2	2	100
		CO-3	3	2	3	3	3	Diam'r	-			District Control	1	National I	2	2				3		4	2			-		3	3	_
	The second second	CO-4	3	2	2		2	2		2			100 AN 10	3	2			3		3	DOMESTICAL CO.		2			3	2			2
8	TE A RSGIS	CO-5	3	2	2	1	2		3			1	100			3				2	0.00	A STATE OF THE SECOND	September 1	-			7	3	. +	2
		CO-6	2.52	2	3	3	3	-	2	3 3				1		2			1		PACIFIC PROPERTY.	2	3	2			Time to the	1	1	2
	The state of				ment of F	THE RESIDEN	CHARLE SECTION				Attain	ment of	Attair	ment of	e Att	ainment of Po	Attainm	ent of t	ainment	o Attain	ment of I		ent of	Attains	ment of	Letaine	ant of	Hainma	t of	ainn
VII				2	50	100	2.50	2.33		1.50		.00		2.50		2.00	3.00		41 74 74 7		Attack!		00		.00		00	1.67	TOT I	2.
r. No.	ass (Div) & Subj	CO No.	O Attainme	POI	ttainme	PO2	ttainme	PO3 ai	nn P)4 ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8 ta	inme P	O9 tain	n PO10	ttainme	PO11	tainme	PO12	ttainm	ePSO	tainme	PSO2	inml	PSO
		CO-1	3	2	3	3	3	3 STORES	2	1				22.00		1	erecular	DESTRU	3					1	3.1	100000			1	
	100	CO-2	2.84	2	2	2	2	2	2			1		2	19-2-5				2	and the same of	400	2	TIAN 6	11 15 27	111111111	100	-	3	3	
	A Phil	CO-3	3	2	3	3	3			N DESCRIPTION			1		2	2		15/68/30	2	3			2			3		1	3	2
	Venillatio resounds A	CO-4	3	2	2	2	2	2	32 1	2	BEST	2	計畫	3	19140		142 17 60	3	2					HAR		0.5000	2	3	V 15/15	-
9	TE A SWM	CO-5	- 3	2	2	1	2		3		100	1			100	3	Howe In	270	2 2	2	ALTO GO	English and		2			NIP Y	1	1	2
		CO-6	2.52	2	3	3	3	2	2	3			I AVAIL	1	rent)		F		1		2	2	2		SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF	1102		2	2	-
				Secretary Secretary	vg.	1000000	Avg.	Avg.		Avg.		vg.	1	vg.	Avg	Attainment	Avg	5.	Avg.	1	vg.	A ST REST THURST	vg.	A	vg.	A	vg.	001 000 000 00	100	a in
		NOT THE			ment of		nment of 2.25	Attainr 2.00		tainment of		inment 200		inment		of PO-7 3,00	Attainn 1.75		ttainmer 2 00	t Attair	ment of	Attain	ment of		ment of		nment 00	Attainmer	t of t	2
	100	Same a			The second line of the second		2000	07/07/07/07	H-12 (45)	Col Establishment		I San	Bearing and	DATE OF THE PARTY	PO7	PERSONAL PROPERTY.	Street, Street						ACHTECO NO.		7		CLOSED WITHOUT	PSO2	00908	03000
r. No.	Class (Div) &	CO No.	O Attainme	POI	ttainme	PO2	ttainme	1 P()3 lai	nme	1-44 II 31 II I 1 1 1 1 1 1 1 1 1 1 1 1 1 1					4500000	2 Actanimient	100000	T. IIII T	O y La fill	1010	aimine	ron	camine	1012	ramm(1301	ainm	130212	inmi	130
. No.	Class (Div) & Subject	10 Mar 25 at 150	O Attainme	POI	ttainme	HOLES TO		100000000000000000000000000000000000000	The Chi	ME SUFFICIENT		SECTION AND SECTIO	0.4			NAME OF PERSONS ASSESSED.			DESCRIPTION OF THE PARTY AND T	P CONTRACTOR	A Company of the Comp	I Parket	NUMBER OF	COLUMN TO SERVICE	1907.60	45389	TO ST	2070707E	ALE.	
. No.		CO-1	80	POI	ttainme	PO2	81.87	3 9)4 ;	100	3	3	84	3	3		3			The second second		-		200000000000000000000000000000000000000		_		2014		
. No.		CO-1 CO-2			ttainme	HOLES TO	81.87 81.87	3 9)4 :	100	3	3	91	3	3	3	3		2 1	1	1	1		100						
. No.		CO-1 CO-2 CO-3	80	71.43	.ttainme	3 3	81.87 81.87 81.87	3 9)4 :)4 :	100 100 100	3 3 3	3 3 3	91 87	3	3	3	3	2	2 1	1 1	.1 1	1		13 m) 			
	Subject	CO-1 CO-2 CO-3 CO-4	80			3 3 3	81.87 81.87 81.87 81.87	3 9 3 9 3 9)4 :)4 :)4 :)4 :	100 100 100 100	3 3 3 3	3 3 3 3	91 87 93	3 3	3 3 3	3 3	3 3 3			1 1 1	1 1 1	2000								
. No.		CO-1 CO-2 CO-3 CO-4 CO-5	80	71.43	80	3 3 3 3	81.87 81.87 81.87 81.87 81.87	3 9 3 9 3 9	04 1 04 1 04 1 04 1 04 1	3 100 3 100 3 100 3 100 3 100	3 3 3 3 3	3 3 3 3	91 87 93 84	3 3 3 3	3 3 3	3 3 3	3 3 3 3	2		1 1 1	1 1 1	1								
	Subject	CO-1 CO-2 CO-3 CO-4	80	71.43 85.71	80 87.5	3 3 3 3 3	81.87 81.87 81.87 81.87 81.87 81.87	3 9 3 9 3 9 3 9	04 1 04 1 04 1 04 1 04 1 04 1	3 100 3 100 3 100 3 100 3 100 3 100	3 3 3 3 3 3	3 3 3 3 3 3	91 87 93 84 89	3 3 3 3 3	3 3 3 3	3 3 3	3 3 3 3	2	2 1 2 1	1	1 1 1	1								
r. No.	Subject	CO-1 CO-2 CO-3 CO-4 CO-5	80	71.43 85.71	80 87.5 vg.	3 3 3 3 3	81.87 81.87 81.87 81.87 81.87 81.87 Avg.	3 6 3 6 3 6 3 6 3 6 Avg.	04 : 04 : 04 : 04 : 04 : 04 :	3 100 3 100 3 100 3 100 3 100 3 100 4 100 Avg.	3 3 3 3 3 A	3 3 3 3 3 3	91 87 93 84 89	3 3 3 3 3 3 vg.	3 3 3 3 Avg.	3 3 3 Attainment	3 3 3 3 Avg	2 2	2 1 2 1 Avg.	DIE CLOSE AND	1 1 1 vg.	1 1 A		11.7	vg.	A		Avg		
	Subject	CO-1 CO-2 CO-3 CO-4 CO-5	80	71.43 85.71 A Attain	80 87.5 vg.	3 3 3 3 3 Attai	81.87 81.87 81.87 81.87 81.87 81.87 Avg.	3 6 3 6 3 6 3 6 3 6 Avg.	04 : 04 : 04 : 04 : 04 : 04 :	3 100 3 100 3 100 3 100 3 100 3 100	3 3 3 3 3 3 A	3 3 3 3 3 3	91 87 93 84 89 Atta	3 3 3 3 3 3 vg.	3 3 3 3 Avg.	3 3 3	3 3 3 3	2 2 Lenent A	2 1 2 1	DIE CLOSE AND	1/1/200	1		11.7	vg ment of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Avg. Attainm		Av



Civil Engineering

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

HOD

Civil Engineering

Ajaenkya DY Paul School of Engineering

Lohegaon, Pune

Fig.					and water to be	10	16	205	2.00		1.33	100		Name and Address of the Owner, where the Owner, which the Owner, where the Owner, which the		- A	2.00	1.75		2.00		2.00	1	.00	2	00	4 2 5	100013	1.0	0	Z
BE AIVEN FOR 1987 AND PROPERTY OF STATE OF STAT						nmen	Att	piper of	Attainme	e Att	tainment of	AR	ainment	Atta	inment	1/1/8	of PO-7	Attainme		tainme	nt Att	ainment of	Attain	ment of	Attain	ment of			Attain	nent	Att
Fig. 12 Fig. 12 Fig. 13 Fig. 12 Fig. 13 Fig. 14 Fig.			CO-6	2.52	-		-		2 2 Ave	3	Ave	1	50	100	Val	-Ava	Attainment			1	COLUMN TOWNS			-		Vo	ikesi A	2	2		_
DE A INVENIOR COLVE 2 3 5 2 2 2 4 5 7 7 2 7 7 2 7 7 2 7 7		BE A QSCT		3			1		3		2		يسل	-	10000		3		2						2				1		
Re A PATINE PROPER TO SECONDA 1 - 1					_	+	+-		2	3		100 den 2003 de	2		2	2			2		3			2			3	2			
Column C			_		-	l delas			2 2			Section 1	374	Schladille Schutz-Sch	2								2			patients:		10		124	
BEATWRIM CO-3 2 3 3 7 2 2 2 2 2 2 2 2 2	9		CO-1		2		3		2 2	1	1 1			76.00 100.00			1		3						1	1		2		District Control	
Part Color	No	. ass (Div) & Sub	CO No.	O Attainme	PO1	ttainmo	e PO2	ttainme	PO3 ain	n PO	4 ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8 tair	nme PC)9 tain	m PO	10 ttainme	PO11	tainm	PO12	ttainme	PSOI	tainme	PSO2	ainm	PSC
Part						2,80		2.80	2,33		1.67		1.33		2,50		2.00	2.50		2,00			2	.00	1	.00.	2	00	2.0	0	
Fig. 1 Fig. 2 Fig. 3							200		The second second	e Att		93.5		19666	880 C	1 1 1 1 1 1		1.00		100000	nt At	(2)	100	300		10.00		757		1000	
Part			CO-6	2.52			75 0000000			3		id di	Ave			Ava	Attainment	THE PERSON NAMED IN	1	Ave 1	en sax	Ave 2	2		A A	Vo	Α			200000000000000000000000000000000000000	
Part Column Col	5	BE A DHS	_	3			1			_		Segr	1				3			2	2				2			2	1		
Part			AND DESCRIPTION OF THE PERSON		the later of the l	-			2		4.0		2		3									200	100		-	2	3		-
Part							-		2 2	-	on million art bug to are to Know are been		1435 A \$6.500	650.65	2	2	,		, ,	-	1 3		2	1,			3	0 - 6	3	3	
2 BE A IWRPM CO-2								3		1	1	000 L 4 0	dalayes erais dalayes arabi	0.34-11.0 R 514-3-2		Har templ wetter in	1		3	C20 S1 = 00					1	1	\$ 135 h	2	1	1	100
2 BE A IWRPM CO-2 7 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	· No	. ass (Div) & Subj	CO No.	O Attainme	POI	ttainme	e PO2	ttainme	PO3 ain	n PO	4 ttainme	PO5	ttainme	PO6	ttainme	PO7	Attainment	PO8 tair	nme PC)9 tain	ım PO	10 ttainme	PO11	tainm	PO12	ttainm	PSO1	tainme	PSO2	tainm	PS
2 BE A IWRPM CO-2 2 3 3 3 2 2 7 2 2 2 7 2 2 7 2 2 7 2 2 7 2 2 7 2 2 7 2 2 7 2 2 7 2 2 7 2		The same of the sa	e succession		N. C. Sales		0 6000	T	oration distribution was	A SEW		000042	Territory Verticality	10000000			Charles and Charles and	Comment of the comment		36 2.00		September 1				613214		610214	Color Color	100000	
BE A IWRPM CO-2 BE A IWRPM CO-3 To-4 To-5			3 - 1		and the second state of	Transfer to the same		Show Water and the same	Attainme	Att			ainment	Atta	inment	1000000	of PO-7	Attainme	Albert Const.	1000 SO THE	nt At								Attain	ment	- CA3
BE A IWRPM For a section of the content of the con		die stole	CO-0		A	Avg.	40.00	Avg.	Avg.	10000	Avg.		Avg.	A	Avg.	100000		Avg.		Avg.	M CS NO.	Avg.	A	vg.	A	vg.	A	vg.		2000	7
BE A IWRM CO-3	4	BE A HON	and the second second		Santaria Sedicitis				2 2			2	2			-			e e e			100000000000000000000000000000000000000			17.25	757 7 7	0		2	2	H
2 BE A IWRPM CO-5 1.8		DE 4 WOV		The state of the s	Helphan			11.74.2	9811					23,51		-														Time.	
2 BE A IWRPM Fig. 1									2 2	0.00	0.00	2	2	3	3	3												2150	2	2	
2 BEAIWRPM CO-5 1.8 CO-6 2 3 3 3 CO-6 2 CO-6 4 L5 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2								10000				100 H		3	3	2	3	3 3	1										18.83		
Part		is (DIV) & SUD	a nad au san	CADICAL CARTONICA AND	.01	- Carmine	1.0	wainine	1031111	-	- trailing	103	. Carllink	2	2	. 07	Attailment		, ,	// tail		1.5 Maining	1011	lamua.	1 012	e Carmill	301	camena	1.30/2	audul	,
EARLY BE A IWRPM CO-2 2 3 3 3 2 2 2 2 2 2 2 2 2	- No	nee (Div) & Subi	CON	O Attainma	POL	l.	PO1	ttainma	PO3hin	m PO	d stainma	PO5		PO6		PO7	Assainment	POS tois	me De	10 min	m PO	10 etainm	POLI	I	POLO		PSO		PSO2	100 G/64	DC
2 BE A IWRPM CO-5 1.8 CO-6 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					2	2.33		2	2.25		2.5		1.5		2		2,5									2	0.00	3	2.2	5	
2 BE A IWRPM CO-3 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2									1 1 1 1 1 1 1 1 1 1 1 1	All				100			of PO-7										171111111111111111111111111111111111111	- The Part of the			LA.
PEARCO 2 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2					100000000000000000000000000000000000000	-	Atto		A CONTRACTOR	Att		0.00				Avg	Attainment		ent A		nt At	Avg.	Attnin	wg.	Attain	vg.	Attni	vg.	Attain	g. ment	7
BE A IWRPM CO-2 BE A IWRPM CO-5 1.8 Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg	3	BE APC								3		Z		1000		-				05 051	CALL SHOP	mari bearing de			3	3	Awyers		1	1	
BE A IWRPM CO-2 BE A IWRPM CO-5 1.8 Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg.					3	3		920011	2 2	2		1	1	1	1,	-			20			The Constitution				2	3	3	2	,	
2 BE A IWRPM CO-5 1.8 CO-6 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				2.52	100.000		1000		2 2			Hill	5812011	3	3		3					ing Longo Gillian Longo Garago	l maranani o Maranani o	1111111	ecitive.				3	3	
2 BE A IWRPM CO-5 1.8				And the second second second second second	with the contract of	3	-						100 S S S S S S S S S S S S S S S S S S			effective reservoir								1000	Committee of the last				2	2	
BE A IWRPM CO-2 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		iss (Div) & Subj		10000) (talling						T U/A	(tallilli)	100			e Language of the second of th	TOO IAII		77 (411)) · · ·	10 113111111	Ton	damun	A 188		1301	taillitie	olt 1986		,
2 BE A IWRPM CO-5 1.8	- No	use (Dist) & Subi	CO No.	0.444-1						- PO		065			05320000	D/A7	10,15,000 a h 10,000	D/39 4			- P()	10 4-:									
E A IWRPM CO-5 1.8 CO-6 2 3 3 3 C Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg.					CONTRACTOR OF STREET	THE RESIDENCE OF THE PARTY OF T	M ASSESSMENT OF STREET		A CONTRACTOR OF THE PARTY OF	Au	CONTRACTOR OF THE PARTY OF THE	SECURIOR STATES	A STATE OF THE PARTY OF THE PAR	Extratoristics			CANADA PRO ANTONIO	Attainme	Strong Bascon	MANAGEMENT OF THE	nt Att	ainment of	OF MODERNOOMERS	ON PURCHASINA THE REPORT	 totocomosumos 		CONTRACTOR OF THE PARTY OF THE	-	CONTRACTOR	CONTRACTOR CONTRACTOR	140000
CO-2 2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							9.00/ 12		The state of the s		100				The second second	10.77			1/20	2022					A				DEE CONSTR	100	
CO-2 2 3 3 2 1	-	BE A IWRPM			3	3						-	3	2	2	-							2	2		-			2	2	3
CO-2 2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	DE A BUDDA			1	1	2	2	2 2	2	2	ALL DESCRIPTIONS	2	2	2	100			2	2		0.00			-	-	1	PERSONAL PROPERTY AND PROPERTY			
			CO-3	2					2 2			2	2	161.69									2	2	-		-	-			
						3	2	2	2 2	1	L			2	2	2	2				103 123 1 103 123 1		2	2	100000		2	2			2

Principal
Aleenkya DY Patil School of

HOD
Chrob Engineering
Alsenkya DY Patil School of Engineering
Lohegava, Pune

Empowerment Through Quality Tec

Education

Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge City,
Charholi (Bk), Lohegaon, Pune – 412 105
Website: https://dypsoe.in/

											Depar	tment	of Ele	ctronic		Feleco .Y 202		ication Semeste		incering	Fon	m No. I	QAC/36	V								
Sr. No.	Class (Div) & Subject	CO No.	CO Attain ment	POI	Attain ment	PO2	Attain ment	PO3	Attain	PO4	Attain ment	PO5	Attain ment	PO6	Attain ment		Attain ment	A	ttai	PO9 Attai	PO10	Attai nmen	PO11	Attai nmen	PO12	Attai nmen	PSOI	Attai nmen	PSO2	Attai nmen	PSO3	Att
	Subject	CO-1	D9:AE	2.00	2.00	1.00	1.00	2.00	2.00	1.00	1.00								1	t		1		t		t	3.00	3.00		t		t
		CO-2	3.00	1.00	1 00	2.00	2.00		in h		1,00			1777											E E E		2.00	2.00				
		CO-3	3.00	2,00	2.00	10000		的影响社员	14833	100	推過時期		NAME:	BARR				15,677	838		MARK R	811			THE STATE OF		2,00	2.00			9800	
,	SE (A)-	CO-4	3.00	1.00	1.00	2.00	2.00			1.00	1.00			THE	20.00						1500					HHE	2.00	2.00			10737	
	DS	CO-5	3.00	1.00	2.00	1.00	1.00	1.00		1.00	1.00		S. 16 (A)																	2.00		2.0
		CO-6	3.00	2.00 A	-	Printer	1.00 vg.	1.00 A	1.00 vg	1.00	1,00 vg.	A	10	Δ,	vg.	A	10	A107		Arm				186			1.00		1.00	1300,000,000,000		1.0
				Attair		A 2776-1	nment		inment		nment	Attair		Attair			nment	Attainm	ent	Avg. Attainment		vg. nment	Attain	100	Attain		Attain		A	0.00	Av	
				STREET & STREET, STREE	60		.50	March Street, Street, Street, St.	33	AND DESCRIPTION OF THE PARTY OF	00	CONTRACTOR OF STREET	00							- Actanometra	Mai	The state of	Auan	MARIE	Attan	inch.	Attain 2.0		2.0	nment	Attain 2.0	CVR/2001
		CO-1	3.00	2.00	2.00	3.00	3.00	3.00	3.00	(ALSE MICE)	ensitiese	1.00	1.00	Marian and American	09253#666	Birth P. S.	Characaso	CHESTOROR SHA	PERMIT		e prometure	DELECTION OF	1.00			MICHERALISM N	DAMES OF THE OWNER, TH	Sammente	THE REAL PROPERTY.			2000
		CO-2	3.00	3.00	3.00	2.00	2.00	3.00	3.00			1.00	1.00	1.00	1.00	Selection in	169 Marie 2 15 B II 48 B		129285			1000	1.00	1.00	THE PERSON NAMED IN		1.00	1.00		3.00		
		CO-3	3.00	3.00	3.00	2.00	2.00	2,00	2.00	2.2.302	12 12 5		3,235,53	1.00	1.00						CHEST OF THE PARTY	Manual St.	CONTRACTOR OF STREET	t disclosing out so allo	1.00	00836	1.00		CONTRACTOR OF	3.00		
	SE (A)-	CO-4	3.00	2.00	2.00	3.00	3.00					2.00	2.00							0.000	The State of the S	ENDERED ENDERED		Salara S	1.00		-	3.00	The second second	2.00		
2	Electroni	CO-5	3.00	3.00	3.00	3.00		3.00	3.00			2.00	2.00		5,000	Extended					A LANGE	676.55		EU 1.5	1.00		3.00	5.00	1.00	1.00		POP.
	c Ckt	CO-6	3.00	2.00	2.00	3.00	3.00	SIST I	E CALCU			1.00	1.00	GENERAL STREET, STREET	DAY OF		Mada		NES					118	1223	19.02	2.00	2.00	1.00	1.00		
				A			vg.		vg.	A		Av		Av	57.00	A	g.	Avg.		Avg.	A·	vg.	Av	g.	Av	g.	Av	-	Av	g.	Av	-
				Attair	-		nment	STREET, STREET	nment	Attair	nment	Attair		Attair	Management of the last of the	Attair	ment	Attainm	ent	Attainment	Attai	nment	Attain		Attain	ment	Attain	ment		ment ,	Attain	
		COL	2 00	3,0	Section of the second		2.00	THE REAL PROPERTY.	.00	1.00	1.00	2.0	10	1.0	10								1.0	STATE OF STREET	1,3	POSTERO DE LA COMPANSION DE LA COMPANSIO	2.0	PROPERTY OF THE PARTY OF	3.0	NAME AND ADDRESS OF	機關解說	
		CO-1 CO-2	3.00	3.00	3.00		3.00	278 (1930) 272 273 (193		1.00	1.00			1.00	1.00				10/5	1.00 1.00			1.00	-	1.00	1.00	1.00		1.00	ACCOUNT OF THE PARTY OF THE PAR		
		CO-3	3.00	3.00	3.00	3.00			BENEVER SE	1.00	1,00	1.00	1.00	1.00	1.00					1.00 1.00	1.00	1.00	1.00	1.00			2.00	-	1.00	1.00	- Indicate the second of	1.0
	SE (A)-	CO-4	3.00	1.00	1.00	1.00		THE STATE OF	· · · · · · · · · · · · · · · · · · ·		在10000000 有数据周围	1.00	1.00	1.00	1.00	1.00	1.00				FESTER I		100				1.00	1.00		HERE	CONTRACTOR OF THE PARTY OF THE	1,0
3	Electric	CO-5	3.00	2,00	2.00	1.00		148						1.00	1.00	2.00	2.00						2.00	2.00	1.00	1.00	1.00	1.00	1.00			2.0
	Ckt	CO-6	3.00	1.00	1.00	1.00		2.00	2.00	2,00	2.00	2.00	2.00	2.00		1.00						2011 SP 13	2.00		1.00		1.00	1.00	1.00	1.00	2.00	2.0
	A NO		5 1 to 1	Av	g.	A	vg.	A	vg.	A		Av		As		A		Avg.		Avg.	A	/g.	Av		Av		Av	2	Av	· O	Av	District.
			100.10	Attair	THE RESIDENCE AND ADDRESS OF	AND DESCRIPTION OF THE PERSON NAMED IN	nment	CONTRACTOR IN PROPERTY.	nment	Attair	AND DESCRIPTION OF THE PERSON	Attair	PRODUCTION OF THE PERSON NAMED IN	Attair	Contract Con	Attair	The Part of the Pa	Attainmo	ent	Attainment	Attair		Attain	7.	Attainr		Attain	70	Attain		Attain	
				3.0		2.	SERVICE SERVICE	2.	.00	2.0	Ж	2.0		2.0	10	2.0	00		GPERSON IN	1.00	1.	00	2.0	0	2.00	0	2,0	0	1.0	00	2.0	腿
		CO-1	3.00	_	2.00	3.00						1.00	1.00				S.FEE						1.00	1.00	2.00	_			ACCUPATION OF THE PARTY OF THE			
		CO-2	3.00	2.00	2.00	3.00	3.00	2.00	2.00	25 (073F 551 20 (053F 554)	· 中華 · · · · · · · · · · · · · · · · · ·	2.00	2.00	1.00			图 改印 图	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			新田田町				1.00		1.00		3.00		E BEE	雄
	SE (A)-	CO-4	3.00	2.00		3.00	3.00	2.00	2.00		3000	2.00	2.00	THE REAL PROPERTY.	MORNEY TO		HARTIST STATES				PRAIS.	OK SATISFIES	10835		W 1-11-4		3.00					超
4	Digital	CO-5	3.00	2.00		3.00	3.00		Marie Spille		HEAT HEAT	1.00	1.00				が日本第3 第3回回回		HONOR OF		(日本)日本			DATE TO S	1.00	1.00	3.00		1.00		Carried States	
	Ckt	CO-6	3.00	2.00	2.00	3.00	3.00	THE REAL PROPERTY.		32.10.11.11.11		1.00	1.00								HE RESENTED						2.00		1.00			
			PRODUCTION OF THE PARTY	Av	g.			A	vg.	Av	g.	Av	g.	Av	g.	Av	g.	Avg.	ALBRED S	Avg.	A	D.	Avg	DIRECTOR OF THE PARTY OF T	Avg		Avg		Av	Or .	Avg	SHE
4				Attain				Attai	nment	Attain		Attain		Attain	70.0	Attain	TATE OF THE PARTY	Attainme	nt	Attainment			Attainr		Attainn		Attainr		Attain		Attainr	
	27 0			3.0	0	3.1	00	2.	00	MEDI		2.0	0	1.0	0			apparen.					1.00		2.00	-	2.00		3.0			
		CO-1	3.00	3,00	3.00	2016			SERVE								12303								2.00	2.00	1.00	1.00			FEB SE	
		CO-2	3.00	3.00	3.00	2.00	2.00	1.00	1.00	1,00	1 00			rodal t	ne de la la										2.00	2.00	1.00	1.00				
		CO-3	3.00	3.00	3.00		2.00	1.00	1.00	1.00	1.00	SE SE	Mark S	el yate		100	House.	SE 1803 150	B. C.						2.00	2,00	1.00	1.00			B. B. J.	85
	SE (A)	CO-4	3.00		3,00	2.00	2.00	1.00	1.00	1,00	1.00		1188				ERSE PAR				2931						1.00			HELL!		
3	M-III	CO-5		13/00	00			NAME OF															\$250		2.00							R.
		CO-	0	300	11	Av	10	A	STATISTICAL STATES	Av	SETENS.	Av		A11			TELESPE!								2.00		1.00					
			7 3	ttain	Mary II	Attair			nment	Attain	Control of the last	Attain		Attain	Tarana and a second	Attain		Avg. Attainme	ent	Avg. Attainment	Attain	The second second	Avg		Avg		Avg		Ave		Avg	
W		11	1 3	3.0		2.0	THE RESERVE OF THE PERSON NAMED IN	1.0	CONTRACTOR OF THE PARTY OF THE	1.0	WAS TO SHARE THE PARTY OF					Attain	ASSESS OF	Attailine		Attailment	Auan	ment	Attainn	ien	Attainn 2.00		1.00	SHOWING BOOK	Attain	ment	Attainn	ent
2(0)		118	1	2	31			To Section				0.00	NAME OF TAXABLE PARTY.	District D	AND DESIGNATION	RINGS I	University of	and the same of th	ama di		THE PARTY OF			marati A	2.00	AND DESCRIPTION OF THE PARTY OF			CONTRACTOR OF STREET	-	Union Alexander	802
		CO	300	-00	9/	3.00	3.00	3.00	3.00	1,00	1.00	2.00	2.00	100		CLE TO										0.5	2,00	2.00	3.00	3.00	3.00	.00
		CO-2	TUTE	1949	200	2.00	2.00	2.00	2.00	1270				1.00	1.00	1.00	1.00							7			2.00		2.00			
		A SALES OF THE SAL					CONTRACTOR CONTRACTOR CO.	CONTRACTOR CONTRACTOR	01/00/08/08/09/09/0	OF WALKERS	E STATE OF	STATE OF	11111	GARRE			SUITE !		SEC 5			Barrier .	1000	Birth (SUMBER OF	2 3 5 1	2 00	2.00				
		CO-3	3000	محللك	3.00	2.00	2.00			SHAPESTA	11.75-11Pa.75	10/2003/2005	STATISTICS.	25,000,000,000,000	SECULATION OF THE	DISCUSSION OF	REMIND PORTING	A SOURCE OF THE REAL PROPERTY.	THEHAT	CHECKE GET ENERGISCHE	THE HELITA	POLYHPROTHESIS	SOUTH THE PARTY	214HFRS1459	DEFENDANT DE	COMPENSION	2.00	2.00	2.00	2.00	THE RESERVE OF THE PARTY.	
	TE (A)-	A SALES OF THE SAL	3.00	2.00	2.00	2.00	2.00	1.00	1.00			1.00	1.00																		1.00	.00
8	TE (A)- EMFT	CO-3	3.00	2.00 3.00	CHICA SOLUTION OF THE	A CONTRACTOR OF THE REAL PROPERTY OF THE REAL PROPE	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00										1.00	1.00	2.00	2.00		.00

Ajeenkya By Patil School 85 Engineering, Lohegaon, Pune

Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Attainment 3.00 3.00 CO-1 3.00 3 00 3.00 1.00 1.00 CO-2 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 CO-3 3.00 3.00 3.00 2.00 2.00 CO-4 TE (A)-3.00 3.00 3.00 1.00 1.00 3.00 3.00 CO-5 DC CO-6 3.00 3.00 3.00 2.00 2.00 3.00 3.00 Avg. Attainment 3.00 3.00 3.00 3.00 3.00 3.00 3.00 CO-1 3.00 3.00 3.00 1.00 1.00 3.00 3.00 CO-2 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 CO-3 2.00 2.00 CO-4 3.00 3.00 3.00 TE (B) 3.00 3.00 3.00 1.00 1.00 3.00 3.00 CO-5 DC 3.00 3.00 3.00 2.00 2.00 300 300 CO-6 Avg. Avg. Avg Avg. Avg. Avg. Avg. Avg. Avg Avg. Avg. Avg. Avg Avg. Avg. Attainment 3.00 3.00 3.00 3.00 3.00 CO-1 3,00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 2.00 2.00 3.00 3.00 3.00 3.00 3.00 3.00 1.00 1.00 CO-2 3.00 3.00 2.00 CO-3 3.00 3.00 3.00 3.00 3.00 2.00 3 00 2.00 1.00 2.00 2.00 CO-4 3.00 3.00 3.00 2.00 2.00 TE (A)-3.00 3.00 3.00 2.00 2.00 2.00 2.00 2.00 2.00 3.00 3.00 2.00 CO-5 MC 2.00 2.00 1.00 1.00 200 200 3.00 1.00 CO-6 Avg Avg. Avg. Avg Avg. Avg. Avg. Avg Avg Avg. Avg. Avg. Avg. Attainment 3.00 3.00 2.00 2.00 1.00 3.00 2.00 2.00 CO-1 3.00 3.00 3.00 1.00 2.00 | 2.00 | 3.00 | 3.00 1.00 1.00 2.00 2.00 2.00 1.00 1.00 2.00 2.00 .00 1.00 1.00 CO-2 3.00 3.00 3.00 2.00 2.00 1.00 1.00 3.00 3.00 CO-3 2.52 3.00 3.00 3.00 3.00 1.00 1.00 2.00 2.00 2.52 3.00 3.00 2.00 2.00 2.00 2.00 1.00 1.00 1.00 1.00 2.00 2.00 1.00 1.00 2.00 2.00 TE (B)-2.00 1.00 3.00 2.00 2.00 2.00 1.00 1.00 | 1.00 MC 1.00 1.00 2.00 2.00 CO-6 3.00 3.00 3.00 2.00 | 2.00 | 1.00 1.00 1.00 1.00 1.00 1.00 Avg. Avg. Avg. Avg. Avg. Avg. Avg Avg. Avg Avg Avg. Avg. Avg. Avg. Avg. Attainment 2.00 2.00 2.00 2.00 1.00 3.00 3.00 3.00 2.00 2.00 1.00 2.00 2.00 2.00 1.00 | 1.00 | 2.00 | 2.00 | 2.00 | 2.00 1.00 1.00 CO-1 3.00 3.00 3.00 2.00 1.00 1.00 2.00 2.00 2.00 2.00 3.00 CO-2 3.00 2.00 2.00 2.00 2.00 1.00 | 1.00 2.00 2.00 1.00 1.00 2.00 2.00 CO-3 CO-4 3.00 3.00 3.00 2.00 2.00 2.00 2.00 TE (A)-3.00 2.00 2.00 1.00 1.00 2.00 | 2.00 2.00 | 2.00 1.00 1.00 CO-5 CN 3.00 3.00 3.00 2.00 | 2.00 1.00 1.00 2.00 | 2.00 CO-6 Avg. Avg. Avg. Avg Avg. Avg Avg Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg. Attainment Attainment Attainment Attainment Attainment Attainment Attainment Attainmen Attainment Attainment Attainment Attainment Attainment Attainment 2.00 2.00 2,00 3.00 2.00 2.00 2.00 1.00 1.00 2.00 2.00 1.00 1.00 2.00 2.00 2.00 2.00 1.00 1.00 CO-I 3.00 3.00 3.00 2.00 2.00 2.00 2.00 3.00 1.00 1.00 2.00 2.00 2.00 2.00 CO-2 1.00 1.00 2.00 2.00 1.00 1.00 2.00 2,00 2.52 2.00 2.00 2.00 CO-3 2.00 2.52 3.00 3.00 2.00 2.00 2.00 2.00 CO-4 TE (B)-3.00 2.00 2.00 1.00 1.00 2.00 | 2.00 2.00 2.00 1.00 1.00 CO-5 CN 3.00 2.00 2.00 3.00 3.00 2.00 2.00 1.00 1.00

PO4 Attain

ment

Attain

ment

Attain

ment

PO1

Attain

ment

CO No.

(Div) &

Subject

Attain

ment

PO2

Attain

ment

PO5

Attain

ment

PO6

Attain

ment

PO8 | nmen

PO7

Attai

PO9

Attai

Attai

nmen PO10 nmen PO11 nmen PO12 nmen PSO1 nmen PSO2 nmen

Engineering, Lohegaon, Pune Ajeenkya DY Patil School of Principal

Attai

PSO3 nmen

Attai

Marie	No.	Subject		ment		ment		ment		ment		ment		ment		ment	ne ne		t		t		t	t			t	200	t		t	A
Chi 150 2																	Avg.	10.00		100000000000000000000000000000000000000		Avg.	ent /	Avg. Attainmen	1000	Avg.	ent			1 (12° + 507 (52))	1000	Attain
COL 300 200		100 0 174			THE RESIDENCE OF THE PARTY OF T	THE RESERVE OF THE PERSON NAMED IN COLUMN 1	INCOMES ASSESSMENT OF THE PARTY OF	THE RESERVE TO SERVE			THE RESERVE AND PROPERTY.	Control of the Contro		more of memory and restricts			Attainmen	Atta	I BEE	Maria	Tiene I	TOTAL COLD										
Temporal Content Temporal Co							THE REAL PROPERTY.		TO SERVICE OF SERVICE	DATE OF THE PARTY	The second second	ALL PARTY OF THE P	DIVIDED SALES			The state of the s							210						110 6			
TRAY Cont 100 10	П	DEC 15	CO-1	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00											1	1.00 1.0	0			1.00	1.00	1,00	SO RECORDED IN	
Tright Color St 100			CO-2	3.00	1,00	1,00	2.00	2.00	1.00	1.00	1.00	1.00												1.00 1.0	0			1.00	1.00	1.00	1.00	
1			CO-3	2.52	1.00	1,00	2.00	2.00	2.00	2.00	2.00	2.00											FEET					1.00	THE RESIDENCE	11040000000000000	THE RESIDENCE OF THE PARTY OF T	
Publs Cock 300 100 100 100 100 200 201 2		TE (A)-	CO-4	2.52	1.00	1.00	1.00	1.00	2.00	I DOWN THE REST		-	THE RESERVE AND ADDRESS OF THE PARTY NAMED IN										1	1.00 1.0	0		7	25 10012	-	ANTHONY PROPERTY.		
Fig. Col. Sign	5	DBMS	CO-5	THE PARTY OF THE P	THE RESERVE OF	1.00		and the second second	AND DESCRIPTION OF THE PERSON NAMED IN	SCHOOL SECTION				The second second																		5 61
Part			CO-6	3.00	- Contract of the Contract of	Linear Harrison			The second second second	-							ALIE		93944	THE CASE		Ave.	田田田東	DESCRIPTION EXPERIENCE	SCHOOL STREET	Ave						Ave
COL 3.00 2																		12 SA		Vacanta and	2007/23/20		ent /				ent					
Col. 3 C									The second secon	- Contraction of the Contraction			The second secon	THE RESERVE OF THE PERSON NAMED IN	NEW P					ROBER S								1.0	0 .	1.	00	
Col. 3 col. 100 100 200 200 100					organization comp	CHIPPING NAMED	Market Brown Co.	and the second		Edward	Market											Men E			Tis						EN/PU	
Col. 300 100 100 200		Tive.	CO-1	3.00	2.00	2.00	2.00	2,00	2.00	2.00	2.00	2.00											THE RESERVE	CHARDING LAKERY	_	The state						
Tright Col. 2.50 1.00 1.00 1.00 1.00 2.00 2.00 2.00 2.00 2.00 1.00			CO-2	The Late of the County		COLUMN TWO DESIGNATIONS		TO THE PERSONS ASSESSMENT		NAME OF TAXABLE PARTY.				REE S						No.	26111		1	1.00 1.0	0							
Part			CO-3				The Print of the Local Co.																		-				-			
COL SOD 100 100 100 100 200 200 200 200 100	16			_		THE RESERVE OF THE PARTY OF THE		Handle Sale Street	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU	A STATE OF THE PARTY OF THE PAR		Marie Control									HOVE !			1.00 1.0	0		10.200	1001110000				
Avg		DBMS	NAMES OF TAXABLE PARTY.			The second second	arrows to the later of the		201 11 20 20 20 20 20 20 20 20 20 20 20 20 20	THE R. P. LEWIS CO., LANSING MICH.		March Contraction	NAME AND ADDRESS OF THE OWNER, WHEN PERSONS AND ADDRESS O	The state of the s	1.00									100 10	0	mar Sign	_					
The column The			CO-6	3.00	THE REAL PROPERTY.	A STATE OF THE PARTY OF	105 DE 90136 SILL			THE PERSON NAMED IN	THE RESERVE OF THE PERSON NAMED IN	-				/P.	Ave	A	Avg.	Av	2.	Avg.	III 3323 351	The second second	_	Avg.	THE PARTY NAMED IN			-		Av
Fig. 60-1																			EST DA		Parks I		860		MARK		Est 9	ALL PROPERTY OF THE PERSON NAMED IN	and the same of		-	TO SERVICE STATES
RE (A) Part				10.17	STATEMENT TO PE	NUMBER OF STREET	ALESSA DE LA COLONIA											100 25			01151		li si	dy								34
NATE CO-5 300 10			COURTED STREET		ORDER DESCRIPTION OF THE PERSON OF THE PERSO	STATE OF THE REAL PROPERTY.		WHICH ADDRESS.	1.00	1.00	1.00	1.00	1.00	1.00														3.00	3.00	1.00	1.00	1.00
Mart Co.5 3.00 1.00		BE (A)-		CONTRACTOR DESCRIPTION		Name and Address of the Owner, where			THE PERSON NAMED IN			THE PERSON NAMED IN		2017/04/04/04						MATE.								2.00	2.00	1.00	1.00	
Avg	17		CO-5	3.00	1.00	1.00	1.00	1.00	1.00	MENTAL STREET		-												機能能			A THURSDAY	N TOO SHOW				
No.			CO-6	3.00	1.00	1.00	193996922353	Charles and Artist	1.00	1.00	2.00	2.00	THE RESERVE					COURS OFFICE PARTY	UL WILPING STOR						H EN	19 11					TECHNOLOGY CAN	
Record Section Secti		277						-	THE RESERVE THE PERSON NAMED IN	THE RESERVE OF THE PARTY OF THE	THE RESERVE THE PERSON NAMED IN	CONTRACTOR OF THE PARTY OF THE			A	rg.	Avg.			AV	g.	Avg.	BORD BY	Avg.		Avg.	STATE OF					
No. Section	\perp	_			2.1	H	2.0	00		10 min	OTHER DESIGNATION OF THE PERSON OF THE PERSO	UU		UU ANIANA	DECEMBER 1	NEW PROPERTY.			GUC .			PHOTO PHOTO	niem up	Chillian Children	Sed All Sed	DESCRIPTION OF	CHOICH FOR			ESTREET,	APSENDING	
BE (A)- VLSI BE (A)- VLSI BE (A)- VLSI BE (A)- VLSI CO-4 3.00 3.00 3.00 2.00 2.00 2.00 1.00 1.00 1.00 1.00 1		- WE151	CO-1	3.00			AND COMPANY OF THE PARTY OF THE	THE SPECIOLOGICAL	THE PERSON NAMED IN						A Property of the Party of the	MPT SEPARATION					118						100		A PROPERTY OF	34.5		2.00
BE (A)- VLSI BE (A)- CO-5 3.00						-	_	_	The second second		-	-		10000	THE PART OF THE PARTY.							1.00 1	.00				The second second		BELOW STATES CO.			2.00
Second Fig.			TOTAL PRODUCTION AND IN	2010/2010/2010/	_	-	Company of the last of the las		THE PERSON NAMED IN	ENGLISH CONTRACTOR	2.00	2.00		THE RESERVE OF THE PERSON NAMED IN	ALCOHOLD SEPTEMBER		2 20 2			12000				TEHN DAY			CHECOSES P.	100000000000000000000000000000000000000	and the second second			3.00
VIST CO-6 3.00	18		THE RESERVE AND THE PARTY OF TH	Contract Con	-		A CONTRACTOR OF THE PARTY OF TH		Market Street, Street, St.		2.00	2.00	1.00	1.00	1.00	1.00	2.00 2.	0							The State of the	Charles and the		2.00	2.00			
Attainment Att		VLSI	THE 2 II S II THE LOCAL IN CO.	THE RESIDENCE	Open Charles of Control of the		3.00	3.00			2.00	2.00	SCHOOL		建筑机构				B REPUBLIC	S-1 (-1)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			113	1	10000	2.00	2.00			1.00
Attainment Att			CU-0	3.00	3.00	HEADING THE COLUMN	A	R.			A	vg.	A	vg.	A	vg.	Avg.	P	Avg.	Av	g	Avg.	CATCHE SEP	Avg.	10000	Avg.	and the last	-	-	A	/g	THE PERSON ASSESSMENT
		23	1 - 12 2 - 10 10		A۱	12.		-	100000000	-	THE RESIDENCE		Attair	nment	Attai	nment	Attainme	0.00				Attainme	ent /		t At	tainm	ent	Attain	ment	The state of the s	With the same	Attain
BE (A)- Cloud Compati ng October Column C								nment	Attair	nment	Attan				CHEMINE ST	00	2.00					1.00				1.00	S	2,0	10	能是领导		2.0
BE (A)- Cloud Computing Ing When the control of th					Attair	nment	Attain						1.	DO MAIN	能夠問題的	CALIFORNIA SECTION		The second second						THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	The second							BARNING STREET
BE (A)- Cloud Computing BE (A)- Cloud BE (A)			CO-1	3,00	Attair 3.0	nment 00	Attain		2.	00			1.	00	The state of the s	Section action	3.00 3.	0														
Cloud Computing CO-4 3.00 2.00 2.00 2.00 3.00 3.00 3.00 3.00					Attair 3.00	3,00	Attain 2,0	00	3.00	00	2.0	00	MARI		The state of the s	Section action																
Computing CO-5 3,00 3,		DE (A)	CO-2	3.00	3.00 3.00 3.00	3,00 3,00	Attain 2.0	3.00	3.00	3.00	2.00	2.00	3.00	3.00	2.00	2.00	2.00 2.	0		3,00	3.00											
The large The		100000000000000000000000000000000000000	CO-2 CO-3	3.00 3.00	3.00 3.00 3.00 3.00 2.00	3,00 3,00 3,00 2,00	3.00 3.00 2.00	3.00 3.00 2.00	3.00 3.00 3.00	3.00 3.00 3.00 3.00	2.00 2.00 2.00 2.00	2.00 2.00 2.00 2.00	3.00 2.00 3.00	3.00 2.00 3.00	2.00	2.00 2.00 3.00	2.00 2.0 2.00 2.0 3.00 3.0	0 0							2.0	000						
Attainment Att	19	Cloud	CO-2 CO-3 CO-4	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00	3,00 3,00 3,00 2,00 3,00	3.00 3.00 2.00 3.00 2.00 3.00	3.00 3.00 3.00 2.00 3.00	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00	2.00 2.00 2.00 2.00 3.00	2.00 2.00 2.00 2.00 3.00	3.00 2.00 3.00	3.00 2.00 3.00	2.00 2.00 3.00 3.00	2.00 2.00 3.00 3.00	2.00 2.0 2.00 2.0 3.00 3.0 3.00 3.0	0 0			3.00	THE COLUMN TWO IS NOT THE PARTY.	CONTRACTOR DESCRIPTION		2.0	00						
CO-1 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	19	Cloud Computi	CO-2 CO-3 CO-4 CO-5	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00 3.00	3,00 3,00 3,00 2,00 3,00 3,00 3,00	3.00 3.00 3.00 2.00 3.00 3.00	3.00 3.00 3.00 2.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00 3.00	2.00 2.00 2.00 3.00 2.00	2.00 2.00 2.00 2.00 3.00 2.00	3.00 2.00 3.00 3.00	3.00 2.00 3.00 3.00	2.00 2.00 3.00 3.00 2.00	2.00 2.00 3.00 3.00 2.00	2.00 2.0 2.00 2.0 3.00 3.0 3.00 3.0 3.00 3.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3,00	3.00	2.00 2	.00		2.0	00 00 00		A-	a	۵۰	i i	Ave
CO-2 3.00 3.00 3.00 3.00 3.00 2.00 2.00 3.00 3	19	Cloud Computi	CO-2 CO-3 CO-4 CO-5	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00 3.00 3.00	3,00 3,00 3,00 3,00 2,00 3,00 3,00	3.00 3.00 3.00 2.00 3.00 3.00 Av	3.00 3.00 2.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00 3.00 Av	3.00 3.00 3.00 3.00 3.00 3.00	2.00 2.00 2.00 3.00 2.00 Av	2.00 2.00 2.00 2.00 3.00 2.00	3.00 2.00 3.00 3.00	3.00 2.00 3.00 3.00	2.00 2.00 3.00 3.00 2.00 A	2.00 2.00 3.00 3.00 2.00	2.00 2. 2.00 2. 3.00 3. 3.00 3. 3.00 3. Avg.	000000000000000000000000000000000000000		3,00 Av	3.00 g.	2.00 2 Avg	.00	Avg.	2.0 2.0 0 2.0	00 00 00 Avg.			272 P. J. L.	11100.51	1673 July 1	1000
CO-2 3.00 3.00 3.00 3.00 3.00 2.00 2.00 3.00 3	19	Cloud Computi	CO-2 CO-3 CO-4 CO-5	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00 3.00 3.00	3,00 3,00 3,00 2,00 3,00 3,00 3,00 yg.	3,00 3,00 2,00 3,00 2,00 3,00 3,00 Av	3.00 3.00 2.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00 Av	3.00 3.00 3.00 3.00 3.00 3.00 vg	2.00 2.00 2.00 3.00 2.00 Av	2.00 2.00 2.00 2.00 3.00 2.00 vg.	3.00 2.00 3.00 3.00 Attai	3.00 2.00 3.00 3.00	2.00 2.00 3.00 3.00 2.00 Attai	2.00 2.00 3.00 3.00 2.00 vg.	2.00 2.00 3.00 3.00 3.00 3.00 3.00 3.00	000000000000000000000000000000000000000		3,00 Av	3,00 g. ment	2.00 2 Avg Attainme	.00 1	Avg. Attainmer	2.0 2.0 0 2.0	00 00 Avg.	ent		272 P. J. L.	11100.51	1673 July 1	
00 2 3 3 00 3 00 3 00 3 00 3 00 3 00 3	119	Cloud Computi	CO-2 CO-3 CO-4 CO-5 CO-6	3.00 3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00 3.00 3.00	3,00 3,00 3,00 2,00 3,00 3,00 3,00 72 mment	3,00 3,00 2,00 3,00 2,00 3,00 3,00 Av	3.00 3.00 2.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 3.00 3.00 Attain 3.	3.00 3.00 3.00 3.00 3.00 3.00 vg	2.00 2.00 2.00 3.00 2.00 Av	2.00 2.00 2.00 2.00 3.00 2.00 vg.	3.00 2.00 3.00 3.00 Attair	3.00 2.00 3.00 3.00	2.00 2.00 3.00 3.00 2.00 Attair 3.	2.00 2.00 3.00 3.00 2.00 vg.	2.00 2.00 3.00 3.00 3.00 3.00 3.00 3.00	00 00 00 00 00 00 00 00 00 00 00 00 00		3,00 Av	3,00 g. ment	2.00 2 Avg Attainme	.00 1	Avg. Attainmer	2.0 2.0 0 2.0	00 00 00 Avg.	ent		272 P. J. L.	11100.51	1673 July 1	1000
	19	Cloud Computi	CO-2 CO-3 CO-4 CO-5 CO-6	3.00 3.00 3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00 2.00 3.00 3.00 3.00	3,00 3,00 3,00 3,00 2,00 3,00 3,00 72 mment 00	3,00 3,00 2,00 3,00 2,00 3,00 3,00 Av Attau	3.00 3.00 3.00 2.00 3.00 3.00 yg.	3.00 3.00 3.00 3.00 3.00 3.00 Attain 3.	3.00 3.00 3.00 3.00 3.00 3.00 vg	2.00 2.00 2.00 3.00 2.00 Attair 3.4	2.00 2.00 2.00 2.00 3.00 2.00 vg. nment	3.00 2.00 3.00 3.00 Av Attain 3.	3.00 2.00 3.00 3.00 3.00	2.00 2.00 3.00 3.00 2.00 Attair 3.	2.00 2.00 3.00 3.00 2.00 vg.	2.00 2.00 3.00 3.00 3.00 3.00 3.00 3.00	00 00 00 00 00 00 00 00 00 00 00 00 00		3,00 Av	3,00 g. ment	2.00 2 Avg Attainme	.00 1	Avg. Attainmer	2.0 2.0 0 2.0 t At	00 00 00 Avg. tainme 2.00	ent		272 P. J. L.	11100.51	1673 July 1	1000

