



H.J.THIM TRUST'S
THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
SE-AUTO (2020-21)

W.E.F. 07/09/2020

DAY	09.00-10.00 a.m	10.00 a.m-11.00 a.m	11.00-12.00 p.m	12.00-01.00 p.m
MON	M&M	SOM	EM-III	
TUE	TD	SOM	PP	
WED	SOM	M&M	PP	CAMD (P)
THUS	PP	TD	EM-III	M&T (P)
FRI	TD	EM-III	M&M	

SUB	THEORY
EM-III	Prof. Sajid Shaikh
PP	Prof. Shafiq Shaikh
SOM	Prof. Mustaque Mohammad
TD	Prof. Md Sami Malik
M&M	Prof. Tejas Thakur
M&T (P)	Prof. Tejas Thakur
CAMD (P)	Prof. Mustaque Mohammad

Time-Table Incharge

Prof. Md Sami Malik

HOD

Prof. Wasim Khan :
Dept. of Automobile Engg.
Theem College of Engineering, Boisar 401 501

Principal

Dr. Shah Aqueel Ahmed

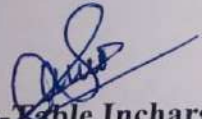



H.J.THIM TRUST'S
THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
TE-AUTO (2020-21)


W.E.F. 07/09/2020

DAY	09.00-10.00 a.m	10.00 a.m-11.00 a.m	11.00-12.00 p.m	12.00-01.00 p.m	01.00-02.00 p.m
MON	ICE	AS	MMC	PTD	
TUE	ICE	MMC	BCE	HT	ICE (P)
WED	HT	AS	BCE	PTD	HT (P)
THUS	ICE	MMC	BCE	AS (P)	
FRI	AS	HT	PTD	MMC (P)	

SUB	THEORY
PTD	Prof. Mohammad Raees
ICE (T&P)	Prof. Mustaque Mohammad
HT (T&P)	Prof. Md Sami Malik
AS (T&P)	Prof. Irshad Shaikh
MMC (T&P)	Prof. Tejas Thakur
BCE	Prof. Krishna Sonawane


Time-Table Incharge
Prof. Md Sami Malik


HOD
Prof. Wasim Khan
Head of Department
Dept. of Automobile Engg.
Theem College of Engineering, Boisar 401 501


Principal
Dr. Shah Aqueel Ahmed

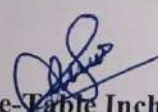



THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
BE-AUTO (2020-21)


W.E.F. 07/09/2020

DAY	09.00-10.00 a.m	10.00 a.m-11.00 a.m	11.00-12.00 p.m	12.00-01.00 p.m
MON	CAD/CAM/CAE	AD	ELECTIVE	AD(P)
TUE	CAD/CAM/CAE	DM	AT	CAD/CAM/CAE (P)
WED	AD	DM	CAD/CAM/CAE	AT (P)
THUS	AT	DM	ELECTIVE	
FRI	ELECTIVE	AD	AT	

SUB	THEORY
CAD/CAM/ CAE (T&P)	Prof. Wasim Khan
AD (T&P)	Prof. Shafiq Shaikh
ELECTIVE	Prof. Mohammad Raees
AT	Prof. Wasim Khan
DM	Prof. Shafiq Shaikh


Time-Table Incharge
Prof. Md Sami Malik


HOD
Prof. Wasim Khan
Head of Department
Dept. of Automobile Engg.
Theem College of Engineering, Darsar 401 500


Principal
Dr. Shah Aqueel Ahmed



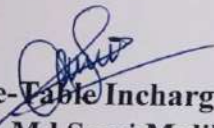
H.J. THIM TRUST'S
THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
SE-AUTO (2020-21)


CLASS NO. A-311

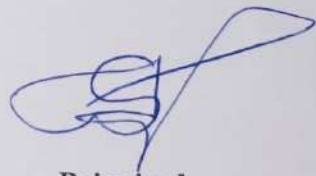
W.E.F.01/02/2021

DAY	10.00-10.50 am	11.0-11.50 am	12.00-12.50 pm	02.00-03.00 pm
MON	CAD/CAM	FM	KOM	IE (P)
TUE	CAD/CAM	IE	KOM	
WED	CAD/CAM	EM-IV	IE	KOM (P)
THUS	KOM	FM	EM-IV	
FRI	IE	FM	EM-IV	Python Programming (P)

SUB	THEORY
EM-IV	PROF. SAJID SHAIKH
FM	PROF. IRSHAD SHAIKH
KOM (T&P)	PROF. MD SAMI MALIK
CAD/CAM (T&P)	PROF. WASIM KHAN
IE (T&P)	PROF. VINOD DHANDE


Time-Table Incharge
Prof. Md Sami Malik


HOD
Prof. Wasim Khan


Principal
Dr. Shah Aqeel Ahmed

Head of Department
Dept. of Automobile Engg.
Theem College of Engineering, Boisar 401 501




H.J.THIM TRUST'S
THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
TE-AUTO (2020-21)


CLASS NO. A-312


W.E.F.01/02/2021

DAY	10.00-10.50 am	11.00-11.50 am	12.00-12.50 pm	02.00-03.00 pm
MON	MD-I	MTRX	MV	MD-I (P)
TUE	MD-I	MTRX	FEA	FEA (P)
WED	MD-I	CBE	FEA	MTRX-I (P)
THUS	MV	FEA	CBE	MV (P)
FRI	MV	CBE	MTRX	CBE (P)

SUB	THEORY
MD-I (T&P)	PROF. MOHAMMAD MUSTAQUE
MV (T&P)	PROF. SHAFIQ SHAIKH
MTRX (T&P)	PROF. TEJAS THAKUR
FEA (T&P)	PROF. MOHAMMAD RAEES
CBE (T&P)	PROF. UDAY PRAJAPATI


Time-Table Incharge
Prof. Md Sami Malik


HOD
Prof. Wasim Khan


Principal
Dr. Shah Aqeel Ahmed

Head of Department
Dept. of Automobile Engg.
Theem College of Engineering, Boisar 401 501



H.J.THIM TRUST'S
THEEM COLLEGE OF ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
BE-AUTO (2020-21)


CLASS NO. A-313


W.E.F.01/02/2021

DAY	10.00-10.50 am	11.00-11.50 am	12.00-12.50 pm	02.00-03.00 pm
MON	VS	VM	VD	
TUE	EM	VM	ELECTIVE	
WED	EM	VD	ELECTIVE	VD (P)
THUS	EM	VS	ELECTIVE	VM (P)
FRI	VM	VD	VS	

SUB	THEORY
ELECTIVE	PROF. TEJAS / SHAFIQ
VD (T&P)	PROF. MOHAMMAD RAEES
VM (T&P)	PROF. MOHAMMAD MUSTAQUE
EM	PROF. HARSHAL RANDHIVE
VS	PROF. MD SAMI MALIK


Time Table Incharge
Prof. Md Sami Malik


HOD
Prof. Wasim Khan
Head of Department
Dept. of Automobile Engg.
Theem College of Engineering, Boisar 401 501


Principal
Dr. Shah Aqeel Ahmed




H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

Name of Faculty : K.N. Attarde
Programme : EXTC
Course Name : Principles of Communication Engineering
Division : -
Year : FE / SE / TE / BE

Course Code : ECC405
Semester : IV

TIME TABLE										
Days	Time	10:00	11:00	12:00		02:00	03:00	04:00	05:00	
		11:00	12:00	01:00		03:00	04:00	05:00	06:00	
Monday						PCE				
Tuesday										
Wednesday							← PCE LAB →			
Thursday						PCE				
Friday		PCE								


Sign. of Teacher


Sign. of HOD

Course Outcomes :

At the end of the course student will be able to:		PO/PSO	Bloom Level
ECC 405-1	Understand the basic components and types of noises in communication system	PO1, PO2	Understanding/ Applying
2	Analyze the concept of Amplitude Modulation & Demodulation	PO1, PO2, PO4, PO5, PSO 1 & 2	Understanding/ Apply Apply Analysis
3	Analyze the concept of angle modulation and Demodulation	PO1, 2, 4, 5 PSO 1 & 2	Understanding/ Apply Analysis
4	Compare the performance of AM and FM receivers	PO1, PO2, PSO1	Understanding
5	Describe analog and digital pulse modulation techniques	PO1, PO4, PO5, PSO 1 & 2	Understanding, Apply
6	Illustrate the principles of multiplexing and demultiplexing techniques.	PO1, PSO1	Understanding

Mapping of CO with PO : (Target Level)

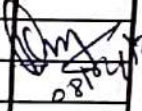
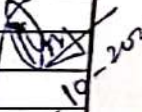
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
ECC 405-1	3	1														1 : LOW 2 : MODERATE 3: HIGH
2	3	2		1	1								2	1		
3	3	2		1	1								2	1		
4	3	1											1			
5	3			1	1								2	1		
6	3												1			
	3	1.5		1	1								1.6	1		

TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of H D
①	Basic of Communication System	05	Google Meet				
1.1	Block diagram, Basic concept of wave propagation, Electromagnetic spectrum, Signal BW & power			01-02-2021	01-02-21		
	Types of Comm. channel, Time & freq. domain			02-02-2021	02-02-2021		
1.2	Types of Noise, SNR			05-02-2021	05-02-2021		
	Noise figure, Noise Temp & Friiss formula			08-02-21	08-02-2021		
				09-02-21	09-02-21		
②	Amplitude Modulation & Demodulation	12	Google Meet				
2.1	Need of Modulation						
	Def ⁿ , waveform, eq ⁿ , m.I of AM			12-02-21	12-02-21		
	Spectrum, BW of AM			15-02-21	15-02-21		
	Voltage distribution & power calculations			18-02-21	18-02-21		
2.2	DSBFC: Principles, low level transmitters			22-02-21	22-02-21		
	High level transmitters, PSB: sc			25-02-21	25-02-21		
	Balanced modulator (Ring modulator)			26-02-21	26-02-21		
	SSB systems			01-03-21	01-03-21		
2.3	Angle Modulation and Demodulation			04-03-21	04-03-21		
	Simple diode detector & practical detector			05-03-21	05-03-21		
	Comparison of different Am techniques			08-03-21	08-03-21		
	Use of VSB in broadcast television			12-03-21	12-03-21		
③	Angle Modulation & Demodulation	10/03	Google Meet				
3.1	Basic concept, mathematical analysis			-			
	FM (time & freq domain), deviation, m.I.			25-03-21	25-03-21		
	freq & phase deviation, Noise triangle			26-03-21	26-03-21		
	Bandwidth of FM, Narrow Band & WB FM			01-04-21	01-04-21		
				05-04-21	05-04-21		

[Signature]
15/02/21

[Signature]
01/04/21

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
3.2-	Varactor diode Modulator - Direct FM			08-04-21	08-04-21		 08/04/21
	FET Reactance Modulator, Stabilized AFC			08-04-21	08-04-21		
	Indirect FM, Pre-emphasis & De-emphasis			09-04-21	09-04-21		
3.3	FM Demodulator, Balanced slope detector, Foster-Seeley & Ratio detector, FM demodulation - PLL, Applications of FM & PM			19-04-21	19-04-21		 10-10-2021
				22-04-21	22-04-21	Lock down imposed	
				22-04-21	22-04-21	due to	
						Pandemic	
(04)	Radio Receiver	04/02	Google Meet			So the monitoring done in online mode.	
4.1	Characteristics of Radio Receiver. TRF & Super-heterodyne receivers tracking choice of IF, AFC & types			23-04-21	23-04-21		
				23-04-21	23-04-21		
				26-04-21	26-04-21		
4.2	FM Receiver - block diagram, Compare AM			26-04-21	26-04-21		
(05)	Analog & Digital Pulse Mod. & Demod.	06/04	Google Meet			So the monitoring done in online mode.	
5.1	Sampling theorem for LP signal - Proof. Nyquist Criteria, Sampling techniques Aliasing error and aperture effect			29-04-21	29-04-21		
				30-04-21	30-04-21		
				30-04-21	30-04-21		
5.2	PAM, PWM & PPM generation & Detection. Basics of PCM & DPCM system. DM and ADM concept			03-05-21	03-05-21		
				06-05-21	06-05-21		
				06-05-21	06-05-21		
(06)	Multiplexing and De-multiplexing	02/01	Google Meet				
	FDM - transmitter & Receiver BD			07-05-21	07-05-21		
	TDM - transmitter & Receiver BD			07-05-21	07-05-21		
		Total 39/32					

15th March to 20th March → UT-1 (SEM-III & IV)
 10th April to 17th April → SEM-III University Exam.

19/02 - Shiv Jayanti | 02/04 - Good Friday
 11/03 - Mahashivratri | 13/04 - Good Friday
 29/03 - Dhulivandan | 14/04 - Ambedkar Jay.
 21/04 - Ram Navmi

THEORY ATTENDANCE SHEET

Class : **SEE EXTG**

Name of Teacher : **K.N.A.Harde**

Roll No.	Name of Student	Date		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
		1	2																											
1	Shrisha	01/02/21		P																										
2	Saud Khan	02-02		P																										
3	Ravag Mehan	05-02		P																										
4	Manasire Dairphale	08-02		P																										
5	Ranjit Singh	09-02		P																										
6		12-02		P																										
7		15-02		P																										
8		18-02		P																										
9		22-02		P																										
10		25-02		P																										
11		26-02		P																										
12		01-03		P																										
13		04-03		P																										
14		05-03		P																										
15		08-03		P																										
16		12-03		P																										
17		22-03		P																										
18		25-03		P																										
19		26-03		P																										
20		01-04		P																										
21		05-04		P																										
22		08-04		P																										
23		09-04		P																										
24		16-04		P																										
25		02-05		P																										
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Sign. of Teacher

Semester : IV **THEORY ATTENDANCE SHEET**

Subject : PCF

Sl. No.	Roll No.	Attnd.		%
		MT	ET	
1	23-04	11	12	72
2	26-04	13	12	78
3	29-04	14	12	81
4	30-04	12	11	72
5	50-04	06	13	60
6	50-04			
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(32)

Remedial suggested for less Attendance students.

Sign. of HOD

Sign. of Principal

Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : PCF

Class : SE

Semester : IV

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance		Date of Completion	Remark
			Planned			
1	Generation and detection of DSB-SC (AM-conventional)	B1	17-02-2021		31-03-21	Virtual Lab
		B2				
		B3				
2	Generation of DSB-SC signal	B1	24-02-2021		31-03-21	Virtual Lab
		B2				
		B3				
3	Generation of SSB-SC signal	B1	30-03-2021		31-03-21	Virtual Lab
		B2				
		B3				
4	Generation and detection of FM signal	B1	17-03-2021		07-04-21	Virtual Lab
		B2				
		B3				
5	Study of AM transmitter	B1	31-03-21		-	Study
		B2				Practical
		B3				
6	Study of AM (superheterodyne) Receiver	B1	31-03-21		-	Study
		B2				Practical
		B3				
7	Generation and detection of PAM signal	B1	07-04-21		28-04-21	Virtual Lab
		B2				LAB
		B3				
8	Generation of PWM and PPM signal	B1	28-04-2021		28-04-21	Virtual
		B2				LAB
		B3				
9	Simulation of AM in MATLAB code	B1	05/05/2021		05-05-21	MATLAB
		B2				TOOL
		B3				
10	Simulation of FM in MATLAB code	B1	05/05/2021		05-05-21	MATLAB
		B2				TOOL
		B3				

Signature

Name of Faculty

Sign. of HOD

Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : PCE

Class : SE

Semester : IV

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance Planned	Date of Completion	Remark	Date of Submission
11	Assignment 1 [CO:1]	B1	17-02-21	17-02-21		03/03/21
		B2				
		B3				
12	Assignment 2 [CO:2]	B1	03-03-21	03-03-21		17/03/21
		B2				
		B3				
13	Assignment 3 [CO:3]	B1	17-03-21	17-03-21	Submitted	07/04/21
		B2			through email	
		B3				
14	Assignment 4 [CO:4]	B1	07-04-21	07-04-21		28/04/21
		B2				
		B3				
15	Assignment 5 [CO:5]	B1	28-04-21	28-04-21		05/05/21
		B2				
		B3				
16	Assignment 6 [CO:6]	B1	05-05-21	05-05-21		11/05/21
		B2				
		B3				
17	Quiz 1 [CO:1]	B1	03-03-21	03/03/21	Conducted	
		B2				
		B3				
18	Quiz 2 [CO:2&3]5	B1	28-04-21	28/04/21	through google form	
		B2				
		B3				
19	Quiz 3 [CO:4]	B1	05-05-21	05-05-21		
		B2				
		B3				
20		B1				
		B2				
		B3				

Signature

Name of Faculty

Sign. of HOD

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 100 per Experiment)														AVG. Marks	TH. Attd. (5)	TW Marks	Student Sign.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
1	8	9	8	9	9	8	8	8	9	9	8	9	8	9	18	4	22	Students are not available physically due to pandemic. Marks are communicated in online mode.
2	9	8	9	8	9	8	8	8	9	8	8	9	10	9	17	5	22	
3	8	8	9	9	10	7	9	8	9	8	9	9	8	9	17	5	22	
4	9	8	9	8	8	9	8	7	8	8	9	9	8	10	17	4	21	
5	7	8	7	7	8	9	8	9	7	8	9	8	8	8	15	3	19	
6	EXP.														exp.			Marks are communicated in online mode.
7															Assignment			
8																		
9															85%			
10	2	2	2	3	2	4	5	5	1	2	3	4	5	6				
11																		
12									43	40	40	45	42	42				
13									50	50	50	50	50	50				
14																		
15									88%	88%	80%	90%	84%	84%				
16									3	3	3	3	3	3				
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Students are not available physically due to pandemic. Marks are communicated in online mode.

85% ← % marks
 All cos except cos
 3 ← Attainment level

← % marks
 ← Attainment level

(Sign of teacher)

15

(HOD)

TEST MARKS

Roll No.	Term Test I			Term Test II			AVG. Test Marks	University Marks	University OR/PR Exam Marks	
	Q.1	Q.1	Q.1	Q.1	Q.1	Q.1				Q.2
1	8	6	5	4	5	4	2	15	74	19
2	8	6	4	4	5	6	1	16	50	18
3	8	6	4	4	5	4	2	15	52	17
4	8	6	4	4	5	4	2	15	59	17
5	8	5	4	4	6	4	2	16	62	16
6										
7										
8	38	50		24	21	22	9	297	87	
9	40	60		30	25	35	10	400	125	
10	95%	83%		80%	91%	89%	90%	74%	70%	
11										
12	3	3		3	3	1	3	12	2	2
13	1	2		3	4	5	6	15	All COs	All COs
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41										
42										

% marks
 95%
 83%
 80%
 91%
 89%
 90%
 74%
 70%

← Attainment of COs
 ← CO No.

