

(Autonomous)





#### **DEPARTMENT OF MANAGEMENT STUDIES**

Attainment of course outcomes (COs), Program outcomes (POs)

The POs are evaluated using Microsoft Excel that simplifies CO and PO Attainment calculation for every course

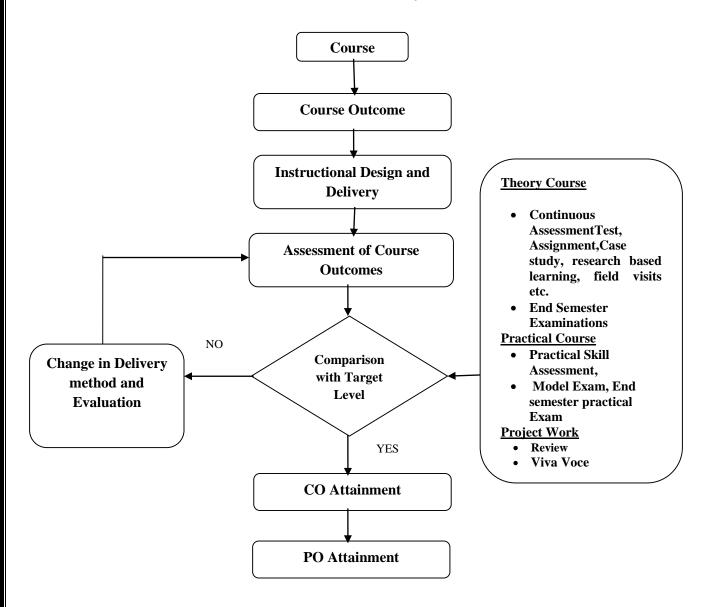


Fig.1. Assessment Methods to Assess the Attainment of the Course Outcomes

#### NANDHA ENGINEERING COLLEGE

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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### 1. Direct Assessment Methods

- i. Direct assessment is done by processes of analyzing performance of students in
  - ❖ Continuous Assessment Test.
  - Assignments
  - Case Study
  - End Semester Examinations

Direct CO Attainment = 60% Weightage of End Semester Examination + 24% of CAT + 8% of Assignment + 6% of Case Studies+2% of Seminar

#### 2.Indirect Assessment Methods

Indirect assessment Methods are calculated from course end survey reports collected at the end of every semester for each course.

In the form students will provide their feedback on 3 point Scale as follows

- 3-Good
- 2-Satisfactory
- 1-Needs to Improve

After collection of individual survey forms, the marks for COs are calculated based on the following formula:

Each CO calculation = [(No. of Students Given Good\* 3+ No. of Students Given Satisfactory \* 2+ No. of Students Given Needs to Improve \*1) / (No of Students\*3)]\*100

The above formula is used to calculate the marks for indirect attainment of each COs of all the courses in the curriculum in the respective regulation.



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### **Final Overall CO Attainment**

Final CO attainment for each course is calculated based on the contribution of direct and indirect assessments as per the weightage given below:

- 1. Direct Assessment (80%)
- 2. Indirect Assessment (20%)

Final CO attainment level = [(80% Direct assessment + 20 % Indirect assessment)/ 100]

Regulation 2017

**Table 1: Continuous Assessment and End Semester Mark Split up for Various Courses** 

S.No	Category of the course	Continuous	End	Total Marks
		Assesssment	Semester(ES)	
		(CA) Marks	Marks	
		10		100
1	Theory Courses	40	60	100
2	Laboratory Courses	60	40	100
3	Project Work	40	60	100
4	Employability Enhancement Courses	100	-	100
	( EEC), One Credit Courses, Mini			
	Project, Human Excellence Courses,			
	Etc.,			



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### **Regulation 2022**

#### **Table 2: Continuous Assessment and End Semester Mark Split up for Various Courses**

S.No	Category of the course	Continuous	End	Total Marks
		Assesssment	Semester(ES)	
		(CA) Marks	Marks	
1	Theory Courses	40	60	100
2	Laboratory Course	60	40	100
3	Project Work	40	60	100
4	Other Employability Enhancement	100	-	100
	Courses (EEC)			



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

## **Regulation 2017**



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### **Internal Assessment Process**