PO5 Attain

ment

Attain

ment

PO4

Attain

ment

PO6

Attain

ment

PO8 mnen

PO7

Ponttain

ment

Attain

ment

PO2

Attain

ment

Ajeenkya DY Patil School of Engineering, Lohegaon Pune

Class

(Div) & Subject

CO No.

Attain

PO1

Sr. No.

60

PO9 | Attai | Attai | Attai | Attai | Attai | PO11 | nmen | PO11 | nmen | PO12 | nmen | PSO1 | nmen | PSO2 | nmen | PSO3 | nmen

	Class (Div) & Subject	CO No.	CO Attain ment	PO1	Attain ment	PO2	Attain ment	PO3	Attain ment	PO4	Attain ment	PO5	Attain ment	PO6	Attain ment	PO7	Attain ment	PO8	nmen t	PO9	Attai nmen t	PO10	Attai nmen t		Attai nmen t		Attai nmen t		Attai nmen t	PSO2	Attai nmen t		Atta nmei t
	Cloud	CO-4	3.00	2.00	2.00	2.00	2.00	3.00	3.00	2.00	2.00	3,00	3.00	3,00	3.00	3.00	3.00									H-F				1200			
20	Computi	CO-5	3.00	3.00	3.00	3.00	3.00	3.00	3,00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00			3.00	3.00	2.00				2.00				11200			
	ng	CO-6	3.00	3.00	3.00	3,00	3,00	3.00	3.00	2.00	Acceptable and the second			200000000000000000000000000000000000000	2.00	3.00	3.00	A.	BHL-12		10000		2.00		COLUMN TO SERVICE	2.00				Parks.	09300	A.	14.60
				Attair	222 CT 100 11 11		vg. nment	Attai	vg. nment	Attai	AND SHOULD BE	Attair	STATE OF THE PARTY	741.73	vg. nment	Attair	/g. nment	2.5000	vg. nment	Attain	STATE OF A	Attair	nment	Attain	The 1975	Attair	15722111	Attain	The Control of the	Attair		Attain	- Charles
				33	AND RESIDENCE OF THE PERSON NAMED IN	DAY STREET, SQUARE,	50	THE PERSON NAMED IN	33	THE RESERVE AND ADDRESS.	50	3,	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PERSON NAMED IN	50	2.	CONTRACTOR OF THE PARTY OF THE	The second second	50	2.4		2.	The second secon	3.0		12	THE REAL PROPERTY.	2.0		2.7	THE REAL PROPERTY.	2.3	
		go t	2.00	2.00	2.00	2.00	2.00	ALELE AND	SCHOOL REPORT	1.00	1.00	College	HE COLUMN	DARIE 18-10	WHEN A CASE		DESCRIPTION OF THE PERSON OF T	8 10 20 100	DELCTION OF	HEBUROS I		SUPRICUSE.	0/582/563		- 24 24 57 25	SATE OF SAME	474-50-50-50	SUPERINE S	GIV VI	1 00 1	Description		SOLUTION IN
		CO-1	3.00	3.00	3.00	3.00	3.00	SERVICE SERVICE	Sede Order	2.00	2.00	3.00	3.00					EXHERITY CONTRACT	CONTRACT.								(14 (5 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4			3.00	ALEXAND	06E86E	
		CO-3	3.00	3.00	3.00	3.00	3.00	2.00	2.00	1 00	1.00	3.00	3.00		2 100									10 5 10			1000			3.00			
	BE (A)-	CO-4	3.00	3.00	3.00	3.00	3.00	2.00	2.00	1.00	1.00	3.00	3.00		STATE OF THE										in the same					3.00			
21	DIVP	CO-5	3.00	3.00	3.00	2.00	2.00	a series	CE VELO	1.00	1.00	3.00	3.00		EE.2455			A RES				2 CAN	100	(FE 10)			HEAD	19 105	the Artificial	3.00	A STATE		101
1		CO-6	3.00	2.00	2.00	2.00	2.00		EE ALE	i di la constanti		2.00	2.00		12.532		非数数支援	MARK!	3.11			Falls 1		HERE						rain.	Haran.		
				A	g.	A	vg.	A	vg.	A	rg.	A	g.	A	vg.	A	/g.	A	vg.	Av	g.	A	vg.	Av	g.	Av	g.	Av	g.	Av	g.	Av	g.
	2 11/14	600 W		3.	00	3.	00	2.	00	2.	00	3.	Ю			No.		现的动			新新味	能表形						2.0	0	3.0	Ю		
		CO-1	3.00	3.00	3.00	2.00	2.00		SERVE	1.00	1.00			THE REAL	12553	A HAR	Marian					FUED		1809	NAME OF		Mind	A SA		1.00			
		CO-2	3.00	3.00	3.00	3.00	3.00			2.00	2.00	3.00	3.00							THE ST		1000		1953			REF.	NAME OF		3.00			SEE
		CO-3	3.00	3,00	3.00	3.00	3,00	2.00	2.00	1.00	1.00	3.00	3.00		8 3 (3.14)							1000					10000			3.00			
22	BE (B)-	CO-4	3.00	3.00	3.00	3.00	3.00	2.00	2.00	1.00	1.00	3.00	3.00		REAL PROPERTY.	H MARK			非外母派	1000	新林	SPED	MARK!	Part S	の主要を		機嫌な			3.00			
	DIVP	CO-5	3.00	3,00	3.00	2.00	2,00	BUHL!	about 1	1.00	1.00		3.00	11123				411	100	BREE	2118	Byth	0.5048							3.00	MARKET !	1031	116
		CO-6	3.00	2.00	2.00	2.00	2.00	ALE WAS	FREED			HILLSON, CARLON	2.00	40 10 30	HISTORY		HEROTORIES	HENE	11314		CENTRE	THEM	DESCRIPTION OF THE PERSON OF T	FF SF	HERE!		H 2546131	NAME OF STREET		HER.	Report 1	1000	Book
				A)	-	_	vg.	A·	vg.	A ¹	-	Av 3.0		A	vg.	A	/g	A	vg.	Av	g substituti	A	/g.	Av	g.	Av	g.	2.0		Av	_	Av	g.



Head

Department of E&TC Engg.

Dr. D. Y. Patil School of Engg.

Charholi (Bk), Via Lohgaon, Pune





	4	S COLUMN TO THE										Dep	artme	nt of El		Dr. D. Y. I Dr. D. Y. I Dr. D. Y. Charholi (Bland) Web es and Tele	atil Sch Patil I), Lohe, ite; http	knowle Knowle gaon, P s://dyp	Engin edge C Pune – psoe.in/	eering ity, 412 105		Form	No. IQA	AC/36	A	1 20	20-2	1	Sem	-1T		
r. o.	Class (Div) & Subject	CO No.	CO Attain ment	POI	Attain ment	PO2	Attain ment	РОЗ	Attain ment	P04	Attain ment	PO5	Attain ment	P06	Attain ment	PO7 Att.	in p	08 4	ttain ment	PO9	Attain ment	PO10	Attain	AND DESCRIPTION OF THE PERSON	Attain ment	PO12	Attain ment	PSO1	Attain ment	PSO2	Attain ment	PSO3 Att
T		CO-1 CO-2	3.00	3.00	3.00	3.00	3.00	2 00	2.00	1.00	1.00	2.00	2.00	2.00	2,00						PART .							3.00	3.00			
		CO-3	3.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1,00	en meach.			W-78-23													2.00	2.00	CONTRACTOR DESCRIPTION	10.25	
	SE (A)-	CO-4	3.00	2.00	2.00	1.00	1.00	2.00	2.00	ETHA.					X B G B S			820					3 1 3 4 1 1 6 1 3 4 1 1					2.00	2.00		2.00	
1	CS	CO-5	3,00	2.00	2.00		REPORT	BEET TO	111786	APPORT.	Berry.		2,00					15 10	ABL				14480	THE P				2052		2.00		
1		CO-6	3,00	3,00 A	3.00 vg.	3.00 Av		3.00 A	3,00 vg.	2.00 A		2.00 As	2.00	2.00	2.00 g.	2.00 2.0 Avg.	0	Avg			Mark		SERVER.	1.00	1,00		1.00	1.00	1.00			1011112
				Attai		Attair			nment		ment	Attair			ment	Attainmen	A	ttainm		Attair		Attair	ment	Attair	vg. nment		vg. nment	Attain			vg. nment	Avg. Attainmer
				3.	00	3.	00	3.	00	2.	00	2.	00	2	00	2,00	第一個		500		4415		THE R	1.0	00	distributed by the same of	00	2.0	CONCRETE STORY	ACCUSED NOT THE REAL PROPERTY.	00	
3		CO-1	3.00	1.00	1.00	3.00	3,00	HIRE	STEVENSOR		STATE OF	BASE)				(MEAN 12 E)	N DE	III II	50000		DATE OF STREET	BERTH.	e o o o	994919091	TOTAL MARKETON	AND RES	CHI STREET	2.00	2.00	RHHID	SHE'S	2604000 1000
		CO-2 CO-3	3.00	200	2,00			2.00	2.00			THE PERSON								THE SERVICE		12319	(Bhi) S	19199		all eq.		1.00	1.00	E ROLL		
		CO-4	3.00	2.00	2.00					3.00	3.00													CARREST OF STREET				1.00	1.00		100000	
2	SE (A)- PCS	CO-5	3.00	ETP4	153413	2.00	2.00			2.00	2.00	657457		127 E	2011				S CONTRACTOR								Company Company	1.00	1.00	1.00	1.00	27
		CO-6	3.00	1.00 A		Av	MARCH IN	2,00		2,00	2.00	MEN		HERERA	46333	HURALI BELI	1522			11568			1000	1000	BB 图象形		BORE:	2.00	2.00	ALCON I		1.00
				Attair		Attain			vg. nment	Attair		Attain		Attair		Avg. Attainmen	A	Avg.		Attain	ment	Attair		Attair	ment		vg. nment	Attain		Attair	vg. nment	Avg. Attainmer
				启建2	00	3.0	00	2.	00	3.0	00	NESS I		第些語程	印度的位	医动物 建砂块		H)H	19418	1452	ALL S	Marie Co.			HINE	NAME OF		2.0		THE RESERVE OF THE PARTY OF	00	Attainmen
		CO-1	3.00	1.00	1.00	3.00	3.00	ntarist	Participal of	THE REAL	514463	SECURIOR SEC	Herest	ESSERVE	(HEALER)	THURST THE	213 31 517	687 8	836	HARRI	DE LO	BEEST .	4412		ON REAL ACTION	N. Call		2.00	2.00		RATE OF STREET	
1	2017	CO-2	3.00				8900	2.00	2.00	國際語	till (nie 4)		HURSE!			1162 X 140 A			229					1200	11		41 60 1	1.00	1.00			
		CO-3 CO-4	2.52	2,00	2.00					3.00	3.00										SHOP SHE							1.00	1.00			
	SE (B)- PCS	CO-5	3.00		E E	2.00	2.00			2.00	2.00													52021				1.00	1.00	1.00	1.00	
		CO-6	3.00	1,00 A				1000 1000 1000	2,00	2.00	2.00			Mark.	SHED						3831		PERSONAL PROPERTY.				3.67	2.00	2.00	THE		1 00
				Attair		Attain		Attair	nment	Attain		Attain		Attain	_	Avg. Attainmen	A	Avg.		Av Attain		Attain		Av Attain		Attair	rg.	Attainr		Attair		Avg. Attainmen
				2.	00	3.0	00	2.0	00	3.0									26	Mark His			A Profession			A Lan	Maria I	2,0		1.0		Attainmen
T	2. (0)7	CO-1	3.00	3.00	3.00	3.00	3.00	2230	- Allis										1571		diam							2,00	2.00		at a real	
		CO-2	3,00	3.00	3,00	3.00	3.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	11110 0		100		11100		¥ 30 a			HOS II					3.00	3.00	
1		CO-3 CO-4	2.52	3.00	3.00	3.00	3.00	1.00	1.00	1.00	1,00	2.00	2.00	2.00	2.00															3.00	3.00	STEEL ST
	TE (A)- NS	CO-5	3.00	1.00	1.00	3.00	3.00		RENE					2.00	2.00															2.00	3.00 2.00	
1		CO-6	3,00	1.00	1.00	3.00	3.00	1.00	1.00	性阻碍					Hell		16.			1										2.00	2.00	
1				Attair		Attain		Attair	nment	Attain		Attain		Attain		Avg. Attainment	Δ.	Avg.	Control of the last	Attain		Attain		Av Attain	A	Attain		Attainn		Attain		Avg.
	1 788	S Sport lead		3.	X 0	3.0		1.0		L(2,0		2.0						Attain	TO BEE	Hali		Auan	men.	Attail	ment -	2.00	CONTRACTOR OF THE PARTY OF	Attain 3,t		Attainmen
T		CO-1	3.00	3,00	3.00	3.00	SELECTION OF THE PARTY OF THE P	Hills										112 60		Halla	(Shail)			Milita				2.00	2.00			taan laa
-		CO-2 CO-3	3.00	3.00	3.00	3.00	3,00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00						1211			100						3.00	3.00	
1.	EF (D)	CO-4	3.00	3.00	3.00	3.00	3.00	1.00	1,00	1,00	1.00	2.00	2.00	2.00	2.00															3.00	3.00	
1	TE (B)- NS	CO-5	3.00	1.00	1.00	3.00	3,00									amed ear				ALLEY !				1 3 3 5						2.00	2.00	
		CO-6	3,00	1,00	1.00	3.00	3.00	1.00	1.00					40.19																2.00	2.00	
1				Attain		Attain		Attain	7	Attain		Attain		Av Attain		Avg. Attainment	A.	Avg.	ent	Attain		Av Attain		Attain		Attain		Avg Attainn		Attain		Avg. Attainment
		CONTRACT.		-		3.0		1.0		1.0		2.0		2.0				DOM: NO.	100			N MEN	T.MES	HAR	The state of		and the	2.00		3.0		Attainment
T	September 1	CO-1	1	3.75		00	2.00	DESCRIPTION OF THE PERSON OF T	C. T. F. A. C. 20	A PARTY	ESESSION I	Tell Date	23856	1.00	1.00	1.00 1.0	OMESTS OF	953 [365	enegoris-en	SALDO-IE-	and the sale	2,00	2.00	A STATE OF THE PARTY OF THE PAR		and the latest and the	marerun in a	1.00/	A	3.00		2.00 2.0

| Class
(Div) &
Subject | CO No. | 10 MO 40 MO 31 | POI | Attain
ment | PO2
 | Attain
ment | PO3 | Attain
ment | PO4 | Attain
ment
 | PO5 | Attain
ment | PO6 | Attain
ment | PO7
 | Attain
ment | PO8 | Attain
ment | PO9 | Attain
ment | PO10
 | Attain
ment | PO11 | Attain
ment | PO12 | Attain
ment
 | PSO1 | Attain
ment | PSO2 | Attain
ment | PSO3
 | Attair |
|-----------------------------|--|--|--|--
--	--	--	--
---	--	--	--
--	--	--	--
---	--	--	--
---	--	--	--
--	--	--	
Subject	CO-2	3.00	3.00
 | 2.00 | 1.00 | 1.00 | 2.00 | 2.00
 | 1.00 | 1.00 | 1.00 | 1.00 | 3.00
 | 3.00 | 2.00 | 2.00 | | | 2.00
 | 2.00 | TENAN. | | 1.00 |
 | 1.00 | 1.00 | 2.00 | 2.00 | 2.00
 | 2.00 |
| | CO-3 | 3.00 | 2.00 | 2.00 | 1.00
 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00
 | 1.00 | 1.00 | 2,00 | 2.00 | 1.00
 | 1.00 | | | 1.00 | 1,00 | 3.00
 | 3,00 | 2.00 | 2,00 | 1.00 | 9483
 | 3.00 | 3,00 | 1.00 | 1.00 | 1,00
 | 1.00 |
| TE (A)- | CONTRACTOR OF THE PARTY OF THE | THE RESERVE TO SERVE THE PARTY OF THE PARTY | | the second second | | | 2.00
 | 2,00 | 1.00 | 1.00 | | 2 2 3
 | | 1.00 | | - | | 30.000
 | 1.00 | 1,00 | - | |
 | | 1.00 | | |
 | - | | | 2.00 |
| PM | | | | | 1.00
 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00
 | | 100000000 | 1.00 | 1.00 | THE RESERVE OF THE PERSON NAMED IN
 | Marie Company of the Party of t | | SERVICE SERVICES | | | AND REAL PROPERTY. |
 | | | | |
 | STATE OF THE PARTY | 3.00 | 3.00 | 2.00 | 2.00 |
| | CO-0 | 5.00 | | | A
 | vg. | | | | |
 | A | rg. | A | g. |
 | | A | vg. | A | vg. |
 | CONTRACTOR OF THE PARTY OF THE | A | g. | A | g. |
 | | A | vg. | A | vg.
 |
| 10.25 | | | Attai | nment | Attair
 | nment | Attair | nment | Attair | nment
 | Attair | ment | Attair | ment | Attair
 | nment | THE REAL PROPERTY. | | The second second | | Attair
 | ment | THE RESERVE OF THE PARTY OF THE | THE REAL PROPERTY. | THE REAL PROPERTY. | THE REAL PROPERTY. | Attair
 | ment | the state of the last of the l | CHARLEST STATE | | nment |
| 23/4 | | | 2. | 00 | 2.
 | 00 | 2. | 00 | 2. | 00
 | 1. | 00 | 2. | 00 | 2.
 | 00 | 2, | 00 | 1. | .00 | 2.
 |)0 | 2.0 | 00 | 1.0 | 00
 | 2. | 00 | 2. | .00 | 2.
 | .00 |
| | CO-1 | 3.00 | 3,00 | 3.00 | 2.00
 | E PROPERTY AND THE PARTY AND T | 是是是其中 | 多数电路 电 | 113960 | THESE |
 | 12162 | 1,00 | 1.00 | 1,00 | 1,00
 | | | | 10.259 | 2.00 | 2.00
 | | | BEF 1X | | 1.00
 | 1.00 | 3.00 | 3.00 | 2.00 | 2.00
 |
| | Annual Property lies and the last of the l | | | | |
 | | | | |
 | - | | _ | - | -
 | 2,00 | 2,00 | 1.00 | 1.00 | COLUMN TWO IS NOT THE OWNER. |
 | 2.00 | 2.00 | - | | Name and Address of the Owner, where
 | | | - | - | 2,00
 |
| HOTEL | THE R. P. LEWIS CO., LANSING, MICHIGAN, Phys. Lett. B 19, 120, 120, 120, 120, 120, 120, 120, 120 | | | |
 | The second second | | | | -
 | 1.00 | 1,00 | 2.00 | 2.00 |
 | and the service of the service | | | eliterise/seriefuny/or | A CHICAGO TO SOME TOWN | ocristantes describe
 | | 2.00 | 2.00 | |
 | | CHIEF CONTRACTOR STATES | | |
 | 2.00 |
	And in case of the latest department of the la				
 | 2,00 | 2,00 | 1,00 | 1,00 |
 | Contractor | 1.00 | 1.00 | COLUMN TO SERVICE DE LA COLUMN TO SERVICE DESTRUCCION TO SERVICE DESTRUCCION TO SERVICE DE LA COLUMN T | THE PERSON NAMED IN | ESCALINE |
 | 1.00 | 1.00 | | - | 10405
 | STATE OF STATE | 1.00 | | - | Company of the last of the las | -
 | - | - | 2,00 |
| PM | CO-6 | 3.00 | ****** | 1.00 | 1.00
 | District of the | 1.00 | 1.00 | 1.00 | 1.00
 | | REVIEW. | | | 1.00
 | 1.00 | BALL | ER REE | | OTHER DESIGNATION OF THE PERSON OF THE PERSO | 1.00 | 1.00
 | 13530 | | | | 1.00
 | 1.00 | | ea lord | 10thau | 10000
 |
			A	vg.
 | | A | | A |
 | | | | |
 | | | | | |
 | | | | |
 | | | | |
 | vg. |
1		-		
 | | | | |
 | The second secon | THE RESERVE OF THE PERSON NAMED IN | _ | | |
 | THE RESERVE OF THE PARTY OF | and the last of th | | | | | _
 | - | | | |
 | Contract Con | Control of the last of the las | | |
| | 100000000000000000000000000000000000000 | ne consessor | AND DESCRIPTION OF | THE REAL PROPERTY. | SHIELD Z.
 | UU | SERVICE Z | A CONTRACTOR | DSSRUE 4 | 00
 | Section 1 | O GREENSE | NEW PORCE | MATERIAL SALES | handa a z
 | OU Desired | ALC: Engineer | CONTRACTOR OF THE PARTY OF THE | SERVICE AND ADDRESS OF THE PERSON AND ADDRES | 1 | - CONTRACTOR OF THE PARTY OF TH | No. | NUMBER OF STREET |
 | | | | | The second second
 | OU COMPANY | MATERIAL STREET | |
| | 2000 000 000 000 | - | | THE RESIDENCE OF THE PARTY OF T | 200 | 2.00
 | 1.00 | 1.00 | 1.00 | 1.00 | |
 | | | | |
 | | | | | |
 | | | | - |
 | | | CROTES) | 1.00 | 1.0
 |
| | | - | | | -
 | - | - | | Company of the Compan | CO. 10 CO | SISTRAL |
 | | | 197 Sept 20 | | | GHER HER
 | | 6-2-6-5- | | | HEATHER STREET
 | | | 100000000000000000000000000000000000000 | - | |
 | | 100000 | 1,00 | 1.0 |
| | CO-4 | | | 1.00 |
 | | 1.00 | 1.00 | 2.00 | 2.00
 | | DEFE | SECTION A | Table Allay | 6276
 | | NO SEC | HEER | ZONE UN | |
 | | | | 2.00 | 2.00
 | 1.00 | 1.00 | 1.00 | 1.00 |
 | |
| | C0-5 | 3.00 | 1.00 | 1.00 | IN HEI
 | S POPULATE OF THE PARTY OF THE | MARKE | 10000 | | |
 | Marie Marie | 经金额层 | | 8 × 11 × 11 | A.Ferri
 | | 医 医 | 5 4 5 | | SPACE OF |
 | | all residence | 2.00 | 2.00 | 1.00
 | 1.00 | | EXPL | |
 |
ric.	CO-6	3.00	3,00	3.00
 | | 计划信息 | 经股份股份 | 00000 |
 | 2.00 | 2.00 | | 制制的非常 |
 | | STATE OF THE PARTY. | 克萨特拉 | | | RESTR
 | A WEST | がある。 | Entraction of | 2.00 | 2.00
 | 3.00 | 3.00 | PERSON. | |
 | |
| F 12 18 | | | | |
 | | | | |
 | | | | | 11.50
 | - T | | | | |
 | | | | |
 | | | | | Av
 | |
| | | | | |
 | - | | | |
 | | | Attair | ment | Attair
 | ment | Attair | ment | Attai | nment | Attair
 | ment | Attair | ment | |
 | A PARTICIPATION OF THE PARTICI | - | DOMESTICAL PROPERTY. | CANADA STREET, | Attair | 1.0
 |
| | | Mary State State | | | OR GAUEGAU
 | Calculation | CONTRACTOR OF THE PARTY OF THE | CONTRACTOR OF | With Turns Is | Instrument of the last | REFERENCES.
 | | SULUNIAR DA | III STORAGE SH | No. Service Service | 707900.709
 | CHARLES SHOW | EDWICHDSON VI | AUTOPANA | Library and | PER APPEARS | DE RUSSING
 | Land of the Paris | STATE OF STREET | | |
 | | HOLDING OF | | E-UDARHE HEA | Distriction in
 |
| | | THE REAL PROPERTY. | | The second second second | 2.00
 | 2.00 | 1.00 | 1.00 | 1.00 | 1.00
 | | | | 1.5 |
 | | | | PARTO EST | 10.00 |
 | e distribute de la | | | The second second | THE PERSON NAMED IN
 | Transport Control | - | 提供批准
開始計 研究 | | 1.00
 | 1.0 |
| 1 | And the second | The second second | | The Party of the P | | -
 | | | | | |
 | | 3000000 | | |
 | Wilder Control | | | 3800 | |
 | | | | - | -
 | | | | 1.00 | 1.0
 |
| TF (B) | C0-4 | 2.52 | 1.00 | 1.00 | 2.00
 | 2.00 | 1.00 | 1.00 | 2.00 | 2.00
 | 54.7.67 | | | 31.0003 |
 | | BOST. | BHILL | 100 | EERICA . |
 | | CARRE | | 2.00 | 2,00
 | 1.00 | 1.00 | 1.00 | 1.00 |
 | |
| 1000 | CO-5 | 2.52 | 1.00 | 1.00 | ESTATE OF
 | | | | 1 30 | 0.00000
 | | 经营建筑 | 网络肚 | 经原则并 |
 | SHADO. | Will the | MINERAL | 非常是 | 京技工协会 | (西班里)
 | WINE. | the still | | 2.00 | 2,00
 | 1.00 | 1.00 | | | N. E.
 | |
| 1000 | CO-6 | 3.00 | 3,00 | 3,00 | 研究的
 | | 學教師能 | BEEFER. | | ECTA!
 | | | MASSES. | | A PERSON
 | ACTOR! | A STATE | GENERAL SERVICE | | |
 | BENEFA | | | |
 | | | | Hale by | A.
 | |
| | | | | |
 | | 200 000 000 | The second second | | - Total - 1
 | | | | 100 | Lagran C.
 | - | 2500000 | - | | CHARLES IN COUNTY |
 | | | 100000 | |
 | | | | 2020000 |
 | |
| | | | - | ON THE PERSON NAMED IN | Complete Section Co.
 | STREET, SQUARE, SQUARE | THE RESERVE OF THE PARTY OF THE | CONTRACTOR DESCRIPTION | THE RESERVE OF THE PERSON NAMED IN | ALCOHOLD STREET | - | -
 | (OH 575-1 | | REDUCE! | | | 祖を教育
 | | | 排稿 医温滞 | | |
 | No. Page 1 | | | |
 | | | 1.0 | |
| | | | | |
 | | Marie Charle | | |
 | | | | man amount of | an Australia d
 | The second secon | - | COLUMN TO SERVICE | THE STATE OF | Talenta di ancienti da | Contract of the Contract of th | ORDER DE LA CONTRACTOR DE |
 | | | ORGANIA DE LA COMPANSIONE DEL COMPANSIONE DE LA | THE STREET | THE PERSON NAMED IN | evandouru
 | | ne nomine | | | |
| | - | | | THE RESERVE OF THE PERSON NAMED IN COLUMN 1 |
 | | | | |
 | O H LB | | | |
 | | | | NEW THE | |
 | 415 | | 報が出る | 以下 |
 | 3,00 | 3.00 | 2.00 | 2.00 |
 | |
| | | - | | - | 2.00
 | 2,00 | | The state of the s | THE RESERVE AND ADDRESS. | The state of the s | |
 | | Service with | | | |
 | PROBLEMS | | | |
 | | 他是是是 | | 5 500 |
 | | | | (上) 中省内計
(C) (E) (E) (E) |
| DE (A) | - | | | | 2.00
 | 2.00 | | | | |
 | | | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
 | | | | Margarita. | |
 | 152575151 | | | 1000 | 3343135
 | 11111 | 1991 | | |
 | |
| | CO-5 | 2.52 | NAME OF | |
 | 212.49 | 3,00 | 3.00 | 3,00 | 3.00
 | 排放計算法 | 排資物銀土 | 3.00 | 3.00 | STATE
 | | 使用生生 | 图 最重要 | | 图图 建氯基 |
 | | | 1960 | HERE! | 1888
 | 1.00 | 1.00 | 1.00 | 1.00 | 6826
 | |
| | CO-6 | 3.00 | 2.00 | 2.00 | 2.00
 | 2.00 | | | | |
 | 电弧电弧点 | 1201603 | 和研修 | |
 | | | 用網網 | | |
 | | | | | Waster.
 | | | 3.00 | |
 | |
| 300 | | | | The second |
 | DER | Attair | g. | | 17.
 | | CTV-121 | | Control of the last of the las | |
 | | | | | |
 | 70.51 | 7,000 | 100 | | 1000
 | | | 5-76 mm | |
 |
| | | 5710 | | SHIP TO SHIP THE PARTY OF THE P | |
 | | | | | STEEDS.
 | | | | Attail 1 | NAME OF TAXABLE
 | Artani | | HERIOTE I | NAME OF TAXABLE PARTY. | BATTER S |
 | 44430 | BIATIES. | | SHIP THE REAL PROPERTY. |
 | | | | | RadioAd
 |
| | CO.1 | 2.00 | | |
 | | | | |
 | SC SCHOOL S | 54/59/55/505 | 00185E300 | District of | CHRISTINE
 | 45/3F [M/GRO] | PRINTERS OF | OSPINION REAL | DESCRIPTION OF THE | Eniossinal | all alternation
 | ESSENDADA. | STATE OF THE PARTY OF | 0.59 TH, D4-CH | ATTENDED TO | ALSOS AND
 | | | 000-4100-02 | George States | NEUERICHEA
 | D4E-SCHOOL |
| | | - | - | - |
 | _ | | - | HELICAL PROPERTY. | BITTERS NO SERVICE
 | | | | | |
 | | | 10 S 50 | | |
 | | THE SALE | | Side in |
 | 3.00 | 3,00 | 2.00 | 2.00 |
 | |
| | CO-3 | | 2.00 | 2.00 | 2.00
 | 2.00 | 3,00 | 3.00 | 2,00 | 2.00
 | | | 3.00 | 3.00 |
 | THE PARTY | | | | | 1991
 | | | | 13.1537 |
 | 752 Dail | | 1.00 | 1.00 |
 | |
| BE (B)- | CO-4 | 2.52 | 2,00 | 2.00 | 2.00
 | 2.00 | 3,00 | 3,00 | 3,00 | 3.00
 | | | BALL TO | | |
 | nt Men | | | | 11.00 |
 | | | | aleana. |
 | | | 1.00 | 1.00 | 35500
 | TO A LEGAL |
| nn (n). | CO-5 | 3.00 | | LUGARAGE | SOUTH OF
 | 20100.00 | 3.00 | 3.00 | 3.00 | 3.00
 | | | | 1994.00 | in the same
 | | TOTAL PROPERTY. | | 1411 | |
 | | | | Hallon |
 | 1.00 | 1.00 | 1.00 | 1.00 | DEFENS
 | |
| FOC | | | | The second second second | The state of the s | AND DESCRIPTION OF THE PERSON NAMED IN
 | - California management (California) | | Charles Street Co. | ADDRESS AND ADDRES | |
 | | | | | - |
 | | | | |
 | | | | - |
 | | | | |
| FOC | CO-6 | 3.00 | 2.00 | 2,00
vg. | 2.00
A
 | 2.00 | A | | | g.
 | 1 Y 1 | | A | | A
 | | A | | | | Av
 | High | Av | | Av |
 | Av | ARREST OF | 3.00
Av | 3.00 | Av
 | 10 |
| | (Div) & Subject TE (A)-PM TE (B)-PM TE (B)-PDC TE (B)-PDC | (Div) & CO No. Subject TE (A) PM CO-2 CO-3 TE (B) CO-6 TE (A) CO-6 TE (B) CO-6 TE (A) CO-6 TE (B) CO- | (Div) & CO No. Attain ment Subject (CO -2 3.00 CO -3 3.00 CO -6 3. | (Div) & CO No. Attain ment ment ment ment ment ment ment men | (Div) & CO No. Attain ment ment continued and property continued an | CO No. Attain PO1 Attain PO2 ment men | Div) & CO No. Attain ment PO1 Internal ment PO2 Internal ment PO3 Intern | Civ) & CO No. Attain ment PO3 Attain ment ment PO3 Milling ment PO3 | CO No. Attain ment POJ Mattain ment PO3 | (Div) & CO No. Attain ment subject with ment ment ment ment ment ment ment ment | CO No. Attain PO3 Attain PO3 Attain PO4 ment ment PO4 ment m | CO-1 3.00 3.00 3.00 2.00 2.00 1.00 | CO-1 3.00 3.00 3.00 2.00 2.00 1.00 | CD No. Attain PO ment PO2 ment PO3 ment | CDN CON Content Co | (Div) & CONo. Attain PO1 Autum PO2 arent PO3 Autum PO4 arent ment ment ment ment ment ment pot ment po | Obe A Co No | (Div) & CO No. Attain PO1 Attainment Mo2 ment ment ment ment PO2 Attain PO2 Ment PO3 | (Div) & ON No. Attain ment ment ment ment ment ment ment men | (10+) & O. No. Attain. PO1 Nature (10+) Attainment (10+) | Obe A | Content Cont | Control Artistance Poly Artistan Poly | CO No. Attain PO Att | Control Cont | Color Colo | Color Color Article Pot Po | CON. Attain Poly Attain | Color Colo | (DA) S. O. O. N. Alfrain PO J. | Object O | Object O |

No I		CO No.	CO Attain ment	POI	Attain ment	PO2	Attain ment	PO3	Attain ment	PO4	Attain ment	PO5	Attain ment	PO6	Attain ment	PO7	Attain ment	PO8	Attain ment	PO9	Attain ment	PO10	Attain ment	PO11	Attain ment	PO12	Attain ment	PSOL	Attain ment	PSO2	Attain ment	PSO3	Attain
+	Subject	ED SHIP KEST	ment	2	.00	2.	00	2.0	ю	2.0	0	1845年中		3.0	00		10.00					S PROPERTY.	ID ASSESSED		SUN			2.	00	3.	00	STATE OF	ENTER
		CO 1	3.00	2.00	3.00	2.00	2.00	1.00	1.00	5882E		1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	0.00	0.00	Hala B.	TO LET U	LORDER:		1.00	1.00	THE RESERVE OF THE PARTY OF THE	1	1	1	2	2
		CO-1	3.00	3.00		The same of the last	STREET, STREET	1.00	1.00	2.00	2.00	THE RESIDENCE OF THE PARTY OF T	THE RESERVE OF THE PARTY OF THE	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	HORSEN.				2.00	2.00	3	3	2	2	3	3
		CO-3	2,52	2.00		-	-	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00		418318	48338	2.00	2.00	1.00	1.00	3	3	2	2	3	3
- 1	BE (A)-	CO-4	2.52	3.00	NAME AND ADDRESS OF THE OWNER, WHEN	PERSONAL PROPERTY.	The second second second	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00		[图图]	157815181		3.00	CONTRACTOR STATE					578-150			STATE OF THE				
12	Mobile	CO-5	3 00	3.00	-	1.00	The second second second	1.00	1.00	2.00	2.00	3.00	3.00	開発時代		ASSET NO.	犯犯罪犯		100	3.00		14 元 計畫	134.0	1 11 11 15	100000	10 ME 10 RE-							0/0-23/17/
	Commu	CO-6	3.00	3.00	The second second second	1.00		1.00	1.00	2.00	2.00			3.00		1.00	1.00	1.00		3.00			PER SE	A	HAMME SEG	Av	0	A	vg.	A	/Q.	A	vg.
	nication			A	vg.	A	vg.	A		Av	0.000	1000000	vg.	Av		Av	The Contract of the	Attair		Attair	100	Attair	nment	Attair	1507	Attain		Attair	174011d5 3/1	Attair		CHECK CONTRACTOR	nment
				and the local division in the local division	inment	Attai		Attair		Attain			nment	Attair		Attain	CONTRACTOR CONTRACTOR	Auan		Attail			a manual S		00	ENEWARK			33	L	67	2	67
				研想的?	2.80	BUREA	.40	i i	00	1.	20世紀2	HIMBUSINA	MARINE MEDICAL	HISTORY IN		NAME OF TAXABLE PARTY.	A STOUNGS	menungua				- AND COLUMN TO SERVICE	The second second		Control of the last	CONTROL OF THE PARTY OF THE PAR	CONTRACTOR OF	DATE OF THE PARTY	CHOICE CORN	200	OFFICE STATE		2
		CO-1	3.00	3.00	3.00	2.00	2.00	1.00	1.00			1.00	1.00	2.00	2.00	1.00	1.00	1.00		0.00	-	THE RESERVE TO SERVE THE PARTY OF THE PARTY	0.641.0			1.00	1.00		1	1	2	3	2
		CO-2	3.00	3.00	THE RESERVE OF THE PARTY OF THE		A STREET, SQUARE, SQUA	1.00	1.00	2.00	2.00	1.00	1.00	3.00	3.00	2.00	2.00	2.00	OF THE RESIDENCE OF	2.00	THE REAL PROPERTY.		GEOGRAPHICAL STREET, S		10.70 (60.00)	2.00	2.00			2	2	3	3
		CO-3	2.52	2.00	3.00	1.00	1.00	1,00	1.00	1.00	1.00	1,00	-	1.00	1.00	1.00	1.00	1.00	1.00	3,00	THE RESERVE OF THE PARTY OF THE	CONTRACTOR AND		2.00	2.00	1.00	1.00		3	2 4		To the last of the	
	BE (B)-	CO-4	2.52	3.00	2.00	1.00	1.00	1.00	1.00	2.00	2.00	A STATE OF THE PARTY OF	The same of the sa	1.00	1.00	1344			MARKET SEL	3.00	-			8078848	10000								
13	Mobile	CO-5	3.00	3.00	3.00	1.00	1.00	1.00	1.00	2.00	2.00					STATE	HINDON		4.00	3,00	A STATE OF THE PARTY OF THE PAR		STEEL SELECT	SECTION AND	Description				2000		NE PER L	SHEET VAN	
	Commu	CO-6	3.00	3.00	3.00	1.00	1.00	1.00		2.00	2.00			3.00		1.00 A	Col. Springer	1.00 A		3.00 A			vg.	A	vg.	Av	rg.	A·	vg.	A	/B.	A	vg.
	meauon			1000	Avg.		vg.	A	Carrier III	Attain		The state of the s	vg. nment	Attair		Attair		Attair	MINE CONTRACTOR	Attair		Attair	time of the same o		nment	Attair		Attair	nment	Attair	ment		nment
				_	inment		mment	Attair	.00	Attain		1	.40			1.			33		75			2	.00	建 / 2 1	33	2.	33	1.	67	2	.67
	Teas.	17.00									ALC: NAME OF TAXABLE PARTY.	10000000	Amening the same	MICHIGAN STORY		I II I I I I I I I I I I I I I I I I I	O BANDER	Section Co.	Havestone	W0224380	DAD SOUTH OF	Inches in the last	191911650	10000000	HERENIA.	1000000	epayage.	Desirate and the second	Contraction				
Sr. No.	Class (Div) & Subject	CO No.	CO Attain ment	POI	Attain ment	PO2	Attain ment	PO3	Attain ment	PO4	Attain ment	PO5	Attain ment	PO6	Attain ment	PO7	Attain ment	PO8	Attain ment	PO9	Attain ment	PO10	Attain	POI1	Attain ment	PO12	Attain ment	PSO1	Attain ment	PSO2	Attain ment	PSO3	Attair
-	Subject	CO-1	3,00	3.00	3.00	3.00	3,00	2.00	2.00	1.00	1.00	2.00	2.00	2.00	2.00			原温量的			经基础等的	1900	SPIE				智能能加	3.00				ESTABLES AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF	Marie Control
		CO-2	3.00	ELS.Y		2.00	2.00	2.00	2,00	1.00	1.00		建建建筑		FERRE						建基基基金	1105	1000	250.00	VALUE OF STREET	110000000000000000000000000000000000000	THE REAL PROPERTY.	2.00	The second second section	PERSONAL PROPERTY.		361500-41	15/08/
	- 1	CO-3	3.00	2.00	2.00	2.00	2.00	建州版		1.00	1.00	111		经验证		16000	1 1000		va scrafts	1 T 0 0 0 0		100			Call IS SEE	A COMPRESSION	TAN DE BENEFIT	2.00	-	2.00	2.00	ALLEGA AL	
1	OF (F)	CO-4	3.00	2.00	2,00	1.00	1.00	2.00	2.00	的形式相談	如思州部4	PER PER	1974	PATRICIA	1477		F W266					2402 Te 50	100000	SECTION AND ADDRESS OF THE PERSON NAMED IN COLUMN ASSESSMENT OF THE PERSON NAM	CHEST WAS			2.00	2.00	2.00	CONTRACTOR OF THE PARTY OF THE	A STATE OF LIFE	208.01
14	SE (B)-	CO-5	3.00	2.00	2.00	Line.	THE REPORT		Pilite	15251		2.00	2,00	ARTE S									HAVE VERY	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	THE REPORT OF	The section
	CS	CO-6	3,00	3,00	3.00	3.00		3.00	3,00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2,00	ERSTENSES.	vg.	Δ.	vg.	A	vg.		vg.	A		A		A	vg.	A	vg.
		Pig-te-		15000	Avg.	100.00	lvg.		vg.	A		and the second	vg.	The second second	vg.	Attair	ment	1 1 1 10 2	nment		nment		inment	00/6/2012	nment	4.4	nment		nment '	200,000	nment	1000000	nment
				Atte	inment	Atta	inment	Attai	nment	Attan	ment	Alla	inment	Attal	michi	I Chillian	······································	e stial						-		Annual Value of the last of th	-	PROPERTY AND ADDRESS OF	communication of the last of t	2	CONTRACTOR BARRYON	MEAN DEPART.	STATISTICS.