(Sign of teacher)

[Signature]

(H.O.D. Sign)

[Signature]

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
1					100	100	100		5	5	5	5			
2	Redeal of				10	09	10		5	5	4	5			1
3	Assignment is				08	09	10		5	4	5	5			
4	available in				08	07	09		5	3	4	4			
5	TV assessment				09	08	10		5	4	4	4			
6	Sheet				09	08	10		5	4	4	4			5
7	Page No-15														
8					44	41	49		25	20	21	23			
9					50	50	50		25	25	25	25			
10					88%	83%	98%		100%	80%	84%	92%			
11					C01	C02	C04		C01	C02	C04	C06			
12						C03				C03					
13						C05				C05					
14					3	3	3		3	3	3	3			
15															
16															
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41															
42															

(Signature)

(Sign of Teacher)

(Signature)

Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect	
			1	2
ECC 405.1	TEST-1	08		
	QUIZ-1	10		
	Assignment-1	10		
ECC 405.2	TEST-1	12		
	QUIZ-2	04		
	Assignment-2	10		
ECC 405.3	TEST-2	05		
	QUIZ-2	03		
	Assignment-3	10		
ECC 405.4	TEST-2	06		
	QUIZ-3	10		
	Assignment-4	10		
ECC 405.5	TEST-2	07		
	QUIZ-2	03		
	Assignment 5	10		
ECC 405.6	TEST-2	02		
	Assignment-6	10		
All TH. Course Outcomes	University TH. Examination	80		
All Course Outcomes	University OR/PR Examination	25		

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	% marks $\geq 60\%$	% marks $\geq 70\%$	% marks $\geq 80\%$
Internal Assessment TEST/Assignment/Quiz/Pr	% marks are equal to OR greater than 60%	% marks are $\geq 70\%$	% marks are $\geq 80\%$
Course Exit Survey	$\geq 60\%$	$\geq 70\%$	$\geq 80\%$

Attainment of Course Outcomes :

Course Outcomes	Direct Method																Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)		
	Internal Assessment											University			Y1 = (0.4X1 + 0.6X2)	Course Exit Survey (Y2)				
	Test		Assignment				Quiz				Lab Work	Avg. (X1)	TH. Exam	OR/PR			Avg. (X2)			
	T1	T2	A1	A2	A3	A4	Q1	Q2	Q3	Q4										
ECC 405.1	3	-	3	-	-	-	3	-	-	-	3			3	2	2	2	2.4	3	2.52
2	3	-	-	3	-	-	-	3	-	-	3			3	2	2	2	2.4	3	2.52
3	-	3	-	3	-	-	-	3	-	-	3			3	2	2	2	2.4	3	2.52
4	-	3	-	-	-	3	-	-	3	-	3			3	2	2	2	2.4	3	2.52
5	-	1	-	3	-	-	-	3	-	-	3			2.5	2	2	2	2.2	3	2.36
6	-	3	-	-	3	-	-	-	-	-	-			3	2	2	2	2.4	3	2.52

22

Attainment of POs and PSOs through COs:

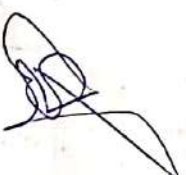
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
ECC 405.1	2.52	0.84													
2	2.52	1.68		0.84	0.84								1.68	0.84	
3	2.52	1.68		0.84	0.84								1.68	0.84	
4	2.52	0.84											0.84		
5	2.36			0.79	0.79								1.57	0.79	
6	2.52												0.84		
	2.47	1.26		0.82	0.82								1.33	0.82	

Sign. of Teacher

Sign. of HOD

Sign. Of Principal

PO/PSO	Target	Attainment	Attainment %	Observation	Action
PO1	3	2.47	82%	Attainment level is above	
PO2	1.5	1.26	84%	level is above	Same teaching methodology
PO4	1	0.82	82%	80% means	can be continue
PO5	1	0.82	82%	Students have performed to	with putting some more effort in
PSO1	1.6	1.33	83%	performed to	more effort in
PSO2	1	0.82	82%	expected level	Next year/semester
Over all Attainment(Avg.)			82.5%		



(Principal's Signature)

RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
Principles of Communication Engineering	ECC405	University Theory Exam	80	05	05	100%	74	100%
		Term Test	25	05	05	100%	17	100%
		OR/PR Exam	25	05	05	100%	19	100%


 (HOD)

A-4.20-21 (Even Sem)




H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

Name of Faculty : Akhtarhusen Momin
Programme : Bachelor of Mechanical Engineering
Course Name : Industrial Engineering and Management Course Code : MEC802
Division : A Semester : VIII
Year : BE

TIME TABLE									
Days	Time	10:00 am to 10:50 am	11:00 am to 11:50 am	12:00 pm to 12:50 pm	2:00 pm to 4:00 pm				
Monday									
Tuesday				IEM (Div A)					
Wednesday			IEM (Div A)						
Thursday									
Friday			IEM (Div A)						


Sign. of Teacher


Sign. of HOD

Course Outcomes :

At the end of the course student will be able to:		PO/PSO	Bloom Level
CO1	Illustrate the need for optimization of resources and its significance	PO1,2,4,5,6,7,9,12 PSO1,2	Understanding
CO2	Develop ability in integrating knowledge of design along with other aspects of value addition in the conceptualization and manufacturing stage of various products.	PO1,2,3,4,5,6,7,8,11,12, PSO 1,2	Applying
CO3	Demonstrate the concept of value analysis and its relevance.	PO1, 2, 3, 4, 5, 6, 8,9,10,11,12, PSO 1, 2	Understanding
CO4	Manage and implement different concepts involved in method study and understanding of work content in different situations.	PO1,2,3,4,5,6,7,8,9,10, 11,12 PSO 1,2	Applying
CO5	Describe different aspects of work system design and facilities design pertinent to manufacturing industries.	PO1,2,3,4,5,6,9,10,11,12 PSO 1,2	Understanding
CO6	Illustrate concepts of Agile manufacturing, Lean manufacturing and Flexible manufacturing	PO1,4,5,6,8,11, PSO 1,2	Understanding

Mapping of CO with PO : (Target Level)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
CO1	3	3		1	2	1	2		2			3	1	1		1: LOW 2: MODERATE 3: HIGH
CO2	3	3	3	2	2	2	2	1			2	2	3	2		
CO3	2	3	3	2	1	1		1	2	2	2	2	3	3		
CO4	3	2	2	2	3	2		1	2		2	2	3	3		
CO5	3	3	3	3	2	2			2	1	3	2	3	3		
CO6	3			2	1	1		1			1		1	1		
	2.83	2.80	2.75	2.00	1.83	1.50	2.00	1.00	2.00	1.50	2.00	2.20	2.33	2.17		

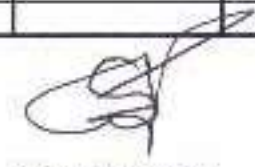
TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short full if any)	Sign. of HOD
1	History and contribution, Industrial engineering approach	1	PPT	2/2/21	2/2/21		[Signature]
	Techniques of industrial engineering, objectives of industrial engineering	1	PPT	2/3/21	2/3/21		
	System approach to industrial engineering	1	PPT	2/5/21	2/5/21		
	Definition and concept of productivity, productivity measurements	1	PPT	2/5/21	2/9/21		
	Factors influencing productivity	1	PPT	2/10/21	2/10/21		
	Productivity improvement techniques	1	PPT	2/12/21	2/12/21		
2	Introduction to Value Engineering and Value Analysis	1	PPT	2/16/21	2/16/21		[Signature]
	Introduction to Value Engineering and Value Analysis	1	PPT	2/16/21	2/16/21		
	Distinction between value engineering & value analysis and their Significance	1	PPT	2/17/21	2/17/21		
	Steps in value engineering & analysis and Check lists	1	PPT	2/23/21	2/23/21		
	Steps in value engineering & analysis and Check lists	1	PPT	2/23/21	2/23/21		
3	Introduction to Work Study	1	PPT	2/24/21	2/24/21		[Signature]
	Method study	1	PPT	2/26/21	2/26/21		
	Method study	1	PPT	3/2/21	3/2/21		
	Micro-motion study	1	PPT	3/3/21	3/3/21		
	Principles of motion economy	1	PPT	3/5/21	3/5/21		
	Work measurement: time study	1	PPT	3/8/21	3/8/21		
	Work sampling	1	PPT	3/12/21	3/12/21		
	Standard data	1	PPT	3/12/21	3/12/21		
	PMTS	1	PPT	3/18/21	3/18/21		
	MOST	1	PPT	3/19/21	3/19/21		
4	Introduction to ergonomics and its scope in relation to work.	1	PPT	3/19/21	3/22/21		[Signature]
	Outline of discipline of anatomy, physiology and psychology, with respect to ergonomics building blocks such as anthropometry	1	PPT	3/23/21	3/23/21		
	Outline of discipline of anatomy, physiology and psychology, with respect to ergonomics building blocks such as anthropometry	1	PPT	3/24/21	3/26/21		
	Biomechanics	1	PPT	3/28/21	3/30/21		
	Job evaluation, merit rating,	1	PPT	3/30/21	3/31/21		

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
4.	Incentive schemes, Wage administration	1	PPT	3/31/21	3/31/21		
	Business process reengineering	1	PPT	3/31/21	4/6/21		
	Business process reengineering	1	PPT	4/5/21	4/6/21		
5.	Facility location factors	1	PPT	4/7/21	4/7/21		
	Evaluation of alternate locations	1	PPT	4/9/21	4/12/21		
	Types of plant layout and their evaluation	1	PPT	4/9/21	4/16/21		
	Types of plant layout and their evaluation	1	PPT	4/16/21	4/20/21		
	Computer aided layout design techniques	1	PPT	4/20/21	4/20/21		
	Computer aided layout design techniques	1	PPT	4/23/21	4/23/21		
	Assembly line balancing, materials handling systems	1	PPT	4/23/21	4/23/21		
	Concepts of Group Technology	1	PPT	4/27/21	4/27/21		
	Cellular manufacturing	1	PPT	4/27/21	4/27/21		
6.	Introduction to manufacturing	1	PPT	4/27/21	4/27/21		
	Developing agile manufacturing	1	PPT	4/28/21	4/28/21		
	Integration of Product/Process Development	1	PPT	4/30/21	4/30/21		
	Application of II/IS concepts	1	PPT	4/30/21	4/30/21		
	Agile supply chain management	1	PPT	5/4/21	5/4/21		
	Design of skill and knowledge and Computer control of Agile manufacturing	1	PPT	5/4/21	5/4/21		
	Design of skill and knowledge and Computer control of Agile manufacturing	1	PPT	5/5/21	5/5/21		
	Flexible manufacturing	1	PPT	5/5/21	5/5/21		
	Lean Manufacturing	1	PPT	5/7/21	5/7/21		
	Value Stream Mapping	1	PPT	5/7/21	5/7/21		


Sign. of Teacher


Sign. of HOD


Sign. of Principal

THEORY ATTENDANCE SHEET

Name of Teacher : Akhtarhusen Momin

Class : BE A

Roll No.	Name of Student	T. No.	Date																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	MAURYA NEHA		A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	
2	SAINI KOHINI MAHESH SUNITA		P	P	P	P	P	A	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P	
3	SHAIKH UMAIRA MAZHARAHMED		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
4	ADHIKARI KISAN SHAMBHU		A	P	A	A	P	P	P	A	P	P	P	A	P	P	A	P	P	A	P	P	A	P	A	P	
5	AGARWAL PAWAN BHARAT		P	P	P	P	P	A	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P	
6	AGASHIWALA MUFADDAL SAIFEE		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	
7	ALI AFZAL SHAMSHER		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	ANDRANDES ENOCH DENNIS		P	P	P	A	P	A	P	A	A	A	P	A	P	P	A	P	P	A	P	A	A	A	P	A	P
9	ANSARI SAALIM ZAHERUDDIN		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P
10	ASAR AHMED MUJTABA		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P
11	BARI SMIT VIVEK		A	A	A	A	A	P	P	P	A	P	P	P	P	P	A	P	P	A	A	P	P	A	P	P	A
12	BARIA JAINISH DIVYESHBHAI		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P
13	BARISHTH DINDAYAL RAMESHCH		P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
14	BAVISKAR MAYUR ARJUN		P	P	A	A	P	A	A	P	P	P	A	A	P	A	P	A	P	A	P	P	P	P	P	P	P
15	BHAGAT YASH SANJAY		A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P
16	BHATTI SHAKEEL AHMED		P	P	A	A	P	A	A	P	P	P	A	A	P	A	P	A	P	A	P	P	P	P	P	P	P
17	BHORANIYA MOHAMMED LUKMA		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P
18	BISHT HIMANSHU SINGH JITENDR		A	A	P	A	P	P	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P
19	BOTKE HAMZA HANIF		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P
20	CHAND MAHESH SHUBHASH		P	P	P	A	P	A	A	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
21	CHAUDHARI MOHAMMAD SALMA		P	A	A	A	A	P	P	P	P	P	A	P	P	A	A	A	P	A	A	P	P	P	P	P	P
22	CHAUDHARI PROMODKUMAR BAL		P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
23	CHAUDHARY RUSHAID AHMED M		P	P	P	A	P	A	A	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
24	CHOWDHRY MOHD ASIF MOHD UN		A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P
25	CHURI PRACHIT AJIT		A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P
26	CHURI YASH KISHOR		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	DAWARE ABHISHEK PRALHAD		A	P	A	A	P	P	P	P	P	A	P	A	A	A	A	P	P	P	A	A	P	P	P	P	P
28	DUBEY ATUL SURESHCHANDRA		A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
29	GAWDE OMKAR VIJAY		P	P	P	P	P	A	P	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P
30	GHADGE AKSHAY SANTOSH		P	A	A	A	A	P	P	P	P	P	A	P	P	A	A	A	P	A	A	P	P	P	P	P	P
31	GOSWAMI RAKESH SHAILENDRA		P	P	P	P	P	A	P	A	A	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	A
32	GOUND CHANDAN RAVINDRA		A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	GUPTA AMIT JITENDER		P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	GUPTA ARUN SUBHASH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	GURAV ASHISH SANJAY		A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
36	GURAV KIRAN PRAKASH		A	P	A	A	P	P	P	P	A	P	A	A	A	A	P	P	P	A	A	P	P	P	P	P	P
37	HAJI FURKAN SHAFI		P	P	A	A	P	A	A	P	P	P	A	A	P	A	P	A	P	A	P	P	P	P	P	P	P
38	HAWALDAR NOUMAN ANWAR		A	A	A	A	A	A	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	P	P	P	A


Sign. of HOD


Sign. of Principal

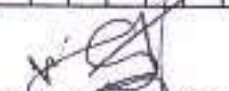
THEORY ATTENDANCE SHEET

Semester : VIII

Subject : IEM

L. R.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Attd.		
	Roll No.	4/6/2021	4/7/2021	4/12/2021	4/16/2021	4/20/2021	4/20/2021	4/23/2021	4/23/2021	4/27/2021	4/28/2021	4/30/2021	5/4/2021	5/4/2021	5/5/2021	5/7/2021											MT (17)	ET (23)	%	
1	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P													14	21	88
2	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73
3	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P													16	21	93
4	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P													11	19	75
5	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73
6	A	A	A	A	A	A	A	A	A	P	P	P	P	A	A													16	11	68
7	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P													16	22	95
8	P	P	P	A	A	A	P	P	P	P	A	A	A	A	A													10	10	50
9	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													7	17	60
10	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													8	17	63
11	A	A	P	A	A	A	A	A	A	A	A	A	A	A	A													10	5	38
12	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P													8	18	65
13	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A													15	21	90
14	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A													9	19	70
15	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P													15	14	73
16	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A													9	19	70
17	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													7	17	60
18	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A													11	20	78
19	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													8	17	63
20	P	P	P	P	A	A	P	P	P	P	P	A	A	A	A													11	16	68
21	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A													9	19	70
22	A	A	A	A	A	A	A	A	A	P	P	P	P	A	A													16	11	68
23	P	P	P	P	A	A	P	P	P	P	P	A	A	A	A													11	16	68
24	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													7	17	60
25	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P													15	14	73
26	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													16	23	98
27	P	P	A	A	P	P	A	A	P	P	P	P	P	A	P													9	16	63
28	A	A	P	A	A	A	A	A	A	A	P	A	A	P	P													14	11	63
29	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73
30	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A													9	19	70
31	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A													12	18	75
32	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15	23	95
33	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15	23	95
34	P	P	P	P	A	A	A	A	P	A	P	A	A	A	P													17	15	80
35	A	A	P	A	A	A	A	A	A	A	P	A	A	P	P													14	11	63
36	P	P	A	A	P	P	A	A	P	P	P	P	P	A	P													9	16	63
37	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A													9	19	70
38	P	P	P	A	A	A	P	P	A	P	P	P	P	P	P													9	16	63


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THEORY ATTENDANCE SHEET

Name of Teacher : Akhtarhusen Momin

Class : BE A

Roll No.	Name of Student	L. N.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
		Date	2/2/2021	2/3/2021	2/5/2021	2/8/2021	2/10/2021	2/12/2021	2/16/2021	2/17/2021	2/23/2021	2/24/2021	2/26/2021	3/2/2021	3/3/2021	3/5/2021	3/9/2021	3/12/2021	3/12/2021	3/18/2021	3/18/2021	3/22/2021	3/23/2021	3/26/2021	3/30/2021	3/31/2021	4/8/2021
39	JADHAV HITESH NAMDEV	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P
40	JADYAR ANKIT RAJESH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
41	JAINAWAR AVANISH BHARATI	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	JHA HIMANSHU SURENDRA	P	A	A	A	A	P	P	P	P	P	A	P	P	A	A	A	P	A	A	P	A	P	P	P	P	P
43	JOSEPH JASON JOEL	A	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P
44	JOSHI MAYANK BHARAT	A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
45	JOSHI MEDHAJ YOGESHI	P	P	P	A	P	A	P	P	A	A	A	P	P	A	A	P	P	P	A	P	P	P	A	A	P	P
46	JUMMAL MUAZZAM MAZHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	KAMATH PRATIK PRAKASH	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P
48	KASAMJI TAUKEER SAJID	A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P
49	KHAN AJAZ RAMZAN	P	P	P	P	P	A	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P	P	P
50	KHAN AMJADALI MOHAMMED	A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
51	KHAN ASHFAQUE MUKHTAR	P	P	P	A	P	A	A	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
52	KHAN SARFARAJ AKBAR	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	A	P	P
53	KHAN SHAHRUKH ABDUL	P	A	A	A	A	P	P	P	P	P	A	P	P	A	A	A	P	A	A	P	P	P	P	P	P	P
54	KUSHWAH MANISH RAVINDRA	P	P	A	A	P	A	A	P	P	A	A	P	A	P	A	P	A	P	A	P	P	P	P	P	P	P
55	LOLGE TANMAY PRAMOD	P	P	P	A	P	P	A	P	P	P	P	P	P	A	A	A	A	P	P	P	P	A	A	A	P	P
56	MAKNOGIYA SALMAN YUNUS	A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P
57	MALLICK SAHIL KAMRUDDIN	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	MANIKAR ASHOK SANJAY	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	A	P	A	P	A	P	P	P	P	P
59	MD AFROZ AALAM	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P
60	MD SUBHAN ALAM EID MOHA	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
61	MOHITE MIHIR VINAY	A	A	A	A	A	A	P	P	P	P	A	P	P	P	A	P	P	P	A	A	P	P	A	A	P	P
62	MONDE ATISH ANKUSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P
63	NAGPURE KETAN PRADEEP	P	P	P	P	P	A	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P	P	P
64	OMBALE SAGAR ANANT	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P
65	PANDEY CHANDAN SHRAVAN	A	A	A	A	A	A	P	P	P	P	A	P	P	P	A	P	P	P	A	A	P	P	A	A	P	P
66	PANERE CHINMAY PRABHAKAR	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
67	PARAB DEEPAK HEMANT	A	A	A	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P
68	PARAB HARSHAD ANIL	P	P	P	P	P	A	P	P	P	P	A	P	A	A	P	P	P	A	P	P	P	A	P	P	A	P
69																											
70																											
71																											
72																											
73																											
74																											
75																											
76																											

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THEORY ATTENDANCE SHEET

Semester : VIII

Subject : IEM

I. R.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Attd.			
	Roll No.	4/6/2021	4/7/2021	4/12/2021	4/16/2021	4/20/2021	4/20/2021	4/23/2021	4/23/2021	4/27/2021	4/28/2021	4/30/2021	5/4/2021	5/4/2021	5/5/2021	5/7/2021													MI (17)	ET (23)	%
39	P	P	P	P	A	A	P	P	A	P	P	A	A	P	P													15	16	78	
40	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P													15	21	90	
41	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15	23	95	
42	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A													9	19	70	
43	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P													12	20	80	
44	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													8	17	63	
45	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P													10	17	68	
46	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													17	23	100	
47	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P													15	14	73	
48	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P													7	19	65	
49	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73	
50	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													8	17	63	
51	P	P	P	P	A	A	P	P	P	P	P	A	A	A	A													11	16	68	
52	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P													13	19	80	
53	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A													9	19	70	
54	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A													9	19	70	
55	A	A	P	A	P	P	P	P	P	P	P	P	P	A	P													11	16	68	
56	P	P	P	A	A	A	P	P	P	P	A	P	P	P	P													7	17	60	
57	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P													16	21	93	
58	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P													14	20	85	
59	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P													15	14	73	
60	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15	22	93	
61	P	P	P	A	A	A	P	P	A	P	P	P	P	P	P													9	16	63	
62	P	P	A	A	P	P	P	P	P	P	P	P	P	A	A													16	17	83	
63	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73	
64	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P													15	14	73	
65	P	P	P	A	A	A	P	P	A	P	P	P	P	P	P													9	16	63	
66	P	P	A	P	P	P	P	P	A	P	A	P	P	P	A													15	18	83	
67	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P													7	19	65	
68	P	P	A	A	P	P	A	A	A	P	P	P	P	P	P													13	16	73	
69																															
70																															
71																															
72																															
73																															
74																															
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TEST MARKS


Roll No.	Term Test I						Term Test II						AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks			
1						20						20	20	77	
2						20						20	20	73	
3						20						20	20	73	
4						20						20	20	74	
5						20						20	20	73	
6						20						20	20	74	
7						20						20	20	72	
8						20						20	20	77	
9						19						20	20	63	
10						20						20	20	77	
11						19						17	18	73	
12						20						20	20	74	
13						20						20	20	75	
14						20						20	20	70	
15						20						20	20	77	
16						17						20	19	73	
17						20						20	20	75	
18						20						19	20	74	
19						20						18	19	72	
20						20						20	20	77	
21						20						20	20	76	
22						20						20	20	72	
23						20						20	20	72	
24						18						20	19	76	
25						20						20	20	76	
26						20						20	20	75	
27						20						20	20	77	
28						20						20	20	77	
29						20						20	20	74	
30						20						20	20	72	
31						20						20	20	75	
32						20						20	20	76	
33						20						20	20	78	
34						20						20	20	76	
35						20						20	20	77	
36						20						20	20	73	
37						20						20	20	77	
38						20						20	20	77	
39						20						20	20	78	
40						20						20	20	73	
41						20						20	20	76	
42						20						20	20	80	

TEST MARKS

Roll No.	Term Test I					Term Test II					AVG. Test Marks	University III. Exam Marks	University OR/PR Exam Marks		
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2				Q.3	Total Marks
43						20						20	20	76	
44						20						20	20	77	
45						20						20	20	75	
46						20						20	20	77	
47						19						18	19	66	
48						20						20	20	76	
49						18						20	19	74	
50						20						20	20	75	
51						20						20	20	72	
52						20						20	20	75	
53						20						20	20	75	
54						20						19	20	75	
55						20						20	20	75	
56						20						20	20	74	
57						20						20	20	76	
58						20						20	20	77	
59						20						20	20	70	
60						20						20	20	74	
61						20						20	20	74	
62						20						20	20	75	
63						20						20	20	76	
64						20						20	20	75	
65						20						17	19	75	
66						19						20	20	73	
67						20						20	20	74	
68						20						20	20	74	
69															
70															
71															
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Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz					Course Exit Survey						
	1	2	3	4	1	2	3	4	5	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
1										5	4	5	5	5	5	
2										5	4	5	4	5	4	
3										4	3	4	3	4	4	
4										3	4	3	4	3	5	
5										4	3	3	3	2	3	
6										-	-	-	-	-	-	
7										-	-	-	-	-	-	
8										4	4	4	4	4	5	
9										-	-	-	-	-	-	
10										-	-	-	-	-	-	
11										4	4	4	4	4	4	
12										-	-	-	-	-	-	
13										-	-	-	-	-	-	
14										3	3	2	3	2	2	
15										-	-	-	-	-	-	
16										-	-	-	-	-	-	
17										-	-	-	-	-	-	
18										5	5	3	4	3	2	
19										3	3	2	3	3	3	
20										4	5	5	4	4	5	
21										3	3	4	2	4	5	
22										4	2	3	4	2	2	
23										3	3	3	3	3	3	
24										-	-	-	-	-	-	
25										5	4	5	4	4	4	
26										5	5	4	4	5	5	
27										4	4	5	5	5	5	
28										3	3	4	4	5	5	
29										-	-	-	-	-	-	
30										-	-	-	-	-	-	
31										4	4	4	4	3	4	
32										4	4	5	3	5	5	
33										4	5	5	5	4	5	
34										3	3	3	3	3	3	
35										-	-	-	-	-	-	
36										4	4	3	3	4	4	
37										-	-	-	-	-	-	
38										4	4	4	4	4	4	
39										5	5	4	4	4	5	
40										2	2	3	2	2	3	
41										4	3	3	3	4	3	
42										3	3	3	3	3	3	