Table 3: Continuous Assessment Process for Theory Course

S.No	Components for Continuous	Syllabus Coverage	Duration of the	Marks (Max.)
	Assessment Marks	for the Test	test in Hrs	
1	Continuous Assesssment-I	1-2.5 Units	1.5 Hrs	60
2	Continuous Assesssment-II	2.5-5 Units	1.5 Hrs	60
3	Assignment-I	1-2.5 Units	-	20
4	Assignment-II	2.5-5 Units	-	20
5	Case Study-I	1-2.5 Units	-	15
6	Case Study-II	2.5-5 Units	-	15
7	Seminar	1-5 Units	-	10
	·	Continuous A	ssessment Marks	200*(Converted
				to 40)

Table 4: Continuous Assessment Process for Laboratory Course

S.No	Evaluation of laboratory	Marks	Total Marks
	Experiments		
1	Preparation	10	
2	Conduct of Experiments	30	
3	Observation & Result	30	100*(converted
4	Record	10	to 75)
5	Viva voce	20	
6	Model practical Examination-I	-	50*(Converted to
			12.5)
7	Model practical Examination-II	-	50*(Converted to
			12.5)
Continuous Assessment Marks			100*(Converted
			to 60)



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### Table 4: Internal Assessment Process for Project Work

S.No	Components for Continuous	Marks	Total Marks
	Assessment Marks		
1	Review-I	10	40
2	Review-II	15	
3	Review-III	15	
Continuous Assessment Marks			40 Marks

#### **End Semester Assessment Process**

#### Table 5-End Semester Assessment process for Theory Course

S.No	Components of End Semester	Syllabus Coverage	Duration of the	Marks (Max.)
	Assessment Marks	for the Test	test in Hrs	
	Continuous Assesssment-I	1-2.5 Units	1.5 Hrs	60
	Continuous Assesssment-II	2.5-5 Units	1.5 Hrs	60
	Assignment-I	1-2.5 Units	-	20
	Assignment-II	2.5-5 Units	-	20
	Case Study-I	1-2.5 Units	-	15
	Case Study-II	2.5-5 Units	-	15
	Seminar	1-5 Units	-	10
Con	tinuous Assessment Marks			200*(Converted
				to 40)
	End Semester Examination	5 Units	3 Hrs	100*(Converted
				to 60)
		r	TOTAL MARKS	100



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### Table 6-End Semester Assessment process for Laboratory Course

S.No	Components for End Semester	Marks	Total Marks			
	Assessment					
(Conti	(Continuous Assessment Process) ( Evaluation of Laboratory E					
1	Preparation	10				
2	Conduct of Experiments	30				
3	Observation & Result	30	100*(converted			
4	Record	10	to 75)			
5	Viva voce	20				
6	Model practical Examination-I	-	50*(Converted to			
			12.5)			
7	Model practical Examination-II	-	50*(Converted to			
			12.5)			
	Continuous Asse	100*(Converted				
		to 60)				
End S	emester Examination (Evaluation of	f Laboratory Ex	periments)			
•	Preparation – 10 Marks		100*(Converted			
<ul> <li>Conduct of Experiments - 30 Marks</li> </ul>			to 40)			
Observation & Results – 30 marks						
•	Record – 10 Marks					
•	Viva Voce – 20 Marks					
		Total Marks	100			

#### Table 7: End Semester Assessment Process for Project Work

S.No	Components for End Semester	Marks	Total Marks
	Assessment		
Conti	nuous Assessment Process		
1	Review-I	10	
2	Review-II	15	40
3	Review-III	15	
End S	emester Assessment		
Thesis	S Evaluation(External Examiner)	25	
Intern	al Examiner	10	60
Extern	nal Examiner	15	
Super	visor	10	
		Total Marks	100 Marks



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

## **Regulation 2022**



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### **Internal Assessment Process**

Table 8: Continuous Assessment Process for Theory Course

S.No	Components for Continuous	Syllabus Coverage	Duration of the	Marks (Max.)
	Assessment Marks	for the Test	test in Hrs	
1	Continuous Assesssment-I	1-2.5 Units	1.5 Hrs	60
2	Continuous Assesssment-II	2.5-5 Units	1.5 Hrs	60
3	Assignment-I	1-2.5 Units	-	20
4	Assignment-II	2.5-5 Units	-	20
5	Case Study-I	1-2.5 Units	-	15
6	Case Study-II	2.5-5 Units	-	15
7	Seminar	1-5 Units	-	10
	200*(Converted			
				to 40)