Department of E&TC Engg-Dr. D. Y. Patil School of Engg. Charholl (Bk), Via Longson, Pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

Department of Artificial Intelligence and Data Science Engineering

Form No. IQAC/24 (a)

Mapping of CO-PO through activities

Name of Subject Teacher: Prof R.N. Garad

Academic year: 2022-23

Semester: II Subject: Applied Thermodynamics

Class: SE

Div: A

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO	PO	PO
		8 - 4								10	11	12
CO 1	3	3				:2						1
CO 2	3	3	2				1					1
CO 3	2	1	1	2								2 .
CO 4	2	2				2						2
CO 5	3	2									1	1
CO 6	2				# # # # # # # # # # # # # # # # # # #		3					2

Note - List of activities carried out to map PO's

Sr. No.	Activity	PO	Justification
01	Seminar on soft skills and technical skills	07	Activity based Mapping
02	Seminar on Human Ethics	08	Activity based Mapping
03	(Lohegaon)		

Prof R.N. Garad

Subject Teacher

Machanical Engineering

Prof R.N. Garad

HOD



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Date: 15/01/2023

Event Notice

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Human Ethics"

Mode of Conduction: Online

Date of the event :

Sr. No.	Date & Day	Time	Speaker
1	17/01/2023, Tuesday	02:00 pm to 03:00 pm	Mr. Kaustubh Dhawale

Prof. P. R. Nawathe

Event Coordinator

Prof. R. N. Garad

Head of Department

Dr. F. B. Sayyad

Principal







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Date:

18/01/2023

Event Report

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Human Ethics"

Date and Time	17/01/2023 2.00 to 3.00 pm
Event Venue	Dr D Y Patil School of Engineering
Organized by	Mechanical Department
Targeted Audience	SE/TE/BE Mechanical Students
Resource Person	Mr. Kaustubh Dhawale

Event Contents:

- 1. Positive Thinking
- 2. Self Esteem
- 3. Self-Worth
- 4. Self Confidence
- 5. Goal Setting
- 6. Time Management
- 7. Empathy
- 8. Body Language
- 9. Team work
- 10. Decision Making
- 11. Resume Writing
- 12. Interview Skills
- 13. Leadership Quality







"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Details of the event:

The department of Mechanical Engineering had organized seminar on "Human Ethics" for the benefit of pre-final year students of D Y Patil School of Engineering. Mr. Kaustubh Dhawale Alumni of Mechanical Dept, DYPSOE) were the resource persons for this training program.

During the formal inaugural session, Prof.Pooja R Nawathe, Coordinator of Alumni welcomed the gathering and also introduced resource persons to the students.

He explain Professional ethics are values that manage the attitude of a person or group of corporate/professional environment. It also provide guidelines on an environment on how a person should act towards other people and institutions Education is clearly about understanding (what to do?), learning skills (how to do?) and practicing the understanding & skills leading to fulfilment of one's purpose. It is not just about learning skills (how to do?). The subject which deals with "what to do" and "what not to do" is called value education – it facilitates development of Right Understanding. The subject which deals with "how to do" is called technical education or professional education – it facilitates development of skills. As there is a complementarity among them and are required, the priority need to be values, than skills. The impression on students on professional ethics are • Students respect professionalism • Students disagree dismissal of an employee who are against law • Students respect code of ethics Thus, education has an essential impact on the conduct and perception of the ethics of future professionals. Our college conducts a course to teach these skills through program. They include:

1. Positive Thinking

Positive thinking can help a personality in numerous ways. It leads an individual toward confidence and helps in looking for fine things in life. It brings in an innovative perspective that can craft all the difference in the world.

2. Self Esteem

Self-esteem contributes to a noteworthy position in ones motivation and triumph throughout the life. Low self-esteem may seize one back from succeeding in their respective avenues. On a contrast, having a strong self-esteem can help one accomplish because the individual moves across in his life with a positive attitude and believe in accomplishment of goals.

3. Self-Worth

Self-worth is the sense that one has positive qualities and has achieved good milestones in life. It is the sense of an individual's own importance or value as a person. However, there are numerous paths for a human being to value themselves and measure their worth as a human being, and several of these are more psychologically advantageous than others.

Constant Pure Single Pure Sing

\Prihcipal Ajeenkya\DY Patil School of

Engineering, Lohegan

68



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

4. Self Confidence

One may be affluent and intelligent. But if one does not poise confidence then he cannot come out and speak. Self-confidence is important than the hard work. It can be obtained through practice

5. Goal Setting

Goal setting is the procedure of identifying something that you want to achieve and institute measurable goals in time bounded frames. It involves the growth of an action plan planned to stimulate and guide an individual to boost efficiency.

6. Time Management

"Until we can manage time, we can manage nothing" – Peter Drucker "Life and time are the world's best teachers. Life teaches us to make good use of time and time teaches us the value of life"- APJ Abdul Kalam Time management is the route of classifying and scheduling how to manage time amid specific activities. Good time management allows an individual to work smarter. There are various methods and skills involved in time management. Few of them include avoiding delay, organizing work-life balance, utilizing waiting time productively; get ready with a 'To-do list', prioritizing tasks, and reinstating useless activities with productive factivities.

7. Empathy

Empathy is the skill to comprehend another person's difficulties and point of vision. It is the act of understanding, being responsive of, being aware to, and vicariously experiencing the thoughts, and experience of another of either the past or present without encompassing the feelings, thoughts, and practice fully conversed in a purposive explicit manner

8. Body language

Body language is an important communication skill. It is the unspoken factor of communication that we use to disclose our true emotions and feelings that includes posture, facial expressions and gestures. Positive body language adds vigor to the verbal ideas or messages that one wants to express, it will also help an individual to avoid sending confusing or mixed signals.

9. Team work



Mechanical
Engineering

Mechanical
Engineering

Ajeenkya DV Patil School of
Engineering, Lohegaon, Pune

69



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

It is very significant to have an efficient team leader who motivates the team towards the goal directed behavior. Effective Teamwork includes: • Understanding team goal and objectives • Knowing the roles and responsibilities in the team • Respecting others thoughts, opinions, perspectives • Sharing the knowledge and expertise • Appreciating others contribution • Resolving conflicts with empathy Team work makes Dream works.

10. Decision making

Decision making is a prime skill and is mainly important if you want to be an successful leader. It involves the procedure of deciding between two or more courses of action. In daily decisions, one must decide his course of action in a split second. Decision making skill encompasses foresight, emotional intelligence, intuition, critical thinking and self control. It includes procedures like defining the problem, identifying the alternatives, making the decision and employing the decision. It is very important to evaluate the made decision as it will help in future decision making processes and events.

11. Resume Writing

A resume is a written record of your contact details, skills, skills and employment history. It establishes your details and appears to be appealing and convincing. It reflects and symbolizes an individual. Hence it is very vital to methodically draft the document with the adequate information concerning ones professional life. It is a skill, and specialists in resume writing have taken it as a full time profession too. But individuals have to be skilled to draft their own resume as it is going to be advantageous for their careers and only they know themselves better

12. Interview Skills

Interviewing for an occupation needs a good amount of self-confidence, panache and interpersonal communication sense. They way in which you reflect yourself during an interview give hiring managers a first notion of you as a probable staffer, and set the quality for how you would perform in an daily capacity. Interview skills for setting yourself separately from your competition include advance preparation and research, in-depth information of the company, and a inclusive understanding of the duties of the role you're seeking. Some of the to do things in an interview include: • Organizing the materials required for interview • Good dressing sense • Being cheerful and expressive • Having a positive body posture

13. Leadership Quality

The aptitude to lead relies on a number of key skills, but different leaders have different styles of leadership. Leadership in itself is a constellation of various skill sets like: • Effective

Chegaon, g

Ajeen by DY Patil School of Engineering, Lohegaon, Pune

Trincipal



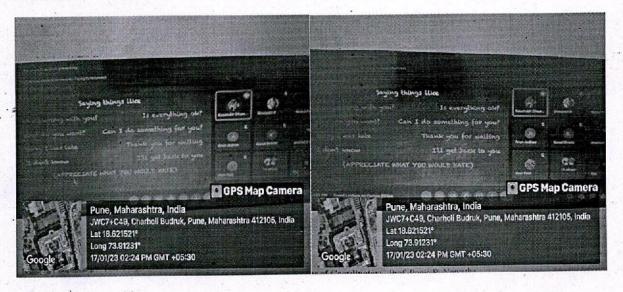
Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Communication • Motivation • Delegation • Trustworthiness • Creativity • Feedback • Responsibility • Decision Making • Strategic Planning • People Management • Persuasion and Influence • Change Management

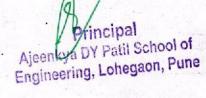
Photos: .



Patil Scho

Name of Coordinator: Prof. Pooja R Nawathe

HoD: Prof. Rohit N. Garad





6



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Date: 17/01/2023

Event Attendance

Academic Year: 2022-23

Semester-II

Name of Event: Seminar on "Human Ethics"

Name of the Participant	User Action	Time Stamp
TANMAY DIGAMBAR DABHADE	Joined	01/05/2020, 11:02:02
TEJAS BALASAHEB PANSARE	Joined	01/05/2020, 11:03:04
TELANG ROHIT VIJAYKUMAR	Joined	01/05/2020, 11:03:05
THAKARE HIMANSHU ANANT	Joined	01/05/2020, 11:03:06
TOGE SANKET VILAS	Joined	01/05/2020, 11:03:07
TUSHANT KUMAR	Joined	01/05/2020, 11:03:08
TUSHAR SHASHIDHAR DEVADIGA	Joined	01/05/2020, 11:03:09
PHUGE ROHAN GOKUL	Joined	01/05/2020, 11:03:11
PRAVIN PAWAR	Joined	01/05/2020, 11:03:11
RAGHAVENDRA SINGH	Joined	01/05/2020, 11:03:12
RAUT GAJANAN SURYAKANT	Joined	01/05/2020, 11:03:13
REKHATE SHIVA BALKRUSHNA	Joined	01/05/2020, 11:03:14
. RITIK CHIVATE	Joined	01/05/2020, 11:03:15
of the second se	Joined	01/05/2020, 11:03:16
	Joined	01/05/2020, 11:03:17
	Joined	01/05/2020, 11:03:18
DOLLAN DAMECH	Joined	01/05/2020, 11:03:19
SATPUTE ROHAIT HAITES	1900 Dined	01/05/2020, 11:03:20
	TANMAY DIGAMBAR DABHADE TEJAS BALASAHEB PANSARE TELANG ROHIT VIJAYKUMAR THAKARE HIMANSHU ANANT TOGE SANKET VILAS TUSHANT KUMAR TUSHAR SHASHIDHAR DEVADIGA PHUGE ROHAN GOKUL PRAVIN PAWAR RAGHAVENDRA SINGH RAUT GAJANAN SURYAKANT REKHATE SHIVA BALKRUSHNA RITIK CHIVATE ROHAN PAWAR ROKADE VISHWAJEET PANDIT SACHIN KULAKARNI	TANMAY DIGAMBAR DABHADE TEJAS BALASAHEB PANSARE Joined TELANG ROHIT VIJAYKUMAR Joined THAKARE HIMANSHU ANANT Joined TOGE SANKET VILAS Joined TUSHANT KUMAR Joined PHUGE ROHAN GOKUL PRAVIN PAWAR RAGHAVENDRA SINGH RAUT GAJANAN SURYAKANT REKHATE SHIVA BALKRUSHNA Joined ROHAN PAWAR ROHAN PAWAR Joined ROHAN PAWAR Joined ROHAN PAWAR Joined ROHAN PAWAR Joined SACHIN KULAKARNI Joined Joined SACHIN KULAKARNI Joined Joined Joined SACHIN KULAKARNI Joined

Constant School



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

19	Dhage Pramod Kalidasrao	Joined	01/05/2020, 11:03:21
20	Sarthak Binalkumar Dharmik	Joined	01/05/2020, 11:03:22
21	Dondal Yash Dilip	Joined	01/05/2020, 11:03:23
22	Gautam Yadav	Joined	01/05/2020, 11:03:24
23	Gawade Rohit R	Joined	01/05/2020, 11:03:25
24	Ghanwat Karan Ajit	Joined	01/05/2020, 11:03:26
25	Saurabh Ankush Kamble	Joined	01/05/2020, 11:03:27
26	Kartik Samantelliwar	Joined	01/05/2020, 11:03:28
27	Shounaq Pandit	Joined .	01/05/2020, 11:03:29
28	Hrushikesh G. Raut	Joined	01/05/2020, 11:03:30
29	Sanade Suhel Iqbal	Joined	01/05/2020, 11:03:31
30	Sujit Jogi	Joined	01/05/2020, 11:04:32
31	. Vaje Vishal Nivrutti	Joined	01/05/2020, 11:04:33
32	Aditya Priyadarshi	Joined	01/05/2020, 11:011:31
33	Ajay Mahadeo Dagade	Jained	01/05/2020, 11:04:32
34	Akhil Sharma	Joined	01/05/2020, 11:04:33
• • • • •	Anurag Krishnan Namboodiri	Joined	01/05/2020, 11:04:34
. 35	Atharva Surendra Bhagwat	Joined	01/05/2020, 11:04:34
36	Bhadoriya Brajmohansingh B	Joined	01/05/2020, 11:04:34
37		Joined .	01/05/2020, 11:04:34
38	Bhilare Yashraj Sudhakar	Joined	01/05/2020, 11:04:35
. 39	Chavan Abhijeet Sudhakar	Joined	01/05/2020, 11:04:35
40	Dange Varad Rajesh	atil 300 Joined	01/05/2020, 11:04:35
41	Das Rajdeep Sapath	Chan m	6)



Ajeenkya DY Patil School of Funineering, Lohenson Pune



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

7			
42	Dasai Shreyash Satish	Joined	01/05/2020, 11:04:35
43	Dhage Pramod Kalidasrao	Joined	01/05/2020, 11:04:36
44	Sarthak Binalkumar Dharmik	Joined	01/05/2020, 11:04:36
45	Durge Mayur Dilip	Joined	01/05/2020, 11:04:37
. 46	Avinash Rajkumar Biradar	Joined	01/05/2020, 11:04:38
47	Abhay Chinewar	Joined	01/05/2020, 11:04:38
48	Choudhari Vaibhav Laxman	Joined	01/05/2020, 11:04:38
49	Dolas Rushikesh	Joined	01/05/2020, 11:04:39
50	Jaywant Dode	Joined	01/05/2020, 11:04:39
51	Saurabh Ankush Kamble	Joined	01/05/2020, 11:04:39
52	Kartik Samantelliwar	Joined	01/05/2020, 11:04:39
53	AMAR AVINASH PATIL	Joined	01/05/2020, 11:04:39
54	-GANESH BAJIRAO PATOLE	Joined	01/05/2020, 11:04:39
55	SHAILENDRA MAHENDRA PRATAP SINGH	Joined	01/05/2020, 11:04:39
56	PRASAD RAJENDRAKUMAR THORAT	Joined	01/05/2020, 11:04:39
57	SWAPNIL RAJU MORE	Joined	01/05/2020, 11:04:39
58	Swaraj Raju Pakhare	Joined	01/05/2020, 11:04:39
59	Mandar Krishn Pande	Joined	01/05/2020, 11:04:39
60	Prathamesh Sunil Patil Bende	Joined	01/05/2020, 11:04:39
61	Manohar Raju Patil	Joined	01/05/2020, 11:04:39
62	Nayan Sunil Patil	Joined	01/05/2020, 11:04:39
63	PRASHANT SHYAM NARKE	Joined	01/05/2020, 11:04:39
	AKASH SANJEEV NAVGIRE	Joined	A District Control of the Control of



"Empowerment through quality technical education" AJEENKYA DY PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

65	PRAVIN SHANTARAM NICHIT	Joined	01/05/2020, 11:04:39
66	NISHANT ASHOK PANDEY	Joined	01/05/2020, 11:04:39
67	Jay Pandharinath Pagar	Joined	01/05/2020, 11:04:39
68	bhavesh lakshandev pal	Jóined ·	01/05/2020, 11:04:39
69	AKSHAY BHANUDAS PATIL	Joined	01/05/2020, 11:04:39
70	KALMESH MOHAN PATIL	Joined	01/05/2020, 11:04:39
· 71 ·	manoj jalindar patil	Joined	01/05/2020, 11:04:39
72	SUYASH SUDHIR KADAM	Joined	01/05/2020, 11:04:40
73	PRAVIN SATWIK KALBURGI	Joined	01/05/2020, 11:04:40
. 74	SHIVAM BABURAO KALE	Joined	01/05/2020, 11:04:40
75	SHREYASH POPAT KAMBLE	Joined	01/05/2020, 11:04:40
76	VISHAL YUVRAJ KAMBLE	Joined	01/05/2020, 11:04:40
77	KARTHIK CHARY SAJJANA	Joined	01/05/2020, 11:04:40
78	KAUSTUBH KASHINATH DHAWALE	Joined	01/05/2020, 11:04:40
79	Shreyash Arun Kausal	Joined	01/05/2020, 11:04:40
80	KAUSTUBH NARENDRA KESKAR	Joined	01/05/2020, 11:04:40
81	RANJIT RAMCHANDRA KOLI	Joined	.01/05/2020, 11:04:40
82	ROHIT RAMCHANDRA KOLI	Joined	01/05/2020, 11:04:40
83	Saurabh Ankush Kamble	Joined	01/05/2020, 11:04:40
84	Kartik Samantelliwar	Joined	01/05/2020, 11:04:40
85	Shounaq Pandit	Joined	01/05/2020, 11:04:40
86	Hrushikesh G. Raut	Joined	01/05/2020, 11:04:40
87	Sanade Suhel Iqbal	Joined	01/05/2020, 11:04:40
- 1	School Patti Solo	Park Control of the C	

Machanical Engineering



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

88	Sujit Jogi	Joined	01/05/2020, 11:04:40
89	Vaje Vishal Nivrutti	Joined	01/05/2020, 11:04:42
90	ANKIT KUMAR MISHRA	Joined	01/05/2020, 11:04:43
91	BHAGAT KSHITIJ SUSHANT	Joined	01/05/2020, 11:04:43
92	BORA DARSHAN BHARAT	Joined	01/05/2020, 11:04:44
93	BORKAR GAURI VAMAN	Joined	01/05/2020, 11:04:44
94	CHAVAN PAVAN VIJAY	Joined	01/05/2020, 11:04:44
95	DIGVIJAY DHANANJAY SHINGADE	Joined	01/05/2020, 11:04:44
96	GAIKWAD PRAJWAL HANUMANT	Joined	01/05/2020, 11:04:44
97	AMLRAJ J PILLAI	Joined	01/05/2020, 11:04:45
98	BADGUJAR ANKUSH MAHENDRA	Joined	01/05/2020, 11:04:45
99	BAHADURKAR ANKUSH SHANKARRAO	Joined	01/05/2020, 11:04:46
100	BARGE KUNAL KISANRAO	Joined	01/05/2020, 11:04:46

Name and Sign of Coordinator: Prof. P. R. Nawathe

HoD: Prof. R. N. Garad

Mechanical Engineering of Congression, Pune #





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of Engineering Sciences

Form No. IQAC/28

Date: 07/02/2023

Event Notice

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Soft Skills and Placement Talk"

Mode of Conduction: Online

Date of the event ::

Sr. No.	Date & Day	Time	Speaker
. 1	09/02/2023, Thursday	02:00 pm to 03:00 pm	Mr Abhishek Bharti and
			Mr. Dattaprasad Suvarnakar

Prof. P.R. Nawathe

Event Coordinator

Prof. R. N. Garad

Head of Department

Dr. F. B. Sayyad

Principal

Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune





1



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Date:

10/02/2023

Event Report

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Soft Skills and Placement Talk"

Date and Time	09/ 02 /2023 2.00 to 3.00 pm
Event Venue	Dr D Y Patil School of Engineering
Organized by	Mechanical Department
Targeted Audience	Mechanical Students
Resource Person	Mr. Abhishek Bharti and Dattaprasad Suvarnkar (Vanderlande and Alumni of Mechanical Dept, DYPSOE)

Event Contents:

- 1. What is difference between CV, Resume, and Bio-data
- 2. How to handle Interviews
- 3. How to take part in Group Discussion
- 4. How to write CV effectively

Details of the event:

The department of Mechanical Engineering had organized seminar on "Soft Skills and Placement Talk" for the benefit of pre-final year students of D Y Patil School of Engineering. Mr. Abhishek Bharti and Dattaprasad Suvarnkar works in Vanderlande and Alumni of Mechanical Dept, DYPSOE) were the resource persons for this training program.

During the formal inaugural session, Prof.Pooja R Nawathe, Coordinator of Alumni welcomed the gathering and also introduced resource persons to the students.

First session of training began with identifying the differences between CV, resume and bio data. In the training program, the students were taught about some good etiquette to be followed while attending interviews. Tips and guidelines for attending HR interview were also dealt in detail. A mock HR round interview was also shown. Few frequently asked questions and the effective answers for those questions were discussed.

Engineering

aon, pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

In the second session, Mr. Dattaprasad Suvarnkar gave tips to write attractive CV also advised what the things to be written in CV. He also focused on what is group discussion, how to take part in group discussion, Dos and Don'ts in group discussion. After giving these tips students were made to take part in group discussions under the guidance of resource person.

At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

Photos:



Name of Coordinator: Prof. Pooja R. Nawathe

HoD: Prof. Rohit N. Gara

Mechanical Engineering State S

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

3



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Event Attendance

Academic Year: 2022-23 Semester-II

Name of Event: Seminar on "Soft Skills and Placement Talk"

Sr. No.	Name of the Participant	User Action	Time Stamp
1.	TANMAY DIGAMBAR DABHADE	Joined	01/05/2020, 11:02:02
2	TEJAS BALASAHEB PANSARE	Joined	01/05/2020, 11:03:04
3	TELANG ROHIT VIJAYKUMAR	Joined	.01/05/2020, 11:03:05
4	-THAKARE HIMANSHU ANANT	Joined	01/05/2020, 11:03:06
5	TOGE SANKET VILAS	Joined	01/05/2020, 11:03:07
6	TUSHANT KUMAR	Joined	01/05/2020, 11:03:08
7	TUSHAR SHASHIDHAR DEVADIGA	Joined	01/05/2020, 11:03:09
8	PHUGE ROHAN GOKUL	Joined	01/05/2020, 11:03:11
9	PRAVIN PAWAR	Joined	01/05/2020, 11:03:11
10	RAGHAVENDRA SINGH	Joined	01/05/2020, 11:03:12
11	RAUT GAJANAN SURYAKANT	Joined	01/05/2020, 11:03:13
12	REKHATE SHIVA BALKRUSHNA	Joined	01/05/2020, 11:03:14
13	RITIK CHIVATE	Joined	01/05/2020, 11:03:15
14	ROHAN PAWAR	Joined	01/05/2020, 11:03:16
15	ROKADE VISHWAJEET PANDIT	Joined	01/05/2020, 11:03:17
16	SACHIN KULAKARNI	Joined	01/05/2020, 11:03:18
17	SATPUTE ROHAN RAMESH	Joined	01/05/2020, 11:03:19
18 '	Dasai Shreyash Satish	Joined	01/05/2020, 11:03:20
19	Dhage Pramod Kalidasrao	oined	01/05/2020, 11:03:21

Ajeenkya DY Patil School of Engineering School, Pune



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

	20	Sarthak Binalkumar Dharmik	Joined	01/05/2020, 11:03:22
. ,	21.	Dondal Yash Dilip	Joined	01/05/2020, 11:03:23
	22	Gautam Yadav	Joined	01/05/2020, 11:03:24
	23	Gawade Rohit R	Joined	01/05/2020, 11:03:25
	24	Ghanwat Karan Ajit	Joined	01/05/2020, 11:03:26
	25	Saurabh Ankush Kamble	Joined	01/05/2020, 11:03:27
	26	Kartik Samantelliwar	Joined	01/05/2020, 11:03:28
	27	Shounaq Pandit	Joined	01/05/2020, 11:03:29
	28	Hrushikesh G. Raut	Joined	01/05/2020, 11:03:30
	29	Sanade Suhel Iqbal	Joined	01/05/2020, 11:03:31
	30 .	Sujit Jogi	Joined	01/05/2020, 11:04:32
	31	Vaje Vishal Nivrutti	Joined	01/05/2020, 11:04:33
	32	Aditya Priyadarshi	Joined	01/05/2020, 11:011:31
	33	Ajay Mahadeo Dagade	Joined	01/05/2020, 11:04:32
	34	Akhil Sharma	Joined	01/05/2020, 11:04:33
	35	Anurag Krishnan Namboodiri	Joined	01/05/2020, 11:04:34
	36	Atharva Surendra Bhagwat	Joined	01/05/2020, 11:04:34
	37 .	Bhadoriya Brajmohansingh B	Joined	01/05/2020, 11:04:34
	38,	Bhilare Yashraj Sudhakar	Joined	01/05/2020, 11:04:34
	39	Chavan Abhijeet Sudhakar	Joined	01/05/2020, 11:04:35
	40	Dange Varad Rajesh	Joined	01/05/2020, 11:04:35
	41	Das Rajdeep Sapath	Joined	01/05/2020, 11:04:35
*	42	Dasai Shreyash Satish	Joined	01/05/2020, 11:04:35

Engineering



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

43	Dhage Pramod Kalidasrao	Joined	01/05/2020, 11:04:36
- 44	Sarthak Binalkumar Dharmik	Joined	01/05/2020, 11:04:36
45	Durge Mayur Dilip	Joined	01/05/2020, 11:04:37
46	Avinash Rajkumar Biradar	Joined	01/05/2020, 11:04:38
47	Abhay Chinewar	Joined	01/05/2020, 11:04:38
48	Choudhari Vaibhav Laxman	Joined	01/05/2020, 11:04:38
49	Dolas Rushikesh	Joined	01/05/2020, 11:04:39
50	Jaywant Dode	Joined	01/05/2020, 11:04:39
51	Saurabh Ankush Kamble	Joined	01/05/2020, 11:04:39
52	Kartik Samantelliwar	Joined	01/05/2020, 11:04:39
53	AMAR AVINASH PATIL	Joined	01/05/2020, 11:04:39
54	GANESH BAJIRAO PATOLE	Joined .	01/05/2020, 11:04:39
55	SHAILENDRA MAHENDRA PRATAP SINGH	Joined	01/05/2020, 11:04:39
56	PRASAD RAJENDRAKUMAR THORAT	Joined	01/05/2020, 11:04:39
57	SWAPNIL RAJU MORE	Joined	01/05/2020, 11:04:39
58	Swaraj Raju Pakhare	Joined	01/05/2020, 11:04:39
59	Mandar Krishn Pande	Joined	01/05/2020, 11:04:39
60	Prathamesh Sunil Patil Bende	Joined	01/05/2020, 11:04:39
61	Manohar Raju Patil	Joined	01/05/2020, 11:04:39
62	Nayan Sunil Patil	Joined	01/05/2020, 11:04:39
63	PRASHANT SHYAM NARKE	Jóined	01/05/2020, 11:04:39
64	AKASH SANJEEV NAVGIRE	Joined	01/05/2020, 11:04:39
65 .	PRAVIN SHANTARAM NICHT 1 Pall School	Joined	01/05/2020, 11:04:39

Engineering



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of Engineering Sciences

Form No. IQAC/28

	AUGUANT ACHOK DANDEY	1	04/05/0000 44 04 00
66	NISHANT ASHOK PANDEY	Joined	01/05/2020, 11:04:39
67	Jay Pandharinath Pagar	Joined	01/05/2020, 11:04:39
68	bhavesh lakshandev pal	Joined	01/05/2020, 11:04:39
69	AKSHAY BHANUDAS PATIL	Joined	01/05/2020, 11:04:39
70	KALMESH MOHAN PATIL	Joined	01/05/2020, 11:04:39
71	manoj jalindar patil	Joined	01/05/2020, 11:04:39
= 72	SUYASH SUDHIR KADAM	Joined	01/05/2020, 11:04:40
73	PRAVIN SATWIK KALBURGI	Joined	01/05/2020, 11:04:40
74	SHIVAM BABURAO KALE	Joined	01/05/2020, 11:04:40
75	SHREYASH POPAT KAMBLE	Joined	01/05/2020, 11:04:40
76	VISHAL YUVRAJ KAMBLE	Joined	01/05/2020, 11:04:40
77	KARTHIK CHARY SAJJANA	Joined	01/05/2020, 11:04:40
78	KAUSTUBH KASHINATH DHAWALE	Joined	01/05/2020, 11:04:40
7.9	Shreyash Arun Kausal	Joined	01/05/2020, 11:04:40
. 80	KAUSTUBH NARENDRA KESKAR	Joined.	01/05/2020, 11:04:40
81	RANJIT RAMCHANDRA KOLI	Joined	01/05/2020, 11:04:40
82	ROHIT RAMCHANDRA KOLI	Joined	01/05/2020, 11:04:40
83	Saurabh Ankush Kamble	Joined	01/05/2020, 11:04:40
84	Kartik Samantelliwar	Joined	01/05/2020, 11:04:40
85	Shounaq Pandit	Joined	01/05/2020, 11:04:40
86	Hrushikesh G. Raut	Joined	01/05/2020, 11:04:40
87	Sanade Suhel Iqbal	Joined	01/05/2020, 11:04:40
88	Sujit Jogi Mechanical	Joined	01/05/2020, 11:04:40

onegaon, pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

89	Vaje Vishal Nivrutti	Joined	01/05/2020, 11:04:42
90	ANKIT KUMAR MISHRA	Joined	01/05/2020, 11:04:43
91	BHAGAT KSHITIJ SUSHANT	Joined	01/05/2020, 11:04:43
· 92	BORA DARSHAN BHARAT	Joined	01/05/2020, 11:04:44
93	BORKAR GAURI VAMAN	Joined	01/05/2020, 11:04:44
94	CHAVAN PAVAN VIJAY	Joined	01/05/2020, 11:04:44
. 95	DIGVIJAY DHANANJAY SHINGADE	Joined	01/05/2020, 11:04:44
96	GAIKWAD PRAJWAL HANUMANT	Joined	01/05/2020, 11:04:44
97	AMLRAJ J PILLAI	Joined	01/05/2020, 11:04:45
98	BADGUJAR ANKUSH MAHENDRA	Joined	01/05/2020, 11:04:45
99	-BAHADURKAR ANKUSH SHANKARRAO	Joined	01/05/2020, 11:04:46
100	BARGE KUNAL KISANRAO	Joined	01/05/2020, 11:04:46

Name and Sign of Coordinator: Prof. P. R. Nawathe

HoD: Prof. R. N. Garad

Mechanical Engineering Selection Pune *





Dr. D. Y. Patil Technical Campus

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: www.dypic.inContact No.:020-6707 7926

A.Y.2022-23

Date:-06/01/2023

NOTICE

All the faculties are hereby informed to attend the departmental meeting in HoD on 06th Jan 2023 at 11:00 AM to discuss Course Outcomes (COs) of the Subjects for Semester II, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the department.

atil School

Engineering

Ohegaon, Pune

Lt.Col. Sanjay Karodpati (Retd). Head of Civil Engineering Department

HOD
Civil Engineering
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune





Dr. D. Y. Patil Technical Campus

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: www.dypic.inContact No.:020-6707 7926

Minutes of Meeting

Ref No: ADYPSOE/ Civil Dept/AY 2022-2023_Sem II/Meeting No.11

Date of Meeting: 06/01/2023

Venue: HOD Cabin

Agenda of Meeting: To discuss vision & missions of the department, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

Presided By: Lt.Col.Sanjay Karodpati (Retd).

Points Discussed:

- 1. The vision and missions of the department are discussed in the meeting.
- 2. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to the Stake holders. And Cos should be discussed with students at the beginning and end of each unit for all subjects.

Resolutions

1. It has been decided to work on missions to fulfill the vision of the program.

Prepared by Aakanksha Ingle

Lt.Col. Sanjay Karodpati(Retd).

Civil Engineering Ajeenkya DY Patil School of Engineering Lohegaon, Pune Principal Dr. F.B. Sayyad



Following Teaching/Non-teaching staff has attended the meeting

Sr. No.	Name of the faculty	Sign
1.	Prof. S. M Karodpati	Ø.
2.	Prof. R.C.Katdare	Att
3.	Prof. J.D. Dalvi	
4.	Prof. Swapnil Bijwe	
5.	Prof. Uday Kakade	Bolle
6.	Prof. Uzma Shaikh	
7.	Prof. Prasad Gayake	
8.	Prof. Sarika Kokate	1
9.	Prof. Aakanksha Ingle	Art.
10.	Prof. Sheetal Marwar	45tanw
11.	Prof. Ashutosh Patil	The title of the second of the
12.	Mr. Maruti Jadhav	
13.	Mrs. Usha Hodgar	
14.	Mrs. Raghini Kelkar	-
15.	Mrs. Kiran Gaikwad	Hailur

Prof. Lt.Col. Sanjay Karodpati

H.O.D

HOD
Civil Engineering
Chankya DY Patil School of Engineering
Lohegaon, Pune







Dr. D. Y. Patil Technical Campus

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: <u>www.dypic.in</u>Contact No.:020-6707 7926

A.Y.2022-23

Date:-12/07/2022

NOTICE

All the faculties are hereby informed to attend the departmental meeting in HoD on 12th July 2022 at 3:00 pm to discuss Course Outcomes (COs) of the Subjects for Semester I, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the department and Commencement of Semester I for AY 2022-23.

patil School

Engineering

ohegaon, Pune

Lt.Col. Sanjay Karodpati (Retd). Head of Civil Engineering Department

HÔD Civil Engineering Ajeenkya DY Patil School of Engineering Lohegaon, Pune



Dr. D. Y. Patil Technical Campus

Ajeenkya D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: www.dypic.inContact No.:020-6707 7926

Minutes of Meeting

Ref No: ADYPSOE/ Civil Dept/AY 2022-2023_SEM I/Meeting No.02

Date of Meeting: 12/07/2022

Venue: HOD Cabin

Agenda of Meeting: To discuss vision & missions of the department, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

Presided By: Lt.Col. Sanjay Karodpati (Retd).

Points Discussed:

- 1. The vision and missions of the department are discussed in the meeting.
- 2. The Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program are discussed with all faculty members.
- 3. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to the Stake holders. And Cos should be discussed with students at the beginning and end of each unit for all subjects.

Resolutions

- 1. It has been decided to work on missions to fulfil the vision of the program.
- 2. It has been decided to communicate COs, POs, PSOs & PEOs of the program to the Stakeholders.

Prepared by Aakanksha Ingle

Lt.Col. Sanjay Karodpati(Retd).

Ajeenkya DY Patil School of Engineering Lohegaon, Pune

Principal
Ajeenkya BY Patit School of
Engineering, Lohegaon, Pune



Principal
Dr. F.B. Sayyad



Following Teaching/Non-teaching staff has attended the meeting

Sr. No.	Name of the faculty	Sign
1.	Prof. S. M Karodpati	ajix-
2.	Prof. R.C.Katdare	40
3.	Prof. J.D. Dalvi	-
4.	Prof. Swapnil Bijwe	
5.	Prof. Uday Kakade	pulde
6.	Prof. Uzma Shaikh	
7.	Prof. Prasad Gayake	
8.	Prof. Sarika Kokate	
9.	Prof. Aakanksha Ingle	HT.
10.	Prof. Sheetal Marwar	Sprana
11.	Prof. Ashutosh Patil	
12.	Mr. Maruti Jadhav	
13.	Mrs. Usha Hodgar	
14.	Mrs. Raghini Kelkar	
15.	Mr. Kiran Gaikwad	

Prof. Lt.Col. Sanjay Karodpati

H.O.D

HOD

CIVII Engineering
Ajaenkya DY Patil School of Engineering
Lohegaon, Pune





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Civil Engineering

Mapping of CO-PO through activities

Name of Subject Teacher: Prof Aniket Nimade

Academic year: 2022-23 Semester: I

Subject : Mechanics of structures

Class: SE

Div: A

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	1	2	2	1	1	1	1	1	1	1	1
CO 2	3	2	2	2	1	1	0	0	1	1	1	0
CO 3	3	2	2	2	1	1	0	0	1	1	1	0
CO 4	3	2	2	1	1	1	0	0	1	1	1	0
CO 5	3	1	2	2	1	1	0	0	1	1	1	0
CO 6	2	1	2	2	1	1	0	0	1	1	1	1

Sr. No .	Activity	PO	Justification
01	Guest lecture on Environment and sustainability	07	Environment and sustainability
02	Guest lecture on ethics	08	Ethics
03	Guest lecture on life-long learning	12	Life-long learning
04	Guest lecture on Individual and team work	09	Individual and team

Subject Teacher

(A)

Principal
Ajeenkya BY Patil School of
Engineering, Lohegaon, Pime



HOD

HOD

Civil Engineering
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Artificial Intelligence and Data Science Engineering

Form No. IQAC/24 (a)

Mapping of CO-PO through activities

Name of Subject Teacher:

Academic year: 2022-23

Semester: I

Subject: Engo Physia.