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz					Course Exit Survey						
	1	2	3	4	1	2	3	4	5	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
43										4	3	3	3	3	3	
44										-	-	-	-	-	-	
45										4	5	5	4	4	4	
46										5	5	5	5	5	5	
47										5	5	5	5	5	5	
48										5	5	5	5	5	5	
49										3	3	4	3	3	3	
50										3	3	3	3	3	3	
51										-	-	-	-	-	-	
52										4	4	4	4	4	4	
53										-	-	-	-	-	-	
54										3	3	3	3	4	3	
55										4	5	5	4	4	5	
56										-	-	-	-	-	-	
57										3	3	3	3	4	2	
58										5	5	5	5	5	5	
59										5	5	5	5	5	5	
60										5	4	5	5	4	5	
61										4	4	3	4	3	4	
62										5	5	4	4	5	5	
63										-	-	-	-	-	-	
64										-	-	-	-	-	-	
65										-	-	-	-	-	-	
66										3	3	4	3	3	4	
67										3	3	3	3	3	3	
68										4	5	5	4	4	5	
69																
70																
71																
72																
73																
74																
75																
76																
77																
78																
										4	4	4	4	4	4	


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Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CO1	UT1	6	Course Exit Survey
CO2	UT1	5	
CO3	UT1	9	
CO4	UT2	6	
CO5	UT2	7	
CO6	UT2	7	
All TH. Course Outcomes	University TH. Examination	80	--
All Course Outcomes	University OR/PR Examination	--	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	<i>UPTO 50%</i>	<i>BETWEEN 51 TO 65%</i>	<i>ABOVE 65%</i>
Internal Assessment	<i>UPTO 50%</i>	<i>BETWEEN 51 TO 65%</i>	<i>ABOVE 65%</i>
Course Exit Survey	<i>UPTO 50%</i>	<i>BETWEEN 61 TO 75%</i>	<i>ABOVE 75%</i>

Attainment of Course Outcomes :

Course Outcomes	Direct Method																Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)			
	Internal Assessment											University				Y1 = (0.4X1 + 0.6X2)			Course Exit Survey (Y2)		
	Test		Assignment				Quiz					Lab Work	Avg. (X1)	TH. Exam	OR/PR					Avg. (X2)	
	T1	T2	A1	A2	A3	A4	Q1	Q2	Q3	Q4	Q5										
CO1	3														3	3		3	3	3	3
CO2	3														3	3		3	3	3	3
CO3	3														3	3		3	3	3	3
CO4		3													3	3		3	3	3	3
CO5		3													3	3		3	3	3	3
CO6		3													3	3		3	3	3	3

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3		1	2	1	2		2			3	1	1	
CO2	3	3	3	2	2	2	2	1			2	2	3	2	
CO3	2	3	3	2	1	1		1	2	2	2	2	3	3	
CO4	3	2	2	2	3	2		1	2		2	2	3	3	
CO5	3	3	3	3	2	2			2	1	3	2	3	3	
CO6	3			2	1	1		1			1		1	1	
	2.83	2.80	2.75	2.00	1.83	1.50	2.00	1.00	2.00	1.50	2.00	2.20	2.33	2.17	

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Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CO1	UT1	6	Course Exit Survey
CO2	UT1	5	
CO3	UT1	9	
CO4	UT2	6	
CO5	UT2	7	
CO6	UT2	7	
All TH. Course Outcomes	University TH. Examination	80	--
All Course Outcomes	University OR/PR Examination	--	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	<i>UPTO 50%</i>	<i>BETWEEN 51 TO 65%</i>	<i>ABOVE 65%</i>
Internal Assessment	<i>UPTO 50%</i>	<i>BETWEEN 51 TO 65%</i>	<i>ABOVE 65%</i>
Course Exit Survey	<i>UPTO 50%</i>	<i>BETWEEN 61 TO 75%</i>	<i>ABOVE 75%</i>

Attainment of Course Outcomes :

Course Outcomes	Direct Method																		Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)	
	Internal Assessment												University			Y1 + (0.4X1 + 0.6X2)	Course Exit Survey (Y2)				
	Test		Assignment				Quiz					Lab Work	Avg. (X1)	TH. Exam	OR/PR			Avg. (X2)			
	T1	T2	A1	A2	A3	A4	Q1	Q2	Q3	Q4	Q5										
CO1	3														3	3		3	3	3	3
CO2	3														3	3		3	3	3	3
CO3	3														3	3		3	3	3	3
CO4		3													3	3		3	3	3	3
CO5		3													3	3		3	3	3	3
CO6		3													3	3		3	3	3	3

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3		1	2	1	2		2			3	1	1	
CO2	3	3	3	2	2	2	2	1			2	2	3	2	
CO3	2	3	3	2	1	1		1	2	2	2	2	3	3	
CO4	3	2	2	2	3	2		1	2		2	2	3	3	
CO5	3	3	3	3	2	2			2	1	3	2	3	3	
CO6	3			2	1	1		1			1		1	1	
	2.83	2.80	2.75	2.00	1.83	1.50	2.00	1.00	2.00	1.50	2.00	2.20	2.33	2.17	


Sign. of Teacher


Sign. of HOD


Sign. Of Principal

RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
Industrial Engineering and Management	MEC802	University Theory Exam	80	68	68	100	80	100
		Term Test	20	68	68	100	20	100
		OR/PR Exam	--	--	--	--	--	--

AKT

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PO/PSO	Target	Attainment	%	Observation	Action
PO1	2.83	2.83	100.00	NA	NA
PO2	2.80	2.80	100.00	NA	NA
PO3	2.75	2.75	100.00	NA	NA
PO4	2.00	2.00	100.00	NA	NA
PO5	1.83	1.83	100.00	NA	NA
PO6	1.50	1.50	100.00	NA	NA
PO7	2.00	2.00	100.00	NA	NA
PO8	1.00	1.00	100.00	NA	NA
PO9	2.00	2.00	100.00	NA	NA
PO10	1.50	1.50	100.00	NA	NA
PO11	2.00	2.00	100.00	NA	NA
PO12	2.20	2.20	100.00	NA	NA
PSO1	2.33	2.33	100.00	NA	NA
PSO2	2.17	2.17	100.00	NA	NA
Overall Attainment(Avg.)			100		

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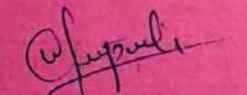
H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING


Name of Faculty : Uday Prajapati
Programme : Automobile Engg.
Course Name : Chassis and Body Engg.
Division : -
Year : FE / SE / TE / BE

Course Code : AEC 60L
Semester : VI

TIME TABLE

Days	Time	10:00 am to 11:00 am	11:00 am to 12:00 Noon	12:00 Noon to 01:00 PM	2:00 PM to 03:00 PM				
Monday									
Tuesday									
Wednesday			CBE(L)						
Thursday				CBE(L)					
Friday			CBE(L)						


Sign. of Teacher


Sign. of HOD

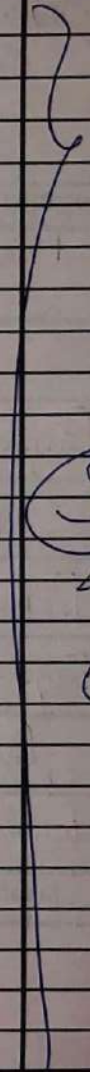
Course Outcomes :

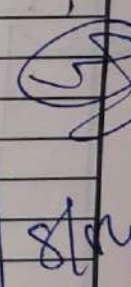
At the end of the course student will be able to:		PO/PSO	Bloom Level
CO01	Illustrate different types of Vehicle Structures	PO1, PO4, PO5 PSO1, PSO2	Understanding
CO02	Comprehend Various Loads acting on vehicle body	PO1, PO2, PO4	Evaluating
CO03	Illustrate different Vehicle body Styles	PO3, PSO1	Understanding
CO04	Classify different Materials related to Vehicle body	PO3, PSO1 PSO2	Understanding
CO05	Discuss aerodynamic Concept related to Vehicle body	PO1, PSO1 PSO2	Creating
CO06	Illustrate importance of thin walled structures in Vehicle body elements	PO1, PO3 PSO1	Understanding

Mapping of CO with PO : (Target Level)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
CO1	2			2	3								3	2		1: LOW 2: MODERATE 3: HIGH
CO2	3	2		1												
CO3			2										2			
CO4			3										2	2		
CO5	2												2	1		
CO6	1		3										2			
	2	2	2.67	1.5	3								2.2	1.67		

TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
I	Fundamental aspects of Vehicle body	1	Google Meet		10/02/21		
	1.1 Chassis & Structure types: open, semi integral, integral bus structures			10/02/21	11/02/21		
	Frames: Functions & types of Frames loads on frames & load distribution of Structures	1	(PPT) //	11/02/21	12/02/21		
	Classification of motor vehicle, location of P.P., location of different Chassis components	1	Google Meet	12/02/21	17/02/21		
	1.3 Terminologies & Overview of Structural Surface types	1	"	17/02/21	18/02/21		
	History & Overview of Structural types	1			18/02/21		
	Basic Concept of design	1		18/02/21	23/02/21		
	1.4 Vehicle body material introduction & Steel Sheet	1	"	19/02/21	26/02/21		
	Timber, plastic, FRP & GFRP etc.	1			26/02/21		
	II	Vehicle Body styles					
Car body details, Types of Car body Styles		1		24/02/21	01/03/21		
Visibility, drivers visibility & methods of improving visibility & space in cars		1	"		03/03/21		
Safety, Safety design & Safety equip. of cars	1		25/02/21	04/03/21			

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
	Car body Construction in detail.	1	"	26/02/21	04/03/21		
	Bus body details	1			05/03/21		
	Bus body layouts.	1			05/03/21		
	Construction details	1	"	03/03/21	05/03/21		
	Commercial Vehicle body details	1			10/03/21		
III	Vehicle Aerodynamics				12/03/21		
	Introduction & basic Concepts & Objectives	1	"	04/03/21	12/03/21		
	Vehicle drag & types	1					
	Various types of forces & moments	1			18/03/21		
	Effect of forces & moments.	1	"	05/03/21	19/03/21		
	Side wind, effects of forces & moment	1			24/03/21		
	Various body optimization technique	1			25/03/21		
	Optimization tech. for minimum drag	1	"	10/03/21	26/03/21		
	Calculation of drag.	1			31/03/21		
IV	Ergonomics & Preliminary design						
	Introduction, design, & req. of driver seat	1	"	12/03/21	01/04/21		
	Passenger & child seat	1	"	17/03/21	07/04/21		
	Vehicle body Weight analysis	1	"		07/04/21		
	Calculation of CG for Vehicle	1	"	18/03/21	07/04/21		
	Vehicle Weight distribution	1	"		08/04/21		
	Master model	1		19/03/21	08/04/21		

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
	Overall Criteria for vehicle Comparison	1		24/03/21	15/04/21		}
	In design		Google				
	Running cost, Overall design, efficiency	1	Meet	25/03/21	15/04/21		
V	Body Loads		(PPT)				}
	Bending	1		26/03/21	16/04/21		
	Torsion	1	"	31/03/21	22/04/21		
	Lateral braking & acceleration load, cases	1	"	01/04/21	23/04/21		
	Shear panel method	1	"	01/04/21	23/04/21		
	Static loading case	1	"	07/04/21	26/04/21		
	Asymmetric loading case	1	"	07/04/21	26/04/21		
	longitudinal loads	1	"	08/04/21	26/04/21		
	Side loads & Calculation of different cases.	1	"	09/04/21	26/04/21		
VI	Strength of Vehicle body elements						}
	Detailed description of thin walled Str. & their general principle.	1	"	15/04/21	29/04/21		
	Torsion	1	"	22/04/21	29/04/21		
	Torsion center	1	"	23/04/21	30/04/21		
	Forces in endloads carrying members	1	"	28/04/21	30/04/21		
	Effect of hole & spot welded joints	1	"	29/04/21	03/05/21		
	Manufacturing & Materials Understated trend in design	1	"	30/04/21	03/05/21		
	ULSAB Design, Tailored Blanks	1	"	06/05/21	06/05/21		
	Hydro forming tubular Sheet Stamping	1					

06/05/21

Name of Teacher : Uday Prajapati

THEORY ATTENDANCE SHEET

Class : T.E. SEM VI

Roll No.	Name of Student	Date																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Bane Pralhamesh	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Basav Raju Mohil	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Bhanushali Pankaj	P	P	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4	Bhavik Dodiya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Chaudhary Aman	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Chavare Arslaan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Dave Pratikumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Devgadkar Abel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Dhule Dhruv	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Graikwad Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Jadhav Ashish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Jadhav Avishkar Harsh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Kadam Omkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Kawli Kaimalya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Mahetar Ejay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Malbavi Usama	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Mezada Punif	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Mhatre Karan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Mishra Devashish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Musheer Ahmed	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Nadav Yovan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Nagori Usama	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Panchal Krupesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	Panchal Parth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Patel kunjail	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Patel Rusheng	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	Pathare Siddhesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	Penjari Rilitik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Rajpurvohif Vikas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Rane Omkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Satsangi Kashyap vivek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	Sawant Sahil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Shaikh Meh. Hussain	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Shaikh Meh. Rehan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	ShaikhMoh. Saquib	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Shaikh Saif Ali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Shinde Hrishikesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Siraj Ahmed Sharif	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Uday Prajapati
Sign. of Teacher

Semester : VI

THEORY ATTENDANCE SHEET

Subject : CBE

L. R.	Roll No.	Attnd.	
		MT (13)	ET (21) %
26	23/09/21	10	21 68
27	26/09/21	08	20 65
28	29/09/21	10	28 90
29	30/09/21	10	25 81
30	03/05/21	10	25 81
31	06/05/21	10	23 75
32		11	26 84
33		11	24 78
34		10	24 78
35		12	23 75
36		10	24 78
37		10	24 78
38		10	24 78
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45		10	24 78
46		10	24 78
47		10	24 78
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50		10	24 78
51		10	24 78
52		10	24 78
1	A	P	P
2	A	P	P
3	P	P	P
4	P	P	P
5	P	P	P
6	P	P	P
7	P	P	P
8	P	P	P
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20	P	P	P
21	P	P	P
22	P	P	P
23	P	P	P
24	P	P	P
25	P	P	P
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27	P	P	P
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30	P	P	P
31	P	P	P
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Sign. of HOD

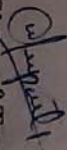
Sign. of Principal

THEORY ATTENDANCE SHEET

Name of Teacher :

Class :

Roll No.	Name of Student	Date		L.	N.
39	Sr Prag Shreekumar	P	10/02/21	1	
40	Surve Nikhil	P	11/02/21	2	
41	Tave Shubham	P	12/02/21	3	
42	Tejam Mohit	P	17/02/21	4	
43	Umeshela Mihir	P	18/02/21	5	
44	Mevada Ronak	P	23/02/21	6	
45	Saurant Omkar	P	26/02/21	7	
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 Sign. of Teacher

Semester :

THEORY ATTENDANCE SHEET

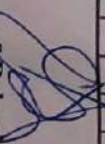
Subject :

L. R.	Roll No.	Attd.		
		MT (13)	ET (31)	%
26	23/6/21			
27	26/6/21			
28	25/08/21			
29	30/6/21			
30	22/6/21			
31	21/6/21			
32				
33				
34				
35				
36				
37				
38				
39				
40		12	30	97
41		09	21	68
42		08	18	59
43		11	26	84
44		09	20	65
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Sign. of HOD



Sign. of Principal



Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : PH10AEC601


Class : T.E.

Semester : VI

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance Planned	Date of Completion	Remark
1	Static Structural Analysis of C & I Section	B1	17/02/21	17/02/21	61 meet online
		B2			
		B3			
2	Static Structural Analysis of L & Tubular Section	B1	17/02/21	17/02/21	"
		B2			
		B3			
3	Static Structural Analysis of Hat & O Section.	B1	17/02/21	17/02/21	"
		B2			
		B3			
4	Assignment No. 1.	B1	23/02/21	23/02/21	Group Classroom
		B2			
		B3			
5	Assignment No. 2	B1	20/03/21	20/03/21	"
		B2			
		B3			
6	Modal analysis of C & I Section	B1	04/03/21	04/03/21	"
		B2			
		B3			
7	Assignment No: - 3	B1	25/03/21	25/03/21	Group Classroom
		B2			
		B3			
8	Modal Analysis of L & Tubular Section.	B1	04/03/21	04/03/21	"
		B2			
		B3			
9	Assignment No. 4	B1	15/04/21	15/04/21	Group Classroom.
		B2			
		B3			
10	Modal Analysis of Hat & O Section of chassis.	B1	04/03/21	04/03/21	"
		B2			
		B3			


Signature

Name of Faculty


Sign. of HOD

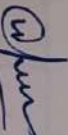
Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : Auto mobile / AEC 601

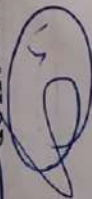
Class : T.E.

Semester : VI

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch			Date of Performance Planned	Date of Completion	Remark
		B1	B2	B3			
11	Harmonic Analysis of CG I Section	B1			24/03/21	"	
		B2					
		B3					
12	Assignment No. 5	B1			26/04/21	Google Classroom	
		B2					
		B3					
13	Harmonic Analysis of L & Tubular Section	B1			24/03/21	"	
		B2					
		B3					
14	Assignment No. 6.	B1			06/05/21	Google Classroom	
		B2					
		B3					
15	Harmonic Analysis of Hat & 0 Section.	B1			24/03/21	"	
		B2					
		B3					
16	Design & SSA of typical Auto. mobile chassis	B1			26/04/21	"	
		B2					
		B3					
17	Design & SSA of typical Automobile Chassis	B1			26/04/21	"	
		B2					
		B3					
18	Design & HA of typical automobile Chassis.	B1			26/04/21	"	
		B2					
		B3					
19		B1					
		B2					
		B3					
20		B1					
		B2					
		B3					


Signature

Name of Faculty


Sign. of HOD

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks (20)	TH. Attd. (5)	TW Marks (25)	Student Sign.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
1	04	3	4	4	4	4	3	4	4					09	01	10		
2	4	6	1	7	1	7	7	7	7					14	03	17		
3	8	8	8	8	7	8	8	7	8					16	04	20		
4	4	4	9	5	9	4	4	4	4					09	01	10		
5	8	8	9	8	8	8	8	8	9					08	04	20		
6	1	5	4	4	4	5	4	4	5					09	01	10		
7	7	6	7	7	7	6	6	7	7					04	03	17		
8	8	7	8	7	7	8	8	8	7					07	03	20		
9	8	8	8	8	8	8	8	8	8					08	04	20		
10	7	7	8	7	8	7	7	7	7					08	03	18		
11	8	8	8	8	7	9	7	7	7					08	04	20		
12	8	8	9	9	7	8	8	8	8					08	04	20		
13	8	8	8	8	7	8	8	8	8					08	04	20		
14	5	4	5	5	5	4	4	4	5					05	02	12		
15	8	7	7	8	8	8	8	8	7					08	04	20		
16	4	5	5	5	4	4	4	4	4					05	04	10		
17	8	8	8	8	9	8	8	8	8					08	04	20		
18	4	5	5	5	4	4	5	5	5					05	01	10		
19	5	5	5	4	5	4	4	5	5					05	01	11		
20	5	4	4	5	4	4	5	4	4					04	01	10		
21	7	6	7	7	6	7	7	6	6					07	02	16		
22	1	7	7	7	7	7	7	7	7					07	03	17		
23	8	8	8	7	8	8	8	8	8					08	04	20		
24	8	8	8	7	7	8	8	8	8					08	04	20		
25	8	9	8	8	8	8	8	7	7					08	04	20		
26	8	8	8	8	8	8	8	8	8					08	04	20		
27	4	4	4	4	5	4	4	5	5					05	01	10		
28	8	8	8	8	8	8	8	8	8					08	04	20		
29	7	8	7	8	7	8	8	8	8					08	03	18		
30	8	8	8	8	7	8	8	8	8					08	04	20		
31	7	7	7	8	8	7	8	8	8					08	03	18		
32	8	8	8	8	8	8	8	8	8					08	04	20		
33	7	7	7	7	6	7	7	7	7					07	03	17		
34	8	8	6	8	8	7	7	8	8					08	03	18		
35	7	7	8	8	7	7	8	7	7					08	04	20		
36	8	8	8	8	8	8	8	8	8					08	03	16		
37	5	4	6	6	7	7	8	6	6					07	01	10		
38	4	4	4	5	4	5	5	4	4					08	04	22		
39	8	9	9	9	8	9	9	9	9					08	01	10		
40	4	5	5	4	4	5	5	4	4					04	03	18		
41	7	6	7	8	7	6	6	7	7					08	03	18		
42	8	8	8	7	8	8	7	7	7					08	04	20		