Table 9: Continuous Assessment Process for Laboratory Course

S.No	Evaluation of laboratory	Marks	Total Marks
	Experiments		
1	Preparation	10	
2	Conduct of Experiments	30	
3	Observation & Result	30	100*(converted
4	Record	10	to 75)
5	Viva voce	20	
6	Model practical Examination-I	-	50*(Converted to
			12.5)
7	Model practical Examination-II	-	50*(Converted to
			12.5)
Continuous Assessment Marks			100*(Converted
			to 60)



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### Table 10: Internal Assessment Process for Project Work

S.No	Components for Continuous	Marks	Total Marks
	Assessment Marks		
1	Review-I	10	40
2	Review-II	15	
3	Review-III	15	
Continuous Assessment Marks			40 Marks

#### **End Semester Assessment Process**

#### Table 11-End Semester Assessment process for Theory Course

S.No	Components of End Semester	Syllabus Coverage	Duration of the	Marks (Max.)
	Assessment Marks	for the Test	test in Hrs	
1	Continuous Assesssment-I	1-2.5 Units	1.5 Hrs	60
2	Continuous Assesssment-II	2.5-5 Units	1.5 Hrs	60
3	Assignment-I	1-2.5 Units	-	20
4	Assignment-II	2.5-5 Units	-	20
5	Case Study-I	1-2.5 Units	-	15
6	Case Study-II	2.5-5 Units	-	15
7	Seminar	1-5 Units	-	10
Con	Continuous Assessment Marks			200*(Converted
				to 40)
1	End Semester Examination	5 Units	3 Hrs	100*(Converted
				to 60)
		r	TOTAL MARKS	100



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### Table 12-End Semester Assessment process for Laboratory Course

S.No	Components for End Semester	Marks	Total Marks
	Assessment		
(Conti	nuous Assessment Process) ( Evalua	tion of Laborato	ory Experiments)
1	Preparation	10	
2	Conduct of Experiments	30	
3	Observation &Result	30	100*(converted
4	Record	10	to 75)
5	Viva voce	20	
6	Model practical Examination-I	-	50*(Converted to
			12.5)
7	Model practical Examination-II	-	50*(Converted to
			12.5)
	Continuous Asse	essment Marks	100*(Converted
			to 60)
End S	emester Examination (Evaluation of	f Laboratory Ex	periments)
•	Preparation – 10 Marks		100*(Converted
•	Conduct of Experiments - 30 Mark	S	to 40)
•	Observation & Results – 30 marks		
•	Record – 10 Marks		
•	Viva Voce – 20 Marks		
		Total Marks	100

#### Table 13: End Semester Assessment Process for Project Work

S.No	Components for End Semester	Marks	Total Marks
	Assessment		
Contin	nuous Assessment Process		
1	Review-I	10	
2	Review-II	15	40
3	Review-III	15	
End S	emester Assessment		
Thesis	S Evaluation(External Examiner)	25	
Intern	al Examiner	10	60
Extern	nal Examiner	15	
Super	visor	10	
		Total Marks	100 Marks



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### Record the attainment of Course Outcomes of all courses with respect to set attainment levels

Program shall have set Course Outcome attainment levels for all courses.

#### **Measuring CO Attainment through Cumulative Internal Examination (CIE)**

Target may be stated in terms of percentage of students getting more than class average marks or set by the program in each of the associated COs in the assessment Instruments (Mid-term Tests, Assignments, Mini Projects, Reports and Presentations etc. As Mapped with the COs)

#### **Measuring Course Outcomes Attained through End Semester Examinations (ESE)**

Target may be stated in terms of percentage of students getting equal or more than the target set by the program in ESE for each CO.



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**DEPARTMENT OF MANAGEMENT STUDIES** 

# THEORY COURSE SAMPLE ATTAINMENT FORMAT



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## **DEPARTMENT OF MANAGEMENT STUDIES Attainment Calculation Format**



## NANDHA ENGINEERING COLLEGE, PERUNDURAI, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES

**Continuous Assessment Test- I ANALYSIS** 

**COURSE CODE & COURSE NAME:** 

**FACULTY NAME:** 

	TOTAL STRENGTH = 36											
	ROLL NO	A1	A2	A3	A4	A5	B1	C1	C2	C3	C4	TEST
S. No	<b>Expected Marks</b>	2	2	2	2	2	8	16	16	16	16	SCORE
	to attainment	1.4	1.4	1.4	1.4	1.4	5.6	11.2	11.2	11.2	11.2	SCORE
1	20BA001											
2	20BA002											
3	20BA003											
4	20BA004											
5	20BA005											



