

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Computer Science and Engineering					
Academic Year:		2020-2021		CO Attainment Indirect	CO Attainment
Course Name & Course Code:		DISCRETE MATHEMATICAL STRUCTURES/18CS3			
Faculty Name:		SHRUTHI SHETTY J			
CO Attainment - Direct					
Cos	Formative Assessment	Summative Assessment	Total Attainment		
18CS36.1	3	1	2.00	3	2.1
18CS36.2	3	1	2.00	3	2.1
18CS36.3	3	1	2.00	3	2.1
18CS36.4	3	1	2.00	3	2.1
18CS36.5	3	1	2.00	3	2.1
18CS36.6					
Average			2.00	3	2.1

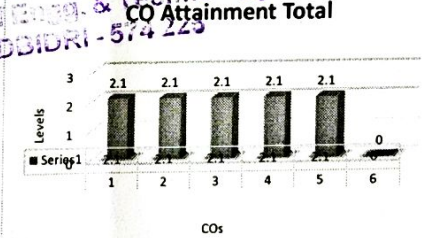
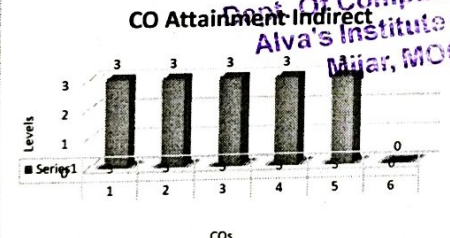
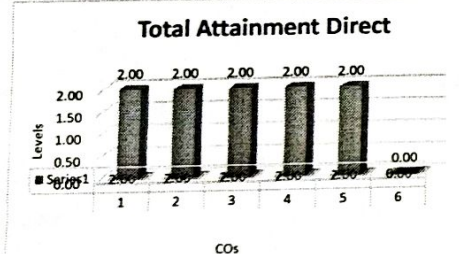
Attainment Level 1: 50% students rated more than or equal to 50% of maximum marks
 Attainment Level 2: 60% students rated more than or equal to 50% of maximum marks
 Attainment Level 3: 70% students rated more than or equal to 50% of maximum marks

Note:

Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

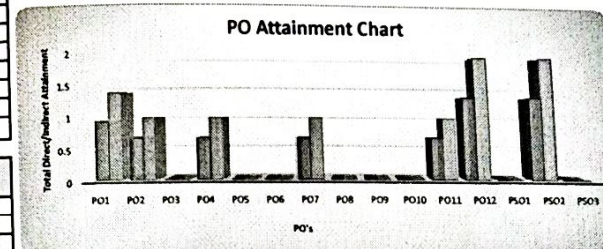
CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 90%; Weightage for CO Attainment Indirect = 10%

Faculty Name & Signature:		HOD Signature:	
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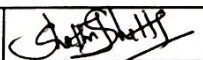
PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX														
Alva's Institute of Engineering and Technology, Moodbidri														
Department of Computer Science and Engineering														
Academic Year: Course Name: Course Code: Faculty Name:	2020-2021													
	SCRETE MATHEMATICAL STRUCTURE													
	18CS36													
	SHRUTHI SHETTY J													
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
18CS36.1	1	1										2		2
18CS36.2	2	1		1			1				1	2		2
18CS36.3	1	1		1								2		2
18CS36.4	2	1		1			1				1	2		2
18CS36.5	1	1		1								2		2
18CS36.6														
AVG	1.4	1		1			1				1	2		2

Key Words (POs)	Apply Knowledge	Solve Problems	Design/Development of Solution	Conduct Investigation	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
18CS36 Direct (X)	0.94	0.67		0.67			0.67				0.67	1.34		1.34	
18CS36 Indirect (Y)	1.4	1		1			1				1	2		2	
Attainment Level	0.99	0.71		0.71			0.71				0.71	1.41		1.41	



PO Attainment Calculation Direct																
COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18CS36.1	2.00	0.67	0.67	0	0	0	0	0	0	0	0	0	1.34	0	1.34	0
18CS36.2	2	1.34	0.67	0	0.67	0	0	0.67	0	0	0	0.67	1.34	0	1.34	0
18CS36.3	2	0.67	0.67	0	0.67	0	0	0	0	0	0	0	1.34	0	1.34	0
18CS36.4	2	1.34	0.67	0	0.67	0	0	0.67	0	0	0	0.67	1.34	0	1.34	0
18CS36.5	2	0.67	0.67	0	0.67	0	0	0	0	0	0	0	1.34	0	1.34	0
18CS36.6																
	Weighted Sum -->	4.69	3.35	0	2.68	0	0	1.34	0	0	0	1.34	6.7	0	6.7	0
	Max Weight -->	7	5	0	4	0	0	2	0	0	0	2	10	0	10	0
PO Attainment in percentage	----->	67.00	67.00	0.00	67.00	0.00	0.00	67.00	0.00	0.00	0.00	67.00	67.00	0.00	67.00	0.00
PO Attained Grade		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		0.94	0.67		0.67			0.67				0.67	1.34		1.34	