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks (20)	TH. Attd. (05)	TW Marks (25)	Student Sign.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14					
43	8	8	8	7	8	8	8	7	8						8	16	04	20	
44																			
45																101			
46																597			
47																			
48																69.41%			
49																			
50																			
51																			
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78																			

Sign. of Teacher

Sign. of HOD

Sign. Of Principal

TEST MARKS

Roll No.	Term Test I						Term Test II						AVG. Test Marks (20)	University TH. Exam Marks (80)	University OR/PR Exam Marks (25)
	Q.1 (A) 10	Q.1 (B) 10	Q.1 (C) 10	Q.2 (5)	Q.3 (5)	Total Marks (20)	Q.1 (A) 10	Q.1 (B) 10	Q.1 (C) 10	Q.2 (5)	Q.3 (5)	Total Marks (20)			
1	06			03 02	11	08				09 03	14	14	44	14	
2	07			03 03	13	06			02 00	08	11	46	12		
3	04			03 04	14	07			04 02	13	14	45	14		
4	02			00 00	02	-			-	AB	11	50	AB		
5	09			04 03	16	06			03 02	11	14	49	18		
6	07			04 04	15	05			-	AB	8	44	AB		
7	06			02 03	11	07			02 03	12	12	46	20		
8	08			03 03	14	09			04 04	14	16	53	20		
9	08			04 04	16	08			03 02	13	15	52	18		
10	06			03 03	12	07			03 01	11	12	50	18		
11	08			03 04	15	08			04 02	14	15	46	19		
12	08			03 03	14	08			03 02	13	14	60	18		
13	08			03 02	13	08			02 01	11	12	40	15		
14	07			02 02	11	08			03 03	14	10	48	11		
15	09			03 02	14	08			03 02	13	13	49	11		
16	07			02 02	11	08			02 01	11	11	49	12		
17	08			04 04	16	07			02 00	09	15	54	15		
18	06			03 03	12	06			03 02	11	12	48	13		
19	08			02 03	13	08			02 00	10	14	54	18		
20	07			04 03	14	07			03 03	13	12	48	19		
21	08			03 03	14	07			03 02	12	14	48	15		
22	08			03 03	14	08			04 02	14	15	46	11		
23	07			03 03	13	08			01 00	09	13	52	11		
24	09			03 04	16	08			03 02	13	14	54	16		
25	10			04 03	14	09			03 03	15	16	54	22		
26	06			04 04	14	08			02 02	12	14	43	18		
27	04			02 02	8	08			03 01	12	09	43	12		
28	08			04 03	15	08			03 03	14	14	56	13		
29	06			04 04	14	08			02 03	13	12	43	15		
30	08			02 03	13	06			02 01	09	11	46	16		
31	07			04 03	14	07			03 02	12	13	48	16		
32	06			02 02	10	07			02 01	10	12	55	16		
33	08			04 03	15	07			02 00	09	13	51	20		
34	-			-	AB	08			03 01	12	08	50	12		
35	05			04 03	12	08			03 03	14	14	54	13		
36	08			04 02	14	07			03 00	10	15	49	16		
37	05			03 04	12	09			04 02	15	12	48	15		
38	06			03 02	11	09			04 03	16	09	41	14		
39	09			04 03	16	08			04 03	15	13	48	14		
40	07			03 03	13	06			02 00	08	11	51	14		
41	05			03 04	12	07			03 01	14	12	47	14		
42	07			04 04	15	08			03 02	13	14	43	14		

TEST MARKS

Roll No.	Term Test I						Term Test II						AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks			
43	08			02	02	12	08			02	03	13	13	46	14
44	Co	Co	Co	Co	Co										
45	I	II	III	IV	III		IV	V	VI	V	VI				
46	29.1			134	124		81.1		115	73				208.4	69.6
47	70.71%			63.8	59.04		75.85%		56.09	35.66				60.58%	61.67%
48															
49															
50															
51															
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74															
75															
76															
77															
78															

Total Marks = 1100 =
Total Students X Max. Marks
Appeared

67.25%
64.87%
65.97%
55.72%

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Sign. of Principal


Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	5	6	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
1	5	5	4	5	5	4			05	05	05	05	05	05	05
2	7	6	7	7	7	6			05	05	05	05	05	05	05
3	8	8	7	8	8	8			05	05	05	05	05	05	05
4	5	5	5	4	4	5			03	03	03	03	03	03	03
5	8	8	8	8	8	7			05	03	05	05	03	03	03
6	5	5	5	5	5	5			03	03	03	03	02	03	03
7	7	7	8	7	7	7			05	05	05	03	05	03	03
8	7	7	7	7	7	8			03	05	05	05	05	05	05
9	8	8	8	8	8	8			05	05	05	05	05	05	05
10	8	4	8	8	8	8			05	05	05	05	05	05	05
11	8	7	8	8	8	8			05	05	05	05	05	05	05
12	8	8	8	8	8	8			05	05	05	05	05	05	05
13	8	8	8	8	8	8			05	05	05	05	05	05	05
14	5	5	4	5	5	4			05	05	05	05	05	03	03
15	8	8	8	8	8	8			03	05	03	05	03	05	05
16	5	5	4	5	5	5			05	05	05	05	05	03	03
17	8	8	8	8	8	8			05	05	05	05	05	03	03
18	5	4	5	5	5	5			05	03	05	03	03	03	03
19	5	5	4	5	5	5			05	05	05	05	05	05	05
20	4	4	4	4	4	4			05	05	05	05	05	05	05
21	7	7	7	7	7	7			03	03	03	03	03	03	03
22	7	7	8	8	8	7			05	05	05	05	05	05	05
23	8	8	8	8	8	8			03	05	05	05	05	05	05
24	8	8	8	8	8	8			05	05	05	03	05	05	05
25	8	8	8	8	8	8			05	05	05	05	05	05	05
26	8	8	8	8	8	8			05	05	05	05	05	05	05
27	5	5	4	8	5	5			03	03	03	03	03	03	03
28	8	8	8	8	8	8			05	05	05	05	05	05	05
29	8	8	8	8	8	8			05	05	05	05	05	05	05
30	8	8	8	8	8	8			05	05	05	05	05	05	05
31	8	8	8	8	8	8			05	05	05	05	05	05	05
32	8	8	8	8	8	8			03	03	03	03	03	03	03
33	7	7	7	7	7	7			03	03	03	03	03	03	03
34	7	7	7	7	7	7			03	03	03	03	03	03	03
35	8	8	8	8	8	8			05	05	05	05	05	05	05
36	8	8	8	8	8	8			05	05	05	05	05	05	05
37	7	7	7	7	7	7			05	03	03	03	05	03	03
38	4	4	4	4	4	4			02	02	02	02	02	02	02
39	8	8	8	8	8	8			03	03	03	03	03	03	03
40	4	4	4	4	4	4			03	03	03	03	03	03	03
41	8	8	8	8	8	8			05	05	05	05	05	05	05
42	8	8	8	8	8	8			05	05	05	05	05	05	05

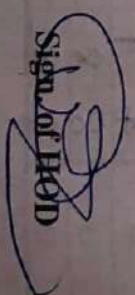
Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz	Course Exit Survey						
	1	2	3	4		Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
43	8	8	8	8	8							
44	I 300	II 306	III 300	IV 298	V 312	VII 292						
45												
46												
47	69-76	71-76	63-76	69-30	72-55	67-90	89%	97%	86%	81%	81%	86%
48	✓	✓	✓	✓	✓	✓						
49												
50												
51												
52												
53												
54												
55												
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77												
78												

Sign. of Teacher



Sign. of HOD



Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
AEC601.1	UNIT TEST--I	60	Course Exit Survey
	Lab work. 1,2,3 4,5,6,7,8,8g		
	Assignment 1		
	Unit Test - I		
AEC 601.2	Assignment 2	10	
	Unit test-I	7	
	Assignment 3	10	
AEC601.4	Unit Test-II	6	
	Assignment 4	10	
	Unit Test -II	7	
	Assignment 5	10	
AEC 601.5	Unit Test -II	7	
	Assignment 6	10	
AEC 601.6			
All TH. Course Outcomes	University TH. Examination		--
All Course Outcomes	University OR/PR Examination	25	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	≥ 40	≥ 50	≥ 60
Internal Assessment	≥ 40	≥ 50	≥ 60
Course Exit Survey	≥ 60	≥ 70	≥ 80

Attainment of Course Outcomes :

Course Outcomes	Direct Method														Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)				
	Internal Assessment										University						Course Exit Survey (Y2)			
	Test		Assignment →								Lab Work	Avg. (X1)	TH. Exam	OR/PR	Avg. (X2)			Y1 = (0.4X1 + 0.6X2)		
	T1	T2	A1	A2	A3	A4	A5	A6	Q3	Q4										
AEC601.1	3		3								3			3	3	3	3		3	3
AEC601.2	3			3										3	3	3	3	3	3	3
AEC601.3	3					3								3	3	3	3	3	3	3
AEC601.4		3					3							3	3	3	3	3	3	3
AEC601.5		3						3						3	3	3	3	3	3	3
AEC601.6		2							3					2.5	3	3	3	2.8	3	2.84

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
AEC601.1	2			2	3								3	2	
AEC601.2	3	2		1											
AEC601.3			2										2		
AEC601.4			3										2	2	
AEC601.5	2												2	1	
AEC601.6	0.94		2.84										1.89		
	1.985	2	2.61	1.5	3								2.17	1.67	

Sign. of Teacher

Sign. of HOD

Sign. of Principal

PO/PSO	Target	Attainment	% Attainment	Observation	Action
P01	2	1.98	99%		
P02	2	2	100%	Need to Raise attainment level	More focus
P03	2.67	2.61	97%	as well as target	Need in CG
P04	1.5	1.5	100%		
P05	3	3	100%		
PS01	2.2	2.17	98%		
PS02	1.67	1.67	100%		
Over all Attainment(Avg.)			99%		






H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

Name of Faculty : Minal Prakash Bhoir
Programme :
Course Name : Project Management
Division :-
Year : BE

Course Code : ILO8021
Semester : VIII

TIME TABLE										
Days	Time	10:00-10:50	11:00-11:50	12:00-12:50						
Monday										
Tuesday	PM									
Wednesday	PM									
Thursday	PM									
Friday										


Sign. of Teacher


Sign. of HOD


Course Outcomes :


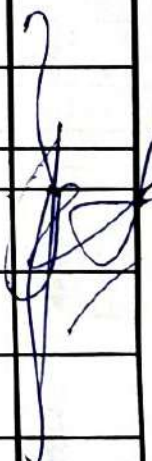
At the end of the course student will be able to:		PO/PSO	Bloom Level
1	Apply selection criteria and select an appropriate project from different options.	PO11	Applying
2	Write work break down structure for a project and develop a schedule based on it.	PO09	Understanding
3	Identify opportunities and threats to the project and decide an approach to deal with them strategically.	PO10	Analyzing
4	Use Earned value technique and determine & predict status of the project.	PO02	Applying
5	Capture lessons learned during project phases and document them for future reference	PO09	Understanding

Mapping of CO with PO : (Target Level)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
1											3					1 : LOW 2 : MODERATE 3: HIGH
2									3							
3										3						
4		3														
5									3							

TEACHING PLAN

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
1	Definition of a project, Project Vs Operations	1	Google meet, PPT	02-04-2021	02-04-2021	Completed	
1	Necessity of project management, Triple constraints	2	Google meet, PPT	02-09-2021	02-09-2021	Completed	
1	Project life cycles Project phases, Role of project manager	3	Google meet, PPT	02-10-2021	02-10-2021	Completed	
1	Negotiations, various organization structures.	4	Google meet, PPT	02-11-2021	02-11-2021	Completed	
1	PM knowledge areas as per Project Management Institute (PMI)	5	Google meet, PPT	16/02/2021	16/2/2021	Completed	
2	How to get a project started, Selecting project strategically	6	Google meet, PPT	17/02/2021	17/2/2021	Completed	
2	Project selection models (Numeric /Scoring Models and Non-numeric models) :	7	Google meet, PPT	18/02/2021	18/02/2021	Completed	
2	Project portfolio process, Project sponsor and creating charter	8	Google meet, PPT	23/02/2021	23/02/2021	Completed	
2	Project proposal	9	Google meet, PPT	24/02/2021	24/02/2021	Completed	
2	Effective project team, Stages of team development & growth	10	Google meet, PPT	25/02/2021	25/02/2021	Completed	
2	team dynamics.	11	Google meet, PPT	03-02-2021	03-02-2021	Completed	
3	Work Breakdown structure (WBS) and linear responsibility char	12	Google meet, PPT	03-03-2021	03-03-2021	Completed	
3	Interface Co-ordination and concurrent engineering	13	Google meet, PPT	03-04-2021	03-04-2021	Completed	
3	Project cost estimation and budgeting	14	Google meet, PPT	03-09-2021	03-09-2021	Completed	
3	Top down and bottoms up budgeting	15	Google meet, PPT	03-10-2021	03-10-2021	Completed	
3	Networking and Scheduling techniques	16	Google meet, PPT		13/03/2021	Completed	
3	PERT, CPM	17	Google meet, PPT	18/3/2021	18/3/2021	Completed	
3	, GANTT chart	18	Google meet, PPT	23/03/2021	23/03/2021	Completed	
3	System	19	Google meet, PPT	24/03/2021	24/03/2021	Completed	
4	Crashing project time, Resource loading and leveling	20	Google meet, PPT	25/03/2021	25/03/2021	Completed	
4	Goldratt's critical chain, Project Stakeholders	21	Google meet, PPT	30/03/2021	30/3/2021	Completed	
4	Communication plan	22	Google meet, PPT	04-01-2021	31/3/2021	Completed	
4	Risk management planning, Risk identification and risk register	23	Google meet, PPT	04-06-2021	04-01-2021	Completed	
4	Qualitative and quantitative risk assessment, Probability and impact matrix	24	Google meet, PPT	04-07-2021	06-Apr	Completed	
4	Risk response strategies for positive and negative risks	25	Google meet, PPT	04-08-2021	07-Apr	Completed	
5	Planning monitoring and controlling cycle	26	Google meet, PPT	15/04/2021	08-Apr	Completed	

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD	
5	Information needs and reporting, engaging with all stakeholders of the projects	27	Google meet, PPT	20/04/2021	15/4/2021	Completed		
5	Team management, communication and project meetings.	28	Google meet, PPT	22/04/2021	20/04/2021	Completed		
5	Earned Value Management techniques for measuring value of work completed	29	Google meet, PPT	27/04/2021	27/04/2021	Completed		
5	Using milestones for measurement; change requests and scope creep	30	Google meet, PPT	28/4/2021	28/4/2021	Completed		
5	Project audit	31	Google meet, PPT	28/4/2021	28/4/2021	Completed		
5	Project procurement management	32	Google meet, PPT	29/4/2021	29/4/2021	Completed		
5	Project Contracting contracting and outsourcing	33	Google meet, PPT	29/4/2021	29/4/2021	Completed		
6	Introduction to project leadership, ethics in projects. Multicultural and virtual projects	34	Google meet, PPT	05-04-2021	05-04-2021	Completed		
6	Customer acceptance; Reasons of project termination	35	Google meet, PPT	05-04-2021	05-04-2021	Completed		
6	Various types of project terminations	36	Google meet, PPT	05-05-2021	05-05-2021	Completed		
6	Process of project termination, completing a final report	37	Google meet, PPT	05-05-2021	05-05-2021	Completed		
6	Lessons learned analysis; acknowledging successes and failure	38	Google meet, PPT	05-06-2021	05-06-2021	Completed		
6	Project management templates and other resources; Managing without authority	39	Google meet, PPT	05-06-2021	05-06-2021	Completed		

THEORY ATTENDANCE SHEET

Semester : VIII

L. R.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	52	Attd.		
Roll No.	8-Apr	15-Apr	20-Apr	27-Apr	28-Apr	28/4/2021	29/4/2021	29/4/2021	5-Apr	5-Apr	5/5/201	5-May	6-May	6-May	Total	MT (19)	ET (20)	%
1	1		1		1	1	1	1	1	1	1	1	1	1	12	16	12	76
2	1		1	1	1	1	1	1	1	1	1	1	1	1	13	18	19	100
3	1	0	1	1	1	1	1	1	1	1			1		10	17	19	97
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	16	13	78
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	18	18	97
6	1	0	1	1	1	1	1	1	1	1	1				10	14	16	81
7	1	1	1	1	1	1	1	1	1	0	1				10	12	18	81
8	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	18	19	100
9	1	1	1	1	1	1	1	1	1	1		1	1	1	13	18	19	100
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	17	18	95
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	14	14	76
12	1	1	1	1	1	1	1	1	1	1	1				11	14	18	86
13	1	1	1	1	1	1	1	1	0	0		1	1	1	11	18	19	100
14	1	1	1	1	1	1	1	1	1	1		1	1	1	13	15	17	86
15	1	1	1	1	1	1	1	1	1	1		1	1	1	13	10	16	70
16	1	1	1	1	1	1	1	1	1	1		1	1	1	13	16	17	89
17	0	0	1	1	1	1	1	1	1	1	1				9	12	14	70
18	0	1	1	1	1	1	1	1	1	1					9	13	14	73
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	13	13	70
20	1	1	0	1	1	1	1	1	1	1					9	12	16	76
21	1	1		1	1	1	1	1	1	1	1	1	1	1	13	15	15	81
22	1	1	1	1	1	1	1	1	0	0	1				9	14	13	73
23	1	1	1	1	1	1	1	1	1	1		1	1	1	13	12	15	73
24	1	1	1	1	1	1	1	1	1	1		1	1	1	13	13	14	73
25	1	1	1	1	1	1	1	1	1	1					10	16	18	92
26	1	1	1	1	1	1	1	1	0	0	1	1	1	1	12	17	18	95
27	1	1	1	1	1	1	1	1	1	1		1	1	1	13	14	15	78
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	14	14	76
29	1	1	1	1	1	1	1	1	1	1	1				11	16	19	95
30	0	0	1	1	1	1	1	1	1	1		1	1	1	11	18	19	100
31	1	1	1	1	1	1	1	1	0	0	1	1	1	1	12	17	13	81
32	1	1	1	1	1	1	1	1	1	1		1	1	1	13	16	18	92
33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	18	16	92
34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	14	18	86
35	0	0	1	1	1	1	1	1	1	1	1				9	12	19	84
36	0	1	1	1	1	1	1	1	1	1		1	1	1	12	18	19	100
37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	18	18	97
38	1	1	0	1	1	1	1	1	1	1	1				10	17	14	84

Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : ILO8021


Class : BE

Semester : VIII

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Date of Performance Planned	Date of Completion	Remark
1	Assignment 1 (Chapter1)	18-Feb-21	25-Feb-21	Completed
2	Assignment 2 (Chapter 2)	04-Mar-21	24-Mar-21	Completed
3	Assignment 3 (Chapter 3 & 4)	30-Mar-21	15-Apr-21	Completed
4	Assignment 4 (Chapter 5)	20-Apr	04-May-21	Completed
5	Quiz 1	13/4/2021	13/04/2021	65 Students attend quiz
6	Quiz 2 (Module 6)	29/4/2021	29/4/2021	61 Students attend quiz


Signature

Name of Faculty



Sign. of HOD




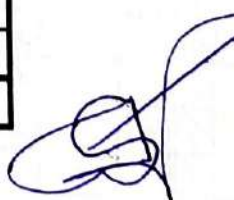
TEST MARKS

Roll No.	term test 1	term test 2	AVG. Test Marks	University TH. Exam Marks
	Total	Total		
	Marks	Marks		
1	12	12	12	69
2	15	13	14	68
3	14	14	14	70
4	15	11	13	66
5	14	13	14	68
6	14	13	14	70
7	14	13	14	68
8	15	11	13	65
9	13	14	14	60
10	15	13	14	70
11	14	12	13	64
12	17	13	15	73
13	15	13	14	62
14	14	13	14	69
15	15	13	14	64
16	16	13	14	67
17	12	12	12	69
18	15	11	13	68
19	14	11	13	68
20	17	13	15	69
21	16	14	15	69
22	15	10	13	65
23	16	13	15	69
24	15	12	14	64
25	13	11	12	68
26	15	12	14	68
27	15	11	13	62
28	13	12	13	68
29	14	13	14	69
30	14	9	12	65
31	16	13	13	66
32	16	14	15	66
33	15	12	14	67
34	15	14	15	70
35	15	14	15	67
36	13	12	13	67
37	14	13	14	69
38	16	13	15	65
39	-			
40	14	14	14	68
41	15	14	15	70
42	14	12	13	62

TEST MARKS				
Roll No.	Term test I	Term test II	AVG. Test Marks	University TH. Exam Marks
	Total	Total		
	Marks	Marks		
43	15	15	15	62
44	14	11	13	70
45	15	13	14	66
46	14	14	14	62
47	14	14	14	70
48	15	13	14	68
49	15	11	13	69
50	16	12	14	70
51	14	14	14	69
52	11	11	11	66
53	16	12	14	71
54	15	12	14	70
55	13	10	12	68
56	15	11	13	63
57	12	12	12	67
58	15	13	14	64
59	14	12	13	71
60	13	14	14	73
61	14	14	14	70
62	-			
63	15	12	14	67
64	13	13	13	66
65	15	11	13	70
66	-			
67	15	12	14	70
68	12	12	12	67
69	14	14	14	68
70	12	14	13	68
	2.00	3.00		3.00