Class: FE

Div: A & E

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	2	1	0								
CO 2	3	0	2	2	2944		2					
CO 3	0	0		0			2					
CO 4	2	2	3	1								
CO 5	1	2	0	0				3				
CO 6	3	2	2	0								

Note - List of activities carried out to map PO's

Sr. No .	Activity	PO	Justification
01	Seminar on Soft Skill	07	Activity based Mapping
02	Seminar on Life Skill and Ethics	08	Activity based Mapping

Vikoy.

Subject Teacher

Lehegaon. Purie Purie

ON Patil School of Engineering Sciences
HOD Engineering Sciences Ajeenkya DY Patil School of Engineering

Loheggon, Pune

Ajeenty a DY Patil School of Engineering, Lohegaon, Pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Science

Form No. IQAC/30

Date:08/11 /2022

Event Report

Academic Year: 2022-23 Semester-I

Name of the event: Soft Skill Training Programme for UG Students

Date and Time	08/11/2022
Event Venue	Virtual Meet via MS team app
Organized by	Department of Engineering Sciences (F.E.) – Prof.Vikas Mogadpalli
Targeted Audience	Newly admitted students of First Year Engineering of Batch 2022-23
Resource Person	Mrs.Mausami Nilakhe Soft Skills & Life Skill Corporate Trainer, Personal Coach.

Event Contents:

1. The event notice is circulated to students with prior instructions one week before. The session started sharp at 11.00 am. The workshop started with a basic introduction of soft skills, Importance of Communication and types of communication and its importance, Problem solving techniques, importance of teamwork, critical thinking.very importantly time management & decision making is explained for the students. Also we have guided them. How to handle stress of lecture, practical and

Principal
Ajtenkya DY Patil School of
Engineering, Lohegaon, Pune

1

93

- Also some Good Basic Life Lessons are given to students regarding their responsibility as students. How to develop important soft skills Technical competency is the core of your career in engineering.
- 3. Guided them regarding Myers-Briggs Indicators test and provided them the free Test link so that by giving test they can check their personality type and develop them self accordingly.most importantly guided them regarding ethics and standard practice should be followed in student life.
- Motivated the students to participate in extra curricular and co curricular activities which are taking place in various engineering colleges.
- Guided them regarding time management in day to day life for better utilization of a four year engineering course.
- 6. As feedback, the participants appreciated the event. A few students shared their experiences as very useful, informative and excellent. The participants will look forward to attending similar sessions in future.

Details of the event:

Soft skills play an important role in resume writing, interviewing and finding success in communicating with people at work and in other areas of your life. Soft skills are often transferable across careers and industries. As a result, you may find that you possess many of the required traits even if you don't match the exact profile in a job description. As you search for jobs, pay special attention to posts calling for candidates with soft skills or traits you possess. Even if the job title isn't a great fit, you may find that the description makes sense for you. As you progress through the job search process, keep your resume updated to reflect soft skills most relevant to the jobs you're applying for Key value of a training program helps turn young talent into tomorrow's leaders.





Geotagged Photos:







Name and Sign of Coordinator:Prof.Vikas Mogadpalli

Departmental Event Coordinator: Prof. Vikas Mogadpalli



HoD:Dr.S.M.Kharnar

HOD

Engineering Sciences Ajeenkya DY Patil School of Engineering Lohegaan, Pune







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/30

Date: 26/11/2022

Event Report

Academic Year: 2022-23 Semester-I

Name of the Event: Seminar on "Life skill & Professional Ethics:

Date and Time	26/11/2022, 9:00 am to 10:00 am
Event Venue	Online MS team platform
Organized by	Vikas Mogadpalli
Targeted Audience	Newly admitted FE batch 2022-23
Resource Person	Mr. G. Venkateshwaran

Event Contents:

- 1. Introduction of Guest & Agenda of event
 - 1. Boosts student performance and overall academic improvement.
 - 2. Helps students gain the determination to achieve their goals thereby transforming them into better students.
 - 3. Calms down frustration among students who suffer from instability of their emotional well-being.
 - 4. Increases self-confidence and quality of relationships that you make with other people.
 - 5. Alleviates psychological pressure in students that are capable of triggering various symptoms of depression.
- 2. Need of yoga and meditation for youth for overall development

3. Meditation and yoga have direct contribution to improve mental focus and concentration among students.





Ajeeritya DY Patil School of Engineering, Lohegaon, Pune

- 4. Physical exercise like Asanas
- 5. Pranayama like Bhastrika, Kapalbharati, Anulom-vilom, Udgit & Bhramari etc.
- 6. Causes of stress & its type, Solution for stress, anxiety, hypertension etc.

Details of the event:

Department of Engineering Sciences (FE) in association with FESA have organized Life skill workshop: "Like skill workshop: Yoga & Meditation- Need for health & Happiness. Guest Speaker invited for conduction of event is Mr. G. Venkateshwaran, Sr., Teacher at Art of Living, Pune

Recent survey on different parameter & psychological studies revealed that 60-70% of youth generation are falling into depression due to stress. Youth of modern age is not leading quality and happy life. In Academic life student have to perform different task like exam preparation, thinking of job, handling of financial stress, handling of social response, fulfillment of parent expectations & demand, handling of family issues. As a result they are sinking themselves into undesirable academics & personal problems making them feel lost. Due to loss of self-confidence & loneliness student will not be able to perform simple task. Sometimes worst situations leads them into dark phase where come back is not possible. This situation badly affect their mental and physical health. At this junction stress reliving activities are necessary. They works as a antidotes to stress, anxiety & tension. As per modern curriculum given by the AICTE, awareness of physical activity includes yoga & exercise are compulsory at the time Student Induction Programme.

The event notice is circulated to students with prior instructions one day before. The first session is started sharp at 9:00 am. Mr. G. Venkateshwaran explained aspects of yoga for enhancing the immunity. He also gave detailed information about different meditation techniques and hast mudras (Hand Postures) used at the time of yoga. He explained the importance of Music and yoga for mind. Mind is the major part, which controls the entire body. So mind should be tuned properly. For tuning the mind, music and yoga are the important factors that will help to develop sound health. He also taught some important yoga exercise which can be used as stress relieving activity. He highlighted the roles played by Dhyana, Dharana and Samadhi that help musicians to attain perfection in their performance.



Engineoring Sciences Sciences Pune 4

Algeritya DY Patil School of Engineering, Lohegaon, Pune

In second session, Mr. G. Venkateshwaran demonstrated the different asana and pranayama useful for students in their academic life. The student participants made a demonstration of the Asanas learnt by them in the workshop. The event is concluded with vote of thanks by Prof. Arya. The technical support was provided by Prof. Awes Ansari.

Geotagged Photos:

















Name and Sign of Coordinator: Vikas Mogadpalli

Departmental Event Coordinator: Vikas Mogadpalli

HoD: Dr. S. M. Khairnar

HOD

Engineering Sciences Ajeenkya DY Patil School of Engineeri Lohegaen, Pune

Principal





"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF

ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Science

Form No. IQAC/25

Date: 3/11/2022

Semester-I

Event Notice

Academic Year: 2022-23

Name of the event : Soft Skill Traning

Date of the event : 11 Nov 2022 Time: 11.00 a.m. Onward

Venue : ADYPKC Auditorium and Virtual Platform

We, the department of Engineering Science are commencing our AY 2022-23 by welcoming our first batch of 'Ajeenkya DY Patil School Engineering'. On this occasion, we are organizing a **First Year Engineering** – **Soft Skill Traning** on 11 Nov in ADYPKC auditorium. Students will be given a detail orientation about FE academics, department activities, scholarship form, exam form etc.

Name and Sign of Coordinator: Mogadpalli Vikas Pandurang

HoD: Dr. S. M. Khairnar

HOD
Engineering Sciences
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune

Control School

* Lohegaon, Purs

School

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Principal



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of Computer Engineering

Form No. IQAC/24 (a)

Mapping of CO-PO through activities

Name of Subject Teacher: Prof Ajita A Mahapadi Academic year: 2022-23

Semester: II Subject: Software Engineering Class: SE Div: A

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2										-	12
CO 2	2	1			2							1
CO 3	2				1	A-421			1		1	-
CO 4	2											
CO 5	2				1							1
CO 6												1

Note - List of activities carried out to map PO's

Sr. No.	Activity	PO	Justification
01	Seminar on soft skills and technical skills	07	Activity based Mapping
02	Seminar on Human Ethics	08	Activity based Mapping

Prof Ajita A Mahapadi

Subject Teacher

Principal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune Dr.Pankaj Agarkar

HOMOD Computer Engineering

Ajeenkya DY Patil School of Engineering Lohegaon, Pune



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of Computer Engineering

Form No. IQAC/28

Date: 27/01/2023

Event Notice

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Soft Skills and Placement Talk"

Mode of Conduction: Online

Date of the event :

Sr. No.	Date & Day	Time	Speaker
1	30/01/2023, Monday	02:00 pm to 03:00 pm	Mr. Sanket Gedam, Technical
			Manager in IBM,Hinjewadi

Prof Ajita A Mahapadi

all School

Computer

Dr.Pankaj Agarkar

Event Coordinator

Head of Department HOD

Computer Engineering Ajeenkya DY Patil School of Engineering

Lohegaon, Pune

Dr. F. B. Sayyad

Principal

Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

3 frag



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of Computer Engineering

Form No. IQAC/28

Date:

30/01/2023

Event Report

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Soft Skills and Placement Talk"

Date and Time	30/ 01 /2023 2.00 to 3.00 pm
Event Venue	Dr D Y Patil School of Engineering
Organized by	Computer Department
Targeted Audience	SE computer Students
Resource Person	Mr. Sanket Gedam, Technical Manager in IBM, Hinjewadi

Event Contents:

- 1. What is difference between CV, Resume, and Bio-data
- 2. How to handle Interviews
- 3. How to take part in Group Discussion
- 4. How to write CV effectively

Details of the event:

The department of computer Engineering had organized seminar on "Soft Skills and Placement Talk" for the benefit for students of D Y Patil School of Engineering Mr. Sanket Gedam, Technical Manager in IBM, Hinjewadi were the resource persons for this training program.

During the formal inaugural session, Prof Ajita A Mahapadi, Coordinator of Alumni welcomed the gathering and also introduced resource persons to the students.

First session of training began with identifying the differences between CV, resume and bio data. In the training program, the students were taught about some good etiquette to be followed while attending interviews. Tips and guidelines for attending HR interview were also dealt in detail. A

Principal

Ajeenkya TV Patil School of Engineering Long ton, Puna 2



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

mock HR round interview was also shown. Few frequently asked questions and the effective answers for those questions were discussed.

In the session, Mr. Sanket Gedam gave tips to write attractive CV also advised what the things to be written in CV. He also focused on what is group discussion, how to take part in group discussion, Dos and Don'ts in group discussion. After giving these tips students were made to take part in group discussions under the guidance of resource person.

At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

Photos:



4

Name of Coordinator: Prof Ajita A Mahapadi

HoD: Dr.Pankaj Agarkar

HOD Computer Engineering Ajeenkya DY Patil School of Engineering Lohegaon, Pune

Computer Engineering



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

Event Attendance

Academic Year: 2022-23 Semester-II

Name of Event: Seminar on "Soft Skills and Placement Talk"

Sr. No.	Name of the Participant	User Action	Time Stamp	
1	Aditi Priyadarshini Jadhav	Joined	15/02/2023, 11:02:02	
2	Aditya Maruti Mohite	Joined	15/02/2023, 11:03:04	
3	Akshita Kumari	Joined	15/02/2023, 11:03:05	
4	Shrivardhan Pradeep Ambekar	Joined	15/02/2023, 11:03:06	
5	Amit Shivaji Garje	Joined	15/02/2023, 11:03:07	
6	Anand Anil Darekar	Joined	15/02/2023, 11:03:08	
7	Ansari Asraurooj Ehteshamulhaque	Joined	15/02/2023, 11:03:09	
8	Aaradhya Santosh Dhawale	Joined	15/02/2023, 11:03:11	
9	Arya Shivam Kumar	Joined	15/02/2023, 11:03:11	
10	Astha Raghuwanshi	Joined	15/02/2023, 11:03:12	
11	Prathamesh Prashant Awari	Joined	15/02/2023, 11:03:13	
12	Ayush Umesh Telrandhe	Joined	15/02/2023, 11:03:14	
13	Rohit Tukaram Bagade	Joined	15/02/2023, 11:03:15	
14	Rohan Sanjay Balsaraf	Joined	15/02/2023, 11:03:16	
15	Rutuja Rohidas Bankar	Joined	15/02/2023, 11:03:17	
16	Prasanna Baviskar	Joined	15/02/202311:03:18	
17	Samruddhi Bhende	Joined	15/02/2023, 11:03:19	





4



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

18	BHIMASHANKAR BHURE	Joined	15/02/2023,11:03:20
19	Biradar Amit Shivaji	Joined	15/02/2023,11:03:21
20	Biradar Omkar Angadrao	Joined	15/02/2023,11:03:22
21	Aditya shyam bobade	Joined	15/02/2023, 11:03:23
22	Kajal Balasaheb Borude	Joined	15/02/2023, 11:03:24
23	Kashish Rajesh Chandwani	Joined	15/02/2023, 11:03:25
24	Onkar Vijay Chavhan	Joined	15/02/2023, 11:03:26
25	Choudhary Naresh Chunnilal	Joined	15/02/2023, 11:03:27
26	Sujal Dalvi	Joined	15/02/2023, 11:03:28
27	Sandesh Rajabhau Darade	Joined	15/02/2023, 11:03:29
28	Anuj Deshmukh	Joined	15/02/2023, 11:03:30
29	Saurabh Bhagwat Dhole	Joined	15/02/2023, 11:03:31
30	Manas Ratan Donde	Joined	15/02/2023, 11:04:32
31	Ganesh Ashok Gagare	Joined	15/02/2023, 11:04:33
32	Gauri Walke	Joined	15/02/2023, 11:011:31
33	Dhruva Niraj Gavit	Joined	15/02/2023, 11:04:32
34	Ranjit Dinkar Ghatage	Joined	15/02/2023, 11:04:33
35	Vedant Ghodekar	Joined	15/02/2023, 11:04:34
36	Onkar Siddheshwar Ghodke	Joined	15/02/2023, 11:04:34
37	Prajakta Manoj Ghugare	Joined	15/02/2023, 11:04:34
38	Supriya Sheshrao Girhepunje	Joined	15/02/2023, 11:04:34
39	Rushikesh Pravin gokhale	Joined	15/02/2023, 11:04:35
10	Gaurav Nitin Gujar	Joined	15/02/2023, 11:04:35

5



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

41	Dhanashri Hedau	Joined	15/02/2023, 11:04:35
42	Hitendra Sirvi	Joined	15/02/2023, 11:04:35
43	Rakesh Hokrani	Joined	15/02/2023, 11:04:36
44	Tanishq Jadhav	Joined	15/02/2023, 11:04:36
45	Aditya Jagtap	Joined	15/02/2023, 11:04:37
46	Jayesh Parmar	Joined	15/02/2023, 11:04:38
47	Shruti Jogdand	Joined	15/02/2023, 11:04:38
48	Pranav Kale	Joined	15/02/2023, 11:04:38
49	Sakshi Santosh Kasar	Joined	15/02/2023, 11:04:39
50	Pawan Moreshwar Katre	Joined	15/02/2023, 11:04:39
51	Suraj Dilip Khot	Joined	15/02/2023, 11:04:39
52	Harish parshuram kirve	Joined	15/02/2023, 11:04:39
53	Snehal Sidu Kolse Patil	Joined	15/02/2023, 11:04:39
54	Anushka Ajay Konde	Joined	15/02/2023, 11:04:39
55	Advait Pramod Korde	Joined	15/02/2023, 11:04:39
56	Lagad Samyak Sunil	Joined	15/02/2023, 11:04:39
57	Lohakane Nakul Goraksha	Joined	15/02/2023, 11:04:39
58	shubham vijay magar	Joined	15/02/2023, 11:04:39
59	Ankkit Vikas Mahadik	Joined	15/02/2023, 11:04:39
50	Prajwal Chandrakant Mahale	Joined	15/02/2023, 11:04:39
51	Sakshi Sanjay Mahalle	Joined	15/02/2023, 11:04:39
52	Piyush Sanjay Mali	Joined	15/02/2023, 11:04:39
53	Atharvaraj Avinash Mallav	Joined	15/02/2023, 11:04:39



Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

6



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

	Amar Udayrao Manjarathkar	Joined	15/02/2023, 11:04:3
65	Karan Thakuji Mawale	Joined	15/02/2023, 11:04:39
66	Pandurang Aghav	Joined	
67	Pratik Katore	Joined	15/02/2023, 11:04:39
68	Priyanshi Sugandhi		15/02/2023, 11:04:39
69		Joined	15/02/2023, 11:04:39
	Rajat Acharjee	Joined	15/02/2023, 11:04:39
70	SHIVANI SAWANT	Joined	15/02/2023, 11:04:39
71	Sakshi hinge	Joined	
72	Sanket Bhasmare		15/02/2023, 11:04:39
73	Sanskruti Mane	Joined	15/02/2023, 11:04:40
74		Joined	15/02/2023, 11:04:40
We di	Saurabh Bhamare	Joined	01/05/2020, 11:04:40
75	Saurabh Shinde	Joined	15/02/2023, 11:04:40
76	Shifa Khan	Joined	
77	Shraddha Zaware	Joined	15/02/2023, 11:04:40
78	Sujeeth Parthasarathi		15/02/2023, 11:04:40
79		Joined	15/02/2023, 11:04:40
	Sujit Babar	Joined	15/02/2023, 11:04:40
80	Tushar Gadkar	Joined	15/02/2023, 11:04:40
81	Vaishnavi Nagtilak	Joined	
32	Vaishnavi Rajure	Joined	15/02/2023, 11:04:40
3	Vinay Uttekar		15/02/2023, 11:04:40
4	Vrushank Bhosale	Joined	15/02/2023, 11:04:40
		Joined	15/02/2023, 11:04:40
5	YASHFIN SHAIKH	Joined	15/02/2023, 11:04:40
5	Pandurang Aghav	Joined	15/02/2023, 11:04:40





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

87	Pratik Katore	Joined	15/02/2023, 11:04:40
88	Priyanshi Sugandhi	Joined	15/02/2023, 11:04:40
89	Rajat Acharjee	Joined	15/02/2023, 11:04:42
90	SHIVANI SAWANT	Joined	15/02/2023, 11:04:43
91	Sakshi hinge	Joined	15/02/2023, 11:04:43
92	Sanket Bhasmare	Joined	15/02/2023, 11:04:44
93	Sanskruti Mane	Joined	15/02/2023, 11:04:44
94	Saurabh Bhamare	Joined	15/02/2023, 11:04:44
95	Saurabh Shinde	Joined	15/02/2023, 11:04:44
96	Shifa Khan	Joined	15/02/2023, 11:04:44
97	Shraddha Zaware	Joined	15/02/2023, 11:04:45
98	Sujeeth Parthasarathi	Joined	15/02/2023, 11:04:45
99	Sujit Babar	Joined	15/02/2023, 11:04:46
100	Tushar Gadkar	Joined	15/02/2023, 11:04:46

Name and Sign of Coordinator: Prof. Ajita A Mahapad

HoD: Dr.Pankaj Agarkar

HOD
Computer Engineering
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

Department of Computer Engineering

Form No. IQAC/28

Date:

14/02/2023

Event Notice

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Human Ethics"

Mode of Conduction: Online

Date of the event :

Sr. No.	Date & Day	Time	Speaker
1	15/02/2023, Wednesday	11.00am to 12.00 pm	Prof. Pranali Chavhan (Asst. Prof., VIIT, Pune

Prof Ajita A Mahapadi

Event Coordinator

Dr.Pankaj Agarkar

Head of Department

Principal

Dr. F. B. Sayyad

Computer Engineering Aleenkya DY Patil School of Engineering Lohegaon, Pune







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

Date:

15/02/2023

Event Report

Academic Year: 2022-23

Semester-II

Name of the event: Seminar on "Human Ethics"

Date and Time	15/02/2023 11.00am to 12.00 pm
Event Venue	Dr D Y Patil School of Engineering
Organized by	Computer Department
Targeted Audience	SE Computer Students
Resource Person	Prof. Pranali Chavhan (Asst. Prof., VIIT, Pune)

Event Contents:

- 1. Positive Thinking
- 2. Self Esteem
- 3. Self-Worth
- 4. Self Confidence
- 5. Goal Setting
- 6. Time Management
- 7. Empathy
- 8. Body Language
- 9. Team work
- 10. Decision Making
- 11. Resume Writing
- 12. Interview Skills
- 13. Leadership Quality

Principal





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

Details of the event:

The department of Computer Engineering had organized seminar on "Human Ethics" for the benefit of all students of D Y Patil School of Engineering Prof. Pranali Chavhan(Asst. Prof., VIIT, Pune) were the resource persons for this training program.

During the formal inaugural session, Prof. Ajita A Mahapadi, Coordinator of Alumni welcomed the gathering and also introduced resource persons to the students.

Expert explain Professional ethics are values that manage the attitude of a person or group of corporate/professional environment. It also provide guidelines on an environment on how a person should act towards other people and institutions Education is clearly about understanding (what to do?), learning skills (how to do?) and practicing the understanding & skills leading to fulfilment of one's purpose. It is not just about learning skills (how to do?). The subject which deals with "what to do" and "what not to do" is called value education – it facilitates development of Right Understanding. The subject which deals with "how to do" is called technical education or professional education – it facilitates development of skills. As there is a complementarity among them and are required, the priority need to be values, than skills. The impression on students on professional ethics are • Students respect professionalism • Students disagree dismissal of an employee who are against law • Students respect code of ethics Thus, education has an essential impact on the conduct and perception of the ethics of future professionals. Our college conducts a course to teach these skills through program. They include:

1. Positive Thinking

Positive thinking can help a personality in numerous ways. It leads an individual toward confidence and helps in looking for fine things in life. It brings in an innovative perspective that can craft all the difference in the world.

2. Self Esteem

Self-esteem contributes to a noteworthy position in ones motivation and triumph throughout the life. Low self-esteem may seize one back from succeeding in their respective avenues. On a contrast, having a strong self-esteem can help one accomplish because the individual moves across in his life with a positive attitude and believe in accomplishment of goals.

3. Self-Worth

Self-worth is the sense that one has positive qualities and has achieved good milestones in life. It is the sense of an individual's own importance or value as a person. However, there are



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

numerous paths for a human being to value themselves and measure their worth as a human being, and several of these are more psychologically advantageous than others.

4. Self Confidence

One may be affluent and intelligent. But if one does not poise confidence then he cannot come out and speak. Self-confidence is important than the hard work. It can be obtained through practice

5. Goal Setting

Goal setting is the procedure of identifying something that you want to achieve and institute measurable goals in time bounded frames. It involves the growth of an action plan planned to stimulate and guide an individual to boost efficiency.

6. Time Management

"Until we can manage time, we can manage nothing" – Peter Drucker "Life and time are the world's best teachers. Life teaches us to make good use of time and time teaches us the value of life"- APJ Abdul Kalam Time management is the route of classifying and scheduling how to manage time amid specific activities. Good time management allows an individual to work smarter. There are various methods and skills involved in time management. Few of them include avoiding delay, organizing work-life balance, utilizing waiting time productively; get ready with a 'To-do list', prioritizing tasks, and reinstating useless activities with productive activities.

7. Empathy

Empathy is the skill to comprehend another person's difficulties and point of vision. It is the act of understanding, being responsive of, being aware to, and vicariously experiencing the thoughts, and experience of another of either the past or present without encompassing the feelings, thoughts, and practice fully conversed in a purposive explicit manner

8. Body language

Body language is an important communication skill. It is the unspoken factor of communication that we use to disclose our true emotions and feelings that includes posture.

4



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

and gestures. Positive body language adds vigor to the verbal ideas or messages that one wants to express, it will also help an individual to avoid sending confusing or mixed signals.

9. Team work

It is very significant to have an efficient team leader who motivates the team towards the goal directed behavior. Effective Teamwork includes: • Understanding team goal and objectives • Knowing the roles and responsibilities in the team • Respecting others thoughts, opinions, perspectives • Sharing the knowledge and expertise • Appreciating others contribution • Resolving conflicts with empathy Team work makes Dream works.

10. Decision making

Decision making is a prime skill and is mainly important if you want to be an successful leader. It involves the procedure of deciding between two or more courses of action. In daily decisions, one must decide his course of action in a split second. Decision making skill encompasses foresight, emotional intelligence, intuition, critical thinking and self control. It includes procedures like defining the problem, identifying the alternatives, making the decision and employing the decision. It is very important to evaluate the made decision as it will help in future decision making processes and events.

11. Resume Writing

A resume is a written record of your contact details, skills, skills and employment history. It establishes your details and appears to be appealing and convincing. It reflects and symbolizes an individual. Hence it is very vital to methodically draft the document with the adequate information concerning ones professional life. It is a skill, and specialists in resume writing have taken it as a full time profession too. But individuals have to be skilled to draft their own resume as it is going to be advantageous for their careers and only they know themselves better

12. Interview Skills

Interviewing for an occupation needs a good amount of self-confidence, panache and interpersonal communication sense. They way in which you reflect yourself during an interview give hiring managers a first notion of you as a probable staffer, and set the quality for how you would perform in an daily capacity. Interview skills for setting yourself separately from your competition include advance preparation and research, in-depth information of the company, and a inclusive understanding of the duties of the role you're seeking. Some of the to do things in an interview include: • Organizing the materials required for interview • Good dressing sense • Being cheerful and expressive • Having a positive body posture



"Empowerment through quality technical education"

AJEENKYA DY PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

13. Leadership Quality

The aptitude to lead relies on a number of key skills, but different leaders have different styles of leadership. Leadership in itself is a constellation of various skill sets like: • Effective Communication • Motivation • Delegation • Trustworthiness • Creativity • Feedback • Responsibility • Decision Making • Strategic Planning • People Management • Persuasion and Influence • Change Management

Photos:



Name of Coordinator: Prof Ajita A Mahapadi

HoD: Prof. Dr.Pankaj Agarkar





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

Date: 15/02/2023

Event Attendance

Academic Year: 2022-23

Semester-II

Name of Event: Seminar on "Human Ethics"

Sr. No.	Name of the Participant	User Action	Time Stamp
	Aditi Priyadarshini Jadhav	Joined	15/02/2023, 11:02:02
2	Aditya Maruti Mohite	Joined	15/02/2023, 11:03:04
3	Akshita Kumari	Joined	15/02/2023, 11:03:05
4	Shrivardhan Pradeep Ambekar	Joined	15/02/2023, 11:03:06
5	Amit Shivaji Garje	Joined	15/02/2023, 11:03:07
6	Anand Anil Darekar	Joined	15/02/2023, 11:03:08
7	Ansari Asraurooj Ehteshamulhaque	Joined	15/02/2023, 11:03:09
8	Aaradhya Santosh Dhawale	Joined	15/02/2023, 11:03:11
9	Arya Shivam Kumar	Joined	15/02/2023, 11:03:11
10	Astha Raghuwanshi	Joined	15/02/2023, 11:03:12
11	Prathamesh Prashant Awari	Joined	15/02/2023, 11:03:13
12	Ayush Umesh Telrandhe	Joined	15/02/2023, 11:03:14
13	Rohit Tukaram Bagade	Joined	15/02/2023, 11:03:15
14	Rohan Sanjay Balsaraf	Joined	15/02/2023, 11:03:16
15	Rutuja Rohidas Bankar	Joined	15/02/2023, 11:03:17



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

16	Prasanna Baviskar	Joined	15/02/202311:03:18
17	Samruddhi Bhende	Joined	15/02/2023, 11:03:19
18	BHIMASHANKAR BHURE	Joined	15/02/2023,11:03:20
19	Biradar Amit Shivaji	Joined	15/02/2023,11:03:21
20	Biradar Omkar Angadrao	Joined	15/02/2023,11:03:22
21	Aditya shyam bobade	Joined	15/02/2023, 11:03:23
22	Kajal Balasaheb Borude	Joined	15/02/2023, 11:03:24
23	Kashish Rajesh Chandwani	Joined	15/02/2023, 11:03:25
24	Onkar Vijay Chavhan	Joined	15/02/2023, 11:03:26
25	Choudhary Naresh Chunnilal	Joined	15/02/2023, 11:03:27
26	Sujal Dalvi	Joined	15/02/2023, 11:03:28
27	Sandesh Rajabhau Darade	Joined	15/02/2023, 11:03:29
28	Anuj Deshmukh	Joined	15/02/2023, 11:03:30
29	Saurabh Bhagwat Dhole	Joined	15/02/2023, 11:03:31
30	Manas Ratan Donde	Joined	15/02/2023, 11:04:32
31	Ganesh Ashok Gagare	Joined	15/02/2023, 11:04:33
32	Gauri Walke	Joined	15/02/2023, 11:011:31
33	Dhruva Niraj Gavit	Joined	15/02/2023, 11:04:32
34	Ranjit Dinkar Ghatage	Joined	15/02/2023, 11:04:33
35	Vedant Ghodekar	Joined	15/02/2023, 11:04:34
36	Onkar Siddheshwar Ghodke	Joined	15/02/2023, 11:04:34
37	Prajakta Manoj Ghugare	Joined	15/02/2023, 11:04:34
38	Supriya Sheshrao Girhepunje	Joined	15/02/2023, 11:04:34

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

č

OA.



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

39	Rushikesh Pravin gokhale	Joined	15/02/2023, 11:04:35
40	Gaurav Nitin Gujar	Joined	15/02/2023, 11:04:35
41	Dhanashri Hedau	Joined	15/02/2023, 11:04:35
42	Hitendra Sirvi	Joined	15/02/2023, 11:04:35
43	Rakesh Hokrani	Joined	15/02/2023, 11:04:36
44	Tanishq Jadhav	Joined	15/02/2023, 11:04:36
45	Aditya Jagtap	Joined	15/02/2023, 11:04:37
46	Jayesh Parmar	Joined	15/02/2023, 11:04:38
47	Shruti Jogdand	Joined	15/02/2023, 11:04:38
48	Pranav Kale	Joined	15/02/2023, 11:04:38
49	Sakshi Santosh Kasar	Joined	15/02/2023, 11:04:39
50	Pawan Moreshwar Katre	Joined	15/02/2023, 11:04:39
51	Suraj Dilip Khot	Joined	15/02/2023, 11:04:39
52	Harish parshuram kirve	Joined	15/02/2023, 11:04:39
53	Snehal Sidu Kolse Patil	Joined	15/02/2023, 11:04:39
54	Anushka Ajay Konde	Joined	15/02/2023, 11:04:39
55	Advait Pramod Korde	Joined	15/02/2023, 11:04:39
56	Lagad Samyak Sunil	Joined	15/02/2023, 11:04:39
57	Lohakane Nakul Goraksha	Joined	15/02/2023, 11:04:39
58	shubham vijay magar	Joined	15/02/2023, 11:04:39
59	Ankkit Vikas Mahadik	Joined	15/02/2023, 11:04:39
50	Prajwal Chandrakant Mahale	Joined	15/02/2023, 11:04:39
51	Sakshi Sanjay Mahalle	Joined	15/02/2023 11-04-39

Principal
Aleenkya DY Patil School of
Engineering, Lohegaon, Pune

Lohegaon



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

62	Piyush Sanjay Mali	Joined	15/02/2023, 11:04:39
63	Atharvaraj Avinash Mallav	Joined	15/02/2023, 11:04:39
64	Amar Udayrao Manjarathkar	Joined	15/02/2023, 11:04:39
65	Karan Thakuji Mawale	Joined	15/02/2023, 11:04:39
66	Pandurang Aghav	Joined	15/02/2023, 11:04:39
67	Pratik Katore	Joined	15/02/2023, 11:04:39
68	Priyanshi Sugandhi	Joined	15/02/2023, 11:04:39
69	Rajat Acharjee	Joined	15/02/2023, 11:04:39
70	SHIVANI SAWANT	Joined	15/02/2023, 11:04:39
71	Sakshi hinge	Joined	15/02/2023, 11:04:39
72	Sanket Bhasmare	Joined	15/02/2023, 11:04:40
73	Sanskruti Mane	Joined	15/02/2023, 11:04:40
74	Saurabh Bhamare	Joined	01/05/2020, 11:04:40
75	Saurabh Shinde	Joined	15/02/2023, 11:04:40
76	Shifa Khan	Joined	15/02/2023, 11:04:40
77	Shraddha Zaware	Joined	15/02/2023, 11:04:40
78	Sujeeth Parthasarathi	Joined	15/02/2023, 11:04:40
79	Sujit Babar	Joined	15/02/2023, 11:04:40
30	Tushar Gadkar	Joined	15/02/2023, 11:04:40
31	Vaishnavi Nagtilak	Joined	15/02/2023, 11:04:40
32	Vaishnavi Rajure	Joined	15/02/2023, 11:04:40
33	Vinay Uttekar	Joined	15/02/2023, 11:04:40
34	Vrushank Bhosale	Joined	15/02/2023, 11:04:40



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Computer Engineering

Form No. IQAC/28

85	YASHFIN SHAIKH	Joined	15/02/2023, 11:04:40
86	Pandurang Aghav	Joined	15/02/2023, 11:04:40
87	Pratik Katore	Joined	15/02/2023, 11:04:40
88	Priyanshi Sugandhi	Joined	15/02/2023, 11:04:40
89	Rajat Acharjee	Joined	15/02/2023, 11:04:42
90	SHIVANI SAWANT	Joined	15/02/2023, 11:04:43
91	Sakshi hinge	Joined	15/02/2023, 11:04:43
92	Sanket Bhasmare	Joined	15/02/2023, 11:04:44
93	Sanskruti Mane	Joined	15/02/2023, 11:04:44
94	Saurabh Bhamare	Joined	15/02/2023, 11:04:44
95	Saurabh Shinde	Joined	15/02/2023, 11:04:44
96	Shifa Khan	Joined	15/02/2023, 11:04:44
97	Shraddha Zaware	Joined	15/02/2023, 11:04:45
98	Sujeeth Parthasarathi	Joined	15/02/2023, 11:04:45
99	Sujit Babar	Joined	15/02/2023, 11:04:46
100	Tushar Gadkar	Joined	15/02/2023, 11:04:46



Name and Sign of Coordinator: Prof. Ajita A Mahapadi

HoD: Dr.Pankaj Agarkar

HOD
Computer Engineering
Aleenkya DY Patil School of Engineering
Lohegaon, Pune

Computer Engineering Principal

Cohegaon of Pune Bulled A Bull

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

11



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105.

Department of E&TC Engineering

A.Y. 2022-23

Date: 12/07/2022

Notice

All the faculties are hereby informed to attend the departmental meeting in CL-2 Lab on 13th July 2021 at 11.30 AM.

Agenda of meeting:

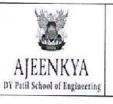
- 1. To discuss Course Outcomes (COs) of the subjects for semester-I,
- 2. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.
- 3. Any other issue.

HoD (E&TC)

H.O.D.

Dept. of E. & T.C. Engineering Or. D.Y. Patil School of Engg., Lohegaon





Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412 105. Department of E&TC Engineering

Minutes of Meeting

Ref. No.: DYPSOE/E&TC-Dept/AY 2022-23

Date of Meeting: 13th July 2022, Time: 11:30 AM

Venue: CL-II Lab (Room No 231)

Agenda of Meeting

1. To discuss the Course Outcomes (COs) of the subjects of the program for semester-I,

2. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

Presided By: Dr.Sharan Inamdar (HoD-E&TC)

Points Discussed

1. The COs, POs, PSOs & PEOs of the program are discussed.

2. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to the students by sharing the same link as per the circular from the principal dated 11/07/2022, as well as by discussing the COs at the beginning of every unit of the subject.

Resolutions

1) It has been decided to communicate COs, POs, PSOs & PEOs of the program to the stakeholders.

Prof. Shital Patil

Prepared By

Following Teaching and non-teaching staff were present for the meeting

Sr. No.	Name of Faculty	Sign
1.	Ds. Soniya Ausun	Baijo_
2.	Prof. Scouti S. Khawate	Shawate

A. Y. 2022-23 (Sem-I)



MoM (13/07/2022)

Principal Ajeenkya DY Patil School of Engineeries, Lohegaon, Pune

Page 1

3.	Dr. S.M. Koli	(A)
4.	Prof. Prajakta khairnar	popus
5.	Mo- Ri L. Keni	Phil
6.	Prof. Shital Patil	(Tug
7.		Batil_
8.	Bod V. Wagade	Angle.
9.	Prof. Kalpita Mane Prof. Sanjana Desaj	more
10.	Prof. kranti kamble	Jem m
11.	Post Sagair Dhairale	Zand ?
12.	,	
13.		
14.	×	
15.		

Dr. Sharan Inamdar HoD-E&TC

H.O.D.

Dept. of E. & T.C. Engineering Dr. D.Y. Patil School of Engg., Lohegaon







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

A.Y.2022-23

Date:-12/07/2022

Notice

All the faculties are hereby informed to attend the departmental meeting in Class Room no.125 on 13th July 2022 at 2.45 PM to discuss the Commencement of teaching for semester - I, Vision & Missions of the departments, Course Outcomes (COs) of the Subjects for Semester - I, Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the department.

Prof. Rohit Garad
HoD (Mech)

Bo) F3

Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune







Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of Engineering Sciences

Form No. IQAC/28

Minutes of Meeting

Ref. No.: ADYPSOE/Mech-Dept./AY 2022-23/Meeting No. 01

Date of Meeting: 13th July 2022, Time: 2:45 PM

Venue: Classroom No .125

Agenda of Meeting

1. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

2. To discuss the Course Outcomes (COs) of the subjects of the program for semester-I.

3. To discuss the commencement of teaching for Semester-I.

4. To discuss vision & missions of the department.

Presided By: Prof. Rohit Garad (HoD-Mech)

Points Discussed

- 1. The COs, POs, PSOs & PEOs of the program are discussed.
- 2. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to the stake holders by sharing the link as per the circular from the principal sir, and discuss about the COs with the students.
- 3. As per the instructions from Principal, HoD has instructed to commence the teaching of semester-1 for A.Y 2022-23 from 18th July 2022.
- 4. The vision and missions of the department are discussed in the meeting.

Resolutions

- 1. As per discussion it has been decided to communicate COs, POs, PSOs & PEOs of the program to the stakeholders.
- 2. It has been decided that all the faculties should work towards the fulfillment of vision & missions of the department.

Prof. Tejaswini Kulkarni

Prepared by

Prof. Rohit Garad

HoD- Mech



Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Principal

Department of Mechanical Engineering

Depa	artmental Meeting	13-07-2022
Sr. No.	Name of the Employee	Sign
1	Prof. Rohit N. Garad	*
2	Dr. Niranjan Shegokar	Dear
3	Dr. Shreepad Sarange	1
4	Dr. Santosh B. Jadhav	
5	Prof. Prashant G. Karajagi	
6	Prof. R. S. Thombare	
7	Prof. Amol B. Gaikwad	
8	Prof. Amol N. Patil	AL
9	Prof. Vikram M. Ghule	
10	Prof. Paresh P. Khairnar	Paul
11	Prof. Umaji N. Kolekar	My.
12	Prof. Sachin S. Jadhav	Soeli
13	Prof. Jagruti C. Nimgulkar	8×
14	Prof. Tejaswini S. Kulkarni	2/2
15	Prof. Kunal S. Marathe	
16	Prof. Dipak D. Shelke	tul.
17	Prof. Amit A. Shinde	A ST
18	Prof. Sandeep Bhaskar	
19	Prof. Sudarshan Martande	,
20	Prof. Manojkumar Ambalagi	
21	Prof. Kundan S. Kolambe	
Гес	nanical Staff	U
1	Atul Pise	Been 20



Principal
Ajdenkya DY Patil School of
Engineering, Lohegaon, Pune



2 Moreshwar Kundap

1	Mahesh Marathe	
2	Bhaskar Ghodekar	



"Empowerment through quality technical education" AJEENKYA D Y PATIL SCHOOL OF ENGINEERING Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105. Department of E&SE Engineering

A.Y. 2022-23

Date: 12/07/2022

Notice

All the faculties are hereby informed to attend the departmental meeting in Physics Lab on 13th July 2022 at 11.30 AM.

Agenda of meeting:

- 1. To discuss Course Outcomes (COs) of the subjects for semester-I,
- To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

3. Any other issue.

Dr. S.M Khairnar

HoD

H.Ô.D

Department of Engineering Sciences(F.E.)

Ajeenkva D Y Patil School of Engineering





"Empowerment through quality technical education"

Dr. D. Y. Patil School of Engineering

Dr. Ajeenkya D Y Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412!

Department of Engineering Sciences

Minutes of Meeting

Ref. No.: DYPSOE/FE/AY 2021-22/Meeting No. 0.1

Date: 13 July 2022,

Time: 1:30 pm

Venue: Physics Lab (Room No 434)

Agenda of Meeting

To discuss the commencement of teaching for Semester-I, AY 2022-23.

To discuss the vision & missions of the department.

3. To discuss the Course Outcomes (COs) of the subjects of the program for Comes erel,

4. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

Presided By: Prof. Dr. S. M. Khairnar (HoD-Engg. Sci.)

Points Discussed

1. As per the instructions of the principal, HoD has instructed to commence the terching from 12 July 2022.

2. The vision and missions of the department are discussed in the meeting, HCD has instructed all the faculties to work towards the fulfillment of vision & missions of the program.

3. The CO3, POs, PSOs & PEOs of the program are discussed.

4. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to the stakeholders by sharing the link as per the circular from the principal dated 11/07/2022, and discuss about the COs with the students.

Resolutions

It has been decided to work on missions to fulfill the vision of the program.

2) It has been decided to communicate COs, POs, PSOs & PEOs of the program to the stakeholders.

Prof. Vikas Mogadpalli

Dept. Coordinator for NAAC CR II

Prof. Dr. S. M. Khairnar

Head, Engg. Sci. Dept.

HOD

Engineering Sciences atil Galast of Engine

Y. 2021-22 (Se



MoM 24/12 Cohegaon, Puna Engineering Sciences

Cohegaon.

incipal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

https://docs.google.com/document/d/19w5wcfKrG9v.17SiXHkOoF6BCRetONAFg/ertit?tili=

Following Teaching and non-teaching staff were present for the meeting

Sr. No.	Name of Faculty	Sign
1.	Dr. Keilas Tehae	Tere
2.	Ms. Punam D. Gawali	Convale
3.	Ms. G. Arya	4
4.	Nikhil Raj Crupta	20
5	Brateeksha Paliwal	Palicia
6. ,	Dr. Arpita Yya	R
7.	Do 5 m Chairman	lane
8.	prof P. R. Nawash	Swall
9.	Prod. M.s. Nehe	rungle.
10.	Akanksha Sohani	4
11.	Ashatosh Patil	AP
12.	Mogadpan; V.P	Vika.
13.	Sanjana Debay	800
14.	Sachio Rohinj	Polij
15.	poondon Musmade	CHA
16.	Teipal R. pandeshi.	Tyradh.

chool o Engineering Sciences Lohegaon, Pos

Dr. S.M. Khairhar

Head, Engg. Sci. Dept.