PO Attainment Calculation Indirect																
COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18CS36.1	3	1	1	0	0	0	0	0	0	0	0	0	2	0	2	0
18CS36.2	3	2	1	0	1	0	0	1	0	0	0	1	2	0	2	0
18CS36.3	3	1	1	0	1	0	0	0	0	0	0	0	2	0	2	0
18CS36.4	3	2	1	0	1	0	0	1	0	0	0	1	2	0	2	0
18CS36.5	3	1	1	0	1	0	0	0	0	0	0	0	2	0	2	0
18CS36.6																
	Weighted Sum -->	7	5	0	4	0	0	2	0	0	0	2	10	0	10	0
	Max Weight -->	7	5	0	4	0	0	2	0	0	0	2	10	0	10	0
PO Attainment in percentage	----->	100.00	100.00	0.00	100.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00	100.00	0.00	100.00	0.00
PO Attained Grade		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1.4	1		1			1				1	2		2	

Faculty Name & Signature: 

HOD Signature: 

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX
Alva's Institute of Engineering and Technology, Moodbidri
Department of Computer Science and Engineering

Academic Year: 2020-2021
 Course Name: ION CONVENTIONAL ENERGY SOURCE
 Course Code: 18ME651
 Faculty Name: Prof.K.V.Suresh

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18ME651.1	2	2	2			2		1			1	1	2	2	
18ME651.2	2	2	2			2		1			1	2	2	2	
18ME651.3	2	2	2			2		1			1	2	2	2	
18ME651.4	2	2	2			2		1			1	1	2	2	
18ME651.5	2	2	1			1						1	1	1	
18ME651.6															
AVG	2	2	1.5			1.8		1			1	1.4	1.8	1.8	

Key Words (POs)	Apply Knowledge	Solve Problems	Design/Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
18ME651 Direct (X)	1.6	1.6	1.6			1.5		1			1	1.2	1.6	1.6	
18ME651 Indirect	2	2	1.8			1.8		1			1	1.4	1.8	1.8	
Attainment Level	1.64	1.64	1.62			1.62		1			1	1.22	1.62	1.62	

PO Attainment Calculation Direct

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18ME651.1	3.00	2	2	2	0	0	2	0	1	0	0	1	1	2	2	0
18ME651.2	3	2	2	2	0	0	2	0	1	0	0	1	2	2	2	0
18ME651.3	3	2	2	2	0	0	2	0	1	0	0	1	2	2	2	0
18ME651.4	3	2	2	2	0	0	2	0	1	0	0	1	1	2	2	0
18ME651.5																
18ME651.6																
	Weighted Sum -->	8	8	8	0	0	8	0	4	0	0	4	6	8	8	0
	Max Weight -->	10	10	9	0	0	9	0	4	0	0	4	7	9	9	0
PO Attainment in percentage	----->	80.00	80.00	88.89	0.00	0.00	88.89	0.00	100.00	0.00	0.00	100.00	85.71	88.89	88.89	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1.6	1.6	1.6			1.6		1			1	1.2	1.6	1.6	

PO Attainment Calculation Indirect

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18ME651.1	3	2	2	2	0	0	2	0	1	0	0	1	1	2	2	0
18ME651.2	3	2	2	2	0	0	2	0	1	0	0	1	2	2	2	0
18ME651.3	3	2	2	2	0	0	2	0	1	0	0	1	2	2	2	0
18ME651.4	3	2	2	2	0	0	2	0	1	0	0	1	1	2	2	0
18ME651.5	3	2	2	1	0	0	1	0	0	0	0	0	1	1	1	0
18ME651.6																
	Weighted Sum -->	10	10	9	0	0	5	0	4	0	0	4	7	9	9	0
	Max Weight -->	10	10	9	0	0	9	0	4	0	0	4	7	9	9	0
PO Attainment in percentage	----->	100.00	100.00	100.00	0.00	0.00	100.00	0.00	100.00	0.00	0.00	100.00	100.00	100.00	100.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		2	2	1.8			1.8		1			1	1.4	1.8	1.8	

Faculty Name & Signature:

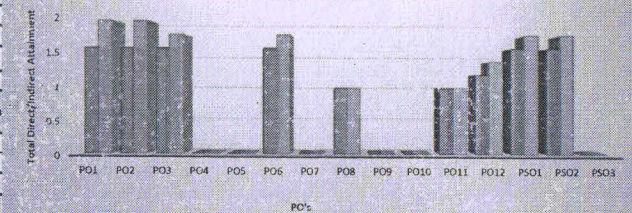
K.V. Suresh
 K.V. Suresh

HOD Signature:

H.O.D.
 H.O.D.