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

No of students scores upto expected level (70%) % of scoring above the													
attainment level													
			2. Co	ourse Outco	me attai	nment leve	el indicat	or		·			
			3			2					1		
Range of attainment			>70			50-70				< 50			
Mapping with CO	CC	)1.1	CO3.1	CO1.1	CO2.1	CO2.1	CO1.1	CO2.1	CO2.1	CO3.1	CO3.1		
Attainment level of each CO													
ATTAINMENT LEVEL OF ALL CO	CC	01.1	CO2.1	CO3.1									
Mapping with PO													



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#### **DEPARTMENT OF MANAGEMENT STUDIES**



## NANDHA ENGINEERING COLLEGE, PERUNDURAI, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES

**Continuous Assessment Test- II ANALYSIS** 

**COURSE CODE & COURSE NAME** 

**FACULTY NAME:** 

	TOTAL STRENGTH =											
	ROLL NO	A1	A2	A3	A4	A5	B1	C1	C2	C3	C4	TECT
S. No	<b>Expected Marks</b>											TEST SCORE
	to attainment											
1	20BA001											
2	20BA002											
3	20BA003											
4	20BA004											
	No of students											
	scores upto											
	expected level											
	(70%)											



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

% of scoring						
above the						
attainment level						

#### 2. Course Outcome attainment level indicator

		3						2			
Range of attainment	>70					50-70				< 50	
Mapping with CO	CO1.1	CO3.1	CO1.1	CO2.1	CO2.1	CO1.1	CO2.1	CO2.1	CO3.1	CO3.1	
Attainment level of each CO											
ATTAINMENT LEVEL OF ALL CO	CO1.1	CO2.1	CO3.1								
Mapping with PO											



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

**Assignment Attainment:** 

## NANDHA ENGINEERING COLLEGE, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES



#### ASSIGNMENT I ANALYSIS

#### **COURSE CODE & COURSE NAME:**

#### **FACULTY NAME:**

	TOTA	L STRENG	ГН =36
S N	ROLL NO	A1 (5)	TEST SCORE
0	Expected Marks to		TEST SCORE
	attainment		
1	20BA001		
2	20BA002		
3	20BA003		
	No of students scores upto		
	expected level (70%)		
	% of scoring above the		
	attainment level		

2. Course Outcome attainment level indicator								
	3	2						
Range of attainment	70	50-70						
Mapping with CO								
Attainment level of each								
СО								
ATTAINMENT LEVEL								
OF ALL CO								
Mapping with PO								





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## **DEPARTMENT OF MANAGEMENT STUDIES**NANDHA ENGINEERING COLLEGE, ERODE-638052



## DEPARTMENT OF MANAGEMENT STUDIES ASSIGNMENT 2 ANALYSIS

#### **COURSE CODE & COURSE NAME:**

	TOTAL STRENGTH =								
S	ROLL NO	A1 (5)							
No	Expected Marks to attainment	3.5	TEST SCORE						
1	20BA001								
2	20BA002								
3	20BA003								
4	20BA004								
	No of students scores								
	upto expected level								
	(70%)								
	% of scoring above the								
	attainment level								
	2. Course O	utcome attainment l	evel indicator						
		3	2						
	Range of attainment	70	50-70						
	Mapping with CO								
	Attainment level of each								
	СО								
	ATTAINMENT LEVEL								
	OF ALL CO								
	Mapping with PO								







#### **DEPARTMENT OF MANAGEMENT STUDIES**

**Case Study Attainment:** 

#### NANDHA ENGINEERING COLLEGE, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES **CASE STUDY I ANALYSIS**

#### **COURSE CODE & COURSE NAME:**

#### **FACULTY NAME:**

	TOTAL	STRENGTH =36	
S	ROLL NO	A1 (5)	
No	Expected Marks to attainment	3.5	TEST SCORE
1	20BA001		
2	20BA002		
3	20BA003		
4	20BA004		
5	20BA005		
	No of students scores upto		
	expected level (70%)		
	% of scoring above the		
	attainment level		
	2. Course Outcom	e attainment level i	ndicator
		3	2
	Range of attainment	70	50-70
	Mapping with CO	CO1.1 &CO2.1	
	Attainment level of each		
	СО		
	ATTAINMENT LEVEL OF ALL CO	CO1.1 &CO2.1	