Dr S. H.O.D

Department of Engineering Sciences(F.E.)

Ajeenkva D Y Patil School of Engineering

A. Y. 2021-22 (Sem-I)

Lohegaon

MoM (24/12/2021)



Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 10

Department of First Year Engineering

A.Y. 2022-23

Date: 9/01/2023

Notice

All the faculties are hereby informed to attend the departmental meeting it. Physics Lab on 13th Jan 2023 at 11,30 AM.

Agenda of meeting:

- 1. To discuss Course Outcomes (COs) of the subjects for semester-I,I
- 2. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program Educational Objectives (PEOs) of the program.

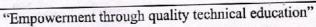
3. Any other issue.

Dr. S.M Khairnar

HoD

Department of Engineering Sciences(F.E.) Ajeenkva D Y Patil School of Engineering Engineering Sciences Sciences





Dr. D. Y. Patil School of Engineering

Dr. Ajeenkya D Y Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 4

Department of Engineering Sciences

Minutes of Meeting

PARIL SHOPP

Ref. No.: DYPSOE/FE/AY 2021-22/Meeting No. 01

Date: 13 Jan 2023

Time: 11:30 am

Venue: Physics Lab (Room No 434)

Agenda of Meeting

To discuss the commencement of teaching for Semester-II, AY 2022-23.

2. To discuss the vision & missions of the department.

3. To discuss the Course Outcomes (COs) of the subjects of the program for Semester-I,

4. To discuss Program Outcomes (POs), Program Specific Outcomes (PSOs), Program E Objectives (PEOs) of the program.

Presided By: Prof. Dr. S. M. Khairnar (HoD-Engg. Sci.)

Points Discussed

1. As per the instructions of the principal, HoD has instructed to commence the teach, from 12 July 2022.

2. The vision and missions of the department are discussed in the meeting. HoD ! instructed all the faculties to work towards the fulfillment of vision & missions of the program

3. The COs, POs, PSOs & PEOs of the program are discussed.

4. It has been instructed to faculties to communicate the COs, POs, PSOs & PEOs to stakeholders by sharing the link as per the circular from the principal dated 05/01/2023, a discuss about the COs with the students.

Resolutions

1) It has been decided to work on missions to fulfill the vision of the program.

Engineerin

hegaon, Pune

2) It has been decided to communicate COs, POs, PSOs & PEOs of the program to stakeholders.

Prof. Vikas Mogadpalli

Dept. Coordinator for NAACER II

Prof. Dr. S. M. Khairnar

Head, Engg. Sci. Dept. HOD

Engineering Sciences
Ajeenkya DY Patil School of Engineering

TIES OF

A.Y. 2021-22 (Sem-I)

MoM (24/12/2021)

Lohegao

Principal

Following Teaching and non-teaching staff were present for the meeting

Sr. No.	Name of Faculty	Sign
1.	Dr. Kailas K. Tehare.	Karler
2.	Mr. Sachin Rohin	Palis,
3.	Sanjana Desaj	80
4.	Mogadpalli V.P	Ving,
5.	25 S. M. Phaimar	long,
6.	G. Anya	At.
7.	poonan Musmade	PRM
8.	Punain D. Ganali	Crand
9.	Tejpay & pasdeshi;	Tyreadshi.
10.	Sonjame Descis	82
11.	Prol. M.S. Nehe	augh
12.	Nikhil Raj Grupto	(W)
13. ,		
14.		
15.		





Head, Engg. Sci. Dept.

H.O.D

Department of Engineering Sciences(F.E.)

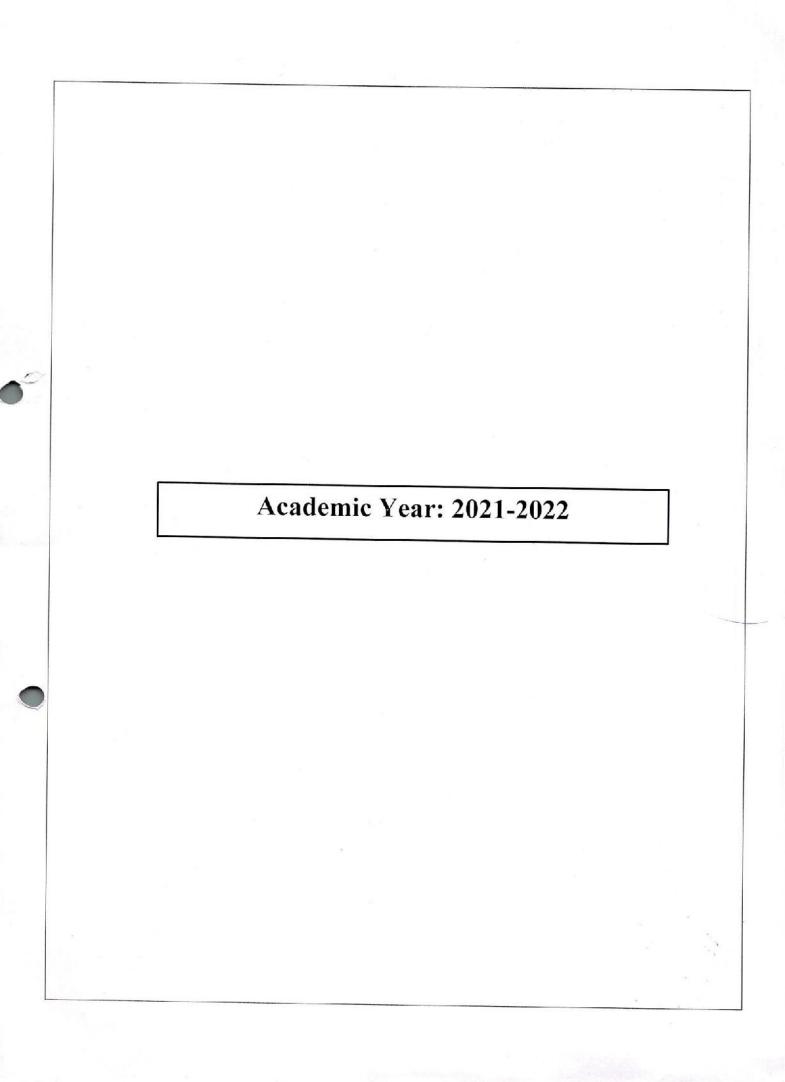
Ajeenkva D Y Patil School of Engineering

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

A.Y. 2021-22 (Sem-I)

MoM (24/12/2021)

Pa





Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.:2021-22

Semester: I

Subject: Computer Networks & Security

Class: T.E

Div: A

Name of Subject Teacher: Prof. Amruta Chitari

CO No.	BT level	Students will be able to
CO-1	2-Understand	Summarize fundamental concepts of computer networks, architectures, protocols and technologies
CO-2	2-Understand	Illustrate the working and functions of data link layer
CO-3	4-Analyze	Analyze the working of different routing protocols and mechanisms
CO-4	3-Apply	Implement client-server applications using sockets
CO-5	2-Understand	Illustrate role of application layer with its protocols, Client-Server architectures
CO-6	2-Understand	Comprehend the basics of information security



Prof. Amruta Chitari Subject Teacher

Aleho



Dr. Pankaj Agarkar HoD

read of the Department repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Application Charliel Rk. Pune Application



Academic Year: 21-22

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: I

Subject: Computer Networks & Security

Class: TE

Div: A

Name of Subject Teacher: Prof. Amruta Chitari

A Company of the Comp				Ti ditti C												
PO CO	BT LEVEL	PO1	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	2- Understand	1		1	2	3	1		1			1	1	1		
CO-2	2- Understand		1.		1	1		1.			1			1,		
CO-3	2- Understand	3		2	1	2							1	1	1	
CO-4	4-Analyze		2	1	2	1							1	1	1	
CO-5	2- Understand	1	3			1		1	1					1	2	
CO-6	2- Understand	1		2	1		1			1		1	1	1		
Average		1.50	2.00	1.50	1.40	1.60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.33	
Rounde d off		2	2	2	2	2	1	1	1	1	1	1	1	1	2	

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Prof. Amruta Chitari Subject Teacher

COMPUTER DEPARTMENT)

Dr. Pankaj Agarkar

HoD

Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

136

Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1	Slightly having the Knowledge of the fundamental concepts of computer networks and its application that helps in solving complex engineering problems
	PO3	1	Slightly the student using the knowledge of computer architecture concepts, we can design and develop solutions for complex engineering problems
	PO4	2	Moderately having Knowledge of Computer network technologies can be used to conduct experiments in real life problems to provide valid conclusions
	PO5	3	Strongly having the Knowledge of the fundamental concepts of Data Structures and its application that helps in solving complex engineering problems
CO-1	PO6	1	Slightly mapped as the students, can use different moderm tools to modeling to complex engineering activities with an understanding of the limitations.
	PO8	1	Slightly the students, can understand the ethical principals of the using computer network devices in the engineering practice
	. PO11	1	Slight knowledge & understanding of the protocol can be applied in multidisciplinary environment .
	PO12	1	Slightly having the understanding for the need of CN and have the preparation and ability to life-long learning in the broadest context of technological change
	PSO1	1	Slightly the student will study of fundamental concepts of OSI layer to analyse and develop algorithms and implement them using high-level programming languages.
	PO1	3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture, IP & routing algorithm
	PO2 .	1	Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problem & solution to it
	PO3	2	Moderately having Knowledge of routimg algorithm can be used to conduct experiments in real life problems to provide valid conclusions
	PO4	1	Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions
	PO5	1	Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations.
	PO7		Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context.

137

1 1 3 3 2 1 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1	Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problems & solution to it Moderately having Knowledge of routimg algorithm can be used to conduct experiments in real life problems to provide valid conclusions Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
2 1 3 2 4 1 1 1 1 1 1 1 1	router architecture, IP & routing algorithm Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problems & solution to it Moderately having Knowledge of routing algorithm can be used to conduct experiments in real life problems to provide valid conclusions Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
2 1 1 1 1 1 1 1	& solution to it Moderately having Knowledge of routing algorithm can be used to conduct experiments in real life problems to provide valid conclusions Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer, flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
1 1 1 1 1 1	provide valid conclusions Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
1 1 1 1	problems to provide valid conclusions Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer, flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
, 1 0 1 1 1	engineering activities with an understanding of the limitations. Slightly the student can understand the use of MAC sublayer, flow control & error control in the societal and environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
0 1	environment context. Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
1 1	knowledge of Computer network data link layer Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
	design of computer-based systems of varying.
. 3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture, IP & routing algorithm
2	Moderately having Knowledge of routimg algorithm can be used to conduct experiments in real life problems to provide valid conclusions
. 1	Slightly having Knowledge students can apply the concept of IP and routing algorithm in networking applications.
2	Slightly the students will study different tools used for routing to complex engineering activities can be used to conduct experiments in real life problems to provide valid conclusions
2 1	Slightly the student will become aware of the need for subnetting and the continued upgrading of technical knowledge of IP addressing
1 1	Slightly the student will have ability to understand, analyze and develop subnetting in the area of computer network for efficient design of computer-based systems of varying.
2 1	Slightly student Knowledge of routing concepts contribute skills (20 hpo ing and knowledge engineering domain
3	Strongly having the Knowledge of the fundamental concepts of transport layer services that helps in solving complex engineering problems.
1	1 2 1 1 2 1

	РО3	1	Slightly the ordent having the Knowledge of client-server care sign , develop, implement solutions for complex engineering problems.
	PO4	2	Moderately the knowledge of various tool of client -server architecture will help student to design and conduct - experiments to provide valid conclusions
CO-5	PO5	1	Slightly the students will study different tools used to implement Client Server application using socket
	PO12	1	Moderately the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge in socket programming
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of TCP in the area of computer network for efficient design .
	PSO2	1	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering domain of services of TCP & UDP in networking protocols.
	PO1	1	Slightly mapped as students will be able to understand the principles of the application layer protocol HTTP,FTP,SMTP & DNS
	PO2	3	Strongly mapped as students will be able identify working principles of application layer protocols HTTP, FTP,
	PO5	1	Slightly the students will study different tools used to in application layer
	PO7	1	Slightly the student can understand the use of application layer tool in the societal and environment context.
ÇO-6	PO8	1	Slightly the students will apply secure application protocol to ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of Application layer in the area of computer network for efficient design .
	PSO2	2	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering ,principles of application layer protocols fro developing networking applications.

Prof. Amruta Chitari Subject Teacher





Dr. Pankaj Agarkar HoD

Pr. D. Y. Patil Technical Campus

Ala Lonegaon Charholi Bk. Pune 412105



Subject: Computer Networks & Security

Empowerment Through Quality Technical Educat Dr. D. Y. Parili School of Engineering Dr. D. V. Parili School objective Cholodi (Ids., Edospon, Fine. 412.165 World: https://dopcom. Department of Computer Engineering

CO-PO-PSO Attainment Academic Year: 2021-22

Ferm No. IQAC/36

ame of S	Subject FeachersProf. Amruta Chitari																211			asy.	li di della di di	egyethaus)	100				and the same of th	July 2		100	Carlo III					Class	e TE	Diva	A	
		Element Taxonomy		Pires	t Assesme	mt (later	nati (Jars.			Universi	(Externa ty Exams		Direct Assessment (DA)		t Assessment (IDA)	CO Artainmen																								
		- 22	Unit Te	1		(20%		CA 0%)		(Hesuli		0R/T/V (#%)	Mapping of (20% Internal	0881	111100-50																									
O No.	Statement of COs		Semil other Tool	171	172	Mapping	ev.	Mapping	% result of Sub.	Mapping	% Result of PR/ OR/ TW	Mapping	Continues		Mapping	Weightage (80% DA+ 20% IDA)		Artain pa	O) Attal	Pr	O3 Attain ment	PO	Affair Pr	S Attain	POC n	Mics PO	2 Artain ment	POS At	ent PO	Arrain	PGGB AI	tcalo p	Oti An	rain PC	/12 Areal	PSO:	Attain ment	PSON Actor		3 Areal
CO-1	Summarize fundamental concepts of computer networks, architectures, protocols and fechnologies	2-Understand	97.73			3.0	81.36	3	100.00	3.0	99.43	3.0	3.00	100.00	3.0	3.00	1	1			1 1	2	2 3	3		1		1	1				1		1	1	1			
CO-2	Illustrate the working and functions of data link inver	2-Understand		98.84		3.0	81.36	3	100.00	3,0	99.43	3.0	3.0	100,00	3.0	3.00			1 1			1	1 1	1		1	1				1	1				1	1			
CO-3	Analyze the working of different routing protocols and mechanisms	4-Analyze		98.84		3.0	81.36	3	100.60	3.0	99.43	3.0	3.0	92.59	3,0	3.00	3.	3			2 2	ı	1 2	2											1	1	1.	1 1		
00-4	Implement elient-server applications using sockers	3-Apply			unn	3.0	81.36	3.	100:00	3.0	99.43	3.0	3,0	92.13	3.0	3.00			2 2		1 1	2	2 1	1										,	1 1	1	1	1 1		
CO-5	Ulustrate role of application layer with its protocols, Client-Server architectures	2-Understand			unen	3.0	81.36	3	100 00	3,0	99 43	3.0	3.0	92.59	3.0	3.00	ı	1	3 3				1	1		1	ı	1	1							1	1	2 2		
CO-6	Comprehend the basics of information security	2-Understand			ween	. 3.0	81.36	3	100.00	3.0	99.43	3.0	3.0	90.28	3.0	3.00	1,	1		1	2 2	1	1		L:	1			1	1			1	. ,	1	1	1			
	Mapping Criterias>	-			Mar	ks >=60): Level	3	Marks>	=50: Le	vel 2	Ma	urks >=40: Lev	el I			Attainm of PC	nent A	Avg. tto nment	I A	Avg. ttainment of PO-3	Avg Attains	ment Att	Avg. tainment	Avg. Attainm of PO	ent Att	Avg minment PO-7	Avg. Attainment	ent Att	Avg.	Avg. Attainm of PO-	ent A	Avg.	nt A	Avg. Itainmen	t Atta		Avg. Attainmen	nt Atta	Avg. imment I/SO-3
																1	1.30		2.00		1.50	1.4		1.60	1,00		1.00	1.00		1.00	1.00		1.00		1.00		1.00	of PSO-2		20-3





nead of the Department repartment of Computer Engineering Dr D Y Patil School of Engineering Paul Technical Campus Ab Longuage ... Harnor 45 June 412105



Par 21-22 Sem II



Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

D. Y. Patil Knowledge City, Lohegaon, Pune – 412 105 Dr. Charholi (Bk), Website: https://dypsoe.in/

Department of Mechanical Engineering

Course Outcomes (COs):

Form No. IQAC/36
Semester: 2

Academic Year.: 2021-22

Subject: Kinematics of Machinery

Class: SE

Div: B

Name of Subject Teacher: Mr. P. G. Karajagi

CO No.	BT level	Students will be able to
CO-1	3-Apply	Student will be able to apply kinematic analysis to simple mechanisms
CO-2	4-Analyze	Student will be able to analyze velocity and acceleration in mechanisms by Analytical method
CO-3	3-Apply	Student will be able to analyze velocity and acceleration in mechanisms by vector and graphical method
CO-4	3-Apply	The student will be able to synthesize a four bar mechanism with analytical and graphical methods
CO-5	6-Create	Student will be able to apply fundamentals of gear theory as a prerequisite for gear design
CO-6	6-Create	Student will be able to construct cam profile for given follower motion

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. Prashant Karajagi



Prof. R. N. Garad HOD



Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Mechanical Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2021-22

Semester: II

Subject: Kinematics of Machinery

Class: SE Div: B

Name of Subject Teacher: Prof. P. G. Karajagi

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO
CO-1	3-Apply	3		3	2									2	1884	
CO-2	4-Analyze	3	3	2	2										2	
CO-3	3-Apply	3	2		2							17 (5 th			2	
CO-4	3-Apply	3		2	3									1		
CO-5	6-Create	3		3								12			2	
CO-6	6-Create	3	3.	3											2	
Average		3,00	2.50	2.50	2.25	-			-	1			1	1.50	2.00	
Rounded off		3	3	3	. 3					/				2	2	

Prof. Prashant Karajagi

Prof. R. N. Garad HOD





Justification for CO-PO Mapping.

CO No.	PO/PSO	Level	Justification of Mapping
	PO1	3	Strongly students having the knowledge of kinematics and mechanisms
CO-1	PO3	3	Strongly students can provide the mechanisms for problems.
CO-1	PO4	2	Moderately students will apply the concept of DOF to real life applications.
	PSO1	2	Moderately student will understand the mechanisms used in automobile field.
	PO1	3	Strongly students having the knowledge of kinematics and analytical methods.
	PO2	3	Strongly students will analyze the IC engine mechanism.
CO-2	PO3	2	Moderately students will design the mechanisms for applications.
	PO4	2	Moderately the student will analyze real life mechanisms.
	PSO2	2	Moderately the student will understand the application in automobile field.
	PO1	3	Strongly students having the knowledge of kinematics and mechanisms
CO-3	PO2		Strongly students can solve the problems using graphical method.
CU-3	PO4	2	Moderately students will solve the mechanisms with coriolis components.
	PSO2	2	Moderately student will understand the mechanisms used in automobile field.
	PO1	3	Strongly students having the knowledge of synthesis of four bar mechanisms.
CO-4	PO3	2	Moderately the student will design the mechanisms for different input and output motions.
	PO4	3	Strongly students will synthesize the mechanisms for applications.
	PSO1	1	Slightly the student will provide the design for real life problems.
	PO1	3	Strongly students having the knowledge of gear and gear kinematics.
CO-5	PO3		Strongly students will provide the gear design for various input and output speed conditions.
	PSO1		Moderately students will understand the gear drives used in automobile industry.
	PO1 '		Strongly students having the knowledge of cam profile generation.
CO-6	PO2		Strongly students will analyze the cam profile for various motion conditions.
CO-6	PO3		Strongly students will design the cam for applications.
	PSO2	2	Moderately students will understand the use of cam shaft in automobile industry.

Prof. Prashant Karajagi

Prof. R. N. Garad HOD







Academic Year: 2021-22

Subject: Kinematics of Machinery

Name of Subject Teacher: Prof. P. G. Karajagi

CO No.	Statement of COs	Blooms Taxonomy	Direct Assesment (Internal) (30%)					Direct Assesment (External) (70%) University Exams				Direct Assessment (DA)	Indirect Assessment		co
			Unit Test (20%)			CA (10%)		Subject Result (60%)		PR/OR/TW (10%)		Mapping of (20%	(IDA)		Attainment
			UT1	UT 2	Mapping	CA	Mapping	% result of Sub.	Mapping	% Result of PR / OR / TW	Mapping	Internal tests+10% Continous	Course Exit Survey	Mapping	Weightage (80% DA+ 20% IDA)
CO-1	Student will be able to apply kinematic analysis to simple mechanisms	3-Apply	64.29		3.0	81.81	3	94.16	3.0	100.00	3.0	3.00	85,96	3.0	3.00
SHILL BY BY PAY BRIDER	Student will be able to analyze velocity and acceleration in mechanisms by Analytical method	4-Analyze	81.82		3.0	81.81	3	94,16	3.0	100.00	3.0	3.0	92.98	3.0	3.00
CO-3	Student will be able to analyze velocity and acceleration in mechanisms by vector and graphical method	3-Apply	71.43		3.0	81.81	3	94.16	3.0	100.00	3.0	3.0	87.72	3.0	3.00
- Ç0-4	The student will be able to synthesize a four bar mechanism with analytical and graphical methods	3-Apply		100.00	3.0	81.81	3	94.16	3.0	100.00	3.0	3.0	87,72	3.0	3.00
	Student will be able to apply fundamentals of gear theory as a prerequisite for gear design	6-Create		78.57	3.0	81.81	3	94.16	3.0	100.00	3.0	3.0	92.98	3,0	3.00
PROBLEM SECTION AND ADDRESS.	Student will be able to construct cam profile for given follower motion	0		78.57	3.0									67.1	

Mapping Criterias ->

Marks >=60: Level 3

Marks >=50: Level 2

Marks >=40: Level 1

School of the

Prof. Prashant Karajagi



Prof. R. N. Garad HOD

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Mechanical Engineering

CO-PO-PSO Attainment

Form No. IQAC/36

Semester: 2

				l a					100000									Bertine State				1	Torses	Class:	SE		Div: B		
PO1	Attain ment	PO2	Attain ment	PO3	Attain ment	P()4	Attain ment		Attain ment	P06	Attai ument	P07	Attain ment	PO8	Attain ment	PO9	Attain ment	POIS	Attain ment	POH	Attain ment	PO12	Attain ment	PSO1	Attain ment	PSO2	Attain ment	PS03	Attain ment
3	3					2	25								With the second							313 313 313 313 413 413 413 413 413 413		2	2				
3		2	22.20			2	2																			2	2		
	3			24	3																				1	2	2		
Attai of	vg. nment PO-1	Ave for			g. Nent	Attair of I	ment	Av Attain of Po	ment	Av Attain of Po	ment .	· Av Attair of P	ment	Av Attair of P	ment	Attair	/g. nment PO-9	Av Attain of Po	ment	Av Attair of P	ment		tainment O-12	Attai of P	vg. nment SO-1	Attair of P	ment	Av Attain of P	ment
		T	1 Joan	ion of		Prof. P	rashan	CS t Karaja	gi						Prof. R. HOD	N. Ga	rad		Aje Eng	enky? ineer	Print a DY i ing, L	ripal Patil S oheg	Schoo aon, F		A × Lones	CHAS.	Mechania	11500	and of En



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: www.dypic.in Contact No.:020-6707 7926

Department of Machanical Engineering

Course Outcomes (COs): Form No. IQAC/36

Academic Year.: 2021-22 Semester: II

Subject: Manufacturing Processes Class: SE Div: A

Name of Subject Teacher: Tejaswini Kulkarni

CO No.	BT level	Students will be able to			. 9.	
CO-1	2-Understand	SELECT appropriate moulding, core making and melting practice and estimate pouring time, solidification rate and DESIGN riser size and location for sand casting process				
CO-2	2-Understand	UNDERSTAND mechanism of metal forming techniques and CALCULATE load required for flat rolling				
CO-3	3- Apply	DEMONSTRATE press working operations and APPLY the basic principles to DESIGN dies and tools for forming and shearing operations	2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CO-4	4-Analyze	CLASSIFY and EXPLAIN different welding processes and EVALUATE welding characteristics	- 3			
CO-5	3- Apply	DIFFERENTIATE thermoplastics and thermosetting and EXPLAIN polymer processing techniques			y a self o	
CO-6	2-Understand	UNDERSTAND the principle of manufacturing of fibre-reinforce composites and metal matrix composites		7		

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion

of Unit"

Mech. Engg. m Department

The

*



Academic Year::2021-22

Empowerment Through Quality Technical Education

D. Y. Patil School of Engineering

D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Mechanical Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Subject:Manufacturing Processes

Class: SE - Div:A

Semester: II

Name of Subject Teacher: Prof. T.S.Kulkarni

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	4- Analyze	3	3,				2						1	1		1.
CO-2	2- Understand	3	3	2				1					1	1		2 .
CO-3	2- Understand	2	1	1	2								2	1		2
CO-4	3- Apply	2	· 2.				2		• • •	in .			2	2	3	2 .
°CO-5	2- Understand	3	2									1	1	1	1	
CO-6	3- Apply	2						3					2	2		-
Average		2.50	2.20	1.50	2.00	-	2.00	2.00	-	-	2	1.00	1.50	1.33	1.00	1.75
Rounded off		3	3	2	2		2	2				1	2	2	1	2

(Strength of Correlation): 3-Strong, 2-Mediano, Weak, Keep Blank-if No Corellation



Justification for C	O-PO	Map	ping.
---------------------	------	-----	-------

CO No.	PO/PSO	Level	cation of Mapping
	P01	3	Strongly students will apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
	PO2	3 5	Strongly the student will identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
	PO6 .	2 .	Moderately the student will apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
CO-1	PO11	1	Slightly the student will demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
×	PO12	1	Slightly the student will recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
	PSO1	1	Slightly the student will have competencies in usuage of modern tools to optimally design, develop and manufacture product and process
	PSO3	1	Slightly the student will develop industry oriented attributes through effective training and continous monitoring
	· PO1	3	Strongly students will apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
	PO2	3	Strongly the student will identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering
CO-2	PO3	2	Moderately students will design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
	PO7	1	Slightly the students will understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
-	PO12	1	Slightlythe student will recognize the need for, and have the preparation and ability to engage in independent and
Sch Ja	PSO1	1	Slightly the student will have competencies in usuals of modern tools to optimally design, develop and

8 fews

	PSO3	2	Moderately develop industry oriented attributes through effective training and continous monitoring
	PO1	2	Moderately students will apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
	PO2	1	Slightly the student will identity, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering
CO-3	PO3	1	Slightly students will design solutions for complex engineering problems and design system components or
	PO4	2	Moderately the student will use research-based knowledge and research methods including design of experiments,
	PO12	2	Moderately the student will recognize the need for, and have the preparation and ability to engage in independent
Lviv Tej	PSO1	1	Slightly the student will have competencies in usuage of modern tools to optimally design, develop and
	PSO3	2	Moderately the student will develop industry oriented attributes through effective training and continous
	- PO1 -r1	2	Moderately students will apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
CO-4	PO2	2	Moderately the student will identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
CO-1	PO6	2	Moderately the student will apply reasoning informed by the contextual knowledge to assess societal, health,
	PO12	. 2	Moderately the student will recognize the need for, and have the preparation and ability to engage in independent
	PSO1	2	Moderately students have competencies in usuage of modern tools to optimally design, develop and manufacture
	PSO3	2	Moderately develop industry oriented attributes through effective training and continous monitoring
	PO1	. 2	Moderately students will apply the knowledge of mathematics, science, engineering fundamentals, and an
	PO2	2	Moderately studnts will identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering
CO-5	PO11	1	Slightly students will demonstrate knowledge and understanding of the engineering and management principles
	PO12	1	Slightly the student will recognize the need for, and have the preparation and ability to engage in independent and
	PSO1	1	Slightly the student will have competencies in usuage of modern tools to optimally design, develop and
	PSO2	1	Slightly the student will have incremental skills to enhance employability in the automotive and thermal
	PO1	. 2	Moderately students will apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
CO-6	PO7	3	Strongly the student will understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
10.7	PO12	- 2	Moderately the student will recognize the need for, and have the preparation and ability to engage in independent
	PSO1	2	Moderately the student will have competencies in usuage of modern tools to optimally design, develop and manufacture product and process



Lone gaonolo

Ajeenkya DY Patil School of Engineering, Lehegaon, Pune



Dr. D. Y. Paul Technical Compos Dr. D. Y. Patil School of Engineering Dr. D. D. Y. Patil Sockologic City. Cherbol (Bib), Lobegon, Fuor. 421 109 Website: www.dpicia. Context No.0304/070 7996 Department of Mechanical Engineering

CO-PO-PSO Attainment

Academic Year: 2021-22

		Biooms	Di	leert As	seament (laternal)	(30%)	Dir		nent (Est ersity Es	ernal) (70° anis	Direct Assessment (DA		(Assessment																							18	Class: Si			hv. A	14
		Tayonemy		Unit T			CA (10%)		(set4)	de I	(10%)	Mapping of		(IDA)	Attalismen	_																										
CO No.	Statement of COs		un	UT 2	Mapple	e CA	Марр	ing rese		Res of P OI	R/ Maps	(20% Internal tests+10% Continues Assessment +60% Univ- result(TR)+10% Univ oral result		Mapping	Weightage (89% DA+ 20% IDA)	1,898	Attain ment	P02	Attain ment	POS	Arrain ment	PG4 Artime	in POS	Attain nsent	P06	Attal	-O7 Am	uiin ut	Attale ment	POP	Artain ment	POIG	Atrain ment	POIL	Attale ment	POR2	Actain prent	rso:	Artuin ment	PSO2 A	ttalin bent	P>03
CO-1	SELECT appropriate moulding, core making and melting practice and estimate pouring time, solidification rule and DESIGN riser size and location for sand casting process	2-Understand	9497		3.0	[00.0	, ,	94.1	6 3.0	100	00 3.4	3.00	0.001	6.0	240	3	24	3	2.4	0	o l	• (6	•	2	1.6	0		0	a	0	0	0	1	0.80	1	9.80	1	0.80	0 (0.00	1
CO-2	UNDERSTAND mechanism of metal forming techniques and CALCULATE load required for flat rolling	2-Understand	9697		3.0	100,00	3	94.1	6 .40	100	90 3.0	3.0	0.00	0.0	240	3	2,4	3	2.4	2	1.6	• 0	0	D	o l	0	1 0	3 0	6	o	0	0	0	0	000	1	0.80	ı	0.89	9	0 00)	2
CO3 .	DEMONSTRATE press working operations and APPLY the basic principles to DESIGN dies and tools for forming and shearing operations	3- Apply	96,97		3.0	100.00	,	94.1	6 3.0	100	90 3.6	3.0	0.00		240	2	1.6	1	8,0	ı	0.8	2 L	0	0	Ď.	0		0 0	0	0	9	0	g	0	0 00	2	1.60	1	0.59	4	0 00	2
	CLASSIFY and EXPLAIN different welding processes and EVALUATE welding	4-Analyze		90.91	3.0	100.00	3	941	6 3.4	100	00 3.0	3.0	0.00	••	2.40	2	1.5	2	1.6	0			0	٥	2	1.6	a 1	, 0	0	0	0	0	a	9	0 60	2	1.60	2	1.50	9	0 00	2
CO-5	DIFFERENTIATE thermoplastics and thermosetting and EXPLAIN polymer processing techniques	3- Apply		90,51	3.0	100.00	,	941	5 3.0	100	00 3.6	3.9	0.00	•	2.40	2	14	2	1.6	0	0	• 0	0	v	a	0	0 (0	0	o	0		1	0.87	1	0.80	2	1.50	2	1.60	•
CO-6	UNDERSTAND the principle of manufacturing of libre-reinforce composites and metal	2-Understand		98.48	1.0	190,00	,	94.1	6 3.0	100,	00 3,6	3.0	t.re	4.0	2.40	2	16	٥	a	0	•	0 0	0	0	,	•	3 2	4 C	a	0	0	D	0	0	0.00	2	1.60	2	1.60	9	0.00	
	Mapping Criterias →			N	darks >	=60: L	rvel 3	M	larks >=	50: Le	el 2	Marks >=40	: Level I	Tanasa s		Attair of I		Avg. An		Anning of Po	murt	Avg Atlanaen of PO-4		Tainment NO-5	Ang. Allaine of PO	ent .	Avg. Attainment of PO-7	t Ab	Avg. ainment PO-8	An Attair of P	ment /	Avg. Attai	inment	Ny Alia of PO	inment /	Avg. Atta	amont	Avg Attains of PSI	men:	wg Attair of PSO		Avg. Ana







Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.: 2021-22

Semester: II

Subject: Data Science and Big Data Analytics

Class: T.E

Div: A

Name of Subject Teacher: Prof. Amruta Chitari

CO No.	BT level	Students will be able to
CO-1	1-Remember	Analyze needs and challenges for Data Science Big Data Analytics
CO-2	2-Understand	Apply statistics for Big Data Analytics
CC-3	4-Analyze	Apply the lifecycle of Big Data analytics to real world problems
CO-4	3-Apply	Implement Big Data Analytics using Python programming
CO-5	4-Analyze	Implement data visualization using visualization tools in Python programming
CO-6	3-Apply	To apply clustering algorithms and identify its applicability in real life problems

Prof. Amruta Chitari Subject Teacher

SCHOOL OF

Dr. Pankaj Agarkar

Principal Ajeenkya DY Patil School of nead of the Departmetingineering, Lohegaon, Pune

repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr D Y Patil Technical Campus Ala Lohedaon Charholi Bk Pune 412105



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 21-22

Subject: Data Science and Big Data Analytics

Name of Subject Teachers Duck Amounts Chitani

Semester: II

Class: TE

Div: A

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	POTO	POLL	PO12	PSO1	PSO2	PSO3
CO-1	1- Remember	1	3	2	1					1			1	2		
CO-2	2- Understand	1	2	1	2		1			1			1	1		
CO-3	4-Analyze	2	1	2	1		1			1			1	1		1
CO-4	3-Apply	1	2	2	2	2				1			1	1	2	1
CO-5	4-Analyze	1	2	2	1	2				1			-1	1	2	1
CO-6	3-Apply	1	2	1	2	2		7 7674		1			1	2	2	1
Average		1.17	2.00	1.67	1.50	2.00	1.00	_		1.00	-		1.00	1.33	2.00	1.00
Rounded off		2	2	2	2	2	1			1			1	2	2	1

(Dulm) Prof. Amruta Chitari Subject Teacher

O COME COME COMPUTER DEPARTMENT

Dr. Pankaj Agarkar

nead of the Department

Principal repartment of Computer Engineering Ajeenkya DY Patil School of Or. D. Y. Patil School of EngineeringEngineering, Lohegaon, Pune

Dr. D. Y Patil Technical Campus Ala Lonegaon Charnoll Bk Pune 412105 Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1	Slightly having the basic knowledge of the fundamental concepts to analyze needs and challenges for data Science the helps in solving complex engineering problems
	PO2	3	Strongly students will be able to analyse various challenges to identify concepts to solve.
COL	PO3	2	Moderatly students will be able to design solutions for various need & Challenges of Big Data
CO-1 -	PO4	1	Slightly the student will be able to conduct various experiments using various techniques of Data Science for conclusion
	PO9	1	Slightly the student will be able to analyse, discuss need & Challenges of Big Data and formulate models in groups
	PSO1	2	Weakly students learns various approaches and acquire skills to design, analyse and develop algorithms and implement them
	PO1	1 •	Slightly students will be able to apply the knowledge of baisc mathematics into statistics for Big Data Analytics for solving engineeing problem
	PO2	1	Slightly students will be able to analyse problems to identify statistics
	PO3	1	Slightly the students will know Principles of mathematics and engineering sciences are used in various aspects of Big Data Analytics
CO-2	PO4	1	Slightly the student using the knowledge of linear Data Structures concepts, we can design and develop solutions for complex engineering problems
CO-2	PO5	1	Slightly having knowledge of big data analytics can be used to conduct experiments in real life problems to provide valid conclusions
	PO7	1	Slightly the student can understand the impact of Big data analytics in the societal and environment context.
	PO10	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Big Data Analytics
	PSO1	1	Slightly the student will study of fundamental concepts of Big Data Anyatics to analyse and implement them efficient design of computer-based systems of varying.
	PO1	. 3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of lifecycle of Big Data Analytics
	PO2		Slightly students will be able to apply lifecycle of the Data analytics to real world problems



P

•	PO3	2	Moderately having Knowledge of lifecycle of big data analytics can be used to conduct experiments in real life problems to provide valid conclusions
CO-3	PO4	1	Slightly having Knowledge of lifecycle of big data analytics can be used to conduct experiments in real life problems to provide valid conclusions
	PO5	2	Slightly the students will study different tools used for prediction and modeling to complex engineering activities can be used to conduct experiments in real life problems to provide valid conclusions
	PO12	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of big data Analytics
	PSO1	1	Slightly the student will have ability to understand, analyze and develop computer programs in the areas big data analytics for efficient design of computer-based systems of varying.
	PO1	3	Strongly having the Knowledge of the fundamental concepts of python that helps in solving complex engineering problems.
	PO2	1	Slightly the student will know the principles of mathematics and engineering sciences used in various aspects of big Data analytics implementation
	РО3	2	Moderately the student having the Knowledge of Python can design , develop, implement solutions for complex engineering problems.
	PO4	1	Weakly the knowledge of various tool of python programming will help student to design and conduct experiments to provide valid conclusions
CO-4	PO5	2	Moderately the students will study different tools used to implement big data analytics
0-4	PO9	1	Weakly Expertise developed, which will enable the student to become a productive member of a design team
	PO11	1	Slight knowledge & understanding of the python programming to can be applied in multidisciplinary environment
	PO12	1	Moderately the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge
	PSO1	1	Moderately Study of regression model working acquire skills to design, analyse and develop algorithms and implement them using openCV
	PSO2	2	Moderately Identification of big data analytics area contribute skills in computing and knowledge engineering domain
	PO1	1	Slightly having the Knowledge of the fundamental data visualization that helps in solving complex engineering problems
	PO2	3	Strongly the student will know the principles of mathematics and engineering sciences used in various aspects of data visualization
	PO5	1	Slightly the students having the knowledge about data visualization techniques, resources, data visualization tools to analyze complex engineering activities with an understanding of the limitations.
CO-5	PO7	. 1	Slightly the student can understand the use of data visualization to all in the societal and environment context.



-			
	PO8	1	Slightly the students will apply data visualization techniques to ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
	PSO1	1	Weakly students learns various approaches and acquire skills to design, analyse and implement data visualization too
	PSO2	2	Moderately student Knowledge of data visualization concepts contribute skills in computing and knowledge engineering domain
	PO1	1	Strongly student will be able to compare study of different feature selection techniques that helps in involves solving complex engineering problems
	PO3	2	Moderately having Knowledge of big database & hadoop can be used to conduct experiments in real life problems to provide valid conclusions
	PO4	1	Knowledge can be used to design & conduct experiment to provide conclusion.
CO-6	PO6	1	Slightly student Hadoop ecosysstem knowledge can be used to find solutions to common social problems
	PO12	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge
	PSO1	2	Moderately having knowledge about design & implementation of Big Databases will help to acquire skills to design, analyse and develop algorithms and implement them using Hadoop ecosystem
	PSO2	2	Moderately having knowledge of Hadoop can contribute skills in computing and knowledge engineering domain

Prof. Amruta Chitari Subject Teacher



Dr. P.M Agarkar HoD

repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Jia Lohegaon Charholi Bk. Pune. 412105





procurent Phrouch Quarter Technical Educ Dr. D. V. Paril School of Engineering Dr. D. V. Paril School of Engineering Dr. D. V. Paril School page 422-105 White Paris Hoppierin Department of Computer Engineering

Academic Vent 2021-22

CO-PO-PSO Attainment

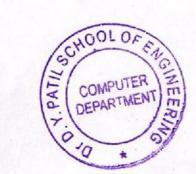
Subject: Data Science and Hig Data Analytics Name of Subject Tracher: Perf. America Chitari

		Birme		Dire	net Assersa	went (Int	ternal) (30%		Dire		nt (Estre	mily (70%)	Disect Assessment (D.)	Indirec	Assessment	co																			Class: H:	Dev	T
		1.10.00.00	Unit	Test		(59	%)		CA (014)		jest Result poots;		10%)	Mapping of Girs	100	(DA)	Attainen																				100	
CO No.	Matement of COs		Sometical (c.Test		ı tr	T2 Ma	••••	CA	Mappin		Mappie	Result of PR OR/ TW		Internal Int	Course Esit	Magaing	Weightige (80% DA+ 20% BA)	жн	Attain Ascent	PO7 An		Affain mode		Main Pro	Affai form		uts) mem from	Allahi mend	POS Artain	n pos Asi	iala eac	Altain ment	POIL AN	dir et	Attain ment	PSOI And	19602 Alto	
	Analyse needs and challenges for Data Science Big Data Analytics	†-Kensenfer	98.82				3,0	74.29	.3	86.4	3,0	92.09	3.0	3.00	92.02	3.0	3.00	1	1	3 1	2	2	1	1						1	1			1		2 2		
002	Apply statistics for Hig Data Analytics	2.Vinkmand		100.0	00		3.0	74.29	3	86,44	3.0	92.09	3.0	3.0	95.77	3.0	3.00	1	1	2 7		1	2	2		1	1			1				1		1 1		
603	Apply the lifecycle of Big Data analytics to real world problems	+/wwhat		100,6	00		3.0	74.29	3	86,44	3,0	92.00	3,0	3.0	94.84	3.0	3.00	2	2	, ,	2	2	,	, 6		i	1			1				1		1 1		1
	Implement Big Data Analytics using Python programming	3-Apply			94.5	51	3.0	74.29	3	86.44	3.0	92.09	3.0	3.0	86.38	3,0	3,00	1	1	2 2	1.	2	2	2 2	2					1	i			ī	ī	5 1	2 7	
	Implement data visualization using visualization tools in Python programming	4 Analyza			94.5	51 3	3.0	74.29	3	86,44	3.0	92.09	3.0	3.0	90.61	3.0	3.00	1	,	2 2	2	2	1	1 2	2					1				1		1 1	2 7	1
	To apply charlering algorithms and kiestify its applicability in real life problems	3-Apply			94.5	51 3	3.0	74.29	3	86.44	3.0	92,00	3,0	3.0	92.49	3.0	3.00		1	2 2	,		2	2 2	2									1	1	2 2	2 2	
	Mapping Criterias>				Mar	rks :—6	io Lev		м	arks >=	50: Lev	ol 2	Mars	ks >=40: Level				Ava Attains of Pi	ment D-1	Avg. Attainment of PO-2	AB	Avg. miniment PO-3	Avg. Attaining of PO	ent Att	Avg. ainment PO-5	Avg. Attained of PO	ent Ans		Avg. Attaigment of PO-8	Avg. Atteinment of PO-	ant An	Avg. einment PO-10	Avg. Attainmen	4 Atta		Avg. Attainment of PSO-I	Avg Attainme of PSO- 2.00	

mead of the Department

epartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y Patil Technical Campus As Lonegaon Chamoli Bk Pune 412105







Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department of First Year Engineering

Course Outcomes (COs):

Form No. IQAC/36

Semester: II

Academic Year.: 2021-22

Subject: Engineering Mathematics - II

Class: FE

Div: C

Name of Subject Teacher: Dr. S.M.Khairnar

CO No.	BT level	Students will be able to
CO-1	4-Analyze	The effective mathematical tools for solutions of first order differential equations.
CO-2	2-Understand	The model physical processes such as Newton's law of cooling, electrical circuit, rectilinear motion, mass spring systems, heat transfer etc
CO-3	3-Apply	Advanced integration techniques such as Reduction formulae, Beta functions, Gamma functions, Differentiation under integral sign and Error functions needed in evaluating multiple integrals and their applications.
CO-4	4-Analyze	To trace the curve for a given equation and measure arc length of various curves.
CO-5	_ 4-Analyze	The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner.
CO-6	3-Apply	Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre of gravity and Moment of inertia.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

> First Year Engineering

Signature

Subject Teacher

(Name: Dr. S.M.Khairnar)

Signature

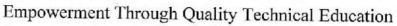
Head of Department

Principal (Name: Dr. S.M.Khairnar) nkya DY Patil School of

Engineering, Lohegaon, Pune



Academic Year: 2021-22



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of First Year Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: II

Subject: Engineering Mathematics - II

Class: FE

Div: C

Name of Subject Teacher: Dr. S.M.Khairnar

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	2	1													
CO-2	2- Understand	2	2													
CO-3	3-Apply	2	1												100 100 100 100 100 100 100 100 100 100	
CO-4	4-Analyze	2	1													
CO-5	4-Analyze	2	1												AND THE STATE OF T	
CO-6	3-Apply	2	2	• •	To the second											
Average		2.00	1.33		40200	1	_		1.5					Wales.		
Rounde d off		2.	2													

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Signature

Subject Teacher (Name: Dr. S.M.Khairnar)

First Year Engineering

Principal Signature Engineering, Lohegaon, Punc

Head of Department

(Name: Dr. S.M.Khairnar)

Justification for mapping CO to corresponding PO Engineering Mathematics - II

Course Outcome (CO)	Mapped PO	Level	Justification 11 - in resince size to solve the
	PO 1	2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 1	PO 2	1	Plan to perform experiments and practices to use the results to solve broad-based engineering problems.
	. PO 1	. 2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 2	PO 2	2	Plan to perform experiments and practices to use the results to solve broad-based
	PO 1	2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 3	PO 2	1	Plan to perform experiments and practices to use the results to solve broad-based engineering problems.
	PO 1	2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 4	PO 2	1	Plan to perform experiments and practices to use the results to solve broad-based engineering problems.
	PO 1	2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 5	PO 2	1	Plan to perform experiments and practices to use the results to solve broad-based engineering problems.
	PO 1	. 2	Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Discipline specific engineering problems.
CO 6	PO 2	2	Plan to perform experiments and practices to use the results to solve broad-based engineering problems.