Dept. Of Mechanical Engineering
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 225

PO Attainment Chart



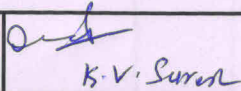
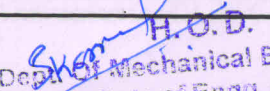
COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Computer Science and Engineering					
Academic Year:	2020-2021				
Course Name & Course Code	NON CONVENTIONAL ENERGY SOURCE/18ME651				
Faculty Name:	Prof.K.V.Suresh				
CO Attainment - Direct				CO Attainment Indirect	CO Attainment
Cos	Formative Assessment	Summative Assessment	Total Attainment Direct		
18ME651.1	3	3	3.00	3	3
18ME651.2	3	3	3.00	3	3
18ME651.3	3	3	3.00	3	3
18ME651.4	3	3	3.00	3	3
18ME651.5				3	
18ME651.6					
Average			3.00	3	3

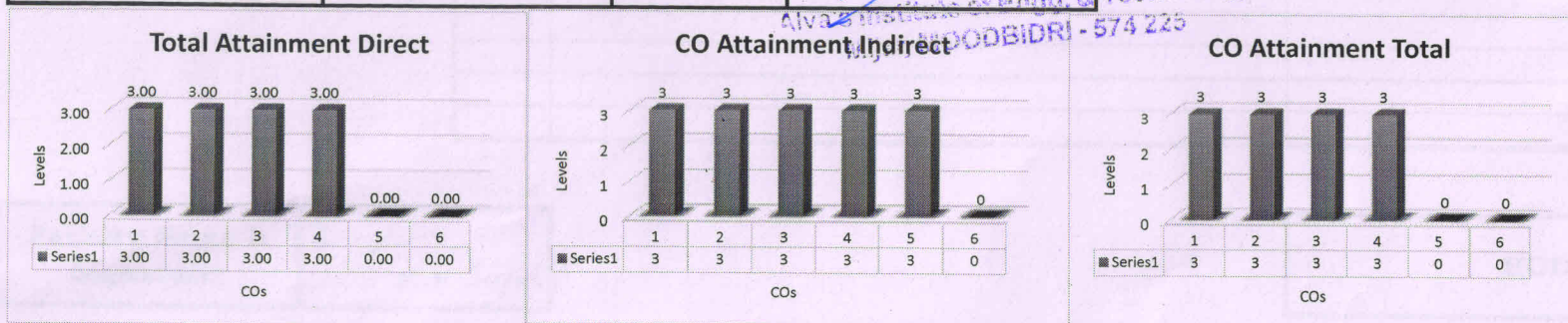
Attainment Level 1: 50% students rated more than or equal to 50% of maximum marks
Attainment Level 2: 60% students rated more than or equal to 50% of maximum marks
Attainment Level 3: 70% students rated more than or equal to 50% of maximum marks

Note:

Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 90%; Weightage for CO Attainment Indirect = 10%

Faculty Name & Signature:		HOD Signature:	
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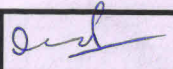
Academic Year:	2020-2021
Course Name:	NON CONVENTIONAL ENERGY SOURCE
Course Code:	18ME651
Faculty Name:	Prof.K.V.Suresh

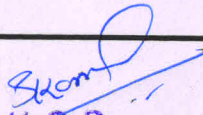
Observations and Action Plan (Direct)

Course	Target	Attainment	Gap	Observation	Action Proposed to bridge the Gap
18ME651	3	3.00	0.00	Target has been achieved	

Outcomes on Actions for CAYm1 Observations/Suggestions

Sl. No.	Action Taken	Change Observed
1	Open elective subject not opted for CAYm1	

Faculty Name & Signature: 
K.V. Suresh

HOD Signature: 
H.O.D.

Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIONI - 574 235

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Information Science and Engineering					
Academic Year:	2019-2020				
Course Name & Course Code	Analog and Digital Electronics/18CS33				
Faculty Name:	SHARAN LIONAL PAIS				
CO Attainment - Direct				CO Attainment Indirect	CO Attainment
Cos	Formative Assessment	Summative Assessment	Total Attainment Direct		
18CS33.1	3	2	2.50	3	2.55
18CS33.2	3	2	2.50	3	2.55
18CS33.3	3	2	2.50	3	2.55
18CS33.4	3	2	2.50	3	2.55
18CS33.5	3	2	2.50	3	2.55
0					
Average			2.50	3	2.55

Attainment Level 1: 50% students rated more than or equal to 50% of maximum marks
 Attainment Level 2: 60% students rated more than or equal to 50% of maximum marks
 Attainment Level 3: 70% students rated more than or equal to 50% of maximum marks

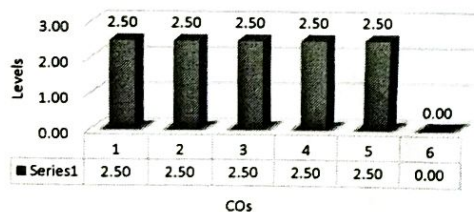
Note:

Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

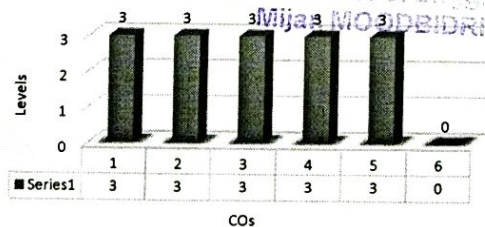
CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 90%; Weightage for CO Attainment Indirect = 10%

Faculty Name & Signature:		HOD Signature:	
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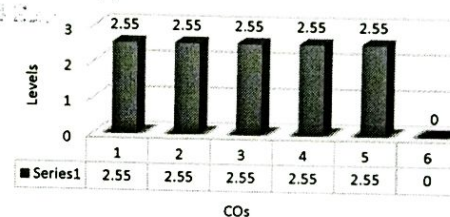
Total Attainment Direct



CO Attainment Indirect



CO Attainment Total



PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX

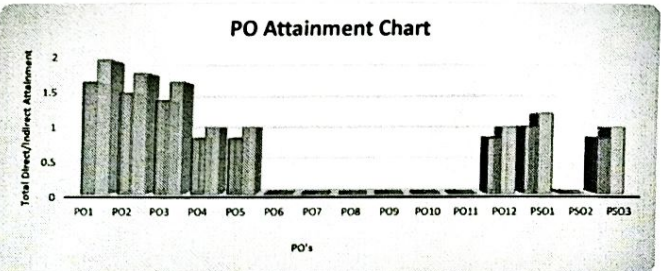
Alva's Institute of Engineering and Technology, Moodbidri

Department of Information Science and Engineering

Academic Year: 2019-2020
Course Name: Analog and Digital Electronics
Course Code: 18CS333
Faculty Name: SHARAN LIONAL PAIS

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18CS33.1	2	1										1	2		
18CS33.2	2	2											1		
18CS33.3	2	2	2	1									1		
18CS33.4	2	2	1		1								1		1
15CS73.5	2	2	2	1									1		
AVG	2	1.8	1.67	1	1							1	1.2		1

Key Words (POs)	Apply Knowledge	Solve Problems	Design/Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
18CS33 Direct (X)	1.67	1.51	1.4	0.84	0.84							0.84	1.01		0.84
18CS33 Indirect (Y)	2	1.8	1.67	1	1							1	1.2		1
Attainment Level	1.71	1.54	1.43	0.86	0.86							0.86	1.03		0.86



PO Attainment Calculation Direct

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18CS33.1	2.50	1.67	0.84	0	0	0	0	0	0		0	0	0.84	1.67	0	0
18CS33.2	2.5	1.67	1.67	0	0	0	0	0	0		0	0	0	0.84	0	0
18CS33.3	2.5	1.67	1.67	1.67	0.84	0	0	0	0		0	0	0	0.84	0	0
18CS33.4	2.5	1.67	1.67	0.84	0	0.84	0	0	0		0	0	0	0.84	0	0.84
15CS744.5	2.5	1.67	1.67	1.67	0.84	0	0	0	0		0	0	0	0.84	0	0
Weighted Sum -->		8.35	7.52	4.18	1.68	0.84	0	0	0		0	0	0.84	5.03	0	0.84
Max Weight -->		10	9	5	2	1	0	0	0		0	0	1	6	0	1
PO Attainment in percentage -->		83.50	83.56	83.60	84.00	84.00	0.00	0.00	0.00		0.00	0.00	84.00	83.83	0.00	84.00
PO Attained Grade		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1.67	1.51	1.4	0.84	0.84							0.84	1.01		0.84