Sign. of Teacher


Sign. of HOD


Sign. Of Principal



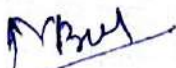
Assignment / Quiz Assessment Record


Roll No.	Assignment				Quiz		Course Exit Survey				
	1	2	3	4	1	2	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.
	20	20	20	20	20	20	3	3	3	3	3
2	8	8	8	7	14	20	2	3	2	2	2
2	6	6	8	0	8	20	2	2	3	2	3
3	8	7	8	5	14	20	2	2	3	2	2
4	8	8	8	4	10	8	2	2	2	2	2
5	8	8	8	8	14		3	3	2	2	3
6	8	8	8	7	20	20	2	3	2	2	2
7	8	8	8	7	14		3	2	2	2	3
8	8	8	8	7	14	20	2	3	2	2	2
9	8	8	8	6	14	20	3	3	2	3	2
20	7	7	8	6	16	20	3	3	3	3	3
22	8	8	8	7	14	20	3	2	3	2	3
22	7	8	8	7	14	20	3	2	3	3	3
23	8	8	7	6	20	20	2	2	2	2	2
24	8	7	8	8	20	18	2	2	2	2	2
25	8	8	8	8	12	18	2	3	3	3	3
26	8	8	7	4	6	18	3	3	2	3	3
27	7	8	8	8	10	20	3	3	3	2	2
28	8	8	7	7	20		3	3	2	2	2
29	8	8	8		14	20	2	3	2	2	2
20	8	8	7	7	14		3	2	2	2	3
22	9	7	7	7	8	20	2	3	2	2	2
22	7	8	8	0	14	20	3	3	3	3	3
23	7	8	7	8	10	20	3	2	3	2	3
24	8	8	8	6	14	20	3	2	3	3	3
25	8	8	7	8	20	20	2	2	2	2	2
26	7	8	8	8	14	20	2	2	2	2	2
27	6	8	8	8	14	20	2	3	3	3	3
28	8	8	8	8	14		3	3	2	3	3
29	8	7	7	4	16	18	3	3	3	2	2
30	8	7	7	7	14	20	3	3	2	2	2
32	8	7	9	7	14	20	2	3	2	2	2
32	7	8	8	7	20	20	3	2	2	2	3
33	8	8	8	7	20	20	2	3	2	2	2
34	7	8	7	4	12	20	3	3	3	3	3
35	7	8	9	8	6	20	3	2	3	2	3
36	8	8	8	7	10	20	3	2	3	3	3
37	8	8	8	8	20	20	2	2	2	2	2
38	7	7	7	7	14	20	2	2	2	2	2
39											
40	6	6	7	7	4	20	3	3	2	3	3
42	8	7	8	7	26	20	3	3	3	2	2
42	6	6	7	7	4	20	3	3	2	2	2
	3.00	3.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	2.00	3.00



Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz		Course Exit Survey				
	1	2	3	4	1	2	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.
	10	10	10	10	20	20	3	3	3	3	3
43	8	8	8	7	14	20	3	2	2	2	3
44	6	6	8	9	8	20	3	3	3	3	3
45	8	7	8	9	14	20	3	3	3	3	3
46	8	8	8	9	10	18	3	3	3	3	3
47	8	8	8	9	14	20	3	3	3	3	3
48	8	8	8	9	20	20	2	2	2	2	2
49	8	8	8	9	14	18	3	2	3	2	3
50	8	8	8	9	14	20	3	2	3	3	3
51	8	8	8	9	14	20	3	3	2	3	3
52											
53	10	10	10	10	14	20	3	3	3	3	3
54	10	9	10	10	14	20	3	3	3	3	3
55	10	10	10	10	20	20	3	2	3	3	3
56	10	10	10	10	20	20	3	3	3	3	3
57	10	8	8	10	12	20	3	3	3	3	3
58	8	8	7	4	6	20	3	3	3	3	3
59	7	8	8	8	10	10	3	3	3	3	3
60	10	10	10	10	20	20	3	3	3	3	3
61	10	9	10	10	14	20	2	3	2	2	3
62	10	10	10	10			3	3	3	3	3
63	10	10	10	10	18		3	3	3	3	3
64	10	8	8	10		20	3	2	2	3	3
65	10	8	7	8	16	18	3	3	3	3	3
66											
67	10	10	10	10	12	18	3	3	3	3	3
68	10	9	10	10	14	20	3	2	3	3	3
69	10	10	10	10	14	20	3	3	3	3	3
70	10	10	10	10	14	20	3	3	3	3	3
	3.00	3.00	2.00	3.00	2.00	2.00	3.00	3.00	2.00	2.00	3.00


Sign. of Teacher


Sign. of HOD

Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CO1	Quiz 1	10	Course Exit Survey
	Assingment 1	10	
	Test-1	10	
CO2	Quiz 1	10	
	Assingment 2	10	
	Test-1	10	
CO3	Assingment 3	10	
	Test-2	10	
CO4	Assingment 3	10	
	Test-2	10	
	Quiz 2	5	
CO5	Quiz 2	15	
	Assingment 4	10	
	test 2	10	
All TH. Course Outcomes	University TH. Examination	80	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination			3
Internal Assessment			3
Course Exit Survey			3

Attainment of Course Outcomes :

Course Outcomes	Direct Method														Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)		
	Internal Assessment										University						Y1 = (0.4X1 + 0.6X2)	Course Exit Survey (Y2)
	Test		Assignment				Quiz		Lab Work	Avg. (X1)	TH. Exam	OR/PR	Avg. (X2)					
	T1	T2	A1	A2	A3	A4	Q1	Q2										
CO1	2		3				2					2.33	3		3	2.7333	3.00	2.79
CO2	2			3			2					2.33	3		3	2.7333	2.00	2.59
CO3		2			2							2.00	3		3	2.6	2.00	2.48
CO4		2			2			3				2.33	3		3	2.7333	2.00	2.59
CO5		2				3		3				2.67	3		3	2.8667	3.00	2.89

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1										2.79				
CO2								2.59						
CO3									2.48					
CO4		2.59												
CO5								2.89						

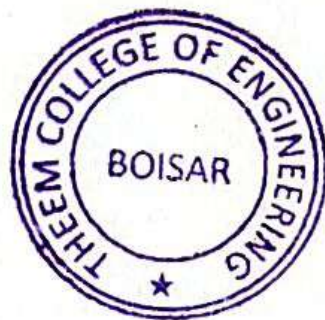


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PO/PSO	Target	Attainment	% Attainment	Observation	Action
PO11	3	2.79	92.89	Some what attainment targets of most POs had achieved.	Similar kind of strategy with higher target will be applied in coming sem.
PO9	3	2.59	86.22		
PO10	3	2.48	82.67		
PO2	3	2.59	86.22		
PO9	3	2.89	96.44		
Overall Attainment(Avg.)			88.89		



RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
PM	ILO8021	University Theory Exam	71	67	67	100%	71	100%
		Term Test	17	67	67	100%	17	88.05%



H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

Name of Faculty : Prof. Ansar Sheikh
Programme : Civil Engg.
Course Name : CM
Division :
Year : FE / SE / TE / BE ✓

Course Code : CEC-802
Semester : VIII

TIME TABLE									
Days	Time	10.00 TO 10.50	10.00 TO 11.50	12.00 TO 12.50	1.00 TO 1.50				
Monday		CM							
Tuesday			CM						
Wednesday									
Thursday			CM						
Friday									

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Course Outcomes :

At the end of the course student will be able to:		PO/PSO	Bloom Level
CEC 802.1	Understand & apply the knowledge of management function	PO5/PO6 PSO1	Understanding
CEC 802.2	Prepare feasible project schedule by using various techniques	PO10/PSO1	Creating
CEC 802.3	Gain knowledge of managing various resources & Recommend	PO2/PSO1	Understanding
CEC 802.4	Develop optimum relationship bet ⁿ time & cost for const. project	PO2/PSO1	Creating
CEC 802.5	Implement quality & safety measures on const. site	PO3/PSO1	Applying
CEC 802.6	Understand the importance of labour legislation	PO9/PSO1	Understanding

Mapping of CO with PO : (Target Level)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
CEC 802.1					2	2							2			1: LOW 2: MODERATE 3: HIGH
CEC 802.2										2			2			
CEC 802.3		2											2			
CEC 802.4		2											2			
CEC 802.5			2										2			
CEC 802.6									2				2			
Avg.		2	2		2	2			2	2			2			

TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of H D
1	Introduction to construction Management						
1.1	Concept of Management		} Google Meet Online	1/2/21	1/2/21		} <i>[Signature]</i>
1.2	Principal of Management			1/2/21	1/2/21		
1.3	Contribution by eminent personalities			2/2/21	2/2/21		
1.2	Significance of construction Management			4/2/21	4/2/21		
1.2	Objectives & function of Const. Management			4/2/21	4/2/21		
1.3	Resource required for construction			4/2/21	4/2/21		
2	Construction Projects						
2.1	Role of const. Industry in economic development		} Google Meet online	8/2/21	8/2/21		} <i>[Signature]</i>
2.2	Unique features of construction Industry			8/2/21	8/2/21		
2.3	Construction Project classification			9/2/21	9/2/21		
2.4	Role & responsibilities of various agencies			9/2/21	9/2/21		
2.5	Pre-requisites of commencing const. work			11/2/21	11/2/21		
2.6	Site-layout organizing & Mobilizing site			11/2/21	11/2/21		
3	Construction Project Planning & Scheduling						
3.1	Stages of Planning in the view of owner/Dept.			15/2/21	15/2/21		} <i>[Signature]</i>
3.2	W.B.S, Bar Chart			16/2/21	16/2/21		
3.3	Network - Terminology, network rules			18/2/21	18/2/21		
3.3	Fulkerson's rule, skip numbering			18/2/21	18/2/21		
3.4	CPM - Activity & Event			22/2/21	22/2/21		
3.4	Their types, activity times event times			23/2/21	23/2/21		
3.4	Critical path forward path, Backward			23/2/21	23/2/21		
3.4	Float & its types			25/2/21	25/2/21		

2

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
3.5	P.E.R.T - Assumption			1/3/21	1/3/21		[Signature]
3.5	PERT analysis time estimates			2/3/21	2/3/21		
3.5	Stack & it's types			4/3/21	4/3/21		
3.5	Probability of completing Project			8/3/21	8/3/21		
4	Resource Management & Allocation						[Signature]
4.1.1	Material Management - Importance		Google Meet Online	9/3/21	9/3/21		
4.1.1	Objectives, function of M.M			9/3/21	9/3/21		
4.1.1	Inventory control			18/3/21	18/3/21		
4.1.1	A.B.C Analysis, EOQ etc.			22/3/21	22/3/21		
4.2	Human resource Management			23/3/21	23/3/21		
4.2	Manpower Planning, recruitment			25/3/21	25/3/21		
4.2	Selection training			25/3/21	25/3/21		
4.2	Performance evaluation of workers			30/3/21	1/4/21		
4.3	R.A.M - Resource levelling			1/4/21	1/4/21		
4.3	Resource smoothing			5/4/21	5/4/21		
5	Project Monitoring & Cost Control						[Signature]
5.1	Supervision, record-keeping		Google Meet Online	6/4/21	5/4/21		
5.1	Periodic progress reports etc.			6/4/21	5/4/21		
5.2	Purpose of frequency of updating			8/4/21	8/4/21		
5.2	Method of updating a network etc.			12/4/21	8/4/21		
5.3	Time cost optimization in const. project			15/4/21	15/4/21		
5.3	Compression & decompression of network			19/4/21	19/4/21		
5.4	Common causes of time over run			20/4/21	20/4/21		
5.4	Cost overrun & corrective measures			20/4/21	20/4/21		

3

THEORY ATTENDANCE SHEET

Semester : VIII

Subject : CM

Lr. No.	Roll No.	Attendance																															MT (12)	ET (93)	Attd. %	
		26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52								
39	20/4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	29	88	
40	22/4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	18	55
41	26/4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	3	9	9
42	27/4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	27	82	
43	29/4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6	21	64	
44	31/5	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	29	88	
45	4/5	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	21	64	
46	6/5	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	15	45	
47		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	12	21	84		
48		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	3	9	27		
49		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	5	14	42		
50		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	3	9	9		
51		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6	18	55		
52		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	31	94		
53		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	1	7	21		
54		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6	8	24		
55		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	26	79		
56		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	9	27		
57		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	12	32	97		
58		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	24	73		
59		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	15	45		
60		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	10	30		
61		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2	15	45		
62		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	24	73		
63		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	19	58		
64		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	23	70		
65		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	19	58		
66		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	23	70		
67		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	20	61		
68		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6	13	39		
69		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	5	12	36		
70		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	0	10	30		
71		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	20	61		
72		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	5	16	48		
73		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	24	73		
74		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6	12	36		
75		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	19	58		
76		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	11	31	94		
77		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	6	18		
78		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	26	79		
79		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	17	52		
80		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	19	58		
81		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	8	23	70		
82		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	11	26	79		
83		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	11	30	84		
84		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	12	32	94		
85		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	21	64		
86		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	21	64		
97		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	21	64		

Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : CEC-802

Class : B.C

Semester : VIII

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance Planned	Date of Completion	Remark
1	Assignment NO.1	B1	4/2/21	5/2/21	
		B2	4/2/21	5/2/21	
		B3	4/2/21	5/2/21	
2	Assignment NO.2	B1	11/2/21	18/2/21	
		B2	11/2/21	18/2/21	
		B3	11/2/21	18/2/21	
3	Assignment NO.3	B1	8/3/21	28/3/21	
		B2	8/3/21	28/3/21	
		B3	8/3/21	28/3/21	
4	Assignment NO.4	B1	5/4/21	15/4/21	
		B2	5/4/21	15/4/21	
		B3	5/4/21	15/4/21	
5	Assignment NO.5	B1	20/4/21	27/4/21	
		B2	20/4/21	27/4/21	
		B3	20/4/21	27/4/21	
6	Assignment NO.6	B1	6/5/21	8/5/21	
		B2	6/5/21	8/5/21	
		B3	6/5/21	8/5/21	
7	/	B1			
		B2			
		B3			
8	/	B1			
		B2			
		B3			
9	/	B1			
		B2			
		B3			
10	/	B1			
		B2			
		B3			


Signature

Name of Faculty


Sign. of HOD

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks ()	TH. Attd. ()	TW Marks (95)	Student Sign.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
1	8	8	8	8	8	8												20		
2	8	8	7	7	8	8													19	
3	8	9	8	8	9	8													21	
4	8	8	8	7	4	7													18	
5	8	8	8	7	8	7													19	
6	8	8	8	7	7	8													17	
7	8	8	8	7	8	8													18	
8	8	7	7	8	6	6													14	
9	8	8	7	7	8	8													18	
10	8	8	8	8	7	7													19	
11	8	8	7	8	8	7													20	
12	8	8	8	8	8	8													18	
13	8	8	7	7	8	8													18	
14	8	8	8	7	7	7													19	
15	8	8	7	7	8	7													19	
16	8	8	8	8	7	7													18	
17	7	7	7	8	8	8													23	
18	10	10	10	10	9	9													19	
19	8	8	7	8	7	8													18	
20	7	7	7	8	8	8													18	
21	7	7	7	8	8	8													18	
22	8	8	7	8	7	7													18	
23	7	7	8	8	7	7													20	
24	8	8	8	8	8	8													22	
25	9	9	9	9	9	9													18	
26	7	8	7	8	8	7													19	
27	8	8	7	7	8	7													18	
28	7	7	8	8	7	7													17	
29	8	7	8	8	7	7													18	
30	8	8	8	7	7	7													18	
31	8	8	8	7	7	7													17	
32	7	8	6	6	6	7													17	
33	8	8	6	6	6	7													18	
34	8	8	7	7	8	8													18	
35	8	8	7	8	7	8													18	
36	8	8	7	8	7	8													20	
37	8	8	8	8	8	8													18	
38	7	7	8	8	8	8													19	
39	8	8	9	8	8	8													18	
40	8	8	7	7	8	8													18	
41	8	7	8	8	9	8													20	
42	8	9	8	8	8	8														



FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks ()	TH. Attd. ()	TW Marks (25)	Student Sign.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
43	6	6	7	9	9	7												17		
44	7	7	8	8	8	8												19		
45	8	8	7	8	8	8												18		
46	8	7	8	8	7	8												20		
47	8	8	8	8	7	8												18		
48	8	8	7	7	8	8												17		
49	6	6	7	7	8	8												17		
50	7	7	8	8	8	6												20		
51	8	8	8	8	8	8												20		
52	8	9	9	9	9	9												22		
53	7	7	8	8	8	8												17		
54	8	8	7	7	8	8												18		
55	8	8	8	8	7	8												19		
56	7	8	8	8	7	8												22		
57	9	9	9	9	9	9												19		
58	8	8	7	8	8	8												18		
59	7	7	8	8	8	8												18		
60	6	6	8	8	7	8												17		
61	8	8	7	7	8	6												17		
62	8	8	7	7	8	8												18		
63	7	7	8	8	8	8												18		
64	7	7	8	8	8	8												20		
65	8	8	8	8	8	8												20		
66	8	8	8	8	8	8												20		
67	8	8	8	8	8	8												20		
68	8	7	8	7	8	8												19		
69	7	7	8	8	8	8												19		
70	7	8	7	8	8	6												17		
71	8	8	7	8	8	8												18		
72	8	8	7	8	8	8												18		
73	7	7	8	8	8	8												17		
74	6	6	8	8	8	7												17		
75	8	8	7	8	8	8												17		
76	7	7	8	8	8	8												18		
77	6	7	8	8	7	8												17		
78	7	8	8	8	7	8												19		
79	8	8	7	8	8	7												18		
80	7	8	7	8	8	8												18		
81	7	7	8	8	8	7												18		
82	8	8	8	8	8	8												20		
83	8	8	8	8	8	8												21		
84	7	8	7	8	8	8												18		
85	8	8	8	8	8	8												20		
86	6	6	6	6	6	6												15		
87	8	8	7	8	8	8												19		

16

[Signature]

TEST MARKS

Roll No.	Term Test I						Term Test II						AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks			
1	10	-	-	8		18	10	-	-	9	1	19	19	59	18
2	10	-	-	5		15	10			9		19	19	70	17
3	10	-	-	7		17	10			9		19	18	69	20
4	9	-	-	5		14	9			9		18	16	61	18
5	8	-	-	6		14	10			10		20	17	68	18
6	9	-	-	6		15	10			7		17	16	65	17
7	9	-	-	6		15	9			10		19	17	72	18
8	9	-	-	7		16	10			2		12	14	65	17
9	9	-	-	7		16	10			10		20	18	64	18
10	9	-	-	7		16	10			9		19	18	67	19
11	9	-	-	7		16	10			10		20	18	74	18
12	10	-	-	7		17	10			9		19	18	68	18
13	9	-	-	3		12	10			8		18	15	63	17
14	9	-	-	5		14	10			9		19	17	66	17
15	8	-	-	7		15	10			9		19	17	65	18
16	9	-	-	7		16	9			9		18	17	71	18
17	0	-	-	0		0	9			9		18	15	66	17
18	9	-	-	8		17	10			10		20	19	75	22
19	9	-	-	7		16	7			3		10	13	55	18
20	10	-	-	7		17	10			8		18	18	67	17
21	9	-	-	5		14	9			6		15	15	65	18
22	9	-	-	6		15	10			9		19	17	70	17
23	9	-	-	6		15	10			10		20	18	72	17
24	10	-	-	6		16	10			8		18	17	70	19
25	9	-	-	7		16	10			9		19	18	63	20
26	9	-	-	6		15	10			9		19	17	66	18
27	9	-	-	7		16	10			9		19	18	64	18
28	9	-	-	7		16	10			8		18	17	62	17
29	9	-	-	6		15	10			9		19	17	69	17
30	16	-	-	6		16	10			8		18	17	66	18
31	9	-	-	7		16	10			6		16	16	71	17
32	9	-	-	6		15	9			8		17	16	59	17
33	0	-	-	0		0	10			10		20	10	61	17
34	9	-	-	6		15	10			8		18	17	64	17
35	9	-	-	6		15	10			7		17	13	53	17
36	9	-	-	6		15	10			9		19	17	71	17
37	10	-	-	6		16	10			10		20	18	69	18
38	9	-	-	7		16	10			10		20	18	70	17
39	9	-	-	6		15	10			8		18	17	65	18
40	9	-	-	5		14	8			9		17	16	68	18
41	8	-	-	6		14	10			10		20	17	69	17
42	9	-	-	7		16	10			10		19	18	67	20

TEST MARKS

Roll No.	Term Test I					Term Test II					AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks		
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2				Q.3	Total Marks
	43	9			6	15	10			2					
44	9			7	16	9			10			19	18	55	18
45	9			7	16	10			10			20	18	69	18
46	8			6	14	10			8			18	16	68	17
47	9			8	17	10			9			19	18	73	19
48	9			6	15	9			9			18	17	68	18
49	9			6	15	10			10			20	18	68	18
50	9			6	15	9			8			17	16	62	17
51	9			7	16	10			9			19	18	69	18
52	9			7	16	10			8			18	17	64	20
53	9			6	15	9			8			17	16	67	17
54	9			5	14	10			8			18	16	68	17
55	10			7	17	10			10			20	19	69	19
56	9			7	16	9			9			12	14	69	18
57	10			6	16	10			8			18	17	62	21
58	9			6	15	10			8			18	17	62	18
59	10			7	17	10			9			19	18	59	17
60	10			6	16	9			8			17	17	69	17
61	9			7	16	10			8			18	17	67	17
62	10			6	16	11			10			20	18	67	18
63	9			6	15	9			8			17	16	64	18
64	9			8	15	9			9			18	17	63	17
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66	9			8	17	10			10			20	19	66	19
67	9			8	17	10			9			19	18	63	18
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71	9			7	16	8			10			18	17	64	18
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73	9			6	15	10			9			19	17	69	17
74	10			6	16	10			9			19	18	65	17
75	10			7	17	10			10			20	19	65	18
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78	9			7	16	10			6			16	16	65	18
79	9			7	16	10			8			18	17	64	18
80	10			5	15	8			9			17	16	66	18
81	9			6	15	10			9			19	17	67	18
82	7			7	14	10			9			19	17	72	20
83	10			8	18	10			10			20	19	62	20
84	9			5	14	10			8			18	16	63	19
85	10			7	17	10			9			19	18	66	20
86	8			5	13	10			4			12	13	67	15
87	8			6	14	10			9			19	17	67	18