Dr. S.M.Khairnai Subject Teacher Dr. S. M. Khairnar Head, Engg. Sciences Dept





To deal with derivative of functions of several CO-3 variables that are essential in various branches of

To apply the concept of Jacobian to find partial derivative of implicit function and functional dependence. Use of partial derivatives in estimating errors and approximations and finding extreme values of the function.

The executed tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, finding linear and orthogonal transformation.

Mapping Criterias -->

Eigen values and Eigen vectors applicable to engineering problems.

C04

CO-6

Empowerment Through Quality Technical Education School of Engineering Charlof (Bk), Lohegaon, Pune - 412 105

Department of First Year Engineering

Dr. D. Y. Patil Dr. D. Y. Pail Knowledge City, Website: https://dypaos.in/

				*														O-PO	-P8O/	Attainr	ment											* Fe	on No. H	QAC/36	S.								
Subject: E	Year: 2021-22 agineering Mathematics - II ubject Teacher: Dr. S.M.Khairnar																														1								Class FE	Sem	Div: C		
		Electrical Taxonomy		Direc	f Anses m	ent (Inte	mai) (303	a .		Assesmen Univers	ky Exam	•	Direct Assessment (DA)		Assessment	CO											100																11000 11000 11000 11000 11000
			Unit T	est	T T	Q#%) (CA 10%)		d Result 0%)	PR/C	(R/TW (PS)	Mapping of (20% Internal	2000 High	Department	- 3									Am		Attail											anda			Arrah		Attair
CO No.	Statement of COs		Summ arive Test	un	UT 2	Mapping	ex.	Mappin	% result of Sub.		% Result of FR / OR / TW	Mapping	tests+10% Continent Assessment +60% Univ result(TH)+10% Univ and result	Course Exit Survey	Mapping	Weighting (80% DA 20% IDA		A Project	PO2	ment	Pas	Attain mest	Prisa no	CIT P	05 mm	n PO	Attal nersen	POT	ment	PINS AREA	et PO		Pesso		PGII	Altsin Uncel	POIZ	Best	Pro Pro	at PSO	Oz Atrale ment	PSOS	Attali
CO-1	Mean value theorems and its generalizations tending to Taylors and Maximum's series useful in the analysis of engineering problems.	+Analyze	67.21			3.0	85.29	3	77.05	3.0	100.00	3.0	3.60	83.25	3.0	3,00	2	2	1	1																111							
CO-2	The Fourier series representation and harmonic analysis for design and analysis of periodic continuous and discrete systems.	4-Analyze		85,15		3.0	85-29	,	73.00	3.9	100.00	3.0	3.4	86.33	1.0	3.00	2	2	1	1																							

3-Apply

3-4-2-1

3.0

3.0

3.0 85.20

Marks >=60: Level 3

77.05

1.0 100.00

Marks >=50: Level 2

3.6

School of Engin

72.22

84.70 3.0

3.0

3.0

Marks >=40: Level 1

Avg. Attainment of PO-3

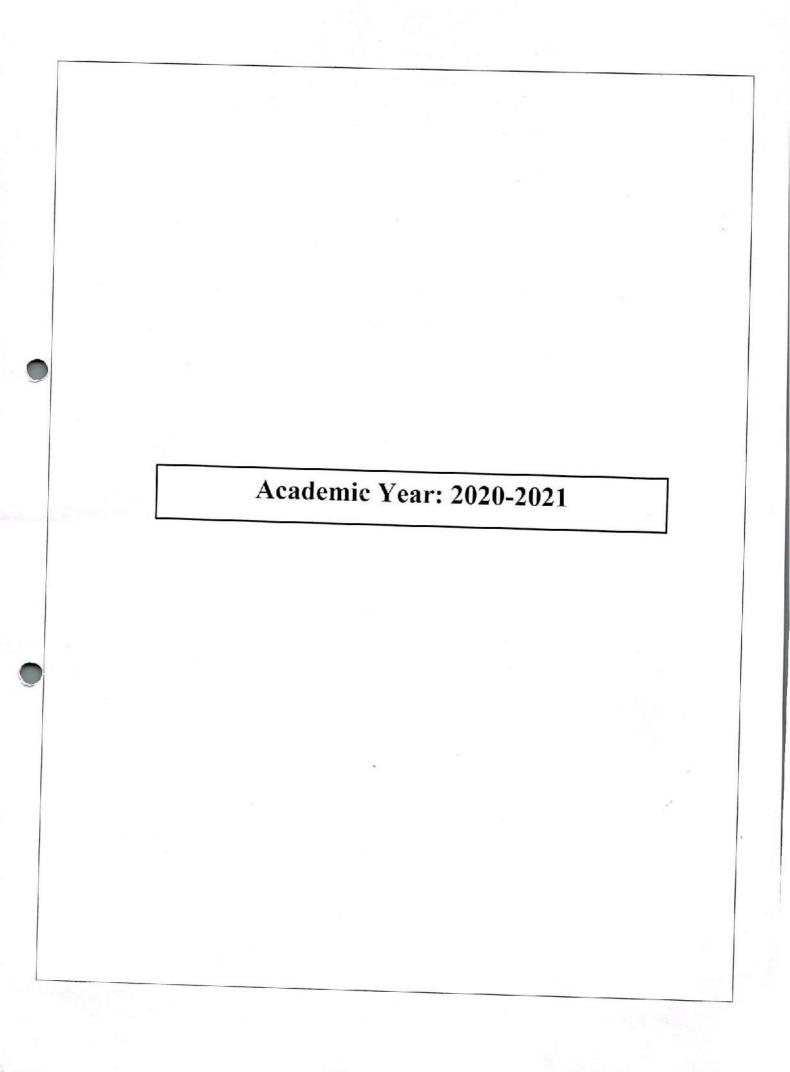
Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Avg. Attainment of PO-11

Avg Attainment of PO-12

Avg. Attainment of PO-8

Avg. Attainment of PO-7





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36 Semester: 1

Subject: Computer Network

Academic Year.: 2020-21

Class:TE

Div: A

CO No.	BT level	Students will be able to
CO-1	4-Analyze	Analyze the requirements for a given organizational structure to select the most appropriate networking architecture, topologies, transmission mediums, and technologies
CO-2	3-Apply	Demonstrate design issues, flow control and error control
CO-3	4-Analyze	Analyze data flow between TCP/IP model using Application, Transport and Network Layer Protocols
CO-4	3-Apply	Illustrate applications of Computer Network capabilities, selection and usage for various sectors of user community.
CO-5	3-Apply	Illustrate Client-Server architectures and prototypes by the means of correct standards and technology
CO-6	3-Apply	Demonstrate different routing and switching algorithms

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. America Chitari Subject Teacher

COMPUTER DEPARTMENT

Dr.Pankaj Agarkar HOD

Principal Ajeenkya DY Patil School of nead of the Departmentering, Lohegaon, Pune

repartment of Computer Engineering Dr. D. Y. Patil School of Engineering

Dr. D. Y Patil Technical Campils As Lonedar in



Academic Year: 2020-21

Subject: Computer Network

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: 1

Class: TE

Div: A

Name of Subject Teacher: Prof. Amruta Chitari

PO CO	BT LEVEL	PO1	PO2	, PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	1		1	2	3	1		1			1	1	1		
CO-2	3-Apply		1	•	1	1		1			i			1		
СО-3	4-Analyze	3		2	1	2							1	1	1	
CO-4	3-Apply		2	1	2	1							1	1	1	
CO-5	3-Apply	1	3			1		1	1					1	2	·
CO-6	3-Apply	1		2	1		1			1		1	1	1		
Average		1.50	2.00	1.50	1.40	1.60	1.00	1.00	1.00	1.00	1.00					
Rounde d off		2	2	2	2	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.33	

(Strength of Corclation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Prof. Amruta Chitari Subject Teacher



Dr.Pankaj Agarkar HOD

mead of the Department repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Ala Lohegaon Charholi Rk Dung



Justification for CO-PO Mapping.

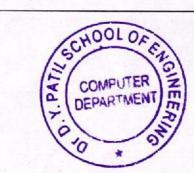
CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1	Slightly having the Knowledge of the fundamental concepts of computer networks and its application that helps in solving complex engineering problems
	PO3	1	Slightly the student using the knowledge of computer architecture concepts, we can design and develop solutions for complex engineering problems
	PO4	2	Moderately having Knowledge of Computer network technologies can be used to conduct experiments in real life problems to provide valid conclusions
	PO5		Strongly having the Knowledge of the fundamental concepts of Data Structures and its application that helps in solving complex engineering problems
CO-1	PO6		Slightly mapped as the students, can use different moderm tools to modeling to complex engineering activities wit an understanding of the limitations.
	PO8		Slightly the students, can understand the ethical principals of the using computer network devices in the engineering practice
	PO11		Slight knowledge & understanding of the protocol can be applied in multidisciplinary environment
	PO12		Slightly having the understanding for the need of CN and have the preparation and ability to life-long learning in the propage context of technological change
	PSO1	1 t	slightly the student will study of fundamental concepts of OSI layer to analyse and develop algorithms and implemen hem using high-level programming languages.
	PO2	1 5	olution to it
	PO4		lightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems o provide valid conclusions
CO-2	PO5		lightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex ngineering activities with an understanding of the limitations.
	PO7	1 e	nyironment context.
	PO10		ightly the student will become aware of the need for lifelong learning and the continued upgrading of technical nowledge of Computer network data link layer
	PSO1	1 Si	ightly the student will study of fundamental concepts of Error control to analyse and implement them efficient
	F3U1	1 de	ightly the student will study of fundamental concepts of Error control to analyse and implement them efficient esign of computer-baseds ystems of an ing. COMPUTER DEPARTMENT OF DEPART



	PO1	1	Slightly mapped as students will be able to understand the principles of the application layer protocol HTTP,FTP,SMTP & DNS
	PO2	3	Strongly mapped as students will be able identify working principles of application layer protocols HTTP, FTP, SMTP,DNS
	PO5	1	Slightly the students will study different tools used to in application layer
CO-5	PO7	1	Slightly the student can understand the use of application layer tool in the societal and environment context.
	PO8	1	Slightly the students will apply secure application protocol to ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of Application layer in the area of computer network for efficient design.
	PSO2	2	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering ,principles of application layer protocols fro developing networking applications.
	PO1	1	Slightly student will be able to compare study of different cryptography algorithms that helps in involves solving complex engineering problems
	PO3	2	Moderately having Knowledge , students can identify the elments of Network security that can be used to conduct
	PO4	1	Sligtly mappeed as the students can apply the concepts of cryptography in learning advance Network security concepts can be used to design & conduct experiment to provide conclusion.
	PO6	1	Slightly student having knowledge of Security in Network, Transport and Application can be used to find solutions to common social problems
CO-6	PO9	1	Weakly Expertise in basics of information security , which will enable the student to become a productive member of a design team
	PO11	1	Slight knowledge & understanding of the concepts crytographics & Authentication algorithm for real time application so that it can be applied in multidisciplinary environment
	PO12	1	Weakly the student will become aware of the need of network security , & having knowledge for lifelong learning and the continued upgrading of technical knowledge
	PSO1	1	Weakly students learns various approaches and acquire skills to design, analyse and implement data Network Security tools.

A Colora de la Col

Prof. Amruta Chitari Subject teacher



Dr.Soumitra Das HOD Principal
Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

repartment of Computer Engineering
Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Technical Campus
Via Lohegaon Charholi Bk. Pune. 412105



Empowerment Through Quality Technical Education Dr. D. Y. Patil School of Engineering fx. D. Y. Patil School of Engineering Chathil (Bic), Lebegain, Pane - 412 105 Webbig: https://dypao.int

	6.58			_	-		_			-	on the s		7					Departn	ent of	Comput	ter En;	incerin	ng .																		
Academ	ic Year: 2020-21		400		-	-	-	-			O-PO-1	SO Ann	benent	_			-					Fore	m No. IQA	V3/36								Succession					419	1110			the Co
	Computer Networks Subject Teacher: Prof. America Chitari																																					5	Somostar: 1	1	
		Blomp. Tatanting			et Assessara	100000000000000000000000000000000000000				Unive	esity Eva		Direct Assessment [DA]		Assessment IDA)	CO Altainmet																					Class	TE.	Dis	1	I
CO Ne	Naturent of COs		tre	1173	- 177	Mapping		Mapping		ret Result (69%) Mappin	N. Resul	Mappin	Mapping of (20% Internal Instanta Cantings Assessment +60% Unic troub(TIQ+ 10% Unic oral nesult	Coarse Esti		Weighting (80% DA) 20% (DA)	Pin	Amain sent	NOT ALL	Bain red	O3 Afra	nin POI	Attain	P05	Ansi	CM An	ni Pon	, Affain	Pos A	kolin PA	r, Altain meni	жэ a .	#	POIL ATEL	din 1902	32 Allain ment	1901	Attalia y	159/32 All	Hain (%)	nı A
cn i	Analyze the requirements for a given organizational structure to melect the most appropriate networking architecture, topologies, transmission mediums, and technologies	4-/unalyzar	\$824			3.0	19,77	ı	264000	3.0	363.76	1.0	3.00	#8,57		10-	•	1		1	,	1		1		t 1			1					1	1			1			A CANADA
cn z	Demonstrate design issues, fless control and error control)- Apply	88(24		3	3.9	24.77	,	100 80	1.0	160-00	3.5	3.6	S) :6	3.0	3.00						1		1	1		1	1				1						1			
co.j	Analyze data flow between TCP/IP model using Application, Transport and Network Layer Protocols	&Archyse		300,00		4.9	77,17	,	10000	¥0	30m(a)	3.0	1.4	81.64	3.0 -	2.52				2		1		2											,		1	1			
t'0-4	Historice applications of Computer Network sagnification, softering and enough for various socious of over community.	k-Apply	M	100,00		1.0	79,77	,	10000	**	100.00	3.0	2.4	17.58	10	2.10						,			,										,	1		,			
003	Hustrate Chest Server area/ectures and prototypes by the mosts of correct standards and rechnology	3-Apply			97.19	3,0	19.17		100.00	3.0	10000	1.0	1.0	84.47	1.0	3m	1							1	1				1	ı							1	1			
CU-6	Demonstrate different muting and writching algorithms	Suloply			97,10		79.77	3	100.06	3.0	100.00	3.0	3.0	58.69	14	100		1		1 2	2	,				,				1				, ,		1	,				
	Mapping Criterias →				Marks	≈60: Le	vel 3	Ma	rks >=5	50: Leve	12	Mar	rks >==40; Level	1			Arana Arana of PC	nerst Any	Anaire of PO-2	nest At	Arg tainment (PO-)	- Mai	ng metere PO-8	Arg Attained of PO	ent A	Avg. Stammersi of PO-5	Attai	rug ingered PO-7	Arg American of POS	n An	Avg. serment PO-9	Avg Attempte of PG-1		Avg. Attaument of PO-E	Any A	Mainment Do 12	Attain of PS	coco.	Arg Atteiration of PSO-2	ni As	Arg mirrorn (PSG-4

Paor, Autar Chitari





read of the Department repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Via Lohedaon. Chamoli Bk. Pune. 412105



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs): Form No. IQAC/36 Academic Year.: 2020-21 Semester: II Subject: System Programming & Operating System Class:TE Div: A Name of Subject Teacher: Prof. Amruta Chitari CO No. BT level Students will be able to CO-1 4-Analyze Analyze basic system software CO-2 Design & implement system software 3-Apply CO-3 Analyze different schemes for designing loader and linker 4-Analyze CO-4 3-Apply Use language translation tools like LEX & YACC CO-5 2-Understand | Understand Operating System concepts 2-Understand | Understand Operating System concepts CO-6

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Prof. Amruta Chitari Subject Teacher COMPUTER DEPARTMENT PROPERTY OF THE PROPERTY O

Dr.Pankaj Agarkar

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

nead of the Department repartment of Computer Engineering Or. D. Y. Patil School of Engineering Or. D. Y. Patil Technical Campus Via Lohegaon, Champil Bl. Pt.



Academic Year: 2020-21

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: II Class: TE

Div: A

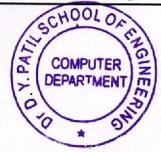
Subject: System Programming & Operating System Name of Subject Teacher: Prof. Amruta Chitari

Name of	Subject Teacher	: Prol.	Amruta	Chitar	1		STATE OF THE STATE									
PO CO	BT LEVEL	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	POI0	POH	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	2	2	2	1									3		
CO-2	3-Apply	2	2	1	. 2									2	2	1
CO-3	4-Analyze	2	2	1	1									1		
CO-4	3-Apply	2	1	2	1								1	2	1	pro-ma-solic
CO-5	2-Understand	2	2.	1	2								1	2	1	
CO-6	2-Understand	2	1	2	1								1	1		
Average		2.00	1.67	1.50	1.33		HΣ	4	12	-	_		1.00	1.83	1.33	1.00
Rounded off		2	2	2	2								1	2	2	1

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Prof. Amruta Chitari Subject Teacher

best



Dr.Pankaj Agarkar HOD

nead or the Department repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Ma Lohedaon Chamoli Rk Pline 412105



Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
i	PO1	2	Moderately having the knowledge of engineering fundamentals, and an engineering specialization for analyzing System Software and its functionality
	PO2	2	Students can moderately able to analyze System Software by recognizing the need for, and have the preparation and ability to engage in independent and life-long learning
CO-1	PO3	2	Students can moderately able to Design solutions for complex system software and design system components or processes
	PO4	1	Slightly the student able to understand, analyze and develop system software, web design.
	PSO1	3	Students can strongly able to analyze System Software by recognizing the need for developing computer programs.
	PO1	. 2	Moderately having the Knowledge of the fundamental concepts of IData Structures that helps in solving complex engineering problems.
	PO2	2	Moderately the student will know Principles of mathematics and engineering sciences are used in Design & Implement various System Software.
	PO3	1	Slightly the student using the knowledge of system software, we can design and implement solutions for problems in operating system.
CO-2	PO4	2	Moderately having Knowledge of analysis and interpretation of data to implement various software system.
	PSO1	2	Moderately the student will understand the algorithms for design and implement various system software.
	PSO2	2	Moderately the student can deliver good quality software by using various algorithms.
	.PSO3	1	Slightly the student using the platform to build their carrier path to become entreprenuer.
	PO1	2	Moderately having the Knowledge of the different Loading Scheme and analyze the performance of linker and loade
	PO2	2	Moderately the student will Identify, formulate concept of loader and linker using various methods.
CO-3	PO3	1	Slightly the student using the knowledge of different types of linker and loader, we can design and develop solutions for complex engineering problems related to loader and linker.





PO4	1	Slightly having Knowledge of performance of different types of loader.												
PSO1	1	Studente Clicket, - LL.												
PO1	2	Moderately Imple												
PO2	1	Slightly the standard out to												
PO3	2	Moderate Co.												
PO4	1	Slightly having Knowledge of design of scheduling programs												
PO12	1	synthesis of the information to provide valid conclusions. Slightly the student will Recognize the need for scheduling in operating system.												
PSO1	2	Moderately design and implement algorithms needed to analyze the complex problems.												
PSO2	1	Slightly the student will Recognize the strategies & algorithms to find efficiency in operating system.												
	+	Moderately having the Knowledge of the formula descriptions to find efficiency in operating system.												
	-	oderately having the Knowledge of the fundamental concepts of deadlock and concurrency issues that holder and concurrency issues that holder the student will analyze possible ways that holder the student will analyze possible ways that he												
	-	Moderately the student will analyze possible ways that generate the dealock situation in operating system.												
	-	Slightly having the Knowledge to design different deadlock prevention , recovery methods.												
	2	Moderately having the Knowledge analysis and implement of different deadlock prevention methods, and synthesis of the information to provide efficient results.												
PO12	1	slightly the student will Recognize the need of deadlock , deadlock prevention , recovery methods.												
P5O1	2	Moderately the student will identifyt possible mechanism to deal with dealock situation in operating system.												
PSO2	1	Slightly the student will apply the practices and strategies to remove the deadlock problems.												
-P01	2	Moderately having the fundmental concept to Demonstrate memory organization and memory management policies.												
PO2	1	Slightly the student will analyze complex engineering problems in memory Management in OS.												
PO3	2	Moderately Design solutions for complex Memory management policies.												
PO4	1	Slightly the student will implement methods including design of different memory management algorithms , analyze complex engineering problems in memory Management is Oc												
PO12		Slightly the student will recognize the need for memory management in OS.												
PSO1	1	Slightly the student will analyze & demonstrate different memory management algorithms.												
My low	1	300L OF S.												
Uta Chitari	1	COMPUTER THOD DEPARTMENT TO THE DEPARTMENT OF COMPUTE Engineering												
Teacher	/:	Dr.Pankaj Agarkar												
	1	COMPUTENT THE HOD												
	15	DEPARTMEN TO THE DEPARTMENT												
	10	DEPARTMENT OF Computer Engineering												
	PSO1 PO1 PO2 PO3 PO4 PO12 PSO2 PO1 PO2 PO3 PO4 PO12 PSO2 PO1 PSO2 PO1 PSO2 PSO1 PSO2 PO1 PSO2 PO3 PO4	PSO1 1 PO1 2 PO2 1 PO3 2 PO4 1 PO12 1 PSO1 2 PSO2 1 PO1 2 PO2 2 PO3 1 PO4 2 PO12 1 PSO1 2 PSO2 1 PO1 2 PSO2 1 PO1 2 PSO2 1 PSO2 1 PSO2 1 PSO1 2 PSO2 1 PSO1 1												

nead of the Jepartment repartment of Computer Engineering Dr. D. Y Patil School of Engineering Dr. D. Y Patil Technical Campus Ala Lohecaon Chamoii 3k Pune 412105





Lapousament Though Quality Technical Education Dr. D. Y. Path School of Pagineering Br. D. Y. Path School of Pagineering Charlott (Bisk Ledgare Paus - 412.00 Westic Rept Approxie) Department of Computer Engineering

Form No. 10A036

condemic Vent. 2020-21

Nutriest: System Programming & Operating System Name of Subject Teacher: Prof. Amusta Chitari

		Tilorori Taxoninas		Die	ect Assessor	nt (latera	al) (1974)					(External) by France	(time)	Direct Assessment (DA)		Assessment		16				1881		16												Class: TE		Div. A	
		Lammons	U	eit Test		(20%)		CA (10%)		Subject F		PR/OI				ID-t)	Artikenen															CT N							
O No.	Statement of COs		tri	LT2	4.1.1	Majgu	ng Ca	Мар		rrsult (Sub.	Mapping	% Result of PR / ORce Th		Magging of (18% Internal Senti-BU% Contineurs Assessment +60% Units result(TII) + 18% Units oral result	Course Exit Survey	Magging	Wrightage parts DA+ 20% IRAs		Artein ment	POZ Aña	rai	Attain med	POA AN	talis far	Athri S nmen t	1908 Atta	e Por	Affair Book	POR Attain	705 A	Main p	C10 Attent	Pesal Al	tain Por	Attain seed	Poot W	ffain PSI	OZ Aftain ment	1803 A
01	Analyze hoose system software	4 Analyze	min			3.0	82.3	29	10	99 00	3.0	100.00	3.0	3.00	83.57	3.0	3.00	2	2	2 2	2	9	L I													3	3		
0-1	Design & implement system software	3-Apply	premi			3.0	82.3	29)	10	00.60	3.0	100.00	3.0	3.0	81.16	3.9	3.00	2	2	2 2	1	,	2 2	2	H											2	2 2	, 2	1
	Analyze different schemes for designing leader and baser	# Anvigar		98.57		0.0	82,3		10	00,00	3.0	100.00	3,0	2.4	81,64	3,0	2.52	2	2	2 2	1,	1		1												1	1		
04	Use language translation tools the LEV & VACC	S-Apply		98.57		0.0	82.1	59 3	16	00,00	3.0	100.00	3,0	2.4	77,78	3.0	2.52		2	1 1	2	2	1 .											,		2	2 1	1	
50-5	Enderstand Operating System concepts	Sillsdentand			97.10	3.0	82.1	9 3	10	00.00	3.0	160,00	3.0	3.0	86.47	3.0	3.00	2	2	2 2	1	ı	2 7	,										1	ı	2	2 1	1	
06	Understand Operating System concepts	2-Understand			97.10	3,4	82.3	9 3	10	90.00	3.0	100.00	3.0	3.0	88.89	3.6	3.00	2	2	1 1	2	2	1 1	1										1	,	1	1		
	Mapping Criterias ->				Mag	rles >=60	: Lavrel	3	Mari	Ls >=50	l: Level	2	Marks	6 >=40: Level 1				Anj Antains of Pi	mirt A	g Admires	at Attai	og mount PO-3	Attunces of PO-4	# Atte	lag inners PO-5	Avg Attainment of PO-6	Ang Attainm of PC	more /	• Ang. Attainment of Pools	Anamer-	int 2	Any. Uta navert of PO-10	Arg. Attainme of PO-1		Manarent 90-13	Arg Attainme of PSG	mi 7a	Arg Rainment C PSC-2	Arg Attainme et PSO
	Man.												7 (6					20	V.5	3.67		5	1.33												100	1 83		1.33	1.00

PED, COWLO DEPARTMENT TO

Semester: II

repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patit Technical Campus /la Lohegaon Chamoli &k Pune 412105





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of E&Tc Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.: 2020-21

Subject: VLSI

Class: BE

Div:--

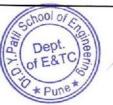
Semester: I

Name of Subject Teacher: Dr. Rashmi Mahajan

CO No.	BT level	Students will be able to	
CO-1		Write effective HDL coding for digital design	
	2 Oliderstand	write effective TIDE coding for digital design	
CO-2	3-Apply	Apply knowledge of real time issues in digital design	
CO-3	3-Apply	Model digital circuit with HDL, simulate, synthesis and prototype in PLDs.	
CO-4	2-Understand	Design CMOS circuits for specified applications	
CO-5	4-Analyse	Analyze various issues and constraints in design of an ASIC	
CO-6	3-Apply	Apply knowledge of testability in design and build self test circuit	

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"





A



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of E&Tc Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2020-21

Subject: VLSI

Semester:I Class: BE

Div:

Name of Subject Teacher: Dr. Rashmi Mahajan

THE OF	ounject zene.					Management of the page of	Name and the same							Manufacture Contraction	Marine Marine Marine Marine	Manager and Property of the Parket
PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	2- Understand	2	2	2			1		and the second		1			3		2
CO-2	3-Apply	3	2	2	1		1						1	2		
CO-3	3-Apply	3	2	1	2	1	1						1	1		3
CO-4	2- Understand	3	2	2		1	1	2					1	2	particular, versilitati	
CO-5	4-Analyse	2	3	3			nine						3			
CO-6	3-Apply	3		2	2									2		1
Average		2.67	2.20	2.00	1.67	1.00	1.00	2.00		1	1.00	-	1.00	2.00	2	2.00
Rounde d off		3	3	2	2	1	1	2			1		1	2		2

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation





ept. of E. & T.C. Engineering D.Y. Patil School of Engg., Lohegaon

Hearwaldy Patil School of Engineering, Lohegaon, Pune

Empowerment Through Quelley Technical Education
Dr. D. V. Patili School of Engineering
Dr. D. V. Patili School of Engineering
Charlest (St. Literpan, Pater - 42) 165
Webste Stam, Pater - 42) 165
Webste Stam, Pater - 42
Department of PATC Engineering 200 Form No. IQAC/M CO-PO-PSO Attainment Subject: VLS1 Name of Subject Teacher: Dr. Rashmi Mahajan Unit Test poping at the property of the CO No. Statement of COs Result of PR/ OR/ TW Exit Survey Weightage (80% DA-20% IDA) 1,0 CO-1 Write effective HDL coding for digital design 78.13 3.0 3.0 71.65 cos 100.00 79.67 84,38 100.00 3.0 100,00 Arg Attainment of PSQ-1 200 Marks >=40: Level I Mapping Criterias --> Marks >= 50: Level 2

Bhuni

DY Cohegaon, Dy A Guille School On Cohegaon, Dy Cohegaon,

B

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune



Dept. of E. & T.C. Engineering
Dr. D.Y. Patil School of Engg. Lohegaon



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City,

Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department of Civil Engineering

Course Outcomes (COs):

Form No. IQAC/36

Semester: 6

Academic Year.: 2020-21

Class: TE

Subject: Advanced Surveying

Div: B

Name of Subject Teacher: Prof. Aniket Nemade

CO No.	BT level	Students will be able to
CO-1	2-Understand	Students with ability to handle advanced instruments related with hydrographic and geodetic surveying.
CO-2	2-Understand	Students to acquire basic knowledge and principles of aerial photogrammetric, remote sensing and GIS.
CO-3	3-Apply	Students to apply basic principles of trigonometric leveling and setting of various construction works
CO-4	4-Analyse	Students to understand methods of triangulation adjustment and reasoning for the same.filter media and rate of filtartion.
CO-5	3-Apply	Students to know the working principle of basic and advanced instruments related with surveying and leveling.
CO-6	2-Understand	Students to understand problem and find out immediate solution with appropriate answer.





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Civil Engineering

CO-PO-PSO Mapping

Form No. IQAC

Academic Year.: 2020-21

Subject: Advanced Surveying

Class: TE

Div: B

Semester: 6

Name of Subject Teacher: Prof. Aniket N

Name	of Bubject 1	caene		71. 1211	IIICC I			and the same of th		CORPO ACCIONADO	THE REAL PROPERTY.	Note the Sandard		Maria Cara Cara Cara Cara Cara Cara Cara	RISCO CONTRACTOR	CHARLES SERVICE
PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	2- Understan d	2	3	1			2	3				1	2	1		2
CO-2	2- Understan d	3	2	3	2		1	2				1	1	3		1
ĊO-3	3-Apply	3	3	1	2	1						2		2		2
CO-4	4-Analyse	3		2	2	1	1	2				1	1	2		2
CO-5		2		2		1		2					2	1	2	
CO-6	Understan	3		2	2		2	1					1	2		1
Avera ge		2.67	2.67	1.83	2.00	1.00	1.50	2.00	-)	- 3	-	1.25	1.40	1.83	2.00	1.60
Roun ded		3	3	2	2	1	2	2				2	2	2	2	2

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

subject Teacher

H.O.D. Department of Civil Engineering Dr. D. Y. Patil School of Engg. Lohegaon







Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoc.in/

Department of Civil Engineering



CO-PO-PSO Attainment

Academic Year.: 2020-21 Subject: Advanced Surveying

Name of Subject Teacher: Prof. Aniket Nemade

		Blooms Taxonomy	Direct Assesment (Internal) (30%)							Assesment Universi	(Externa		Direct Assessment (DA)	Indirect Assessmen (IDA)		со		
		Taxonomy			it Test 20%)			CA (0%)		ct Result (0%)		0R/TW 0%)	Mapping of		шх)	Attainment		
CO No.	Statement of COs	×	UT1	UT 2	UT 3	Mapping	CA	Mapping	% result of Sub.	Mapping	% Result of PR / OR / TW	Mapping	(20% Internal tests+10% Continous Assessment +60% Univ result(TH)+10% Univ oral result	Course Exit Survey	Mapping	Weightage (80% DA+ 20% IDA)	POI	Attain ment
CO-1	Identify types of building and basic requirements of building components	2-Understand	92.98			3.0	75,60	3	94,16	3.0	100.00	3.0	3.00	84.21	3.0	3,00	2.	2
CO-2	Make use of Architectural Principles and Building byelaws for building construction.	2-Understand	89,47			3.0	75.60	3	94.16	3,0	100.00	3.0	3.0	92.40	3.0	3.00	.3	3
CO-3	Plan effectively various types of Residential Building forms according to their utility, functions with reference to National Building Code	3-Apply		94.74		0.0	75.60	3	94.16	3,0	100.00	3.0	2.4	88,30	3.0	2,52	3	3
CO-4	Plan effectively various types of Public Buildings according to their utility functions with reference to National Building Code	4-Analyse		91.23		0.0	75,60	3	94,16	3,0	100.00	3.0	2.4	93.57	3.0	2,52	3	3
CO-5	. Make use of Principles of Planning in Town Planning, Different Villages and Safety aspects.	3-Apply			94.74	3,0	75,60	3	94.16	3.0	100.00	3.0	3.0	85.38	3.0	3.00	2	2
CO-6	Understand different services and safety aspects	2-Understand			84.21	3,0	75.60	3	94.16	3.0	100.00	3.0	3.0	85.38	3.0	3.00	3	3

Mapping Criterias -->

Marks >=60: Level 3

Marks >=50: Level 2

Marks >=40: Level 1

PATH SAttainment of PO-1 2.67

Aniku v-Newwede Principal
Subject Teacher
Ajeenkya Patil School of
Engineering, Lohegaon, Pune

Department of Civil Engineering

Dr. D. Y. Patil School Engg. Lohegaon



Academic Year.:2020-21

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

D. Y. Patil Knowledge City, Lohegaon, Pune - 412 105



Dr. Charholi (Bk), e: https://dypsoe.in/

Div:NA

Department of E&TC Engineering

Course Outcomes (COs): Form No. IQAC/36 Semester:II

Class:BE Subject:BCS

Name of Subject Teacher: Prof. Prajakta Khairnar

CO No.	BT level	Students will be able to
CO-1	2-understand	To describe the three primary components of a fiber optic communication system.
CO-2	2-understand	Students will be able understand System architectures, Point to point links of light wave system
CO-3	4- analyse	To understand the system design issues and the role of WDM components in multichannel systems.
CO-4	2-Understand	To understand the basics of orbital mechanics and the look angles from ground stations to the satellite
CO-5	1-remember	To define Satellite sub systems
CO-6	3-Apply	To apply subject understanding in Link Design.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of E&TC Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year:2020-21

Semester:II

Subject:BCS

Class:BE

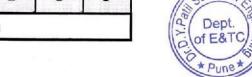
Div:NA

Name of Subject Teacher: Prof. Prajakta Khairnar

	- majore zeme			ujanta	Tructi	141										
PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	2- understand	3		1			2	3				1	2	1		2
CO-2	2- understand	3	2				1	2					1	1		
CO-3	4- analyse	3	3	1	2									1		3
CO-4	2- Understand	3	2	2		1	1	2						2		
CO-5	1- remember	2					23		E COL				2	1	1	
CO-6	3-Apply	3		2	1		1	1					1	2		\$20,700,000,000,000
Average		2.83	2.33	1.50	1.50	1.00	1.25	2.00			1.68	1.00	1.50	1.33	1.00	2.50
Rounde d off		3	3	2	2	1	2	2				1	2	2	1	3

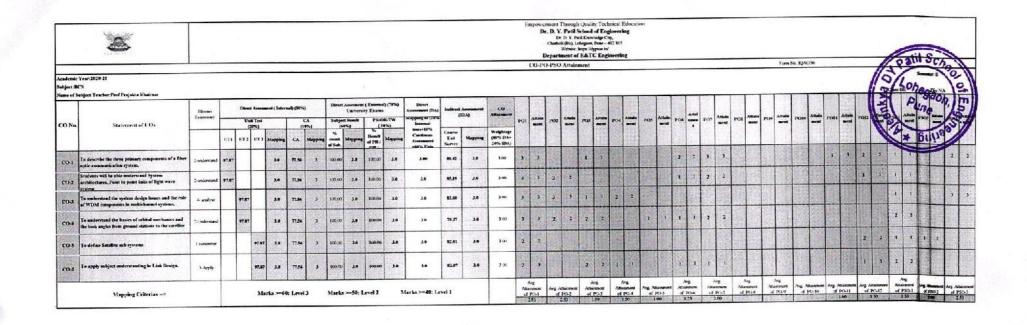
(Strength of Correlation): 3-Strong, 2-Medium, 17-Weak, Keep Blank-if No Corellation

Ajeenkya DY Patii School of Engineering, Lohegaon, Pune









Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Dept. of E. & T.C. Engineering Or D.Y. Patil School of Engg. Lohagaon



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs): Semester: II

Form No. IQAC/36

Academic Year.:2020-21

Subject: Machine Learning

Class:

CO No.	BT level	Students will be able to
CO-1	2-Understand	Understand various Machine Learning Concepts.
CO-2	3-Apply	Analyze and Apply Learning Theory.
CO-3	3-Apply	Analyze and Apply Geometric Models.
CO-4	3-Apply	Analyze and Apply Logical, Grouping And Grading Models.
CO-5	3-Apply	Analyze and Apply Probabilistic Models.
CO-6	1-Remember	Case Studies on Advanced Machine Learning Techniques

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do

after completion of Unit"



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. 1QAC/36

Academic Year: 2020-21

Semester: II

Class:

Subject: Machine Learning

Name of Subject Teacher: Dr. Sunil Rathod

il Rathod

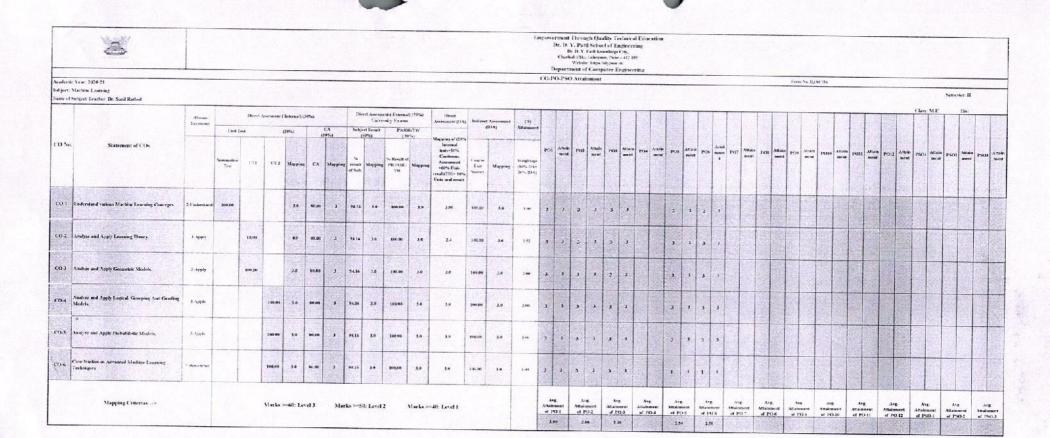
PO) CO	BT LEVEL	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO-1	2-Understand	3	3		2	2								
CO-2	3-Apply	3	3		3	3								
CO-3	3-Apply	3	3		3	3								
CO-4	3-Apply	3	3		3	3					100			
CO-5	3-April Ajeena	3	3		3	3								
CO-6	1-Rengentation	3	3		1	1								
Average	July 100435	3.00	3.00	-	2.50	2.50		-	-			-	_	
Rounded off	7,000	3	3		3	3								

(Strength of Correlation): Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

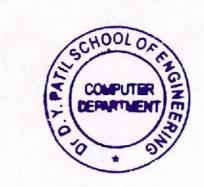
Signature Subject Teacher Dr. Sunil Rathod



read of the Department specific the Department of Confidence of the Patri Behod of Engineering On Down Patri Technical Carrous is Louis and Charlot Bk Pune 412105

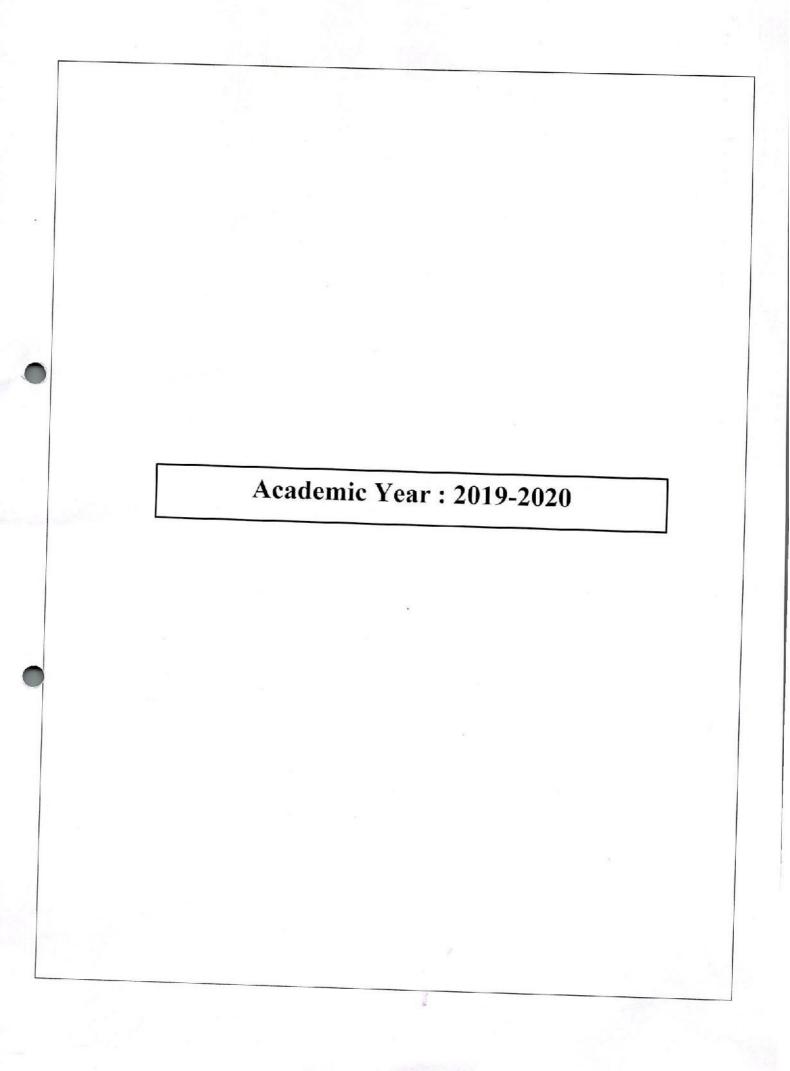






A

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department of First Year Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.: 2019-20

Semester: I

Subject: Engineering Mathematics - I

Class: FE

Div: B

Name of Subject Teachers Mr. Dahullamon D. Vetle d

CO No.	BT level	Students will be able to
CO-1	4-Analyze	Mean value theorems and its generalizations leading to Taylors and Maclaurin's series useful in the analysis of engineering problems.
CO-2	4-Analyze	The Fourier series representation and harmonic analysis for design and analysis of periodic continuous and discrete systems.
CO-3	3-Apply	To deal with derivative of functions of several variables that are essential in various branches of Engineering.
CO-4	3-Apply	To apply the concept of Jacobian to find partial derivative of implicit function and functional dependence. Use of partial derivatives in estimating error and approximation and finding extreme values of the function
CO-5	4-Analyze	The essential tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, finding linear and orthogonal transformation.
CO-6	3-Apply	Eigen values and Eigen vectors applicable to engineering problems.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Subject teacher Mr. R Katkade D.Y. Patil S.