PO Attainment Calculation Indirect

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18CS33.1	3	2	1	0	0	0	0	0	0		0	0	1	2	0	0
18CS33.2	3	2	2	0	0	0	0	0	0		0	0	0	1	0	0
18CS33.3	3	2	2	2	1	0	0	0	0		0	0	0	1	0	0
18CS33.4	3	2	2	1	0	1	0	0	0		0	0	0	1	0	1
15CS744.5	3	2	2	2	1	0	0	0	0		0	0	0	1	0	0
Weighted Sum -->		10	9	5	2	1	0	0	0		0	0	1	6	0	1
Max Weight -->		10	9	5	2	1	0	0	0		0	0	1	6	0	1
PO Attainment in percentage -->		100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00		0.00	0.00	100.00	100.00	0.00	100.00
PO Attained Grade		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		2	1.8	1.67	1	1							1	1.2		1

Faculty Name & Signature:

SP

HOD Signature:

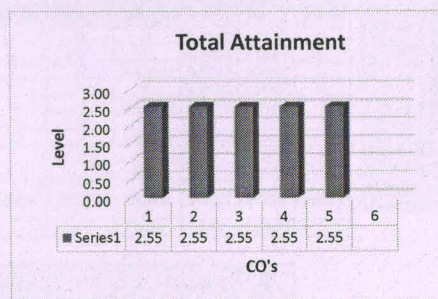
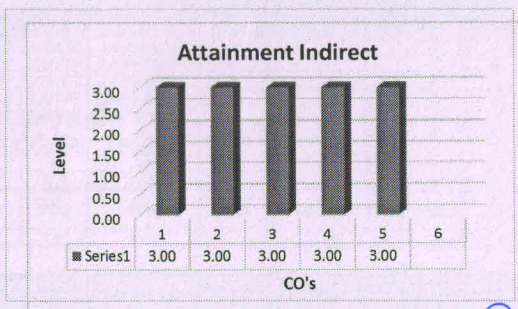
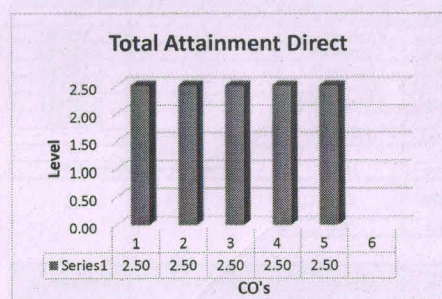
SP
H.O.D.

Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 57 1226

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
		Alva's Institute of Engineering and Technology, Moodbidri			
ACADEMIC YEAR 2019-2020					
ACADEMIC YEAR:	2019-2020		COURSE CODE:	15ME81	
COURSE NAME:	OPERATIONS RESEARCH		SEM:	8	
SECTION:	A,B and C		STUDENT COUNT:	126	
FACULTY NAME:	Sharathchandra Prabhu, Mr. Sadashiv Bellur				
CO Attainment- Direct				Co Attainment Indirect	Co Attainment
COs	Formative Assessment	Summative Assessment	Total Attainment Direct		
15ME81.1	3.00	2.00	2.50	3.00	2.55
15ME81.2	3.00	2.00	2.50	3.00	2.55
15ME81.3	3.00	2.00	2.50	3.00	2.55
15ME81.4	3.00	2.00	2.50	3.00	2.55
15ME81.5	3.00	2.00	2.50	3.00	2.55
15ME81.6					
Average			2.50	3.00	2.55

Note:
Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment)
 Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 90%; Weightage for CO Attainment Indirect = 10%



Faculty Name & Signature:	<i>Sadashiv Bellur</i>	HOD Signature:	<i>Sharathchandra Prabhu</i> H.O.D.
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- *Sadashiv Bellur*
 - *Sharathchandra Prabhu*

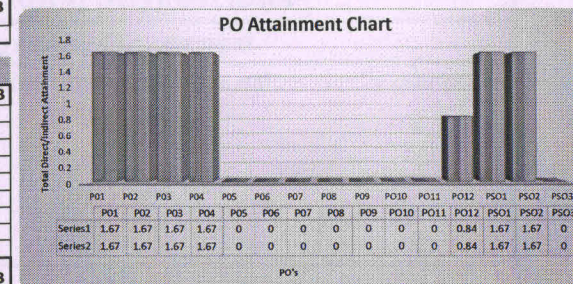
Dept. Of Mechanical Engineering
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 220