78

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Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
1	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
2	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
3	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
4	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
5	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
6	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
7	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
8	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
9	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
10	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
11	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
12	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
13	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
14	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
15	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
16	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
17	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
18	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
19	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
20	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
21	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
22	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
23	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
24	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
25	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
26	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
27	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
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41	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
42	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
43	/	/	/	/	/	/	/	/	3	5	5	5	5	5	5
44	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
45	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
46	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
47	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
48	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
49	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
50	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
51	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
52	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
53	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
54	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
55	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
56	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
57	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
58	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
59	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
60	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
61	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
62	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
63	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
64	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
65	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
66	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
67	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
68	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
69	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
70	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
71	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
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73	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
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75	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
76	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
77	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
78	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
79	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
80	/	/	/	/	/	/	/	/	5	5	5	5	5	5	5
									87	86	84	88	85	87	87
									81	89	83	84	85	86	86
									87	86	84	88	85	87	87


Sign. of Teacher


Sign. of HOD

Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CEC 802.1	TEST - I Assignment I	8 5	Course Exit Survey
CEC 802.2	TEST - I	4	
	Assignment - II	2	
CEC 802.3	Assignment - III	5	
	TEST - I		
	TEST - II		
CEC 802.4	Assignment - II	6	
	Assignment - II	3	
CEC 802.5	TEST - II	8	
	Assign. - I	4	
CEC 802.6	TEST - II	4	
	Assign. - III	2	
All TH. Course Outcomes	University TH. Examination	80	--
All Course Outcomes	University OR/PR Examination	25	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	50 to 55	56 to 60	61 to 65
Internal Assessment	50 to 55	56 to 60	61 to 65
Course Exit Survey	66 to 65	66 to 70	71 to 75

RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
Construction Management	CEC-802	University Theory Exam	80	87	87	100	75	100
		Term Test	20	87	87	100	19	100
		OR/PR Exam	25	87	87	100	22	100



H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

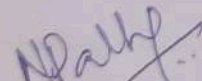
Name of Faculty : Prashant H Rathod
Programme : Computer Engineering
Course Name : Artificial Intelligence
Division :
Year : FE / SE / TE / BE

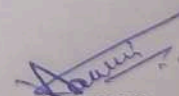
Course Code : CSC703
Semester : VII


BE

TIME TABLE

Days	Time	10:00 to 11:00 Am	11:00 to 12:00 PM	12:00 to 1:00 PM	1:00 to 2:00	2:00 to 3:00 PM	3:00 to 4:00 PM	4:00 to 5:00 PM		
Monday						AISC LAB				
Tuesday				AISC						
Wednesday				AISC		AISC LAB				
Thursday						AISC LAB				
Friday			AISC							

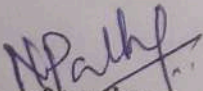

Sign. of Teacher

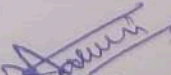

Sign. of HOD

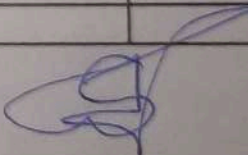


TEACHING PLAN (THEORY)

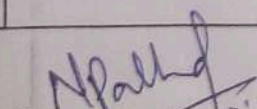
Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
Introduction and Definition of Artificial Intelligence	3	G-MEET	20 Jul 20	20 Jul 20		
Intelligent Agents : Agents and Environments			21 Jul 20	21 Jul 20		
Rationality, Nature of Environment, Structure of Agent, types of Agent			23 Jul 20	23 Jul 20		
Soft Computing: Introduction of soft computing, soft computing vs. hard computing, various types of soft computing techniques.						
Problem Solving Agent, Formulating Problems, Example Problems		G-MEET	27 Jul 20	27 Jul 20		
Uninformed Search Methods: Depth Limited Search, Depth First Iterative Deepening (DFID)			28 Jul 20	28 Jul 20		
Informed Search Method: A* Search			30 Jul 20	30 Jul 20		
Optimization Problems: Hill climbing Search			3 Aug 20	3 Aug 20		
Simulated annealing,			4 Aug 20	4 Aug 20		
Genetic algorithm			6 Aug 20	6 Aug 20		
			10 Aug 20	10 Aug 20		
Knowledge based agents		G-MEET	11 Aug 20	11 Aug 20		
First order logic: syntax and Semantic			13 Aug 20	13 Aug 20		
Knowledge Engineering in FOL			17 Aug 20	17 Aug 20		
Inference in FOL : Unification			18 Aug 20	18 Aug 20		
Forward Chaining,			21 Aug 20	21 Aug 20		
Backward Chaining and Resolution			24 Aug 20	24 Aug 20		
Planning Agent			25 Aug 20	25 Aug 20		
Partial Order, Hierarchical Order, Conditional Order			28 Aug 20	28 Aug 20		

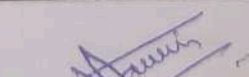

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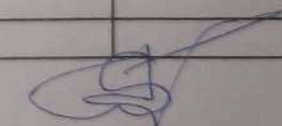

Sign of HOD


Sign of Principal

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
4	Introduction to Fuzzy Set: Fuzzy set theory,	10	G-MEET	31-Aug-20	31-Aug-20		
	Fuzzy set versus crisp set,			1 Sep 20	1 Sep 20		
	Crisp relation & fuzzy relations, membership functions			7 Sep 20	7 Sep 20		
	Fuzzy Logic: Fuzzy Logic basics			8 Sep 20	8 Sep 20		
	Fuzzy Rules and Fuzzy Reasoning			10 Sep 20	10 Sep 20		
	Fuzzy inference systems: Fuzzification of input variables			14 Sep 20	14 Sep 20		
	defuzzification			15 Sep 20	15 Sep 20		
	fuzzy controllers			17 Sep 20	17 Sep 20		
				21 Sep 20	21 Sep 20		
5	Introduction – Fundamental concept–Basic Models of Artificial Neural Networks	8	G-MEET	26 Sep 20	26 Sep 20		
	– Important Terminologies of ANNs –			26 Sep 20	26 Sep 20		
	McCulloch-Pitts Neuron			27 Sep 20	27 Sep 20		
	Neural Network Architecture: Perceptron			29 Sep 20	29 Sep 20		
	Single layer Feed Forward ANN, Multilayer Feed Forward ANN,			29 Sep 20	29 Sep 20		
	Activation functions,			1-Oct-20	1-Oct-20		
	Delta learning rule, Back Propagation algorithm			1-Oct-20	1-Oct-20		
	Un-Supervised Learning algorithm: Self Organizing Maps			5-Oct-20	5-Oct-20		
6	Hybrid Approach - Fuzzy Neural Systems	3		6-Oct-20	6-Oct-20		
	Expert system : Introduction, Characteristics, Architecture			6-Oct-20	6-Oct-20		
	Stages in the development of expert system,			8-Oct-20	8-Oct-20		


Sign of teacher


Sign of HOD


Sign of Principal

THEORY ATTENDANCE SHEET

Name of Teacher :

Class : BE

Roll No.	Name of Student	L.N.	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
30	PAWAR SAMRAT PRADEEP		20-Jul	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	PIPALIYA PRAMOD HASMUKH		21-Jul	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	PRAJAPATI ALVIN RAMCHANDRA		23 Jul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	RAI SHOBHA BHARAT MEEERA		27 Jul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	RAJANI FORUM MUKESH RUPAL		28 Jul	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	RAJPUT AKSHAY MEJARSINGH		30 Jul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	RANA JEMISH JAYKUMAR JYOTTI		3 Aug	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
46	RANVA KALPESH KHODIDAS		4 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	RAUT DUHITA BHUPENDRA		6 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	SALUNKHE SIDDHESH SUNIL		10 Aug	P	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	SANE NIRANJAN VIVEK VINITA		11 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	SAPRE AMOGH PURUSHOTTAM		13 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	SATHE MASUMA HASHAM		9 Aug	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	SAYED SHAHID WAJID ABEDA		10 Aug	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	SHAH WASI HUSSEIN ASMA		11 Aug	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	SHAHAB USAID ZAID FARHAT		13 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	SHAIKH WASEEM AHMAD		9 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	SHAIKH ABDUL RAHIM ABDUL		10 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	SHAIKH ALFIYA SALIM NAJAKAT		11 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	SHAIKH FAZAL SADIK SHEHNAZ		13 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	SHARMA VAIBHAV BRAJESH		9 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	SHETTY HEMANT ASHOK		10 Aug	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	SIDDIQUI FARAN SHAHIID ALI		11 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	SINGH HEMANT ANIL PREMA		13 Aug	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	SINGH SACHIN RAJESH RENU		9 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	THAKUR ANKIT NARESH		10 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	TIWARI MANISH DILIP SANGEETA		11 Aug	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	YADAV AMAN PHULENA PRASAD		13 Aug	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	YADAV RAHUL RAM NEETA		9 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	YADAV SURAJ HARISHANKAR		10 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	MEMON MINAZ HANIF RAISA		11 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	SONDE MAAZ HASAN GAZALA		13 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	AWADAN AKSHAY BALU		9 Aug	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sign. of Teacher

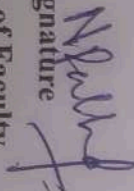


Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Plan

Course Name & Code : AISC

Class : GE Semester : VII

Exp No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance Planned	Date of Completion	Remark
1	Select a problem statement relevant to AI	B1	26 Jul 20	02/08/20	
		B2			
		B3			
2	Introduce PROLOG programming	B1	2 Aug 20	09/08/20	
		B2			
		B3			
3	Start Implementation Knowledge Representation and Create Knowledge Base	B1	9 Aug 20	16/08/20	
		B2			
		B3			
4	Implement search algorithms to reach goal state	B1	16 Aug 20	23/08/20	
		B2			
		B3			
5	To implement Mc-Culloch Pitts Model for a problem	B1	23 Aug 20	30/08/20	
		B2			
		B3			
6	To implement Fuzzy Controller system	B1	30 Aug 20	06/09/20	
		B2			
		B3			
7	To implement Basic Supervised / Unsupervised Neural Network learning rules for a problem.	B1	6 Sep 20	13/09/20	
		B2			
		B3			
8	Case study on Hybrid Systems	B1	13 Sep 20	20/09/20	
		B2			
		B3			
9	Case study of an Application	B1	20 Sep 20	20/09/20	
		B2			
		B3			
10		B1			
		B2			
		B3			


 Signature
 Name of Faculty


 Sign. of HOD

PRACTICAL ATTENDANCE SHEET

Subject : AISC

Semester : 7

Div. :

Batch : B1

Roll No.	Name of Student	Date								
		26 Jul	2 Aug	9 Aug	16 Aug	23 Aug	30 Aug	6 Sep	13 Sep	20 Sep
1	AHIR PRANAV JIVRAJ LABHU	P	A	P	A	P	A	P	P	P
2	AHMED ANSAR JALIL KAISAR	P	A	P	P	A	P	A	P	P
3	AMBEKAR VAIBHAV SANJAY MOHINI	P	A	P	P	A	P	A	P	A
4	ANSARI JAMIL AHMED JAMILA	P	P	P	P	P	P	P	P	P
5	ANSARI MOHD TALIB SHUKRULLAH HUSNA	P	P	P	P	P	P	P	P	P
6	BHAGAT SHAILESH BHAGWAN MANJU	P	P	P	P	P	P	P	P	P
7	BHOI MEHUL DILIP SUNITA	P	P	P	P	P	P	P	P	P
8	BIND ASHISH RAJESH DURGAWATI	P	P	P	P	P	P	P	P	P
9	CHAUBEY AMOD OMPRAKASH SNEHALATA	P	P	P	P	P	P	P	P	P
10	CHAUDHARI PRANAV SACHIN VAISHALI	P	P	P	P	P	P	P	P	P
11	DAMANWALA SARIYA NADEEM AREFA	P	P	P	P	P	P	P	P	P
12	DAVANE ABHINIT DEEPAK CHINMAYI	P	P	P	P	P	P	P	P	P
13	GADDI KHURSHED RAZZAK MASALI	P	P	P	P	P	P	P	P	P
14	GHARAT ANJALI ANIL ASHA	P	P	P	P	P	P	P	P	P
15	GIRI ABHAYKUMAR BHANUPRATAP KIRAN	P	P	P	P	P	P	P	P	P
16	GUJARE AVINASH RAMESH SANGEETA	P	P	P	P	P	P	P	P	P
17	GUPTA SUDHEER GULAB SUSHILA	P	P	P	P	P	P	P	P	P
18	GUPTA SUNNY HEMANT BINDU	P	P	P	P	P	P	P	P	P
19	HATKAR SAHIL VIKAS VISHAKHA	P	P	P	P	P	P	P	P	P
20	JAISWAR SANDEEP RAMJI DHARMAVATI DEVI	P	P	P	P	P	P	P	P	P
21	JIWANI AADIL AMIN MUMTAZ	P	P	P	P	P	P	P	P	P
22	KARADIA MOHAMMED YUNUS ASMA	P	P	P	P	P	P	P	P	P
23	KESARE TUSHAR PANDURANG SHOBHA	P	P	P	P	P	P	P	P	P
24	KHAN ABDUL RAHMAN SULTANA	P	P	P	P	P	P	P	P	P
25	MAKNOJIA FAIZAN HAZARATALI ALMAS	P	P	P	P	P	P	P	P	P
26	MANSURI IRSHADAHMAD JUBERAHMAD	P	P	P	P	P	P	P	P	P
27	MATKAR ASHLESHA RAJARAM SUNITA	P	P	P	P	P	P	P	P	P
28	MAYEKAR AMEYA VITTHAL SAROJ	P	P	P	P	P	P	P	P	P
29	MEHER KAUSTUBH ANIL SANGEETA	P	P	P	P	P	P	P	P	P
30	MHATRE BHAGYASHREE SANJAY SANGITA	P	P	P	P	P	P	P	P	P

Sign. of Teacher 

Sign of HOD 

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks ()	TH. Attd. ()	TW Marks ()	Student Sign.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
1	10	10	10	10	9	10	10	10	10					4	10	5	19	
2	10	10	9	10	10	10	10	10	10					4	10	5	19	
3	10	10	10	10	10	10	10	10	10					8	10	5	23	
4	10	10	10	10	10	9	10	10	10					7	10	5	22	
5	10	10	10	10	10	10	10	10	10					8	10	5	23	
6	10	10	10	10	9	10	10	10	10					9	10	4	23	
7	10	10	10	10	10	10	10	10	10					9	10	4	23	
8	10	9	10	10	10	10	10	10	10					9	10	4	23	
9	10	10	10	10	10	10	10	10	10					9	10	5	24	
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12	9	10	10	10	10	10	10	10	10					3	10	5	18	
13	10	10	10	10	10	10	10	10	10					3	10	5	18	
14	10	10	10	10	10	10	10	10	10					9	10	4	23	
15	10	10	10	10	10	10	10	10	10					9	10	3	22	
16	10	10	10	10	10	10	10	10	10					8	10	3	21	
17	10	10	10	10	10	10	10	10	10					8	10	5	23	
18	10	10	10	10	10	10	10	10	10					9	10	4	23	
19	10	10	10	10	10	10	10	10	10					8	10	5	23	
20	10	10	10	10	10	10	10	10	10					8	10	3	21	
21	10	10	10	10	10	10	10	10	10					3	10	5	18	
22	10	10	10	10	10	10	10	10	10					3	10	3	16	
23	10	10	10	10	10	10	10	10	10					8	10	5	23	
24	10	10	10	10	10	10	10	10	10					9	10	5	24	
25	10	10	10	10	10	10	10	10	10					3	10	5	18	
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27	10	10	10	10	10	10	10	10	10					9	10	4	23	
28	10	10	10	10	10	10	10	10	10					9	10	5	24	
29	10	10	10	10	10	10	10	10	10					8	10	4	22	
30	10	10	10	10	10	10	10	10	10					7	10	5	22	
31	10	10	10	10	10	10	10	10	10					8	10	5	23	
32	10	10	10	10	10	10	10	10	10					9	10	5	24	
33	10	10	10	10	10	10	10	10	10					4	10	5	19	
34	10	10	10	10	10	10	10	10	10					3	10	5	18	
35	10	10	10	10	10	10	10	10	10					3	10	5	18	
36	10	10	10	10	10	10	10	10	10					9	10	5	24	
37	10	10	10	10	10	10	10	10	10					9	10	5	24	
38	10	10	10	10	10	10	10	10	10					5	10	5	20	
39	10	10	10	10	10	10	10	10	10					9	10	5	24	
40	10	10	10	10	10	10	10	10	10					8	10	5	23	
41	10	10	10	10	10	10	10	10	10					9	10	5	24	
42	10	10	10	10	10	10	10	10	10					8	10	5	23	

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of _____ per Experiment)														AVG. Marks ()	TH. Attd. ()	TW Marks ()	Student Sign.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
43	10	10	10	10	10	10	10	10	10					9	10	3	22	
44	10	10	10	10	10	10	10	10	10					9	10	3	22	
45	10	10	10	10	10	10	10	10	10					3	10	5	18	
46	10	10	10	10	10	10	10	10	10					8	10	5	23	
47	10	10	10	10	10	10	10	10	10					3	10	5	18	
48	10	10	10	10	10	10	10	10	10					3	10	5	18	
49	10	10	10	10	10	10	10	10	10					8	10	5	23	
50	10	10	10	10	10	10	10	10	10					8	10	5	23	
51	10	10	10	10	10	10	10	10	10					3	10	5	18	
52	10	10	10	10	10	10	10	10	10					6	10	5	21	
53	10	10	10	10	10	10	10	10	10					8	10	5	23	
54	10	10	10	10	10	10	10	10	10					9	10	5	24	
55	10	10	10	10	10	10	10	10	10					8	10	5	23	
56	10	10	10	10	10	10	10	10	10					8	10	5	23	
57	10	10	10	10	10	10	10	10	10					8	10	5	23	
58	10	10	10	10	10	10	10	10	10					3	10	5	18	
59	10	10	10	10	10	10	10	10	10					7	10	5	22	
60	10	10	10	10	10	10	10	10	10					3	10	5	18	
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62	10	10	10	10	10	10	10	10	10					3	10	5	18	
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75	10	10	10	10	10	10	10	10	10					3	10	5	18	
76	10	10	10	10	10	10	10	10	10					3	10	5	18	
77	10	10	10	10	10	10	10	10	10					9	10	5	24	
78	10	10	10	10	10	10	10	10	10					8	10	5	23	
79	10	10	10	10	10	10	10	10	10					8	10	5	23	
80	10	10	10	10	10	10	10	10	10					9	10	5	24	
81	10	10	10	10	10	10	10	10	10					8	10	5	23	

Sign. of Teacher

Sign. of HOD

Sign. Of Principal

TEST MARKS

Roll No.	Term Test I						Term Test II						AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks			
1	9			3	5	17	10			3	5	18	18	56	20
2	8			3	4	15	7			2	3	12	14	57	19
3	8			3	5	16	10			2	5	17	17	59	21
4	8			2	5	15	10			2	5	17	16	68	22
5	8			4	6	18	10			4	5	19	19	71	23
6	8			3	5	16	9			3	4	16	16	72	21
7	8			4	6	18	9			4	6	19	19	67	20
8	7			3	5	15	9			4	5	18	17	66	19
9	10			4	6	20	9			4	5	18	19	65	20
10	8			4	6	18	8			4	6	18	18	56	19
11	9			4	6	19	9			4	5	18	19	57	21
12	8			3	5	16	10			3	4	17	17	59	22
13	8			4	6	18	8			4	6	18	18	68	23
14	9			4	6	19	10			4	6	20	20	71	21
15	8			3	6	17	9			4	5	18	18	72	20
16	10			4	6	20	9			4	5	18	19	67	19
17	7			4	6	17	10			4	4	18	18	66	20
18	10			4	6	20	10			4	4	18	19	65	19
19	8			3	6	17	10			2	5	17	17	56	21
20	10			4	6	20	10			4	5	19	20	57	22
21	10			4	6	20	10			4	5	19	20	59	23
22	8			4	6	18	10			4	5	19	19	68	21
23	9			3	6	18	9			3	5	17	18	71	20
24	10			4	6	20	10			4	5	19	20	72	19
25	8			3	4	15	9			3	4	16	16	67	20
26	8			4	6	18	10			2	4	16	17	66	19
27	5			4	6	15	9			4	6	19	17	65	21
28	8			3	6	17	9			4	5	18	18	66	22
29	7			4	6	17	10			4	4	18	18	65	23
30	8			4	6	18	10			4	5	19	19	68	21
31	8			4	6	18	10			4	5	19	19	71	20
32	10			4	6	20	9			4	6	19	20	72	19
33	8			4	6	18	9			4	5	18	18	67	20
34	8			3	5	16	9			4	5	18	17	66	19
35	8			4	6	18	9			4	6	19	19	65	21
36	10			4	6	20	9			4	5	18	19	66	22
37	9			4	6	19	9			4	5	18	19	65	23
38	8			3	6	17	9			4	5	18	18	68	21
39	8			3	6	17	8			4	6	18	18	71	20
40	8			4	6	18	8			4	5	17	18	72	19
41	9			4	6	19	10			4	6	20	20	67	20
42	8			2	4	14	10			4	4	18	16	66	19