Principal Ajeenkya DY Patil School of

Engineering Lohogger D.

Dr. S.M.Khairnar



Dr. D. Y. Patil School of Engineering

Dr.

D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of First Year Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2019-20

Semester: I

Subject: Engineering Mathematics - I

Class: FE

Div: B

Name of Subject Teacher: Mr. Rahulkumar D Katkade

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSOI	PSO2	PSO3
CO-1	4-Analyze	2	1			N										
CO-2	4-Analyze	2	1													
СО-3	3-Apply	2	1													
CO-4	3-Apply	2	1													
CO-5	4-Analyze	2	1							4						
CO-6	3-Apply	2	1													
Average		2.00	1.00	1	1		-							-	-	
Rounded off		2	1													

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Subject leacher Mr. R D Katkade D.Y. Patil Sch

Dr. S.M.Khairnar

Empowerment Through Quality Technical Education Y. Patil School of Engineering

Website: https://dypecs.in/

Putil Knowledge City, Charbeli (8k), Lobegson, Pune - 412 105

First Year Engineering

onegaon

Dr. D. Dr. D. Y.

CO-PO-PSO Attainment

Form No. IQAC/36

Academic Year: 2019-20 subject: Engineering Mathematics - I

iame of S	ubject Teacher: Mr. P.D.Katkade	Biooms		Direct	Assessa	cut (Inter	nal) (30%	a .	Direc		nt (Extern sity Exam	=() (70%) 10	Direct Assessment (DA)		Axtentment	co																		lass: FE	Div; B	
		Тиховошу			t Test (%)			CA (0%)		et Result 60%)	PRA	OR/TW 10%)	Mapping of		IDA)	Attainment																				
CO Na.	Statement of COs		Summe tive Test	UTI	UT2	Mapping	CA	Mappia	% result of Seh.	Mappia	Result of PR/ OR/ TW	Mapping	Cl0% Internal tester 10% Continues Assessment e60% Univ result(1EI)+ 10% Univ oral result	Course Exit Survey	Mapping	Weightage 89% DA+ 20% IDA)	POJ AH	uin PO2	Attain most	POS	Attala PC	Alfain seed	POS Atta	in 1906 /	Attain y	O7 Attak	POS ^	ttain 100	Attain mont	POLE Atta	in POU S	itale (14)	12 Attains ment	SOI Attain meet	PS02 Attain	PSUJ Attai
CO-1	Mean value theorems and its generalizations leading to Taylors and Maclaurin's series useful in the analysis of engineering problems.	4-Analyze	GL SI			3.0	83.90	3	SI.33	2.0	100.00	3.0	2.40	73.33	3.0	2.52	2		1																	
CO-2	The Fourier series representation and harmonic analysis for design and analysis of periodic continuous and discrete systems.	4-Analyze		72.22		3.0	R3.96	,	54.37	70	100.00	34	24	72.22	30	2.52	2		1																	
CO-3	To deal with derivative of functions of several variables that are essential in various branches of Engineering.	3-Apply		66.67		3.0	83.90	,	5433	20	100.00	3.0	2.4	681.89	3.0	2.52	2	1	1																	
C0-1	To apply the concept of Jacobian to find partial derivative of implicit function and functional dependence. Use of partial derivatives in estimating error and approximation and finding extreme values of the function.	3-Apply			98.33	3.0	83.90	3	54.33	2.0	100.00	3.0	24	64.67	3.0	2.52	2		ı																	
CO-5	The essential tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, finding linear and orthogonal fears for marion.	4-Analyze			541.33	3.0	83.80	3	54,49	2.4	10-2.00	3.0	24	75.00	3.0	2.52	2	, 1																		
	Eigen values and Figen vectors applicable to engineering problems.	3-Apply			100,00	3.0	83,80	,	54.33	2.4	100.00	3.6	24	68 93	3.0	2.52	2	, 1	1																	
	Mapping Criterias →				Mari	cs >=-60:	Level	3	Marks	>=50: I	evel 2	N	farks >=40: Le	vel 1			Avg Attainmon of PO-1	of	PG-2	Attain of P	enced A	Avg. Stainment of PO-4	Avg. Attainment of PO-5	Attains of Po	mont .	Avg. Allai muond of PO-7	Attainer of PO	nord A	Avg. defendent of PO-9	Avg Attainment of PO-19		sent Avy	Attriement of PO-12	Avg. Attainment of PSO-1	Avg. Attainment of PSO-2	Avg. Attainment of PSO-3

First V Enn' Principal
Patil School of Pati

187





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of First Year Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.: 2019-20

Subject: Engineering Mathematics - II

Class: FE

Semester: II Div: C

Name of Subject Teacher: Mr. Rahulkumar D Katkade

CO No.	BT level	Students will be able to
CO-1	4-Analyze	The effective mathematical tools for solutions of first order differential equations.
CO-2	1 Z=L HIGGERSTARG	The model physical processes such as Newton's law of cooling, electrical circuit, rectilinear motion, mass spring systems, heat transfer etc
CO-3	3-Apply	Advanced integration techniques such as Reduction formulae, Beta functions, Gamma functions, Differentiation under integral sign and Error functions needed in evaluating multiple integrals and their applications.
CO-4	4-Analyze	To trace the curve for a given equation and measure arc length of various curves.
CO-5	4-Analyze	The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner.
CO-6	3-Apply	Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre erayity and Moment of inertia



In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Principal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Dr. S.M.Khairnar



Dr. D. Y. Patil School of Engineering

D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of First Year Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Dr.

Academic Year: 2019-20

Semester: II

Subject: Engineering Mathematics - II

Class: FE

Name of Subject Teacher: Mr. Rahulkumar D Katkade

Div: C

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POH	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	2	1													
CO-2	2- Understand	2	2													
CO-3	3-Apply	2	1													
CO-4	4-Analyze	2	1													
CO-5	4-Analyze	2	1													
CO-6	3-Apply	2	2													
Average		2.00	1.33							_						_
Rounded off		2	2													

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation



Subject teacher Mr/R/D Katkade

First Year Engineering

Dr. S.M.Khairnar

HoD



Empowement Through Quality Technical Education School of Engineering Charloff (Bk.), Lobegicon, Page - 412 105

Department of First Year Engineering

CO-PO-PSO Attainment

Dr. D. Y. Patil Dr. D. Y. Patil Knowledge City, Website: https://dypsocia/

Form No. IQAC/36

Academic Year: 2019-20 Subject: Engineering Mathematics - II

Name of S	ubject Teacher: Mr. R D Katkade						W-011								A	in the latest																		Class: FE	Div:	C
		Bleems Taxonomy			t Assent	ent (Inter	BART	CA		Univers	sity Exam		Direct Assessment (DA) Indirec	t Assessment (IDA)	CO Atralamen																				
					20%)			10%)		60%b)		(0%)	Mapping of			A STATE OF		談道		影響																
00 Na	Statement of COs		Somm ative Test	un	UT 2	Mapping	c.	Марріі	% result of Sub	Mapping	Result of PR/ OR/ TW	hispping	(20% Internal tests=10% Continues Assessment +60% Univ result(TII) + 10% Univ oral result	Survey	Mapping	Weighting (80% DA 20% IDA		Attain	PO2 Att	## P*	O3 Attain meast	POI Atta	ilis POS Atti	in PO6 ,	Arrai umen P	NO7 Attain theat	POS Ad m	taln rest	Attain meni	POIS Attu	aln PO11	<u> </u>	PO12 Attento	PSOI Assair	PSO2 Artic	nin PSOJ Ar
CO-1	The effective mathematical tools for solutions of first order differential equations.	4-Analyze	67,24			3.0	1536	3.	100,00	3.0	100,00	3.0	3.00	8631	3.0	3.00	2	2	La Cal													141				
CO-2	The model physical processes such as Newton's law of cooling, electrical circuit, rectilinear motion, mass spring systems, heat transfer etc	2-Understand		86.21		3.0	85.36	,	100.00	3.0	100,00	3.0	3.0	80.23	3.0	3.00	2	2	2 3																	
C0-3	Advanced integration techniques such as Reduction formulue, Beta functions, Gamma functions, Differentiation under integral sign and Error functions needed in evaluating multiple integrals and their applications.	3-Apply		72,41		3.0	8534	3	100.00	3.6	100.00	3.6	3.0	7684	3,0	3.00	2	2	1																	
CO4	To trace the curve for a given equation and measure are length of various curves.	4-Analyze			96.61	3.0	8536	3	100.00	3.0	100.00	3.0	1.0	72.41	3.0	3.00	2	2	1			ALEX S														
CO-5	The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner.	4-Analyze			96.61	3.0	85.36	3	100.00	3.0	100,000	3.0	3.0	65.88	3.0	3.00	2	2	1																	
C10-6	Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre of gravity and Moment of mertia.	3-Apply			96.61	3.0	85.36	3	100.00	3.0	100.00	3.0	3.8	8475	3.0	300	2	2	2	2												76				
	Mapping Criterias>				Mar	rks >=60	: Level	3	Marks	>=50: 1	evel 2	м	arks>=40: La	evel 1			Attai	vg inment PC-1	Avg. Attains of PO-2		Avg. Attainment of PO-3	Aug. Attaireaco		cut. Attainer	nent ,	Avg. Attainment of PO-7	Avg Attainme	ent Att	Avg.	Avg. Attains	ont Avg A	naireacet /	Avg Attainment	Avg. Attriumos of PSO-1		next Avg Attained 2 of PSO-3

First Year Engineering



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36

Academic Year.:2019-2020

Class: T.E.

Div:B

Semester:I

Subject: Computer Networks

CO No.	BT level	Students will be able to
CO-I	2-Understand	To understand the fundamental concepts of networking standards, protocols and technologies.
CO-2	4-Analyze	To learn different techniques for framing, error control, flow control and routing
CO-3	2-Understand	To learn role of protocols at various layers in the protocol stacks.
CO-4	2-Understand	To learn network programming.
CO-5	6-Create	To develop an understanding of modern network architectures from a design and performance perspective
CO-6	2-Understand	Recognize role of application layer with its protocols, client-server architectures

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after OYnPalexion of Unit"

COMPUTER

DEPARTMENT M

Principal

Y. PATIL

Dulan Prof. Amruta Chitari Subject teacher

Dr.Pankaj Agarkar HOD

neap of the Department

Dr. D. Y. Patil School of Engineering

Dr. D. Y Patil Technical kya DY Patil School of * Engineering, Lohegaon, Pune Lohegaon Charnoli Bk Pun.



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2019-2020

Semester: I

Subject: Computer Networks

Class: T.E.

Div:B

Name of Subject Teacher: Prof Prof Amento Chitori

PO CO	BTLEVEL	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	P()9	PO10	POII	PO12	PSO1	PSO2
CO-1	2-Understand	1 -	-	1	2	2	1	-	-	-	-	1	1	1	
CO-2	4-Analyze	.1	1	1	1	1	- :	1	-	-	1	-	-	1	
CO-3	2-Understand	1	1	1	1	1	-	1	-	-	1	Property and the second	-	1	
CO-4	2-Understand	3	1	2	1	2	-	-	-	-	-	-	1	1	
CO-5	6-Create	1	2	1	2	2	-	_	-	1		1	1	1	
CO-6	2-Understand	1	3	-	-	1	_	1	1	m/musecularimoscanica	I	-	-	1	
Average		1.33	1.60	1.20	1.40	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Rounded off		2	2	2	2	2	1	1	1	1	1	1	1	1	

(Strength of Correlation): 3-Strong, 2 Medium, 1-Weak, Keep Blank-if No Corellation

Prof. Amruta Chitari Subject teacher

COMPUTER GINE

repartment of Computer Engineering, Lohegaon, Pune

Dr. D. Y. Patil School of Engineering

Trincipal

Ajeenkya DY Patil School of Engineering

Engineering

Or. D Y Patil School of Engineering Dr. D Y Patil Technical Campus

Ma Longuagn Cha " Pune 10105

Principal

Justification for CO-PO Mapping.

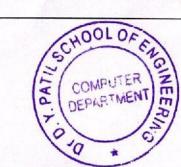
CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1	Slightly having the Knowledge of the fundamental concepts of computer networks and its application that helps in solving complex engineering problems
	PO3	1	Slightly the student using the knowledge of computer architecture concepts, we can design and develop solutions for complex engineering problems
34	PO4	2	Moderately having Knowledge of Computer network technologies can be used to conduct experiments in real life problems to provide valid conclusions
	PO5	ಇ	Strongly having the Knowledge of the fundamental concepts of Data Structures and its application that helps in solving complex engineering problems
CO-1	PO6	1	Slightly mapped as the students, can use different moderm tools to modeling to complex engineering activities with an understanding of the limitations.
	PO8	1	Slightly the students, can understand the ethical principals of the using computer network devices in the engineering practice
	PO11	1	Slight knowledge & understanding of the protocol can be applied in multidisciplinary environment
	PO12	1	Slightly having the understanding for the need of CN and have the preparation and ability to life-long learning in the broadest context of technological change
	PSO1		Slightly the student will study of fundamental concepts of OSI layer to analyse and develop algorithms and implement them usin high-level programming languages.
	PO1	3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture, IP & routing algorithm
	PO2	1	Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problems & solution to it
	PO3		Moderately having Knowledge of routimg algorithm can be used to conduct experiments in real life problems to provide valid conclusions
CO-2	PO4	1	Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions
CO-2	a DV F	1	Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the lightations.
	ohegaon.		COMPUTER DEPARTMENT Ajeenkya DY Patil School of

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

193

	P07	1	Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context.
	PO10	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer
A STATE	PSO1	1	Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
	PO1	3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture, IP & routing algorithm
	PO2	1	Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problems & solution to it
	PO3	2	Moderately having Knowledge of routing algorithm can be used to conduct experiments in real life problems to provide valid conclusions
	PO4	1	Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions
CO-3	PO5	1	Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations.
	PO7	1	Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context.
	PO10	1	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge of Computer network data link layer
	PSO1	1	Slightly the student will study of fundamental concepts of Error control to analyse and implement them efficient design of computer-based systems of varying.
	PO1	3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture, IP & routing algorithm
	PO3	2	Moderately having Knowledge of routing algorithm can be used to conduct experiments in real life problems to provide valid conclusions
	PO4	1	Slightly having Knowledge students can apply the concept of IP and routing algorithm in networking applications.
CO-4	PO5	2	Slightly the students will study different tools used for routing to complex engineering activities can be used to conduct experiments in real life problems to provide valid conclusions
	PO12	1	Slightly the student will become aware of the need for subnetting and the continued upgrading of technical knowledge of IP addressing





	PSO1	1	Slightly the student will have ability to understand, analyze and develop subnetting in the area of computer network for efficient design of computer-based systems of varying.
	PSO2	1	Slightly student Knowledge of routing concepts contribute skills in computing and knowledge
	PO2	3	Strongly having the Knowledge of the fundamental concepts of transport layer services that helps in solving complex engineering problems.
	PO3	1	Slightly the student having the Knowledge of client-server can design, develop, implement solutions for complex engineering problems.
	PO4	2	Moderately the knowledge of various tool of client -server architecture will help student to design
CO-5	PO5	1	Slightly the students will study different tools used to implement Client Server application using socke
	PO12	1	Moderately the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge in socket programming
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of TCF in the area of computer network for efficient design.
	PSO2	1	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering
	PO1	1	Slightly mapped as students will be able to understand the principles of the application layer protocol
-	PO2	3	Strongly mapped as students will be able identify working principles of application layer protocols HTT
	PO5	1	Slightly the students will study different tools used to in application layer
	P07	1	Slightly the students will study different students will student student student can understand the use of application layer tool in the societal and environment
CO-6	PO8	1	Di Olessional etimes and tell and
	PSO1	1	Tine area of computer network for emolecularity
	PSO2	2	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering
4.5	A SHEET AND A		



Willan Prof. Amruta Chitari Subject teacher



Principal

Principal

Principal

Ajeenkya DY Patil School of

Ajeenkya DY Patil School of

Principal

Ajeenkya DY Patil School of

Ajeenkya DY Patil Sch

195



Empowerment Through Quality Technical Education Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lobegaon, Pune – 412 105

Website https://dypsoe.in/ Department of Computer Engineering

Academic Year: 2019-2020

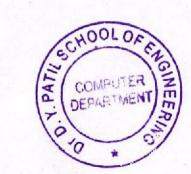
Subject:Computer Networks
Name of Subject Teacher:of.Amruta Chitari

Fam No 1QAD36

		Electric Testames		De	FEET Assess	unem (Inter	wily 30 %		Die	est Assessme University	ent (Enten		Direct Assessment (DA	Indirect	Assessment	CO Attainant												1					SEN!					1		
		1771120		Peter Ye	rsi 24	0.00	200	des)		ert Result (6%)		(19%)	Mapping of (201)											36									B							
O Na	Materical of COs		in	1112	Ande	» Mappis	g CA	Mappa	% result of Sub.	it Mappir	% Rec	OK Mappe	Centinosa.		Mapping	Weight agr (SITS DA- 20% (DA)	935	Attain	102	Utain ment	1933	ein Po	Main	PDS	Attain	P04	eq Part	Attain	POS AF	ces ac	Actain ment	POLE	Malin 311	OIE And	PO11	AFFER	PSOI An	print prop	Amain	P\$63
00-1	To understand the fundamental concepts of perseaking standards, proceeds and trebackeyies.	Odistransi	79.17			3,0	.78.1	6 3	94 16	3.0	100)	3.0	3,00	90.17	3.0	3.00	ı	1			1	.2	2	2	2	1 1								1 1	1	1	1			
CO-2	To learn different techniques for framing, cerve control. Some conduct and mosting	4-Jeulyze	79.17			3.0	78.1	6 3	94.16	3.0	100.0	3.0	3.0	93.59	3.0	3.00	1	1	1	ı	1	1	ı		1		ı	ſ				1	1				1			
cos	To learn twice of protocois at various layers in the protocol oliacks.	2-Understand		75.00		3.0	78.1	6 3	94.16	3.0	100)	3.0	3.0	92.74	3.0	. 3.00	1	1	1	1	1 1	1	1	1	1			1				1	1				1			
co.	To keen network programming.	50 wile stand		81.94		3.0	78.1	6 3	94.16	3.0	100.0	3.0	3.0	85.47	3.0	3.00	3	3	,	1	2 2	1	1	2	2			7							1	1	1 1			
CO-5	To develop an understanding of modern network architectures from a design und performance perspective	n-Create			80.5	6 3.0	78.1	6 3	94.16	3.0	100.0	3.0	3.0	88.46	3.0	3.00	1	1	2	2.	1 1	2	2	2	2			i		1	1			1 1	1	1	t i			
CO 6	Recognize ride of application layer with its post-scals, client-server architectures	2 Understand			81.9	4 3,0	78.10	6 3	94.16	3.0	100.1	00 3,0	3.0	91.03	3.0	3.00	1	1	3	3				1	1				1								1 1			
	Mapping Criterias>				100000		-				182-900						Ang Ar	Pt.1-F	Avg Attion	2	Arg. Attenment of PC-3	AR of	Arg. statent (PI)-4 T-40	Ng , Wa of P.	2.5	Arg Alterney of PDA	Affini of 1	nrer NILS	Ang. Attainment of 190-2	0	£ 1939	of POs	10 .	g Attarnment of PO-11	101.7	V3-17	Asy Attainment of PAIN	100	cuireneni PSO-2	







nead of the Department repartment of Computer Engineering Dr. D. Y Patil School of Engineering Dr. D. Y Patil Technical Campus

Ala Lonegauri Charholl 8k Pune 412105

Principal

Serusteri







Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36

Semester: II

Academic Year.:2019-20

Subject:Systems Programming and Operating System(SP & OS)

Class: TE

Div: B

Name of Subject Teacher: Prof. Pallavi Shimpi

	BT level	Students will be able to
CO-1		To understand basics of System Programming
CO-2	2-Understand	To learn and understand data structures used in design of system software.
CO-3	2-Understand	To learn and understand basics of compilers and tools.
CO-4	2-Understand	To understand functions of operating system.
CO-5	2-Understand	To learn and understand process, resource and memory management.
CO-6	3-Apply	Demonstrate memory organization and memory management policies

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after

completion of Unit"

DY Quill School of School

Prof. Pallavi shimpi Subject Teacher COMPUTER DEPARTMENT OF ONE PARTMENT OF ONE PAR

Dr. Pankaj Agarkar

Principal

read or the Department Ajeenkya DY Patil School of repartment of Computer Engineering, Lohegaon, Pune

Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Ala Lohegaon Changli Sk. Pune 412105



Academic Year: 2019-20

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Semester: II

Subject:Systems Programming and Operating System(SP & OS)

Class:TE

Div: B

Name of Subject Teacher: Prof. Pallavi Shimpi

Name of St	ibject reacher. The					in a constant	Line de la companya	No.					1000000			
PO CO	BT LEVEL	POI	PO2	РО3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	2-Understand	2	2	2	1									3		
CO-2	2-Understand	2	2	1	2	. ,								· 2	2	1
CO-3	2-Understand	2	2	1	1					5,1				1		
CO-4	2-Understand	2	1	2	1								1	2	1	
	2-Understand	2	2	1	2								1	2	1	
CO-5				2	1								1 .	1		
CO-6	3-Apply	2.00	1.67	1.50		_	-	32			-		1.00	1.83	1.33	1.00
Average Rounded		2.00	2	2	2								1	2	2	1

(Strength of Correlation). 3 Strong, 2 Medium, 1-Weak, Keep Blank-if No Corellation

Prof. Pallavi shimpi Subject Teacher



Principal Ajeenkya DY Patil School of rread of the Death amengineering, Lohegaon, Punc

repartment of Computer Engineering Dr D Y Patil School of Engineering

Or D. Y Patil Technical Campus

Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1 7 1	Moderately having the knowledge of engineering fundamentals, and an engineering specialization for analyzing System Software and its functionality
	PO2		Students can moderately able to analyze System Software by recognizing the need for, and have the preparation and ability to engage in independent and life-long learning
CO-1	PO3	2	Students can moderately able to Design solutions for complex system software and design system components or processes
	PO4	1	Slightly the student able to understand, analyze and develop system software, web design.
	PSO1	3	Students can strongly able to analyze System Software by recognizing the need for developing computer programs.
	PO1	2	Moderately having the Knowledge of the fundamental concepts of IData Structures that helps in solving complex engineering problems.
	PO2	2	Moderately the student will know Principles of mathematics and engineering sciences are used in Design & Implement various System Software.
	PO3		Slightly the student using the knowledge of system software, we can design and implement solutions for problems in operating system.
CO-2	PO4	2	Moderately having Knowledge of analysis and interpretation of data to implement various software system.
	PSO1	2	Moderately the student will understand the algorithms for design and implement various system software.
	PSO2	2	Moderately the student can deliver good quality software by using various algorithms.
	PSO3	1	Slightly the student using the platform to build their carrier path to become entreprenuer.





	PO1	2	Moderately having the Knowledge of the different Loading Scheme and analyze the performance of linker an loade
	PO2	2	Moderately the student will Identify, formulate concept of loader and linker using various methods.
CO-3	PO3	1	Slightly the student using the knowledge of different types of linker and loader, we can design and develop solutions for complex engineering problems related to loader and linker.
	PO4	1	Slightly having Knowledge of performance of different types of loader.
	PSO1	1	students Slightly able to compare different algorithms related to system software.
	PO1	2	Moderately Implement process scheduling algorithm that helps in solving complex engineering problems related to operating system.
	PO2	1	Slightly the student will Identify the optimized methods for process scheduling.
	PO3	2	Moderately design and implement algorithms for processes scheduling ,Design solutions for complex scheduling problems.
CO-4	PO4	1	Slightly having Knowledge of design of scheduling experiments, analysis processes in operating system, and synthesis of the information to provide valid conclusions.
	PO12	1	Slightly the student will Recognize the need for scheduling in operating system.
	PSO1	2	Moderately design and implement algorithms needed to analyze the complex problems.
	PSO2	1	Slightly the student will Recognize the strategies & algorithms to find efficiency in operating system.





	PO1	2	Moderately naving the Knowledge of the fundamental concepts of deadlock and concurrency issues that helps in solving complex problems.
	PO2	2	Moderately the student will analyze possible ways that generate the dealock situation in operating system.
	PO3	1	Slightly having the Knowledge to design different deadlock prevention , recovery methods.
CO-5	PO4	2	Moderately having the Knowledge analysis and implement of different deadlock prevention methods, and synthesis of the information to provide efficient results.
	PO12	1	Slightly the student will Recognize the need of deadlock , deadlock prevention , recovery methods.
	PSO1	2	Moderately the student will identifyt possible mechanism to deal with dealock situation in operating system.
	PSO2	1.,	Slightly the student will apply the practices and strategies to remove the deadlock problems.
	PO1	2	Moderately having the fundmental concept to Demonstrate memory organization and memory management policies.
	PO2	1	Slightly the student will analyze complex engineering problems in memory Management in OS.
	PO3	2	Moderately Design solutions for complex Memory management policies.
CO-6	PO4	1	Slightly the student will implement methods including design of different memory management algorithms ,analyze complex engineering problems in memory Management in OS.
	PO12	1	Slightly the student will recognize the need for memory management techniques in OS.
	PSO1	1	Slightly the student will analyze & demonstrate different memory management algorithms.

Prof. Pallavi shimpi Subject Teacher

A Aileanign A Aile

COMPUTER DEPARTMENT Principal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Dr. Pankaj Agarkar HOD

read of the Department repartment of Computer Engineering Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Technical Campus Via Lohedaon Charnoli Bk. Pune. 412105



powerment Through Quality Technical Education
Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge City,
Charholi (Bk), Lohegaon, Pune – 412 105
Website: https://dysec.ir/
Department of Computer Engineering

Academic Year: 2019-20

Subject: Systems Programming and Operating

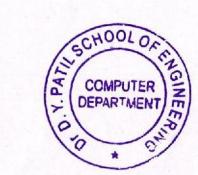
System(SP & OS)

Name of Subject Teacher: Prof.Pallavi Shimpi

		Binana Taxonyan		100	Direct 2	Assessment	(Beternal)	(3-9%)		D	rrd Assess Unive	om (Extern	0 (78%)	Direct	Indirect	Ameninen	co		514	T									Fall								Closs L1	T	Dod	
		Laxoniany		Unit Tes	4	74.5	(20%)		CA (10%)		ect Result		OR/TW (IPS)	100000	100	DAS	Attainment								ART.				10	100						18				
00 Na	Materian of CDs		Section action for the second	121	112		Mappie	or CA	Mappi	of Sub	Mappin	% Hessit		Mapping of (20% Internal Sedio 10%, Continuos Assessment +80% Univ result (11)+14% Univ and result	Course Exil Survey	Mapping	Weightings (1995-19A) 2095-19A)	POL	Alfain devad	Prio A	Halm pro	35 Afrada Buent	901	Aftain med	FQS Arts	in (Os	Assid Bourse 1	Of Attainment		Altaka pu	yo Atta	in PG/6	Attain nest	POH M	ela PO	Arrain ment	PSOT A	Pain 1%	Altai erre	in 19903
coı	To understand basics of System Programming	3-kinderstand	KANA				3.0	77,7	, ,	94,79	3.0	100.001	3.0	3.00	83.33	3.0	3.00	3	2	2	2 2	2	1	1													3	3		
CD-2	Yo fearn and understand data structures used in design of coston software.	Sillindentiand		80.77			3.0	77,71	, ,	94.79	3.0	100,00	3.6	3.0	95.24	3,0	3 00	2	2	2	ž 1	1	1,	2			nd .										2	2 2	2	i
03	To learn and anderstand basics of compilers and tonis.	2-Understand			SR 46	6	3.0	77,70	3	54,79	3.0	100.00	3.0	3.0	#K.td	3.0	3.00	2	2	2	2 1	1	1															1		
C0-1	To understand functions of squaring system.	3-Understans			83.33		3,0	77,74	,	94.79	3.6	100.00	3.0	3,6	95.24	3.0	3.00	2	2	ı	1 2	2	1												ī	1	2	2 1	1	
cos	To learn and understand process, resource and methody management.	24 Indeptend				84.6	3.0	22.70	1	94.70	3.0	100,00	3.0	3.0	95.24	3.0	3.00	2	2	2	2 ,	,	3	2										1	1	1	2	2 1	1	
00-6	Demonstrate memory organization and monosy management policies	3-Apply				88,44	3.0	77.70	3	94,79	3.0	100,00	3,0	3.0	90.48	3.0	3.00	2	2	1	1 2	2		1												,	3	î		
	Mapping Criterias>			_	,	Mark	s >>60:	Level 3	N	farks >==	50: Level	12	Marks≻	40: Level 1	1			Avg An		of FO.	nices An	Aug minuses C PCs 3	Ang Atturne of PC	Did. All	a Attenues of PO-5	Action of P	ettent /	Avg. Harrword of PO-2	Ang Attains of PO	non A	Arg telement of PCM	Avg A	Baicasca /	of PO-11	1	Attensions PO-12 1:00	Any Attenue of PSO	1 2	Attenuer PSO-2	Arg An

Prof. Paravi shimpi Subject Teacher





repartment of Computer Engineering

Dr. D. Y. Patil School of Engineering

Dr. D. Y Pani Technical Campus Jia Lonegson Chamui Sk Pune 412105

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Semesterill



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Exit Survey [Indirect Assesment]

Form No. IQAC/36

Academic Year: 2019-20

Semester: II

Subject: Machine Learning

Class: M.E

Name of Subject Teacher: Prof. Sunil D. Rathod

Roll No.	Name of student	COL	00.0	00.4			The same of
1	Mr. Sitnashu Kumar	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6
		3	3	3	3	3	3
	Ms. Ashwini Ghanwat	3	3	3	3	3	2
3	Mr. Prashant Kamble	3	3	3	3	3	3
						3	3
	0/						
	%	0.00	0.00	0.00	0.00	0.00	0.00
	Course Outcome>	COI	CO2	CO3	CO4	CO5	CO6





(8)

Principal Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

> Signature Subject Teacher Mrs. Anite Mahajan

> > Patil School or

Computer

HOD
Computer Engineering
Ajeenkya DY Patil School of Engineering
Lohegaon, Pune

B



	Clem	ev Distribus			į.											Dr. D Dr. Charbol	. Y. Patil Se D. Y. Patil i (Bk), Loh Website: htt	thool of E Knowledgeon, Pur transformer	go City,											Y.			
0.		CO No.	CO Attainment	POI	Attainme	PO1	Attaloment	POJ	Attalone	РОЧ	Arrainme nt	POS	Attainme et	P06	Attalament	1000	\rtainment		Attaloment	Tolling I	Attainment	PO10	Attalnement	POH	Attainment	P012	Attainment	PSOL	Attalament	PSO1	Attalnment	PSOT	
		CO-1	2.40	3.00	3 01	3.00	3.00	3.00	3.00			200	2.00	2.00	2.00			3000						43.75									Attaile
1		CO-3	2.40	3.00	3.00	3.00	5.00	3.00	3.00			3.00	3.00	3.60	3.00		i de la composición dela composición de la composición dela composición de la compos				Company of				26/200								
	M.E.	co-s	2.40	3.00	3.00	3.61	3.00	3.93	3.00		12.77	3.00	3.01	3.00	3.00		Sted o																
	factile •	∞4	2.40	3,00	3.00	3.00	3.00	3.00	8.00			3.00	3.00	7.00	3.00	100																	
	-	CO-5	2 40	3,00	3.00	3.00	3.60	3.00	3.00			3.00	3.00	3.00	3.00			CATAL.													Alax III		
1	1	CO4	2.40	3,00	3.00	3.00	3.00	3.00	3.00	1000		1.03	1.00	1.00	1.00																		
				of	Dainment PO-1 000	Avg. Ana	amort of PO-2	of	PO-3	Avg. Alla of Po		Avg Are	irinment O-5	Avg AL	Manager Co.	Avg. Alt			Rainment PO-8		Attributent PO-9		Itainment PC-10		ttainment PO-11		tlainment NO-12	Aug. All			Mainment P50-2	Avg.	Attainment PSO-3



O Engineering Engineering

Signature
Head of Department
Dr. Pinkij Agerkor

Computer Engineering
Aleenkya DY Futil School of Engineering
Lohegaon, Pune



"Empowerment through quality technical education" AJEENKYA D Y PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E&TC Engineering

Mapping of CO-PO through activities

Name of Subject Teacher: Prof. Swati Khawate

AY: 2019-20

Semester: I

Subject: RMT

Class: BE

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3		1			2	3				1	2
CO2	3	2				1	2		\$1			1
CO3	3	3	1	2				\$3				
CO4	3	2	2		1	1	2					1
CO5	2											2
CO6	3		2	1		1	1					1

Note: List of activities to carried out to map the PO's

Sr. No.	Activity	PO	Justification
1	Video lecture on Radiation and Microwave Theory	PO-8, PO-9	Activity based mapping

Prof. Swati Khawate

Subject Teacher

Dr. S. M.Koli

HoD

Department of EATC Engg.

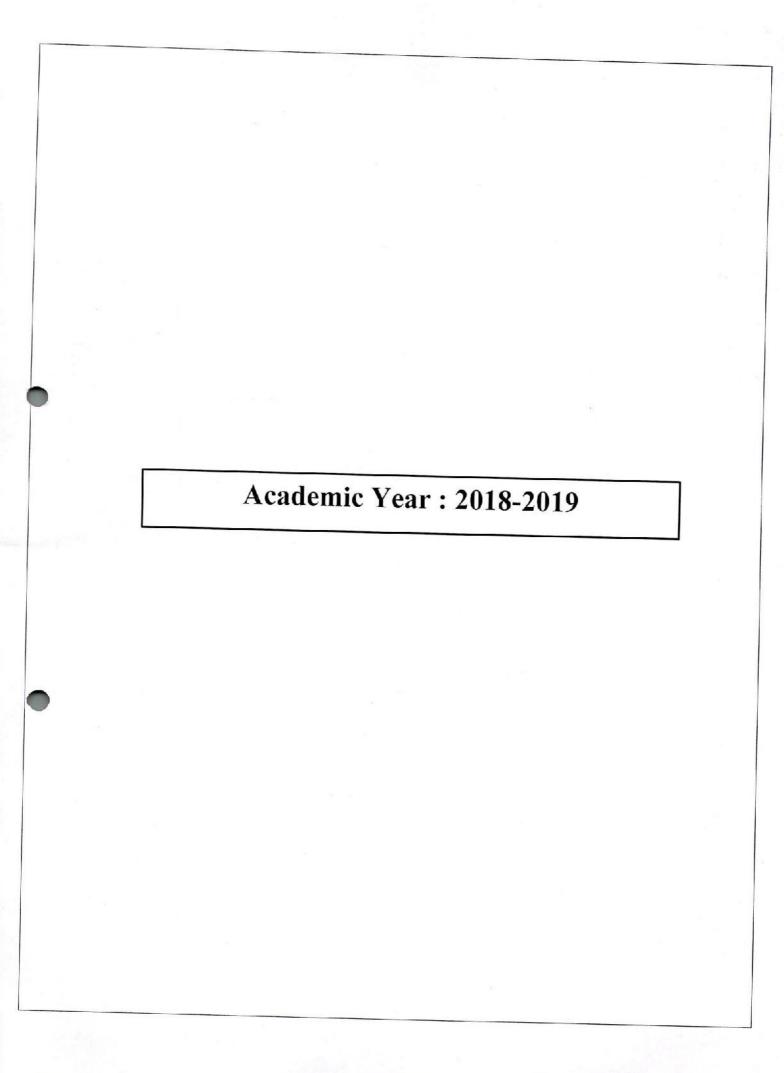
Dr. D. Y. Patil School of Engg.

Charholl (Bk), Via Longaon, Pune

Dept. Of E&TC

Bringing







Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of First Year Engineering

Course Outcomes (COs):

Form No. IQAC/36 Semester: I

Academic Year.: 2018-19

Subject: Engineering Mathematics - I

Class: FE

Div: E

Name of Subject Teacher: Mr. Rahulkumar D Katkade

CO No.	BT level	Students will be able to
CO-1	4-Analyze	Mean value theorems and its generalizations leading to Taylors and Maclaurin's series useful in the analysis of engineering problems.
CO-2	4-Analyze	The Fourier series representation and harmonic analysis for design and analysis of periodic continuous and discrete systems.
CO-3	3-Apply	To deal with derivative of functions of several variables that are essential in various branches of Engineering.
CO-4	3-Apply	To apply the concept of Jacobian to find partial derivative of implicit function and functional dependence. Use of partial derivatives in estimating error and approximation and finding extreme values of the function
CO-5	4-Analyze	The essential tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, finding linear and orthogonal transformation.
CO-6	3-Apply	Eigen values and Eigen vectors applicable to engineering problems.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Mr D Katkade

иов ородо Principal Ajeenkya DY Patil School of

S.M.Khairnar

HoD

Engineering, Lohegaon, Pune



Dr. D. Y. Patil School of Engineering

Dr. D.

Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department

of First Year Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2018-19

Subject: Engineering Mathematics - I

Semester: I Class: FE

Div: E

Name of Subject Teacher: Mr. Rahulkumar D Katkade

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	2	1													
CO-2	4-Analyze	2	1													
CO-3	3-Apply	2	1													
СО-4	3-Apply	2	1													
CO-5	4-Analyze	2	1				i ine									
CO-6	3-Apply	2	1													
Average		2.00	1.00	A1-34			1 -	40-F					1	14	-	1
Rounded off		2	1													

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Subject teacher Mr. R D Katkade Ajeenkya DY Patil School of

M.Khaimar



Empowerment Through Quality Technical Education School of Engineering Charloti (8k), Lobeston, Press - 412 105

Department of First Year Hegiscoring

Dr. D. Y. Patil Dr. D. Y. Patil Knowledge City Website: https://dypace.in/

Semester: I

Form No. IQAC/36 CO-PO-PSO Attainment

Academic Year: 2018-19

Subject: Engineering Mathematics - 1

		Blooms Taxenomy		Direct	Assesse	n (Inters	al) (30%	•	Direc		nt (Ente	ermai) (70% anas	Mreet Assessment (DA		d Assessment (IDA)	CO Attalumen																					
		Taxenomy		Unio C24	Test 8%)		ď	CA: 0%)		eet Result 60%)		R/OR/TW (10%)	Mapping of																								
CO Na	Statement of COs		Summ selve Test	un	UT2	Mapping	CA	Mappin	% result of Sub		Residence of Proof	R/ Mapp	(20% Internal tests+10% Continous	Course Exit Survey	Mapping	Weightage (90% DA: 20% EDA;		Altrin ment	PO2	Accalin menc	POS Arrain.	POA AR	caln POS	S Actain ment	POS ATT	1607	Attein y	Attain ment	POS An	POI	• Artein	PO11 Acc	es 2	12 Attain enest	PSO4 Attain	PSO2 Atta	in PSO3 Arr
	The effective no themselical tools for solutions of first order differential equations.	4-Analyze	73.68			3.0	7736	3	57.17	2,0	100	.00 3.0	2.40	70.24	3.0	2.52	2	2	1	11.																	
CO-2	The model physical processes such as Newton's law of cooling, electrical circuit, rectiliseur motion, mass spring system, heat transfer etc	2-Understand		84.91		3.6	77.36	3	57.17	2.0	100	.00		71.45	3.0	2.52	2	2	2	2																	
co3	Advanced integration techniques such as Reduction farmulae, Beta functions, Gamma functions, Differentiation under integral sign and Error functions needed in evaluating multiple integrals and their applications.	3-Apply		62.26		30	17.36	,	57.17	7 2.0	100	a.s. 00.	ы	70.91	3.6	2.52	2	2	1	1																	
HENCHER	To trace the curve for a given equation and measure are length of various curves.	4-Analyze			96.43	3.0	77.36	3	57.17	7 2.4	103	3.0	2.4	66.67	3.0	2.52	2	2	1	1		100															
50000000	The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner.	4-Aralyza			87.50	3.0	77.34	3	\$7,11	7 2.0	100	1.00 3.4	24	76.K	10	2.52	2	2	ı	1																	
CO-6	Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre of gravity and Moment of mertia.	3-Apply			104.40	3.0	77.36	,	57.1	7 2.0	100	.00 3.0	2.4	76.75	30	2.52	. 2	2	,	2																	
	Mapping Criterias ->	7			Mar	ks >=60	: Level	3	Mark	s>=50:	Level	2	Marks >=40: I	Level I			Attu	lvg. inment PO-1	Avg. At		Avg. Attainment of PO-3	Alg. Attained of POs	cot Ave	Attainment C PO-5	Attainment of PO-6	at Attain		Avg. Attainment of PO-8	Attainm of PO	ced Avg.	Attainment PO-10	Avg. Attain of PO-1		Attachment of PO-12	Avg Attainment of PSO-1	Avg. Attains of PSO:	acet Avg. Attains 2 of PSO-

First Er 010 ×





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36 Semester: I

Academic Year.:2018-2019

Class: TE

Div: A

Subject: Computer Network

Name of Subject Teachers Don't Amounts Chitami

CO No.	BT level	Students will be able to
CO-1	4-Analyze	Analyze the requirements for a given organizational structure to select the most appropriate networking architecture, topologies, transmission mediums, and technologies
CO-2	3-Apply	Demonstrate design issues, flow control and error control
CO-3	4-Analyze	Analyze data flow between TCP/IP model using Application, Transport and Network Layer Protocols.
CO-4	2-Understand	Illustrate applications of Computer Network capabilities, selection and usage for various sectors of user community.
CO-5	1 /=1 111/16/19/19/11/1	Illustrate Client-Server architectures and prototypes by the means of correct standards and technology.
CO-6	3-Apply	Demonstrate different routing and switching algorithms

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after

COMPUTER

DEPARTMENT

completion of Unit"

Prof. Amruta Chitari Subject teacher

Principal

HOD

nead of the Department repartment of Computer Engineering Or D Y Patil School of Engineering

En inventor, i chegach from 46 Lonedach Chamoli Bk Pune 412105



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2018-19

Subject: Computer Netwrok

Name of Subject Teacher: Prof. Amruta Chitari

Semester: I

Class:TE

Div: A

PO BT LEVEL PO1 PO3 PO4 PO6 P(1)2 PO5 PO7 P()8 PO10 PSO1 PSO2 PS03 PO9 POL P(0) CO CO-1 4-Analyze 1 2 3 1 1 1 1 1 1 CO-2 3-Apply 1 1 1 1 CO-3 4-Analyze 3 2 1 2 1 1 1 CO-4 2 1 2 1 1 1 1 Understand CO-5 3 2 1 Understand CO-6 3-Apply 2 1 1 1 1 1 1 2.00 1.50 1.50 1.40 1.60 1.00 1.00 Average 1.00 1.00 1.00 1.00 1.00 1.00 1.33 Rounde 2 2 2 2 1 1 1 1 1 1 1 2 1 d off

> (Strength of Correlation): 3-Strong 7-Medium, 1-Weak, Keep Blank-if No Corellation PATITION

GINE

DEPARTMENT

Prof. Amruta Chitari Subject teacher

who

Principal

Ajeenkya DY Patil School of

Dr. Soumitra Das

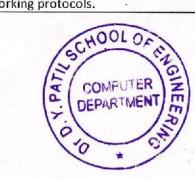
nead of the Department repartment of Computer Engineering Dr D Y Patil School of Engineering Or D y Patil Technical Campus Engineering, Lohegaon, Pune Alexandra Campus

Justification for CO-PO Mapping.

CO No.	PO/PSO Mapped	Level	Justification of Mapping
	PO1	1	Slightly having the Knowledge of the fundamental concepts of computer networks and its application that helps in solving complex engineering problems
	PO3	1	Slightly the student using the knowledge of computer architecture concepts, we can design and develop solutions for complex engineering problems
	PO4	2	Moderately having Knowledge of Computer network technologies can be used to conduct experiments in real life problems to provide valid conclusions
	PO5	3	Strongly having the Knowledge of the fundamental concepts of Data Structures and its application that helps in solving complex engineering problems
CO-1	PO6	1	Slightly mapped as the students, can use different moderm tools to modeling to complex engineering activities with an understanding of the limitations.
	PO8	1	Slightly the students, can understand the ethical principals of the using computer network devices in the engineering practice
	PO11	1	Slight knowledge & understanding of the protocol can be applied in multidisciplinary environment
	PO12		Slightly having the understanding for the need of CN and have the preparation and ability to life-long learning in the broadest context of technological change
	PSO1		Slightly the student will study of fundamental concepts of OSI layer to analyse and develop algorithms and implement them using high-level programming languages.
	PO2		Students having marginal Knowledge of the datalink layer that helps in identifying complex engineering problems & solution to it
	PO4		Slightly having Knowledge of flow control in data link layer can be used to conduct experiments in real life problems to provide valid conclusions
CO-2	PO5		Slightly the students having the knowledge about WAN conectivity & Ethernet standard to analyze complex engineering activities with an understanding of the limitations.
20-2	P07	1	Slightly the student can understand the use of MAC sublayer ,flow control & error control in the societal and environment context.
N Patil S	PO10	-	Slightly the student will become aware of the need for lifelong learning and the continued upgrading of technical Ool knowledge of Computer network data link layer
One Bon	SO1	1	Slightly the student will study of fundamental concepts of Error control to analyse and implement them officient pure design of computer-based systems of varying.

	PO1	3	Strongly the student will know Principles of mathematics and engineering sciences are used in various aspects of router architecture , IP & routing algorithm
	PO3	2	Moderately having Knowledge of routimg algorithm can be used to conduct experiments in real life problems to provide valid conclusions
	PO4	1	Slightly having Knowledge students can apply the concept of IP and routing algorithm in networking applications.
CO-3	PO5	2	Slightly the students will study different tools used for routing to complex engineering activities can be used to conduct experiments in real life problems to provide valid conclusions
	PO12	1	Slightly the student will become aware of the need for subnetting and the continued upgrading of technical knowledge of IP addressing
	PSO1	1	Slightly the student will have ability to understand, analyze and develop subnetting in the area of computer network for efficient design of computer-based systems of varying.
	PSO2	1	Slightly student Knowledge of routing concepts contribute skills in computing and knowledge engineering domain
	PO2	3	Strongly having the Knowledge of the fundamental concepts of transport layer services that helps in solving complex engineering problems.
	PO3	1	Slightly the student having the Knowledge of client-server can design , develop, implement solutions for complex engineering problems.
	PO4	2	Moderately the knowledge of various tool of client -server architecture will help student to design and conduct experiments to provide valid conclusions
CO-4	PO5	1	Slightly the students will study different tools used to implement Client Server application using socket
	PO12	1	Moderately the student will become aware of the need for lifelong learning and the continued upgrading of technical knowledge in socket programming
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of TCP in the area of computer network for efficient design .
	PSO2	. 1	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering domain of services of TCP & UDP in networking protocols.



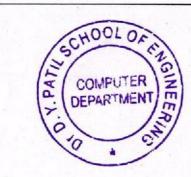


	PO1	1	Slightly mapped as students will be able to understand the principles of the application layer protocol HTTP,FTP,SMTP & DNS
	PO2	3	Strongly mapped as students will be able identify working principles of application layer protocols HTTP, FTP, SMTP, DNS
	PO5	1	Slightly the students will study different tools used to in application layer
CO-5	PO7	1	Slightly the student can understand the use of application layer tool in the societal and environment context.
	PO8	1	Slightly the students will apply secure application protocol to ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
	PSO1	1	Slightly the student will have ability to understand, analyze and develop protocol of Application layer in the area of computer network for efficient design.
	PSO2	2	Slightly student Knowledge of concepts contribute skills in computing and knowledge engineering ,principles of application layer protocols fro developing networking applications.
	PO1	1	Slightly student will be able to compare study of different cryptography algorithms that helps in involves solving complex engineering problems
	PO3	2	Moderately having Knowledge , students can identify the elments of Network security that can be used to conduct
	PO4	1	Sligtly mappecd as the students can apply the concepts of cryptography in learning advance Network security concepts can be used to design & conduct experiment to provide conclusion.
	PO6	1	Slightly student having knowledge of Security in Network, Transport and Application can be used to find solutions to common social problems
CO-6	PO9	1	Weakly Expertise in basics of information security , which will enable the student to become a productive member of a design team
	PO11	1	Slight knowledge & understanding of the concepts crytographics & Authentication algorithm for real time application so that it can be applied in multidisciplinary environment
	PO12	1	Weakly the student will become aware of the need of network security , & having knowledge for lifelong learning and the continued upgrading of technical knowledge
	PSO1	1	Weakly students learns various approaches and acquire skills to design, analyse and implement data Network Security tools.

(A)

Prof. Amruta Chitari Subject teacher





Dr.Soumitra Das

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

nead of the Department

Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Technical Campus

Ale Congruence Chamber St. Pune. 412105



Empowerment Through Quality Technical Education
Dr. D. Y. Pattl School of Engineering
Dr. D. Y. Pattl Knowledge City. Charboli (Bk), Lohegaen, Pune - 412 105 Website: https://dypaoe.in/ Department of Computer Engineering

Form No. IQAC/36

CO-PO-PSO Attaiement

of Se	imputer Networks ubject Teacher:Prof Amruta Chitari	Olivons	U	erct Av	sevenent (be	terral) 3	_		Direct A	meerd	External) Exams PROB	MIN	Vertical Court	Indirect Av	N)	CO AMMARIE						1000		Altain		Alta	dn ro	Atta	d ro	Artain ment	ren	Attain	1-(1/7	Attain ment	еня	ment.	PO11	Attain	PORT	Altoin	eson	Attace	psot	Attach men.	P50
	Statement of COs	Teseast	train train	T	jete vsira Maj	point	CA S		(60)		Kewar of PR ! OR ! TW	Маррея	Mapping of G0% Internal Enternal Continues Assessment context Univ result(FII)+ 10% Univ oral result	Survey	Noppins	Weighting general 2004 (D.		All sinds	POS	Altuin	ras	Allain					3				1	1					1	1	1			1			
1	and the second	A.85	10000	-			4.63	0	57.14	2.0	94 20	3.0	2.10	\$7.5d	3.0	2.29	1	1			1	+	2	+ .	+	+	i	+	+	1			1		ī	1			1	-	+		+		+
1	makes the requirements for a given organizational tructure to select the most appropriate of working architecture, topologies, transmission	4 Analyze	60.04	-	150		4.63	0	57.14	2.0	94 20	3.0	2.1	100.00	3,0	2.23			+'	1		+					2	1	1		1		1				1	1		-		1		+	
	Semonstrate design owner. Boar control and crime	Tridge	96,67			3.0	4.63	0	57 14	2.0	94 20	3.0	2.1	100.00	3.0	2.2	4 3	,		1	1		+		+		i														•	1		+	1
	Analyze data from between TCP/IF model using Application. I rampost and Network Layer Protocols.	4-/mslyse	9	2.86	-	3.0			57.1	2.0	94 2	3.0	2.1	100.00	3.0	22	S		2	2	1		4	2	2	-	+			+	+	1	1	+	1							1		2	2
	Protection. Historiate applications of Computer Network capabilities, selection and usage for various sectors of once community.	2 Cudoren	nd S	6.43		3.6	4.63		+	-	+	0 3.0	2.1	100.9	3.0	2	28	1		, 3				1		1	-			+	1			1	T				1	1	1	1	1		
4	Mastrice Client-Server architectures and postory is by the means of correct standards and	2. Chierds	nd		88.52	3.0	4.63	0	57.1			+		100.0	0 3.0	, 2	28	1	,			2	2	1	1			1						ide			800				- Control	Avg	exert A	og Anso	mort
	technology. Demonstrate different routing and so ich ag algorithms.	2.5404			100.00	3.0	4.63	0	57.1	4 2.0	94	20 3.	2.1	1905			3	Avg. Attaine	ner#	Avg. Attained	iont	Avg. Attainm of PC	2000	Attains	ment		rg. mnent PO-5	of 1	mocni	Assen	ment O-7	Anoine of PC	sent s.R	ASSESSED ASSESSED ASSESSED	-9	or PO-	-10	of PO-		of PO		of P3	(3-1	of PSC	(Pa

Y DE, CO, THE CO. DEPARTMENT

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

nead of the Department Dr. D. Y. Patil School of Engineering Dr. D. Y Paril Tachnical Campus No Lohogaon Chamoli & Pune 412105

216



Subject: Computer Networks

CO-PO-PSO Attainment

Empowerment Through Coulds Technical Education Dr. D.Y. Unit School of Engineering Dr. D.Y. Unit School of Engineering Charlests (Ed., 1) decignon. Proc. 412 (125 Website Edge, 2) depreceding Department of Computer Engineering

Form No. 1QAC/36

arm of	Subject Teacher: Prof Ameuta Chitari																																		and the same of	Ches: 11	12	MV:A	
		Héseme Transmitte		Direct	Assessment	net (lokera	al) 30%				sity Exam	•	Direct Assessment (DA)		Assessment III:Ab	CO			1				İ																
		1.000		Init Test	20%			CX may		ert Result (0%)		ORLA,	Mapping of (20%)	1000					27	100	Beck					- U						6							
O Ne	statement of COs		Cit	112	Anten	Mapping	CA	Mapping	% revali at Sub.	Mapping	Result of PH/ OR/ TW	Mapping	Jaiernal tests 10%, Centinous Assessment +66% Usin modiffHjs 10% Universit creats	Count Eul Surrey	Mapping	Weighting (80% DA 20% DA		official (14	Article ment	100	A Mades Biggs!	*** **	tea PO	d Attain ment	1936 As	# (997	Altara ment	POS Ame	in 1109	Amain ment	POIE	Artain print	Ola Allai	POLZ	Attain Escrit	PSOI ARM	P1603 A	Artsein (19	Oa Are
CO-1	Analyze the requirements for a given organizational structure to select the most appropriate networking architecture, impologies, transmission	4 Analyze	60,00			3.0	4.65	0	57.14	2.0	94 20	3.0	2.10	87.50	3.0	2.28	1	1		1	ı.	2	2 3	3	1			1 1					1 1	1	1	i i			
CO-2	Demonstrate design issues, flow control and error control	k typiy	96.67	la g		3.0	4,63	0	57.14	2.0	94 20	3.0	2.1	100.00	3.0	2.28			1			1	1 1			1	1				1	1				1 1			
603	Analyze data flow hetween TCP/IP model using Application, Transport and Network Layer Protocols.	4-Analyse		12.86		3.0	4,63	0	57.14	2.0	94 20	3.0	2.1	100,00	3.0	2.28	3	1		2	2	•	1 2	2										-1	1	1 1	1	1	
CO-4	Illustrate applications of Computer Network capabilities, selection and issage for various sectors of user community.	24 indentised		96,43		3.0	4.63	0	57.14	2.0	94 20	3.0	2.1	100.00	3.0	2.28			2	1	1	2	2 1											1	1	1 1	1	1	
CO-5	Illustrate Client-Server architectures and prototypes by the means of correct standards and occussiony.	2-Understand			88.52	3.0	4.63	0	57 14	2.0	94 20	3.0	2,1	100,00	3.0	2.28		1 3	3				1			1	1	1 1								1 1	2	2	
CO 6	Demonstrate different routing and switching algorithms	N. Apply		1	00.00	3.0	4,63	0	57.14	2,0	94 20	3.0	2.1	100,00	3.6	2.28	1	,		2	2	1	1		1				1	j			1 1	1	1	1 1			
	Mapping Criterias ->											Tanana a					Avg. Attainm of PO	nent A	Avg. trainment	A Anni	nment .	Avg. Attained	ent Att	Avg. ainment PO-5	Avg. Attainment of PO-	of Attack	numerat PO-7	Arg. Attainment of PD-8	Atta	Avg.	Are Atta		g Attantes of PO-11		namera PO-12	Arg. Attacoment of PSO-1	Aug. Attail		g Attainme of PSO-3
	A second							3			9						1.50		2.00		56	1,40		1.60	1.00		00	1.00		1.00	1.0		1.60	S. Della		1.00	E 100 E 33		CONTRACT.

SCHOOL OF COMPUTER DEPARTMENT ON THE Pread of the Department
Department of Computer Engineering
Dr D V Patil School of Engineering
Dr D V Patil School of Engineering
Dr D V Patil School of Engineering No Lakeston John 3x Pune 412105





Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune $-412\,\,105$

Website: https://dypsoe.in/

Department of First Year Engineering

Course Outcomes (COs): Form No. IQAC/36 Academic Year.: 2018-19 Semester: II Subject: Engineering Mathematics - II Class: FE Div: E Name of Subject Teacher: Mr. Rahulkumar D Katkade CO No. BT level Students will be able to CO-1 The effective mathematical tools for solutions of first order differential equations. 4-Analyze The model physical processes such as Newton's law of cooling, electrical circuit, rectilinear motion, mass spring CO-2 2-Understand systems, heat transfer etc Advanced integration techniques such as Reduction formulae, Beta functions, Gamma functions, Differentiation under CO-3 3-Apply integral sign and Error functions needed in evaluating multiple integrals and their applications. CO-4 To trace the curve for a given equation and measure arc length of various curves. 4-Analyze CO-5 The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner. 4-Analyze Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre of CO-6 3-Apply gravity and Moment of inertia.

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after completion of Unit"

Patil S

Subject teacher Mr. R.D Katkade

Principal
Albenkya DY Patil School of
Engineering, Lohegaon, Pune

Dr. S.M.Khairnar



Dr. D. Y. Patil School of Engineering

Dr. D.

Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412 105

Website: https://dypsoe.in/

Department

of First Year Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2018-19

Semester: II

Subject: Engineering Mathematics - II

Class: FE

Div: E

Name of Subject Teacher: Mr. Rahulkumar D Katkade

PO CO	BT LEVEL	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	4-Analyze	2	1													
CO-2	2- Understand	2	2													
CO-3	3-Apply	2	1													
CO-4	4-Analyze	2	1													
CO-5	4-Analyze	2	1													
CO-6	3-Apply	2	2													
Average		2.00	1.33	4				-	-	-	-	J10	10	-		-
Rounded off		2	2													

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation

Subject teacher Mr. Katkade Patil Schoo

HoD

Dr. S.M.Khairnar

Principal Principal Ajeenkya DY Patil School of Lohegaon, Pune



Empowerment Through Quality Technical Education School of Engineering Charloti (3tk), Lobegson, Punc - 412 105

Department of First Year Engineering

Dr. D. Y. Patil Knowledge City Website: https://dypace.in/

CO-PO-PSO Attainment Ferm No. IQAC/36

Academic Year: 2018-19 Subject: Engineering Mathematics - 1

	unject reaction: Mr. Ramasumar Katasoc	Bleems		Direct	Assessme	ent (Teller	nal) (36%		Direc	Assessmen Univers	sity Exam	8	Direct Assessment (DA)		Assessment	CO Attelamone																				Class			
					t Test (%)			CA (0%)	Subje ()	ect Result 60%)		OR/TW 10%)	Mapping of																										
CO Na	Statement of COs		Samm wive Test	UTI	UT2	Mapping	. сл	Mappin	% result of Sub		Result of PR/OR/TW	Mapping	(20% Internal tests+10% Continues Assessment +60% Univ result(TE)+10% Univ or al result	Course Exit Survey	Mapping	Weightage (89% DA+ 20% IDA)	10000	Attel	PO2	Attain ment	POS	Actain specif	PO4 Ans	eio POS	Accado ment	Of me	PO7 AI	realn jet	Attalia Jisent	POP A	rcain ja Agent	Ole Attal	ic POII	Attalu ment	NO12 Attab	in 1901	Actain	PSO2 Atta	nia psos A
CO-1	Mean value theorems and its generalizations leading to Taylors and Maclaurin's series useful in the analysis of engineering problems.	4 Analyzo	62.50			2.0	76,50	,	3433	2.0	100.00	3,0	2.40	70.83	3.0	2.52	2	2	1	1																			
CO-2	The Fourier series representation and harmonic analysis for design and analysis of periodic conducous and discrete systems.	4-Analyzo		83.93		3.0	76.50	3	54.35	2.0	100.00	3.0	2.4	70.R3	3.0	2.52	2	2	1	1																			
соз	To deal with derivative of functions of several variables that are essential in various branches of Engineering.	2-Apply		73.21		3.0	76.50	,	54.35	2.0	100.00	1.0	2.4	70.83	3.0	2.52	2	2	1	1																			
C04	To apply the concept of Jacobian to find partial derivative of implicit function and functional dependence. Use of partial derivatives in estimating error and approximation and finding extreme values of the function	3-Apply			92.86	3.0	76.50	,	54,35	24	100.00	3.0	24	72.02	3.0	2.52	2	2	1																				
CO-5	The essential tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, fusing linear and orthogonal transformation.	4-Amiyas			82.14	3.0	76.50	,	54.35	2.0	100.00	3.0	2.4	23.81	3.4	2.52	2	2	1	-																			
MINES.	Figen values and Eigen vectors applicable to engineering problems.	3-Архіў			98,31	30	76.50	3	54,35	2.0	100.00	3.0	24	70.24	3.0	2.52	2	2	1			1				420													
	Mapping Criterias>				Mar	ks >=60	: Level	3	Marks	>=50: I	evel 2	N	darks>=40: Le	vel I			Atta	lvg. inment PO-1	of	PO-2	Attai	ovg. inneed PO-3	Aug. Attained of PO-4			Avg. Attainment of PO-6	Avg. Attained of PO	ont A	Avg. Itainment of PO-8	Avg. Attainm of PO	ent Av	g. Attainme of PO-16		Attainment A PO-11	Avg. Attainme of PO-12	OM. Atta	Avg. simont PSO-1	Avg Attains of PSO-2	nont Avg. Attai 2 of PS

First Year Engineering

Principal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune

Empowerment Through Quality Technical Education
Dr. D. Y. Intil School of Engineering.
Dr. D. Y. Patil Knowledge City. Charbol (88), Loheguon, Pane – 412 105
Website: https://dxp.com/
Department of First Year Engineering Form No. IQAC/36

Sr. O	Class Div) & Subject	CO No.	CO Attalamen	POI	Attainn	e PO2	Attainm	PO3	Attainme nt	PO4	Attainme nt	POS Atta	inme nt	PO6 Attainme	P07	Attainme nt	POS	Attainme nt	P09	Attainme nt	POIG	Attainme nt	POH	Attainme of	PO12	Attainme nt	PSO1	Attainme nt	PSO2	Attainme nt	PSO3 Attainme
		CO-1	2.52	2.00	2.00	1.00	1.00	O THE SHARE		NE DECEMBER	STREET STREET	The second	1000	HERS 2822		14 (5 15 (5 15 15 15 15 15 15 15 15 15 15 15 15 15	CHEST SERVICE		SKENBHOKE	I THE MESER	M 60 10 10	404000404	1010 6210				MINISTER .			0.000	
		CO-2	2.52	2.00	2.00	1.00	1.00	of the State of		通過差据			Still a link	Control of the second	安全工程	12 5 11 11	191999				3216 3745		30 10 10 151		FIFTH HOES	1-3-1-3-2		TENES.			
		CD-3	2.52	2.00	2.00	1.00	1.00	E late that				SECTION OF	CICHT HONE		Admir Vine	2000000	181813000	化批准和特别		L District Market	2000000000	是持续性性和	31404040	an armining	TO SERVED S	3502.75.55					
		CO-4	2.52	2.00	2.00	1.00	1.00			10020128080		(性能能能) 推註	Hitta 23				NO SECURE	THE RESERVE	SCHOOL	10000	180/05/40/10:	10,10,10,10,10,10	10180958		WHILE DE	CHOICH S	FEEDBARDS.			FIRST CONTRACT	
1 1	FE (E)	CO-5	2.52	2.00	2.00	1.00	1 00	SPECIAL PROPERTY.		THE PROPERTY OF	BEST 10/85			的的 自然 机中型剂	10 HE 12 HR	0.000	MARKET BOTH	Million III.	AL ENGE		753334830	1400918501	SPATISH	desada	# 1048-153	2006.00.00					
155		CO-6	2.52	2.00	2.00	1.00	1 00			HUMBER	THEFA	6部多层积40年的	推翻 物		自由共和国	OF THE REAL PROPERTY.	10000000000000000000000000000000000000	HIL HUIDES	0.000	15000	ENDSEMBLE:	(INCOME NO	数世界等	PARTICULAR SERVICE	214 4	130 H 30 40 4	Aug At	amment	Asm Al	tainment	Avg. Attainment
			et izanie.		Attainment of PO-1		Attainment f PO-2		PO-3		ttainment PO-4	Avg. Attainm of PO-5	tent /	Avg. Attainment of PO-6		PO-7	Avg. A	PO-8		PO-9		ttairment PO-10		ttainment 10-11		tainment O-12		SO-1		SO-2	of PSO-3
				Skubin-	2.00		1.00			190000000000000000000000000000000000000		CALL STATE			THE SAME		Remine.	Parallel I		NOT SELECT	THE STREET		12 DE 23	明日本第2条	07/18/19/19	SESTEMBER 1	THE REAL PROPERTY.		S1820 20	The state of the s	The transfer of the second second

Signature First

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

Dr. S.M.Khaimar



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Academic Year.:2018-2019
Subject: SPOS

Class: TE

Div: A

CO No.	BT level	Students will be able to
CO-1	4-Analyze	Analyze and synthesize system software
CO-2	2-Understand	Learn And understand tools like LEX & YACC.
CO-3	3-Apply	Implement operating system functions.
CQ-4	2-Understand	To understand functions of operating system.
CO-5	2-Understand	To learn and understand process, resource and memory management.
CO-6	3-Apply	Demonstrate memory organization and memory management policies

In case if the syllabus dosen't contain 6 COs, the teacher can define CO. The CO must highlight "What the student will be able to do after

completion of Unit"

Prof. Amruta Chitari Subject Teacher



Dr.Pankaj Agarkar

HOD

mead of the Department
repartment of Computer Engineering
Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Technical Campus
Ala Luneuaon Chamoli 8k Pune. 412105



Academic Year: 2018-19

Subject: SPOS

Empowerment Through Quality Technical Education

Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36 Semester: II

Class:TE

Div: A

Name of Subject Teacher: Prof. Amruta Chitari

	Subject Tea	cner: 1	Prol. A	mruta	Chitari								CIU33	. 1 13	DIV:	1
PO CO	BT LEVEI	PO	PO	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POI	PO12	PSO	PSO	2 PSO:
CO-1	4-Analyze	2	2	2	1	g my g										
CO-2	2- Understand	2	2	1	2									2	2.	1 .
CO-3	3-Apply	2	2	1	1											
CO-4	2- Understand	2	1	2	1								1	2		
CO-5	2- Understand	2	2	1	. 2								1	2	1	
CO-6	3-Apply	2	1	2	1										1	
Average		2.00	1.67	1.50	1.33								1	1		1
ounde off		2	2	2	2				- -		-		1.00	1.83	1.33	1.00

(Strength of Correlation) 3-Stoons, 2-Medium, 1-Weak, Keep Blank-if No Corellation

1 Principal
Ajcentya DY Patil School of Engineering, Lohegaon, Pune

Prof. Amruta Chitari Subject Teacher



Dr.Pankaj Agarkar HOD

CO No.	PO/PSO	Level	Justification of Mapping
	PO1	2	Moderately having the knowledge of engineering fundamentals, and an engineering specialization for analyzing System Software and its functionality
	PO2	2	Students can moderately able to analyze System Software by recognizing the need for, and have the preparation and ability to engage in independent and life-long learning
CO-1	PO3	2	Students can moderately able to Design solutions for complex system software and design system components or processes
	PO4	1	Slightly the student able to understand, analyze and develop system software, web design.
	PSO1	3	Students can strongly able to analyze System Software by recognizing the need for developing computer programs.
	PO1	2	Moderately having the Knowledge of the fundamental concepts of IData Structures that helps in solving complex engineering problems.
	PO2	2	Moderately the student will know Principles of mathematics and engineering sciences are used in Design & Implement various System Software.
	РО3	1	Slightly the student using the knowledge of system software, we can design and implement solutions for problems in operating system.
CO-2	PO4	2	Moderately having Knowledge of analysis and interpretation of data to implement various software system.
	PSO1	2	Moderately the student will understand the algorithms for design and implement various system software.
	PSO2	2	Moderately the student can deliver good quality software by using various algorithms.
	PSO3	1	Slightly the student using the platform to build their carrier path to become entreprenuer.
	PO1	2	Moderately having the Knowledge of the different Loading Scheme and analyze the performance of linker and loade
	PO2	2	Moderately the student will Identify, formulate concept of loader and linker using various methods.
CO-3	РО3 .	1	Slightly the student using the knowledge of different topes of linker and loader, we can design and develop solutions for complex engineering problems, related to loader and linker.
13	PO4	1	Slightly having Knowledge of performance of differently pes of loader.



Principal

Principal
Ajeenkya DY Patii School of
Engineering, Lohegaon, Pune

	PSO1	1	students Slightly able to compare different algorithms related to system software.
	PO1	2	Moderately Implement process scheduling algorithm that helps in solving complex engineering problems related to operating system.
	PO2	1	Slightly the student will Identify the optimized methods for process scheduling.
	РОЗ	2	Moderately design and implement algorithms for processes scheduling ,Design solutions for complex scheduling problems.
CO-4	PO4	1	Slightly having Knowledge of design of scheduling experiments, analysis processes in operating system, and synthesis of the information to provide valid conclusions.
	PO12	1	Slightly the student will Recognize the need for scheduling in operating system.
	PSO1	2	Moderately design and implement algorithms needed to analyze the complex problems.
	PSO2	1	Slightly the student will Recognize the strategies & algorithms to find efficiency in operating system.
	PO1	2	Moderately having the Knowledge of the fundamental concepts of deadlock and concurrency issues that help in solving complex problems.
	PO2	2	Moderately the student will analyze possible ways that generate the dealock situation in operating system.
	PO3	1	Slightly having the Knowledge to design different deadlock prevention , recovery methods.
CO-5	PO4	2	Moderately having the Knowledge analysis and implement of different deadlock prevention methods, and synthesis of the information to provide efficient results.
	PO12	1	Slightly the student will Recognize the need of deadlock , deadlock prevention , recovery methods.
	PSO1	2	Moderately the student will identifyt possible mechanism to deal with dealock situation in operating system.
	PSO2	1	Slightly the student will apply the practices and strategies to remove the deadlock problems.

A

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune

4111	PO1	2	Moderately having the fundmental concept to Demonstrate memory organization and memory management policies.
	PO2	1	Slightly the student will analyze complex engineering problems in memory Management in OS.
	PO3	2	Moderately Design solutions for complex Memory management policies.
CO-6	PO4	1	Slightly the student will implement methods including design of different memory management algorithms , analyze complex engineering problems in memory Management in OS.
	PO12	1	Slightly the student will recognize the need for memory management techniques in OS.
	PSO1	1	Slightly the student will analyze & demonstrate different memory management algorithms.

Prof. Amruta Chitari Subject Teacher



Dr.Pankaj Agarkar HOD

pepartment of Computer Engineering
Dr. D. Y Patil School of Engineering
Dr. D. Y Patil Technical Campus
As Lonegaon Chamoli Bk Pune 412105

(8)





Empowerment Through Quality Technical Education Dr. D. Y. Patil School of Engineering Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/ Department of Computer Engineering

CO-PG-PSO Attainment Form No. IQACG6

Academic Year: 2018-19
Subject-SPOS

Subject-SPOS

lame	of Subject Teacher:Prof Amruta C	Henn		Direc	Assessm	ent (linter	or ot the			Assessment :			Direct Assessment (DA)	Indirect	Anneument	(0		MI														47				Cia	s:TE		Div:A	
		Taxasane		Unit Ces	20	×	(16	5A 9%)	Sulijes	t Result	LEGOL	RTW	Mapping of		0.4)	Misiano																								
O No.	Statement of COs		ın	vi:	Avagn	Mapping	CA	Manufag	% result of Nata		% Result ef PR/OR/TW	Mapping	G9% Internal tests+19% Contineus Assessment +60% Univ result(TII)+ 18% Univ oral result	Course Esit Survey	Mapping	Weightage (83% BA4 20% H3A)		Allain mert		etrales ment	PT 25 AUG	in 1-()	Attalo ment	1406 Att		Attai	POT Au	1 00	Attain	grow A	Attalo pr	Attain nent	1015 A	Milain 140	Acta men	in PSO	Attain Disus	PS(22 At w	Main went	250)
(O-I	Analyze and synthesize system on finance	+ Analysis	77.42			3.0	3,73	0	82.4	3.0	91.7	3.0	2.70	87.50	3.0	2.76	2	2	2	2	2 2		ı											ķ.		3	3			
(0.2	Learn And understand (only like LEX & YACC)	5-Understand	96.67			3.0	3.73	Ü	82.4	3.0	91.7	3.0	2.7	100.00	3.0	2.76	2	1.2	2	2	1	2	2									1,				2	2	2	2	1
(0)	Implement operating system functions.	3-Арро		93,22		3.0	3,73	0	82.4	3.0	91.7	3.0	2.7	100.00	3.0	2.76	2	2	2	2	1	1	•													1	-1			
00-4	To understand functions of operating system.	2-Under-and		96.61		3.0	3.73	0	82.4	3.0	91.7	3.0	2.7	100.00	3,0	2.76	2	2	1	1	2 2	1	1												1 1	2	2	1	1	
TO-5	To learn and understand process, resource and memory management.	3.t intercent			FREE	3.0	3.73	0	82.4	3.0	91.7	3.0	2.7	100:00	3.0	2.76	2	2	2	2	1	2	2												1	2	2	1	1	
CO-6	Demonstrate memory negonization and memory management policies	£Jyph			uma	3.0	3.73	0	82.4	3.0	91.7	3.0	27	100.00	3.0	2.76	2	2	1	1	2	ı	1													T T	1			
	Mapping Criterias ->																Are At		Avg. Age	resort	Arg Attention of PO-3	Att	Avg. inmort (N)-4	Avg Attacen	ort And	Aug inment 193-6	Alig Albummer of PD-7	# Al	Avg. Lineart CPOS	Attains of Pa	AL Bene	g. Altainmont of PO-14	Avg Action		g. Attainme of PO-12	est Am	log onnen PSO-1	Aig Atten	0.2	ug J





Principal
Ajeenkya DY Patil School of Patil Sc

read of the Department
repartment of Computer Engineering
Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Technical Campus
Ala Lonegaon Chamoli Bk. Pune. 412105



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoe.in/

Department of Computer Engineering

Course Outcomes (COs):

Form No. IQAC/36

Semester: II

Class: M.E.

Subject: Machine Learning

Academic Year.: 2018-19

Name of Subject Teacher: Dr. Pankai Agarkan

CO No.	BT level	Students will be able to	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CO-1	2-Understand	Understand various Machine Learning Concepts.	
CO-2	3-Apply	Analyze and Apply Learning Theory.	
CO-3	3-Apply	Analyze and Apply Geometric Models.	
CO-4	3-Apply	Analyze and Apply Logical, Grouping And Grading Models.	
CO-5	3-Apply	Analyze and Apply Probabilistic Models.	
CO-6	1-Remember	Case Studies on Advanced Machine Learning Techniques	

Subject Teacher Dr. Pankaj Agarkar



Sporg

Principal

readead of Department Ajeenkya DY Patil School of repartment Per Soumbiller Engineering, Lohegaon, Pune

Or D Y Patil Technical Carreus

ia Lohegaon Charnoli Bk Pline 412106



Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105 Website: https://dypsoc.in/

Department of Computer Engineering

CO-PO-PSO Mapping

Form No. IQAC/36

Academic Year: 2018-19

Semester: II

Subject: Machine Learning

Class: M.E.

Name of Subject Teacher: Dr. Pankaj Agarkar

PO CO	BT LEVEL	PO1	PO2	РО3	PO4	PO5	P06	PO7	PO8	PO9	PO10	POH	PO12	PSO1	PSO2	PSO3
CO-1	2-Understand	3	3	3		2	2									學者有
CO-2	3-Apply	3	3	3		3	3				181					
CO-3	3-Apply	3	3	3		3	3									
CO-4	3-Apply	3	3	3		3	3				12.7			IBITC. V		118.12.12.2.18.0.19.0.1
CO-5	3-Apply	3	3	3		3	3									
CO-6	1-Remember	3	3	3		1	1	1.2			12.5					
Average	To the second second second second second second second second second second second second second second second	3.00	3.00	2 00	SHEAT ARA	2.50	2.50	0.00	3020.00.0	AUCE IN	1111111111111111	A CONTRACTOR OF THE PARTY OF TH	AR A S			

(Strength of Correlation): 3-Strong, 2-Medium, 1-Weak, Keep Blank-if No Corellation



Rounded off

Signature Subject Teacher Dr. Pankaj Agarka:



Signature

Head of Department riead; Obitine: Department

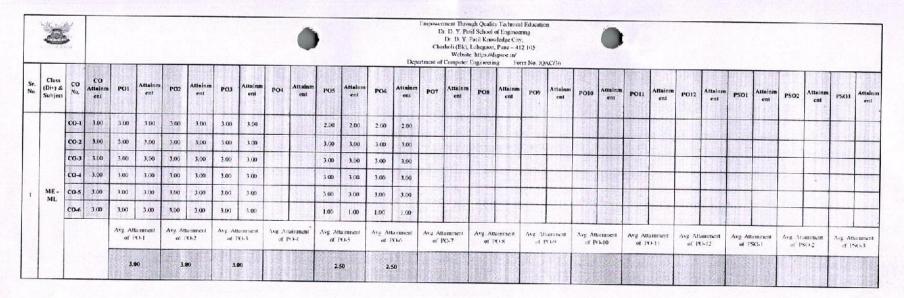
Pepartment of Computer Engineering

Or D Y Patil School of Engineering

Or D Y Patil Technical Carrous

As Loneuson Change Shi Pune 112105





Signature Subject Teacher Dr. Pankai Agarkai

Signature Head of Department Dr. Soumitra Das



Day

read of the Department.
Pepartment of Computer Engineering
Or. 1. Y Patil School of Engineering
Or D Y Patil Technical Carrious
Pla Longuagn Chamon Sk Pune 412105





Dr. D. Y. Patil Group of Institutions' Technical Campus Dr. D. Y. PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E& TC Engineering

Form No. IQAC/23 (f)

Mapping of CO-PO through activities

Name of Subject Teacher: Dr. Sanjay Koli

Academic year: 2021-22

Semester: I

Subject : DIVP

Class: BE

Div : ---

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	2	2			1				1		
CO 2	3	2	2	1		1						1
CO 3	3	2	1	2	1	1						1
CO 4	3	2	2		1	1	2		-	House		1
CO 5	2	3	3		-							
CO 6	3		2	2 .		1.					:	

Note - List of activities carried out to map PO's

Sr. No .	Activity	PO	Justification		
01	Webinar on current trends in IP	08 & 09	Activity based Mapping		

Subject Teacher

HOD





Dr. D. Y. Patil Group of Institutions' Technical Campus Dr. D. Y. PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E& TC Engineering

Form No. IQAC/23 (f)

Date: 25/09/2021

Event Notice

Academic Year: 2021-22

Semester-I

Name of the event :- National Webinar on "Current Trends in Image Processing"

Date of the event : 26 Sept. 2021

Time: 1.00 p.m. Onward

Venue

: Virtual Platform

All the students of BE E&TC Engineering are hereby informed to attend National Webinar on "Current Trends in Image Processing" on 26 sept. 2021 during the lecture slot. This webinar will help you to understand the current trends and Professional Skills & Ethics in the field of image processing.

Name and Sign of Coordinator:Dr. Sanjay Koli

Bro.

HoD: Dr. S. M. Koli

(B)





Dr. D. Y. Patil Group of Institutions' Technical Campus Dr. D. Y. PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105.

Department of E& TC Engineering

Form No. IQAC/23 (f)

Date: 27/09/2021

Event Report

Academic Year: 2021-22

Semester-I

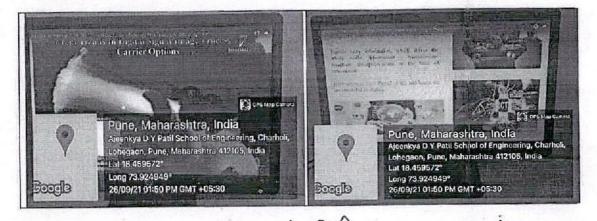
Name of the event: National Webinar on "Current Trends in Image Processing"

Date and Time	26 th September 2021, 1.00 p.m.
Event Venue	Online MS Team Platform
Organized by	Dr. Sanjay Koli
Targeted Audience	All BE students of E&TC, DYPSOE
Resource Person	Dr. Basavraj Jagdale

Event Contents:

 Introduction of Image processing, 2. Medical image processing, 3. Research on Thoracic Insufficiency Syndrome, 4. Carrier Opportunities in image processing

This webinar was shown to BE E&TC students during lecture to get the knowledge about current Trends in Image Processing and Career, Options. This webinar was given by Dr Basavraj Jagdale and he has covered all above points. Total 43 students have attended the webinar. Photos:



Name and Sign of Coordinator: Dr. S. M. Koli

Departmental Event Coordinator: Prof. Prajakta Khairnar

HoD: Dr. S. M. Koli







Dr. D. Y. Patil Group of Institutions' Technical Campus

Dr. D. Y. PATIL SCHOOL OF ENGINEERING

Dr. D. Y. Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune - 412105. Department of Civil Engineering

Mapping of CO-PO through activities

Name of Subject Teacher: Prof. Jitender Dalvi

Academic year: 2018-19 Semester: I

Subject: Strength of Material

Class: SE

Div: A

CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	2	1	2	2	1	1	1	1	1	1	1	1
CO 2	3	2	2	2	1	1	0	0	1	1	1	0
CO 3	3	2	2	2	1	1	0	0	1	1	1	0
CO 4	3	2	2	1	1	1	0	0	1	1	1	0
CO 5	3	1	2	2	1	1	0	0	1	1	1	0
CO 6	2	1	2	2	1	1	0	0	1	1	1	1

Sr. No .	Activity	PO	Justification Environment and sustainability Ethics Life-long learning		
01	Guest lecture on Environment and sustainability	07			
02	Guest lecture on ethics	08			
03	Guest lecture on life-long learning	12			
04	Guest lecture on Individual and team work	Od Patil Scho	Individual and team work		

Subject Teache

Fincipal Aleenkya DY Patil School of Engineering, Lohegaon, Pune GINEERING

H.O.D.

Department of Civil Engineering Dr. D. Y. Patil School of Engg. Lohegaon