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX			
Alva's Institute of Engineering and Technology, Moodbidri			
Department of Mechanical Engineering			
ACADEMIC YEAR 2019-2020			
COURSE NAME:	OPERATIONS RESEARCH	COURSE CODE:	15ME81
SECTION:	A,B and C	SEM:	8
FACULTY NAME:	Mr. Sharathchandra Prabhu,	STUDENT COUNT:	126

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2	2	2	2									2	2	
2	2	2	2									2	2	
2	2	2	2								1	2	2	
2	2	2	2									2	2	
2	2	2	2								1	2	2	
2	2	2	2								1	2	2	

PO Attainment Calculation Direct																
COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO
15ME81.1	2.50	1.666666667	1.66667	1.66667	1.666666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.2	2.50	1.666666667	1.66667	1.66667	1.666666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.3	2.50	1.666666667	1.66667	1.66667	1.666666667	0	0	0	0	0	0	0	0.83333	1.6667	1.6667	0
15ME81.4	2.50	1.666666667	1.66667	1.66667	1.666666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.5	2.50	1.666666667	1.66667	1.66667	1.666666667	0	0	0	0	0	0	0	0.83333	1.6667	1.6667	0
15ME81.6	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Weighted Sum -->	8.333333333	8.3333333	8.3333333	8.333333333	0	0	0	0	0	0	0	1.666667	8.33333	8.33333	0
	Max Weight -->	10	10	10	10	0	0	0	0	0	0	0	2	10	10	0
PO Attainment in percentage		83.33	83.33	83.33	83.33								83.33	83.33	83.33	
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO
		1.67	1.67	1.67	1.67								0.84	1.67	1.67	

PO Attainment Calculation Indirect																
COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15ME81.1	3.00	1.66666667	1.6667	1.6667	1.66666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.2	3.00	1.66666667	1.6667	1.6667	1.66666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.3	3.00	1.66666667	1.6667	1.6667	1.66666667	0	0	0	0	0	0	0	0.83333	1.6667	1.6667	0
15ME81.4	3.00	1.66666667	1.6667	1.6667	1.66666667	0	0	0	0	0	0	0	0	1.6667	1.6667	0
15ME81.5	3.00	1.66666667	1.6667	1.6667	1.66666667	0	0	0	0	0	0	0	0.83333	1.6667	1.6667	0
15ME81.6	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Weighted Sum ---->	8.33333333	8.333333	8.333333	8.33333333	0	0	0	0	0	0	0	1.66667	8.3333	8.3333	0
	Max Weight ---->	10	10	10	10	0	0	0	0	0	0	0	2	10	10	0
PO Attainment in percentage		83.33	83.33	83.33	83.33								83.33	83.33	83.33	
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1.67	1.67	1.67	1.67								0.84	1.67	1.67	



Key Words (POs)	Apply Knowledge	Problem Solving	Design/ Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Sustainable Development	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
15ME81 Direct(X)	1.67	1.67	1.67	1.67								0.84	1.67	1.67	
15ME81 Indirect(Y)	1.67	1.67	1.67	1.67								0.84	1.67	1.67	
Attainment Level	1.67	1.67	1.67	1.67								0.84	1.67	1.67	

Faculty Name & Signature:	<u>Sadashiv Bellubbi</u>	HOD Signature:	
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- Sadashiv Bellubbi
- Sharathchandra Prabhu

Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODSIDRI - 574 223

Academic Year:	2019-2020
Course Name:	OPERATIONS RESEARCH
Course Code:	15ME81
Faculty Name:	Mr. Sharathchandra Prabhu, Mr. Sadashiv Bellubbi

Observations and Action Plan (Direct)

Course	Target	Attainment	Gap	Observation	Action Proposed to bridge the Gap
15ME81	2	2.55	-0.55	Target achieved.Planned to continue same teaching methodology	Planned to include some more problems on few topics and continue same methodology.