TEST MARKS

Roll No.	Term Test I						Term Test II						AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks	Q.1 (A)	Q.1 (B)	Q.1 (C)	Q.2	Q.3	Total Marks			
	43	8			4	5	17	10			4	6			
44	9			3	6	18	9			4	5	18	18	57	19
45	8			3	5	16	AB			AB	AB	AB	AB	59	21
46	8			3	4	15	10			4	5	19	17	68	22
47	8			4	6	18	9			4	6	19	19	71	23
48	8			3	4	15	10			3	4	17	16	72	21
49	9			4	6	19	9			4	5	18	19	67	20
50	8			3	6	17	5			4	5	14	16	66	19
51	8			3	6	17	9			4	5	18	18	65	20
52	8			4	5	17	8			4	5	17	17	56	19
53	8			4	6	18	9			4	5	18	18	57	21
54	8			4	6	18	9			4	6	19	19	59	22
55	10			4	6	20	9			4	5	18	19	68	23
56	8			4	6	18	9			4	5	18	18	71	21
57	8			3	6	17	7			4	5	16	17	72	20
58	8			4	6	18	9			4	5	18	18	67	19
59	8			3	6	17	10			4	5	19	18	66	20
60	8			4	6	18	10			4	5	19	19	65	19
61	8			4	6	18	AB			4	6	AB	AB	56	21
62	9			4	6	19	10			0	0	10	15	57	22
63	8			4	6	18	8			3	4	15	17	59	23
64	8			3	5	16	10			4	6	20	18	68	21
65	9			4	6	19	10			4	5	19	19	71	20
66	8			3	4	15	9			4	6	19	17	72	19
67	8			4	6	18	9			4	6	19	19	67	20
68	10			4	6	20	10			4	6	20	20	66	19
69	8			4	6	18	10			4	6	20	19	65	21
70	6			4	6	16	9			4	6	19	18	66	22
71	9			4	6	19	9			4	5	18	19	65	23

Sign. of Teacher

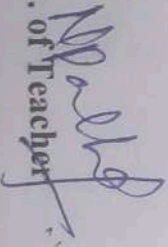
Sign. of HOD

Sign. Of Principal

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz			Course Exit Survey							
	1	2	3	4	Quiz 1	Assst 2	AVG 3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
1	7				0				5	4	5	4			
2	7				0				5	4	5	4			
3	9				7				5	4	5	4			
4	9				5				5	4	5	4			
5	9				7				5	4	5	4			
6	9				8				5	4	5	4			
7	9				9				5	4	5	4			
8	9				8				5	4	5	4			
9	9				8				5	4	5	4			
10	9				9				5	4	5	4			
11	9				7				5	4	5	4			
12	6				0				5	4	5	4			
13	6				0				5	4	5	4			
14	9				8				5	4	5	4			
15	9				8				5	4	5	4			
16	9				7				5	4	5	4			
17	9				6				5	4	5	4			
18	9				8				5	4	5	4			
19	9				7				5	4	5	4			
20	9				7				5	4	5	4			
21	6				0				5	4	5	4			
22	6				0				5	4	5	4			
23	9				7				5	4	5	4			
24	9				8				5	4	5	4			
25	6				0				5	4	5	4			
26	9				7				5	4	5	4			
27	9				8				5	4	5	4			
28	9				8				5	4	5	4			
29	9				7				5	4	5	4			
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33	7				0				5	4	5	4			
34	6				0				5	4	5	4			
35	6				0				5	4	5	4			
36	9				8				5	4	5	4			
37	9				9				5	4	5	4			
38	9				0				5	4	5	4			
39	9				8				5	4	5	4			
40	9				6				5	4	5	4			
41	9				8				5	4	5	4			
42	9				7				5	4	5	4			

Assignment / Quiz Assessment Record															
Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
43	9				8				5	4	4	4	5		
44	9				8				5	4	4	4	5		
45	6				0				5	4	4	4	5		
46	9				7				5	4	4	4	5		
47	6				0				5	4	4	4	5		
48	6				0				5	4	4	4	5		
49	9				7				5	4	4	4	5		
50	9				7				5	4	4	4	5		
51	6				0				5	4	4	4	5		
52	9				3				5	4	4	4	5		
53	9				7				5	4	4	4	5		
54	9				9				5	4	4	4	5		
55	9				7				5	4	4	4	5		
56	9				6				5	4	4	4	5		
57	9				7				5	4	4	4	5		
58	6				0				5	4	4	4	5		
59	9				4				5	4	4	4	5		
60	6				0				5	4	4	4	5		
61	6				0				5	4	4	4	5		
62	6				0				5	4	4	4	5		
63	9				3				5	4	4	4	5		
64	6				0				5	4	4	4	5		
65	9				9				5	4	4	4	5		
66	6				0				5	4	4	4	5		
67	9				7				5	4	4	4	5		
68	9				8				5	4	4	4	5		
69	9				8				5	4	4	4	5		
70	9				7				5	4	4	4	5		
71	9				8				5	4	4	4	5		

Sign. of Teacher 

Sign. of HOD 

Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CO1	experiment	10	Course Exit Survey
	assignment	10	
	quiz	5	
	test	9	
CO2	experiment	10	
	assignment	10	
	quiz	5	
	test	11	
CO3	experiment	10	
	assignment	5	
	quiz	5	
	test	11	
CO4	experiment	10	
	assignment	10	
	quiz	5	
	test	9	
CO5	experiment	10	
	assignment	10	
	quiz	5	
	test	9	
CO6	experiment	10	
	assignment	10	
	quiz	5	
	test	9	
All TH. Course Outcomes	University TH. Examination	80	--
All Course Outcomes	University OR/PR Examination	25	--

Attainment Levels Versus Target :

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	>= 40	>= 50	>= 60
Internal Assessment	>= 50	>= 70	>= 70
Course Exit Survey	>= 70	>= 80	>= 90

Attainment of Course Outcomes :

Course Outcomes	Direct Method														Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)		
	Internal Assessment										University						Course Exit Survey (Y2)	
	Test		Assignment				Quiz				Lab Work	Avg. (X1)	TH. Exam	OR/PR	Avg. (X2)			Y1 = (0.4X1 + 0.6X2)
	T1	T2	A1	A2	A3	A4	Q1	Q2	Q3	Q4								
CO1	3		3				3							3				
CO2	2.6		3				3							2.5	3	3		2.96
CO3		2.5		3				3			3			2.88			3	2.95
CO4		2.5		3				3						2.88				2.95
CO5	2						3							2.88				2.94
CO6	2						2							2.8				2.93

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2		3											
CO2	3				3										
CO3		3													
CO4		3		3											
CO5	3														
CO6	3			3											

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PO/PSO	Target	Attainment	Attainment %	Observation	Action
PO1	2	1.98	99	MEET ATTAINMENT	TRYING FOR 100%
PO2	3	2.98	99	THERE IS PLANNED	
PO4	3	2.89	98		
PO5	1	1.97	99		
Overall Attainment(Avg.)			99%		

RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
AISC	CSC703	University Theory Exam	71	71	71	100	67	69
		Term Test	20	71	71	100	20	93
		OR/PR Exam	25	71	71	100	24	100

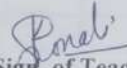


H. J. Thim Trust's
THEEM COLLEGE OF ENGINEERING

Name of Faculty : Sonali Karthik
Programme :
Course Name : Cloud Computing & Services
Division :
Year : TE

Course Code : ITC 603
Semester : VI

TIME TABLE									
Days	Time	10:00 to 10:50	11:00 to 11:50	12:00 to 12:50	02:00 to 04:00				
Monday				CCS					
Tuesday		CCS			B1				
Wednesday			CCS		B2				
Thursday					B3				
Friday									


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Course Outcomes :

At the end of the course student will be able to:		PO/PSO	Bloom Level
1	Define Cloud Computing & memorize the different cloud service & deployment models.	PO09	Understanding
2	Describe importance of virtualization along with tech.	PO11	Applying
3	Use & applying different Cloud Computing services.	PO02	Creating
4	Analyse the component of open stack & google platform & understand mobile cloud computing.	PO11	Applying
5	Describe the key component of AWS.	PO09	Understanding
6	Design & develop backup strategies for cloud data based on features.	PO02	Creating

Mapping of CO with PO : (Target Level)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	Correlation
CO1									3							1 : LOW 2 : MODERATE 3: HIGH
CO2											3					
CO3		3														
CO4											3					
CO5									3							
CO6		3														

TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
1	Defining Cloud Computing, Cloud & other similar	1	PPT's & Google meet	1-2-2021	1-2-2021	Completed	
	cloud cube model	2	PPT's & Google meet	3-2	3-2-2021	Completed	
	Components of cloud, NIST model,	3	PPT's & Google meet	5-2	5-2-2021	Completed	
	cloud deployment models,	4	PPT's & Google meet	8-2-2021	8-2-2021	Completed	
	service models, cloud computing architecture.	5	PPT's & Google meet	9-2-2021	9-2-2021	Completed	
	Advantages & Disadvantages of cloud computing.	6	PPT's & Google meet	10-2-2021	10-2-2021	Completed	
2	Characteristics of virtualized environment. Importance of Hypervisors.	7	PPT's & Google meet	12-2-2021	12-2-2021	Completed	
	Types of hypervisors.	8	PPT's & Google meet	15/2/2021	15/2/2021	Completed	
	Texonomy of virtualization.	9	PPT's & Google meet	16/2/2021	16/2/2021	Completed	
	Implementaion level of virtualization.	10	PPT's & Google meet	17/2/2021	17/2/2021	Completed	
	Virtualization of CEU memory	11	PPT's & Google meet	22/2/2021	22/2/2021	Completed	
	I/O device virtualization of cloud computing.	12	PPT's & Google meet	23/2/2021	23/2/2021	Completed	
	Pros & Cons of virtualization. Technology: KVM,	13	PPT's & Google meet	26/2/2021	26/2/2021	Completed	
	Vmware, Xen, Hyper V.	14	PPT's & Google meet	1-3	1-3-2021	Completed	

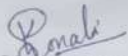
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Sign. of Teacher

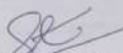
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Sign. of HOD

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Sign. of Principal

TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
3	Exploring cloud computing services, SPT model, PaaS, SaaS, IaaS model	15	PPT's & Google meet	2-3-2021	2-3-2021	Completed	
	Everything as a service. Security as a service	16	PPT's & Google meet	3-3-2021	3-3-2021	Completed	
	database as a service, Identify management as a	17	PPT's & Google meet	8-3-2021	8-3-2021	Completed	
	database as a service, Identify management as a	18	PPT's & Google meet	9-3-2021	9-3-2021	Completed	
	network as a service,	19	PPT's & Google meet	22/3/2021	22/3/2021	Completed	
	collabroration as a service, communication as a ser	20	PPT's & Google meet	23/3/2021	23/3/2021	Completed	
	Disaster recovery as a service. Backup as a seric	21	PPT's & Google meet	24/3/2021	24/3/2021	Completed	
4	Open stack cloud architecture. Feature of open stack.	22	PPT's & Google meet	30/3/2021	30/3/2021	Completed	
	Mode of operations.	23	PPT's & Google meet	31/3/2021	31/3/2021	Completed	
	Google APP engine, Google file system,	24	PPT's & Google meet	5-4-2021	5-4-2021	Completed	
	Chubby, Bigtables. Google API,	25	PPT's & Google meet	6-4-2021	6-4-2021	Completed	
	Mobile cloud computing architecture. Benefits, Cl	26	PPT's & Google meet	7-4-2021	7-4-2021	Completed	

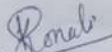

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TEACHING PLAN (THEORY)

Unit	Content to be covered	No. of Lectures	L.R./ Media to be used	Date of Lecture Planned	Date of Completion	Remark (short fall if any)	Sign. of HOD
5	a) Elastic Cloud computing (EC2), Compute, Instance, Life cycle of EC2.	27	ITTS & Google	12-4-2021	12-4-2021	Completed	
		28	ITTS & Google	19/4/2021	19/4/2021	Completed	
	b) Simple storage serice (S3). Basics & operations, Amazon glaciari, Glacier Vs S3.	29	ITTS & Google	20/4/2021	20/4/2021	Completed	
		30	ITTS & Google	26/4/2021	26/4/2021	Completed	
	c) Elastic Block storage (EBS). Basics & types of EBS	31	ITTS & Google	27/4/2021	27/4/2021	Completed	
		31	ITTS & Google	27/4/2021	27/4/2021	Completed	
	d) Amazon virtual private cloud (Amazon VPC), EIP, ENI's, Security groups, ACL	32	ITTS & Google	28/4/2021	28/4/2021	Completed	
		32	ITTS & Google	28/4/2021	28/4/2021	Completed	
	e) Elastic load balancing types. Configuring ELB. Basics of cloud watch, auto scaling	33	ITTS & Google	3-5-2021	3-5-2021	Completed	
		33	ITTS & Google	3-5-2021	3-5-2021	Completed	
6	Coloud backup solution & their features.	34	ITTS & Google	3-5-2021	3-5-2021	Completed	
	Cloud data management & interface (CDMI),	34	ITTS & Google	4-5-2021	4-5-2021	Completed	
	cloud storage gateway.	35	ITTS & Google	4-5-2021	4-5-2021	Completed	
	Comparision between AWS Vs Open stack	35	ITTS & Google	4-5-2021	4-5-2021	Completed	


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THEORY ATTENDANCE SHEET

Name of Teacher : Sonali Karthik

Class : TE IT Sem VI

Roll No.	Name of Student	Date																								
		1	2	3	4	5	6	7	8	9	10	11	#	13	14	15	16	17	18	19	20	21	22	23	24	25
1	AGRE PRIYANKA SOMNATH	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	ANSARI RAIS ALI ROSHAN ALI	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
3	ATTAR YASIR SHAMS UL AFAQUE	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0
4	BATTULA SAGAR SHANKAR	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5	/ BHANDARKAR SMRUTI RAMESHWAR	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
6	BISWAS SUVANKAR AMALENDU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	CHAUDHARY MEHTABALI BUNIYADALI	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0
8	CHINTAKINDHI VIVEK SAINARAYAN	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	/ CHOUDHARY MANISHA MOHANLAL	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	/ DESAI DRASHTI SHAILESH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	DESHMUKH SOHAM PANDURANG	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	DUBEY AJIT GOPICHAND	1	1	1	1	0	1	1	0	1	1	1	0	1	0	0	1	0	1	0	1	0	1	1	1	0
13	GAHLOT MOHD SAAD MOHD WASIM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0
14	GAWANE ASHAY MAHESH	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	GUPTA PRADYUMAN VINOD	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	KHAN MOHAMMAD ABID MERAJ AHMED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	KHAN MOHAMMAD KARIZ ABID ALI	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0
18	KUSHWAHA PARAS RAJENDRASINGH	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	LADE SWAPNIL JAYANT	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	0	0	1	1	1	0
20	MAHALE BHUSHAN KAILAS	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	MAURYA SANDEEP RADHAKRISHNA	0	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	
22	MISHRA ABHISHEK SHIVPRAKASH	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	
23	MISHRA NITIN VINOD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	
24	NAIR ABHISHEK RAGHUNATH	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	
25	NATH SHOUMIK SOMNATH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	/ NAYAK SAMRUDDHI KARUNAKAR	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1


THEORY ATTENDANCE SHEET

Semester : VI

Subject : Cloud Computing Services

L. R.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Attd.		
	Roll No.	06-04-21	07-04-21	12-04-21	19-04-21	20-04-21	26-04-21	27-04-21	28-04-21	03-05-21	04-05-21																Total	Attended	%	
1	1	1	1	1	1	1	1	1	1	1																		35	32	91
2	1	1	1	1	1	1	1	1	1	1																		35	32	91
3	1	0	1	1	1	1	1	1	1	1																		35	28	80
4	0	0	0	0	0	0	0	0	0	0																		35	4	11
5	1	1	1	1	1	1	1	1	1	1																		35	32	91
6	1	1	1	1	1	1	1	1	1	1																		35	35	100
7	0	1	0	1	1	1	0	0	1	1																		35	29	83
8	0	0	0	0	0	0	0	0	0	0																		35	3	9
9	1	1	1	1	1	1	1	1	1	1																		35	33	94
10	1	1	1	1	1	1	1	1	1	1																		35	35	100
11	1	1	1	1	1	1	1	1	1	1																		35	33	94
12	1	1	1	0	1	0	1	1	0	1																		35	23	66
13	1	0	1	1	0	1	1	1	1	0																		35	11	31
14	1	1	1	1	1	1	1	1	1	1																		35	34	97
15	1	1	1	1	1	1	1	1	1	1																		35	33	94
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19	1	0	1	1	1	1	1	1	1	1																		35	26	74
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23	1	1	1	1	1	1	1	1	1	1																		35	33	94
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30	1	1	1	0	1	0	1	1	0	1																		35	30	86
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33	1	1	1	1	1	1	1	1	1	1																		35	30	86
34	1	1	1	1	1	1	1	1	1	1																		35	35	100
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37	1	1	1	1	1	1	1	1	1	1																		35	27	77
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Sign. of HOD


Sign. of Principal

THEORY ATTENDANCE SHEET

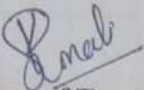
Class : TE IT Sem VI

Name of Teacher : Sonali Karthik

Roll No.	Name of Student	L. N.																										
		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
39	SAYYED HASHIM AMIR AHMED	01/02/21	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
40	SHAH MOHD JASIR JAVED	03/02/21	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
41	SHAIKH ADNAN ABDUL GANI	05/02/21	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
42	SHAIKH AFFAN MOHD RAFIK	08/02/21	0	0	1	0	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	0
43	SHAIKH ASHPAK KALIM	09/02/21	0	1	1	1	0	1	1	0	0	0	1	1	1	0	0	1	1	0	0	1	0	0	0	0	0	0
44	SHAIKH MOHAMMED SHAHEEM SHAFIQUE	10/02/21	0	1	0	0	1	0	1	0	1	0	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0
45	SHAIKH MOHAMMED ZAID MOHAMMED SALEEM	12/02/21	0	1	1	1	1	1	0	0	1	1	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	0
46	/ SHAIKH NAMIRA NISAR AHMED	15/02/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
47	/ SHAIKH SANIYA SAYEED	16/02/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	SHAIKH USAAMARAZA IRSHAD	17/02/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0
49	SHARMA YOGENDRA RAJESH	22/02/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	/ SHEIKH SOFIYA ALTAF	23/02/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0
51	SHUKLA KARTIKEY RAJESH	26/02/21	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1
52	SHUKLA RITWIK	01/03/21	1	1	1	1	0	0	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0
53	/ SINALKAR SWAPNALI MOHAN	02/03/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	/ SINGH AYUSHI YOGESH	03/03/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	/ SINGH SAKSHI MANOJ	08/03/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	SURYA DARSHAN DHARMENDRA	09/03/21	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	SYED MOHAMED HUSSAIN VAZIRALI	10/03/21	0	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0
58	/ TANDEL SALONI SUDHAKAR	22/03/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	TIWARI ANKIT ASHOK	23/03/21	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
60	TIWARI ASKAND JAYSHANKAR	24/03/21	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1
61	VISHWAKARMA PRADEEP KUMAR AMAR BAHADUR	30/03/21	1	1	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62	YADAV ABHAY SHYAMVIHARI	31/03/21	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
63	YADAV AJAY SUBASH	05/04/21	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0

64	YADAV AMIT OMPRAKASH
65	YADAV RAJKUMAR RAMJANAM
66	SHUKLA PRASSHANT MAHESHPRASAD
67	KALPANA PATIL
68	MANISH VAITY

1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1	0
1	1	1	1	1	0	1	0	0	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1



Sign. of Teacher

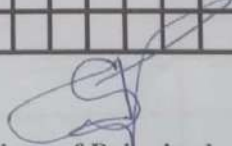
THEORY ATTENDANCE SHEET

Semester : VI

Subject : Cloud Computing Services

L. R.																											Attd.				
	Roll No.	06-04-21	07-04-21	12-04-21	19-04-21	20-04-21	26-04-21	27-04-21	28-04-21	03-05-21	04-05-21	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Total	Attended	%
39	1	0	1	1	1	1	1	1	1	1																			35	30	86
40	1	1	1	1	1	1	1	1	1	1																			35	32	91
41	1	1	1	1	1	1	1	1	1	1																			35	33	94
42	1	1	1	1	1	1	1	1	1	1																			35	27	77
43	0	1	0	0	1	0	0	0	0	1																			35	14	40
44	0	1	0	1	1	1	0	0	1	1																			35	17	49
45	0	0	0	0	0	0	0	0	0	0																			35	16	46
46	1	1	1	1	1	1	1	1	1	1																			35	34	97
47	1	1	1	1	1	1	1	1	1	1																			35	35	100
48	0	0	0	1	1	1	0	0	1	1																			35	26	74
49	1	1	1	1	1	1	1	1	1	1																			35	35	100
50	0	1	0	1	1	1	0	0	1	1																			35	28	80
51	1	1	1	1	1	1	1	1	1	1																			35	32	91
52	1	0	0	1	1	1	1	1	1	1																			35	26	74
53	1	1	1	1	1	1	1	1	1	1																			35	35	100
54	1	1	1	1	1	1	1	1	1	1																			35	35	100
55	1	1	1	1	1	1	1	1	1	1																			35	35	100
56	1	1	1	1	1	1	1	1	1	1																			35	34	97
57	0	0	0	1	0	1	0	0	1	0																			35	11	31
58	1	1	1	1	1	1	1	1	1	1																			35	35	100
59	1	1	1	1	0	1	1	1	1	0																			35	24	69
60	1	0	1	1	0	1	1	1	1	0																			35	23	66
61	1	1	1	1	0	1	1	1	1	0																			35	28	80
62	0	0	0	0	0	0	0	0	0	0																			35	2	6
63	0	1	0	1	1	1	0	0	1	1																			35	27	77
64	0	0	0	0	1	0	0	0	0	1																			35	12	34
65	1	1	1	0	0	0	1	1	0	0																			35	16	46
66	1	0	1	1	1	1	1	1	1	1																			35	26	74
67	0	0	0	0	0	0	0	0	0	0																			35	0	0
68	0	1	0	1	0	1	0	0	1	0																			35	23	66