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

### NANDHA ENGINEERING COLLEGE, ERODE-638052

DEPARTMENT OF MANAGEMENT STUDIES

#### CASE STUDY II ANALYSIS

#### **COURSE CODE & COURSE NAME:**

#### **FACULTY NAME:**

	ТО	TAL STRENGTH =	
S	ROLL NO	A1 (5)	TEST
No.	Expected Marks to attainment	3.5	SCORE
1	20BA001		
2	20BA002		
3	20BA003		
4	20BA004		
	No of students scores up to expected level (70%) % of scoring above the		5
	attainment level		
	2. Course Outo	come attainment level indica	ator
		3	2
	Range of attainment	70	50-70
	Mapping with CO	CO2.1&CO3.1	
	Attainment level of each CO		
	ATTAINMENT LEVEL OF ALL CO	CO2.1&CO3.1	
	Mapping with PO	1,2,3,4,5	

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#### **DEPARTMENT OF MANAGEMENT STUDIES**

JANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE-52
DEPARTMENT OF MANAGEMENT STUDIES
ATTAINMENT FOR LABORATORY MARKS -

#### **SUBJECT CODE & SUBJECT NAME:**

#### **COURSE END SURVEY**

#### SUBJECT HANDLING FACULTY

S.No	Reg. No.	CO1	CO2
1	20BA001		
2	20BA002		
3	20BA003		
4	20BA004		
5	20BA005		
6	20BA006		
AVER	AGE		



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### **End Semester Attainment:**



# NANDHA ENGINEERING COLLEGE, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES END SEMESTER MARK ATTAINMENT COURSE CODE & COURSE NAME:

**FACULTY NAME:** 

Overall Expected % Level of Attainment: 70 %

S	Reg No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	B1	B2 i	B2 ii	B3 a i	ВЗаіі	B3 b i	B3 b ii	B4 a i	B4 a ii	B4bi	B4 b ii	B5 a i	B5 a ii	B5 b i	B5 b ii	Total Mark
Exp	ected Marks	2	2	2	2	2	2	2	2	2	2	16	16	16	8	8	8	8	8	8	8	8	8	8	8	8	
to	attainment	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	9.6	9.6	9.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	
1	20BA001																										
2	20BA002																										



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

No of students scores upto expected level (70%)																										
% of scoring above the attainment level																										
							2. C	ours	e Ou	tcom	e atta	ainm	ent le	evel i	ndica	ator										
					3	3										2								1		
Range of attainment					>7	70									50	<b>)-70</b>							<	50		
Mapping with CO	C01.1	C01.1	C02.1	C02.1	CO3.1	CO3.1	C01.1	C03.1	C02.1	C02.1	C01.1	C01.1	C02.1	C02.1	C03.1	C03.1	C01.1	C01.1	C03.1	C02.1	CO1.1	C03.1	C02.1	C02.1	CO1.1	C01.1
Attainment level of each CO	3	2	2	2	2	2	2	2	2	2	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

Attainment Level Of All CO	C01.1	C02.1	C03.1												
Mapping with PO															



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#### **DEPARTMENT OF MANAGEMENT STUDIES**



NANDHA ENGINEERING COLLEGE, PERUNDURAI, ERODE-638052 DEPARTMENT OF MANAGEMENT STUDIES

ACADEMIC YEAR 2021-22 EVEN (BATCH 2020-22)

OVERALL ATTAINMENT - Expected Level of Attainment - 70% COURSE CODE & COURSE NAME:

#### **FACULTY NAME:**

DIRECT ASSEMENT		AT	TAINMEN	Т %	
	CO1.1	CO2.1	CO3.1		
CAT 1					
CAT 2					
AVERAGE OF CAT					
Assignment 1					
Assignment2					
AVERAGE OF					
ASSIGNMENT					
CASE STUDY 1					
CASE STUDY 2					
AVERAGE OF Case					
study					
CO ATTAINMENT (3)					
(30% of CAT + 10% of					
Assignment + 10% of					
OLT)					
End Sem(3)					



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

50% END SEM + 50%					
CAT					
(Direct Assessment)					
Course End Survey					
(Indirect Assessment)					
Final CO% Attainment					
(80% of Direct +20% of					
Indirect)					
	СО-РО	Articulation	Matrix		
CO No	PO1	PO2	PO3	PO4	PO5
1.1					
2.1					
3.1					
WEIGHTED					
AVERAGE					
AVERAGE OUT OF 3					
	PO	Attainment	%		
CO Attainment	PO1	PO2	PO3	PO4	PO5
CO recumment	A	b	С	d	e
1.1					
1.2					
1.3					
Overall PO					
ATTAINMENT					
(Weighted Average)					