Outcomes on Actions for CAYm1 Observations/Suggestions

Sl. No.	Action Taken	Change Observed
	Target achieved. Planned to continue the same teaching methodology and add more partical concepts.	Students were able to solve more problems indpendently compare to last year

Faculty Name & Signature:	<i>Sadashiv Bellubbi</i> <i>Sharathchandra Prabhu</i>	HOD Signature:	<i>[Signature]</i> H.O.D.
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Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 223

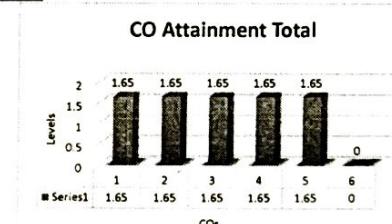
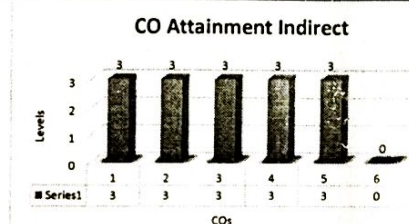
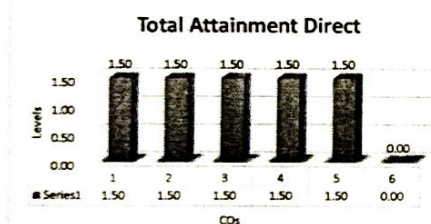
— Sadashiv Bellubbi
— Sharathchandra Prabhu

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Computer Science and Engineering					
Academic Year:	2018-2019				
Course Name & Course Code:	AUTOMATA THEORY AND COMPUTABILITY/15CS54				
Faculty Name:	HARISH KUNDER & MERLYN MELITA MATHIAS				
CO Attainment - Direct				CO Attainment Indirect	CO Attainment
Cos	Formative Assessment	Summative Assessment	Total Attainment		
15CS54.1	3	0	1.50	3	1.65
15CS54.2	3	0	1.50	3	1.65
15CS54.3	3	0	1.50	3	1.65
15CS54.4	3	0	1.50	3	1.65
15CS54.5	3	0	1.50	3	1.65
15CS54.6					
Average			1.50	3	1.65

Attainment Level 1: 50% students rated more than or equal to 50% of maximum marks
 Attainment Level 2: 60% students rated more than or equal to 50% of maximum marks
 Attainment Level 3: 70% students rated more than or equal to 50% of maximum marks

Note:
 Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 50%, Weightage for Summative Assessment = 50%
 CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 90%, Weightage for CO Attainment Indirect = 10%

Faculty Name & Signature:		HOD Signature:	
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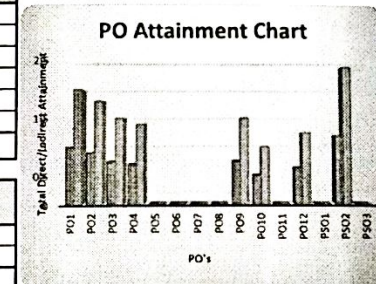
MERLYN - M. Mathias
 Harish Kunder - KHP

H. O. D.
 Dept. Of Computer Science & Engineering
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX
Alva's Institute of Engineering and Technology, Moodbidri
Department of Computer Science and Engineering

Academic Year: Course Name: Course Code: Faculty Name:		2018-2019													
		AUTOMATA THEORY AND COMPUTABILITY													
		15CS54													
		HARISH KUNDER & MERLYN MELITA MATHIAS													
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15CS54.1	2	1		1								1		2	
15CS54.2	2	2	2	2					2			2		3	
15CS54.3	2	2	2	1						1		1		2	
15CS54.4	2	2	1	2					1			1		3	
15CS54.5	2	2	1	1										2	
15CS54.6															
AVG	2	1.8	1.5	1.4					1.5	1		1.25		2.4	

Key Words (POs)	Apply Knowledge	Solve Problems	Design/ Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
15CS54 Direct (X)	1	0.9	0.75	0.7					0.75	0.5		0.63		1.2	
15CS54 Indirect (Y)	2	1.8	1.5	1.4					1.5	1		1.25		2.4	
Attainment Level	1.1	0.99	0.83	0.77					0.83	0.55		0.7		1.32	



PO Attainment Calculation Direct

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15CS54.1	1.50	1	0.5	0	0.5	0	0	0	0	0	0	0	0.5	0	1	0
15CS54.2	1.5	1	1	1	1	0	0	0	0	1	0	0	1	0	1.5	0
15CS54.3	1.5	1	1	1	0.5	0	0	0	0	0	0.5	0	0.5	0	1	0
15CS54.4	1.5	1	1	0.5	1	0	0	0	0	0.5	0	0	0.5	0	1.5	0
15CS54.5	1.5	1	1	0.5	0.5	0	0	0	0	0	0	0	0	0	1	0
15CS54.6																
	Weighted Sum -->	5	4.5	3	3.5	0	0	0	0	1.5	0.5	0	2.5	0	6	0
	Max Weight -->	10	9	6	7	0	0	0	0	3	1	0	5	0	12	0
PO Attainment in percentage :----->		50.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	50.00	0.00	50.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1	0.9	0.75	0.7					0.75	0.5		0.63		1.2	