Sign. of HOD


Sign. of Principal

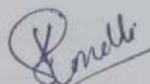
Laboratory/Assignment/Quiz/Sheet/Job/Project Activity Pl:

Course Name & Code : CCS ITC 603

Class : TE


Semester : VI

Exp. No.	Name of Experiment / Tutorial / Assignment / Quiz / Sheet / Job / Project Activity	Batch	Date of Performance Planned	Date of Completion
1	Creating & running virtual machine hosted on virtual box, VMware	B1	22/2/2021	22/2/2021
		B2	23/2/2021	23/2/2021
		B3	26/2/2021	26/2/2021
2	Installation & configuration of Ultra to demonstrate on demand application to explore SaaS	B1	1-3-2021	1-3-2021
		B2	2-3-2021	2-3-2021
		B3	3-3-2021	3-3-2021
3	To demonstrate installation & configuration of open stack private cloud	B1	22/3/2021	22/3/2021
		B2	23/3/2021	23/3/2021
		B3	24/3/2021	24/3/2021
4	Explore storage as a service using own cloud for file access	B1	31/3/2021	31/3/2021
		B2	5-4-2021	5-4-2021
		B3	6-4-2021	6-4-2021
5	To demonstrate and implement IaaS service using AWS	B1	12-4-2021	12-4-2021
		B2	19/4/2021	19/4/2021
		B3	20/4/2021	20/4/2021
6	To demonstrate platform as a service	B1	26/4/2021	26/4/2021
		B2	27/4/2021	27/4/2021
		B3	28/4/2021	28/4/2021
7	To create simple word press app using lightsail service in AWS	B1	3-5-2021	3-5-2021
		B2	4-5-2021	4-5-2021
		B3	4-5-2021	4-5-2021
8		B1		
		B2		
		B3		
9		B1		
		B2		
		B3		
10		B1		
		B2		
		B3		



Signature

Name of Faculty Sonali Kaethik



Sign. of HOD

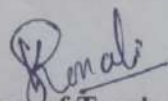
PRACTICAL ATTENDANCE SHEET

Subject : CCS

Semester : IV

Batch :B1

Roll No.	Name of Student	Date	22/2/2021	1/3/2021	22/3/2021	31/3/2021	12/4/2021	26/4/2021	3/5/2021					
			1	2	3	4	5	6	7	8	9	10	11	12
1	AGRE PRIYANKA SOMNATH		1	1	1	1	0	0	1					
2	ANSARI RAIS ALI ROSHAN ALI		0	1	1	0	1	1	0					
3	ATTAR YASIR SHAMS UL AFAQUE		0	0	0	1	1	1	1					
4	BATTULA SAGAR SHANKAR		1	1	0	0	0	1	1					
5	/ BHANDARKAR SMRUTI RAMESHWAR		1	1	1	1	1	1	1					
6	BISWAS SUVANKAR AMALENDU		1	1	1	1	1	1	1					
7	CHAUDHARY MEHTABALI BUNIYADALI		1	1	0	0	1	1	1					
8	CHINTAKINDHI VIVEK SAINARAYAN		0	0	0	1	0	1	1					
9	/ CHOUDHARY MANISHA MOHANLAL		1	1	1	1	1	1	1					
10	/ DESAI DRASHTI SHAILESH		1	1	1	1	1	1	1					
11	DESHMUKH SOHAM PANDURANG		1	1	1	0	0	1	0					
12	DUBEY AJIT GOPICHAND		0	0	1	1	0	0	1					
13	GAHLOT MOHD SAAD MOHD WASIM		0	0	0	1	0	0	1					
14	GAWANE ASHAY MAHESH		1	1	1	0	1	1	0					
15	GUPTA PRADYUMAN VINOD		1	1	1	1	1	0	1					
16	KHAN MOHAMMAD ABID MERAJ AHMED		1	1	1	1	1	1	0					
17	KHAN MOHAMMAD KARIZ ABID ALI		1	0	0	1	1	1	1					
18	KUSHWAHA PARAS RAJENDRASINGH		1	1	1	1	0	1	1					
19	LADE SWAPNIL JAYANT		0	0	1	1	1	1	1					
20	MAHALE BHUSHAN KAILAS		1	1	1	0	1	1	1					
21	MAURYA SANDEEP RADHAKRISHNA		0	0	1	1	0	1	0					
22	MISHRA ABHISHEK SHIVPRAKASH		1	1	0	0	0	1	1					


Sign. of Teacher


Sign of HOD

PRACTICAL ATTENDANCE SHEET

Subject : CCS

Semester :IV

Batch :B3

Roll No.	Name of Student	Date	26/2/2021	3/3/2021	4/3/2021	6/4/2021	8/4/2021	0/4/2021	4/5/2021					
			1	2	3	4	5	6	7	8	9	10	11	12
45	SHAIKH MOHAMMED ZAID MOHAMMED SALEEM		1	0	1	1	0	0	1					
46	/ SHAIKH NAMIRA NISAR AHMED		1	1	1	1	1	1	1					
47	/ SHAIKH SANIYA SAYEED		1	1	1	1	1	1	1					
48	SHAIKH USAAMARAZA IRSHAD		1	1	0	0	0	1	1					
49	SHARMA YOGENDRA RAJESH		1	0	1	1	1	1	1					
50	/ SHEIKH SOFIYA ALTAF		1	1	1	1	1	1	1					
51	SHUKLA KARTIKEY RAJESH		1	1	1	0	1	1	1					
52	SHUKLA RITWIK		1	1	0	1	0	1	1					
53	/ SINALKAR SWAPNALI MOHAN		1	1	1	1	1	1	1					
54	/ SINGH AYUSHI YOGESH		1	1	1	1	1	1	1					
55	/ SINGH SAKSHI MANOJ		1	1	1	1	0	1	0					
56	SURYA DARSHAN DHARMENDRA		0	0	1	1	0	0	1					
57	SYED MOHAMED HUSSAIN VAZIRALI		0	0	0	1	0	0	1					
58	/ TANDEL SALONI SUDHAKAR		1	1	1	1	1	1	0					
59	TIWARI ANKIT ASHOK		0	1	0	1	1	0	1					
60	TIWARI ASKAND JAYSHANKAR		1	0	1	1	0	1	0					
61	VISHWAKARMA PRADEEP KUMAR AMAR BAHADUR		1	0	0	1	1	1	1					
62	YADAV ABHAY SHYAMVIHARI		1	0	0	1	0	1	1					
63	YADAV AJAY SUBASH		0	0	1	0	1	1	1					
64	YADAV AMIT OMPRAKASH		1	1	1	0	1	0	1					
65	YADAV RAJKUMAR RAMJANAM		0	0	1	1	0	1	0					
66	SHUKLA PRASSHANT MAHESHPRASAD		1	1	0	1	0	1	1					
67	KALPANA PATIL		0	0	0	1	1	0	0					
68	MANISH VAITY		0	0	0	0	1	1	1					

Ponah
Sign. of Teacher

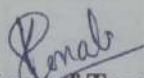
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Sign of HOD


FINAL ASSESSMENT FOR TERM WORK (TW)


Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks (7)	TH. Attd. (25)	TW Marks (25)	Student Sign.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14					
1	10	10	9	10	8	10	9									38	91	21	
2	8	9	10	10	7	9	9									36	91	20	
3	9	8	9	7	10	10	8									36	80	19	
4	10	8	7	9	9	10	10									37	11	20	
5	10	10	9	10	8	10	9									38	91	20	
6	8	9	10	10	7	9	9									36	100	22	
7	9	8	9	7	10	10	8									36	83	20	
8	7	8	8	7	7	6	8									31	9	15	
9	10	10	9	10	8	10	9									38	94	20	
10	8	9	10	10	7	9	9									36	100	20	
11	9	8	9	7	10	10	8									36	94	21	
12	10	8	7	9	9	10	10									37	66	20	
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18	8	9	10	10	7	9	9									36	94	22	
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20	10	8	7	9	9	10	10									37	94	15	
21	10	10	9	10	8	10	9									38	69	20	
22	8	9	10	10	7	9	9									36	80	20	
23	9	8	9	7	10	10	8									36	94	21	
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25	10	10	9	10	8	10	9									38	100	21	
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37	10	10	9	10	8	10	9									38	77	20	
38	8	9	10	10	7	9	9									36	100	22	
39	9	8	9	7	10	10	8									36	86	18	
40	10	8	7	9	9	10	10									37	91	20	
41	8	9	10	10	8	9	9									37	94	21	
42	10	10	8	8	7	7	10									35	77	20	

FINAL ASSESSMENT FOR TERM WORK (TW)

Roll No.	Experiment / Tutorial / Assignment / Sheet / Job / Project Activity (Marks out of 10 per Experiment)														AVG. Marks ()	TH. Attd. ()	TW Marks (25)	Student Sign.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14					
43	10	10	9	10	8	10	9									38	40	21	
44	8	9	10	10	7	9	9									36	49	20	
45	9	8	9	7	10	10	8									36	46	19	
46	10	8	7	9	9	10	10									37	97	20	
47	10	10	9	10	8	10	9									38	100	20	
48	8	9	10	10	7	9	9									36	74	22	
49	9	8	9	7	10	10	8									36	100	20	
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52	8	9	10	10	7	9	9									36	74	20	
53	9	8	9	7	10	10	8									36	100	21	
54	10	8	7	9	9	10	10									37	100	20	
55	10	10	9	10	8	10	9									38	100	21	
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57	7	8	8	7	7	6	8									31	31	19	
58	10	8	7	9	9	10	10									37	100	21	
59	10	10	9	10	8	10	9									38	69	20	
60	8	9	10	10	7	9	9									36	66	19	
61	9	8	9	7	10	10	8									36	80	20	
62	10	8	7	9	9	10	10									37	6	20	
63	10	10	9	10	8	10	9									38	77	22	
64	8	9	10	10	7	9	9									36	34	20	
65	9	8	9	7	10	10	8									36	46	15	
66	10	8	7	9	9	10	10									37	74	18	
67	7	8	8	7	7	6	8									31	0	17	
68	8	7	7	8	7	9	8									32	66	17	
69																			
70																			
71																			
72																			
73																			
74																			
75																			
76																			
77																			
78																			


Sign. of Teacher


Sign. of HOD


Sign. Of Principal

TEST MARKS

Roll No.	Term Test I				Term Test II				AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	MCQ	Subj	Q.3	Total	MCQ	Subj	Q.3	Total			
	Q.1A	Q.2B		Marks	Q.1A	Q.2B		Marks			
	10	10		20	10	10		20			
1	10	6		16	10	6		16	16	61	22
2	9	8		17	9	8		17	17	63	20
3	9	8		17	10	8		18	18	51	19
4	10	6		16	9	6		15	16	52	20
5	9	8		17	10	8		18	18	53	21
6	9	8		17	10	8		18	18	52	22
7	9	8		17	10	8		18	18	63	21
8	9	6		15	10	6		16	16	52	14
9	10	6		16	10	6		16	16	65	19
10	10	6		16	10	6		16	16	56	21
11	9	7		16	10	7		17	17	57	22
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13	9	6		15	10	6		16	16	51	22
14	10	6		16	10	6		16	16	51	20
15	9	6		16	10	7		17	17	47	19
16	9	8		17	10	8		18	18	63	20
17	10	5		15	10	7		17	16	60	21
18	10	6		16	10	7		17	17	60	22
19	10	6		16	10	7		17	17	54	21
20	10	6		16	10	6		16	16	53	14
21	9	6		15	10	6		16	16	51	19
22	10	4		14	10	6		16	15	45	21
23	10	7		17	10	7		17	17	59	22
24	9	7		16	10	7		17	17	53	18
25	10	6		16	10	6		16	16	50	22
26	10	7		17	10	7		17	17	50	20
27	10	7		17	10	7		17	17	57	19
28	10	7		17	10	7		17	17	45	20
29	10	6		16	10	6		16	16	60	21
30	10	7		17	10	7		17	17	52	22
31	10	7		17	10	7		17	17	51	21
32	10	6		16	10	6		16	16	60	14
33	10	6		16	10	6		16	16	42	19
34	9	7		16	10	7		17	17	56	21
35	10	5		15	10	5		15	15	57	22
36	10	6		16	10	6		16	16	51	18
37	10	6		16	10	6		16	16	60	21
38	10	7		17	10	7		17	17	53	22
39	9	6		15	10	6		16	16	52	18
40	10	5		15	10	8		18	17	57	18
41	10	5		15	10	6		16	16	58	20
42	10	6		16	10	6		16	16	60	19

TEST MARKS

Roll No.	Term Test I				Term Test II				AVG. Test Marks	University TH. Exam Marks	University OR/PR Exam Marks
	MCQ	Subj	Q.3	Total	MCQ	Subj	Q.3	Total			
	Q.1A	Q.2B		Marks	Q.1A	Q.2B		Marks			
	10	10		20	10	10		20			
43	10	6		16	9	3		12	14	55	22
44	10	5		15	10	7		17	16	45	20
45	10	5		15	10	7		17	16	55	19
46	9	8		17	10	8		18	18	49	20
47	9	8		17	10	8		18	18	48	21
48	10	7		17	10	7		17	17	63	22
49	9	8		17	10	8		18	18	47	21
50	9	8		17	10	8		18	18	58	14
51	10	7		17	10	7		17	17	57	19
52	9	7		16	10	7		17	17	52	21
53	4	7		11	10	7		17	14	61	22
54	10	7		17	10	7		17	17	51	18
55	9	8		17	10	8		18	18	45	22
56	10	6		16	10	6		16	16	61	20
57	10	5		15	10	7		17	16	54	19
58	10	7		17	10	8		18	18	55	20
59	10	6		16	10	7		17	17	51	21
60	10	6		16	10	7		17	17	54	22
61	10	7		17	10	7		17	17	60	21
62	10	6		16	10	6		16	16	56	14
63	10	6		16	10	6		16	16	48	19
64	10	5		15	10	7		17	16	60	21
65	10	5		15	10	6		16	16	56	22
66	8	8		16	10	8		18	17	60	18
67	10	5		15	9	6		15	15	56	17
68	9	6		15	8	6		14	15	54	16

SIGN of HOD

SIGN OF PRINCIPAL

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
	10	10			10	10			3	4	4	5	3		
1	10	10			8	10			3	3	3	5	3		
2	9	10			9	9			3	4	3	4	3		
3	10	10			10	10			3	3	4	5	2		
4	10	10			9	10			3	3	3	4	3		
5	10	10			8	10			3	4	4	5	3		
6	10	10			10	10			3	3	3	5	3		
7	10	0			8	10			3	4	3	4	3		
8	0	0			0	0			3	3	4	5	2		
9	10	10			8	10			3	3	3	4	3		
10	10	10			10	10			3	4	4	5	3		
11	10	10			9	10			3	3	3	5	3		
12	10	10			8	10			3	4	3	4	3		
13	10	0			0	10			3	3	4	5	2		
14	10	10			8	10			3	3	3	4	3		
15	10	10			9	10			3	4	4	5	3		
16	10	10			8	10			3	3	3	5	3		
17	0	0			0	0			3	4	3	4	3		
18	10	10			8	10			3	3	4	5	2		
19	10	10			9	10			3	3	3	4	3		
20	10	10			9	10			3	4	4	5	3		
21	10	0			8	10			3	3	3	5	3		
22	0	10			10	0			3	4	3	4	3		
23	10	10			8	10			3	3	4	5	2		
24	10	0			9	10			3	3	3	4	3		
25	10	10			9	10			3	4	4	5	3		
26	10	10			8	10			3	3	3	5	3		
27	10	10			10	10			3	4	3	4	3		
28	9	10			8	9			3	3	4	5	2		
29	10	10			9	10			3	3	3	4	3		
30	10	10			8	10			3	4	4	5	3		
31	10	10			10	10			3	3	3	5	3		
32	10	10			8	10			3	4	3	4	3		
33	0	10			9	0			3	3	4	5	2		
34	10	10			8	10			3	3	3	4	3		
35	0	0			7	5			3	4	4	5	3		
36	10	10			8	10			3	3	3	5	3		
37	10	10			9	10			3	4	3	4	3		
38	10	10			8	10			3	3	4	5	2		
39	10	10			9	10			3	3	3	4	3		
40	10	10			10	10			3	4	4	5	3		
41	10	10			8	10			3	4	4	5	3		
42	10	10			9	10			3	3	3	4	3		

Assignment / Quiz Assessment Record

Roll No.	Assignment				Quiz				Course Exit Survey						
	1	2	3	4	1	2	3	4	Q.1.	Q.2.	Q.3.	Q.4.	Q.5.	Q.6.	Q.7.
	10	10			10	10			3	4	4	5	3		
43	0	0			0	0			3	4	4	5	3		
44	10	0			9	10			3	3	3	5	3		
45	10	0			8	10			3	4	3	4	3		
46	10	10			9	10			3	3	4	5	2		
47	10	10			9	10			3	3	3	4	3		
48	0	0			0	0			3	4	4	5	3		
49	10	10			9	10			3	3	3	5	3		
50	10	10			8	10			3	4	3	4	3		
51	10	10			10	10			3	3	4	5	2		
52	10	10			10	10			3	3	3	4	3		
53	10	0			0	10			3	4	4	5	3		
54	10	10			10	10			3	4	4	5	3		
55	10	10			10	10			3	3	3	4	3		
56	9	10			9	9			3	3	3	5	3		
57	0	0			9	8			3	4	3	4	3		
58	10	10			9	10			3	3	3	4	3		
59	10	10			9	10			3	4	4	5	3		
60	10	10			8	10			3	3	3	5	3		
61	10	10			8	10			3	4	3	4	3		
62	10	10			9	10			3	3	4	5	2		
63	10	10			10	10			3	3	3	4	3		
64	10	10			9	10			3	4	4	5	3		
65	10	10			8	10			3	4	4	5	3		
66	10	0			0	10			3	3	3	4	3		
67	0	10			0	0			3	4	4	5	3		
68	9	0			10	9			3	3	3	5	3		

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Assessment Tools :

Course Outcomes	Assessment Tool Direct	Maximum Marks	Assessment Tool Indirect
CO1	Quiz 1	10	Course Exit Survey
	Assignment 1	10	
	Test 1	10	
CO2	Quiz 1	10	
	Assignment 2	10	
	Test 1	10	
CO3	Assignment 2	10	
	Test 2	10	
CO4	Quiz 2	10	
	Assignment 2	10	
CO5	Quiz 2	10	
	Assignment 2	10	
	Test 2	10	
All TH. Course Outcomes	University TH. Examination	80	--
All Course Outcomes	University OR/PR Examination	25	--

Attainment Levels Versus Target :

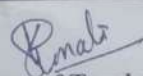
CO Attainment Method	Attainment Level		
	1	2	3
University Examination			3
Internal Assessment			3
Course Exit Survey			3

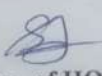
Attainment of Course Outcomes :

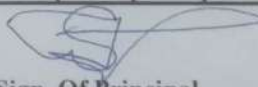
Course Outcomes	Direct Method															Indirect Method	CO Attainment on scale of 3 (0.8Y1 + 0.2Y2)			
	Internal Assessment										University				Y1 = (0.4X1 + 0.6X2)			Course Exit Survey (Y2)		
	Test		Assignment				Quiz				Lab Work	Avg. (X1)	TH. Exam	OR/PR		Avg. (X2)				
	T1	T2	A1	A2	A3	A4	Q1	Q2	Q3	Q4										
CO1	2		3				2							2.33	3		3	2.733	3.00	2.79
CO2	2			3			2							2.33	3		3	2.733	2.00	2.59
CO3		2			2									2	3		3	2.6	2.00	2.48
CO4		2			2			3						2.33	3		3	2.733	2.00	2.59
CO5		2				3	3							2.67	3		3	2.866	2.86	2.89

Attainment of POs and PSOs through COs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1											2.79				
CO2									2.59						
CO3										2.48					
CO4		2.59													
CO5									2.89						


Sign. of Teacher


Sign. of HOD


Sign. Of Principal

PO/PSO	Target	Attainment	% Attainment	Observation	Action
PO11	3	2.79	92.89	Somewhat attainment taegets of most POs had achieved	Similar kind of strategy with higher target will be applied in coming sem
PO9	3	2.59	86.22		
PO10	3	2.48	82.67		
PO2	3	2.59	86.22		
PO9	3	2.89	96.44		
Overall Attainment(Avg.)			88.89		

RESULT ANALYSIS

Name of Course	Course Code		Maximum Marks	No. of Students Appeared	No. of Students Passed	% of Passing	Highest Mark Obtained	% of Students Secured 60% Marks
CCS	ITC 603	University Theory Exam	80	68	68	100%	65	88
		Term Test	20	68	68	100%	20	100
		OR/PR Exam	25	68	68	100%	23	100