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#### **DEPARTMENT OF MANAGEMENT STUDIES**

Overall PO			
ATTAINMENT OUT			
OF 3			
Overall PO			
ATTAINMENT			
PERCENTAGE			



(Autonomous)





#### **DEPARTMENT OF MANAGEMENT STUDIES**

# LABORATORY COURSE SAMPLE ATTAINMENT FORMAT



(Autonomous)





#### **DEPARTMENT OF MANAGEMENT STUDIES**

#### NANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE-52 DEPARTMENT OF MANAGEMENT STUDIES

ATTAINMENT FOR LABORATORY MARKS - ODD SEM 2020-2021 SUBJECT CODE & SUBJECT NAME :

SUBJECT HANDLING FACULTY: **TARGET ATTAINMENT** ( in Percentage) =

		1	1	1				1		1		
S.N O	Reg No.	Exp. No:	Exp. No:	Exp. No:	Exp. No:	Exp. No:	Exp. No:	Exp. No:	Exp. No:	Exp. No: 9	Exp. No: 10	Exp. No:
C	ourse	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1
Ou	tcome	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1
Ex	pected											
Ma	rks to											
atta	inment											
1	20BA											
1	001											
2	20BA											
2	002											
2	20BA											
3	003											
No of	students											
	es upto											
	cted level											
	f scoring ove the											
	inment											
	level											
			Cou	rse Out	come at	tainmeı	nt level	indicato	or		•	
Ra	nge of		004	3					2		1	1
	inment			>=70				>=50 Al		<u> </u>		50
Manı	ping with	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1
	CO	.1	.2	.2	.1	.2	.1	.1	.2	.1	.2	.2
level	ainment of each CO											
ATTA T LE	AINMEN VEL OF LL CO	CO1 .1	CO1 .2					<u>I</u>				
Mapı	ping with PO											





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#### **DEPARTMENT OF MANAGEMENT STUDIES**



#### NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52

## DEPARTMENT OF MANAGEMENT STUDIES ATTAINMENT FOR LABORATORY MARKS -

**SUBJECT CODE & SUBJECT NAME:** 

## **SUBJECT HANDLING FACULTY: TARGET ATTAINMENT ( in Percentage) =**

#### **STUDENT STRENGTH =**

S.NO	Reg No.	ESE											
Gı	Grade (O=10, A+=9, A=8, B+=7, B=6												
Expected N	<b>Expected Marks to attainment</b>												
1	20BA001												
2	20BA002												
3	20BA003												
4	20BA004												
No of s	tudents got 'RA'												
No of students	scores upto expected level												
% of scoring a	bove the attainment level												
C	ourse Outcome attainment level indica	tor											
Range of attainment	3 2	1											
Kange of attainment	>=70 >=50 AND <=69	<50											
Maj	oping with CO												
Attainme	ent level of each CO												





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#### **DEPARTMENT OF MANAGEMENT STUDIES**

# NANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE-52 DEPARTMENT OF MANAGEMENT STUDIES ATTAINMENT FOR LABORATORY MARKS -

#### **SUBJECT CODE & SUBJECT NAME:**

#### **COURSE END SURVEY**

#### SUBJECT HANDLING FACULTY

_		Debuter Immediate	
S.No	Reg. No.	CO1	CO2
1	20BA001		
2	20BA002		
3	20BA003		
4	20BA004		
5	20BA005		
6	20BA006		
AVER	AGE		







### **DEPARTMENT OF MANAGEMENT STUDIES**OVERALL ATTAINMENT FOR LABORATORY COURSES

DIRECT ASSEMENT			ATTAINMENT	۲%	
DIRECT ASSERVENT	С	01.1	С	01.2	
Individual Experiments					
Model Marks					
Average of Model marks					
Average of Internal Marks					
End Semester Marks					
50% END SEM + 50% CAT (Direct Assessment)					
Course End Survey (Indirect Assessment)					
Final CO% Attainment (80% of Direct +20% of Indirect)					
CO No	PO1	PO2	PO3	PO4	PO5
1.1					
1.2					
WEIGHTED AVERAGE					
AVERAGE OUT OF 3	3	3	2	2	2
CO Attainment	PO1	PO2	PO3	PO4	PO5
CO Attuilment	а	b	С	d	е
1					
2					
Overall PO ATTAINMENT (Weighted Average)					
Overall PO ATTAINMENT OUT OF 3					
Overall PO ATTAINMENT PERCENTAGE					