PO Attainment Calculation Indirect

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15CS54.1	3	2	1	0	1	0	0	0	0	0	0	0	1	0	2	0
15CS54.2	3	2	2	2	2	0	0	0	0	2	0	0	2	0	3	0
15CS54.3	3	2	2	2	1	0	0	0	0	0	1	0	1	0	2	0
15CS54.4	3	2	2	1	2	0	0	0	0	1	0	0	1	0	3	0
15CS54.5	3	2	2	1	1	0	0	0	0	0	0	0	0	0	2	0
15CS54.6																
	Weighted Sum -->	10	9	6	7	0	0	0	0	3	1	0	5	0	12	0
	Max Weight -->	10	9	6	7	0	0	0	0	3	1	0	5	0	12	0
PO Attainment in percentage :----->		100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		2	1.8	1.5	1.4					1.5	1		1.25		2.4	

Faculty Name & Signature: H. Kunder

M. Mathias

HOD Signature: _____

H. O. D.
 Dept. Of Computer Science & Engineering
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 225

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Mechanical Engineering					
Academic Year:	2018-2019			CO Attainment Indirect	CO Attainment
Course Name & Course Code	TURBOMACHINES/ 15ME53				
Faculty Name:	K V SURESH/Shailesh Golabhanvi				
CO Attainment - Direct					
Cos	Formative Assessment	Summative Assessment	Total Attainment Direct		
15ME53.1	3	0	1.50	3	1.65
15ME53.2	3	0	1.50	1	1.45
15ME53.3	3	0	1.50	2	1.50
15ME53.4	3	0	1.50	2	1.50
Average			1.50	2	1.55

Attainment Level 1: 50% students rated more than or equal to 50% of maximum marks
Attainment Level 2: 60% students rated more than or equal to 50% of maximum marks
Attainment Level 3: 70% students rated more than or equal to 50% of maximum marks

Note:

Total Attainment Direct = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

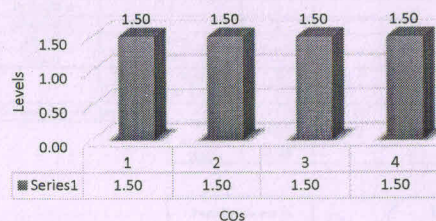
CO Attainment = (Weightage*Total Attainment Direct)+(Weightage*CO Attainment Indirect) Weightage for Total Attainment Direct = 98%; Weightage for CO Attainment Indirect = 02%

Faculty Name & Signature:

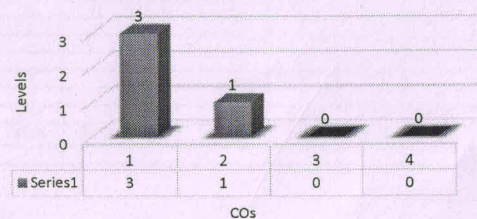
K V Suresh

HOD Signature:

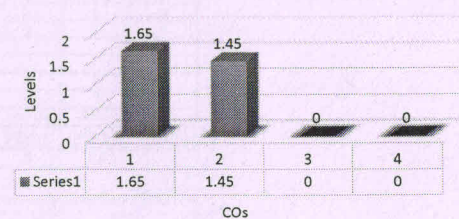
Total Attainment Direct



CO Attainment Indirect



CO Attainment Total



K V Suresh
H. O. D.

Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 223

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX																
Alva's Institute of Engineering and Technology, Moodbidri																
Department of Mechanical Engineering																
Academic Year:	2018-2019															
Course Name:	TURBOMACHINES															
Course Code:	15ME53															
Faculty Name:	K V SURESH/Shaleeh GolaBharvi															
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
15ME53.1	3											2	2			
15ME53.2	2	2										2	2			
15ME53.3	2	2	3										2	1		
15ME53.4	2	2	2										2	2		
#REF!																
AVG	2.25	2	2.5									2	2	1.5		

Key Words (POs)	Apply Knowledge	Solve Problems	Design/Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3	
15ME53 Direct (X)	1.13	1	1.25									1	1	0.75		
15ME53 Indirect (Y)	2.25	2	2.5									2	2	1.5		
Attainment Level	1.25	1.1	1.38									1.1	1.1	0.83		

PO Attainment Calculation Direct

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15ME53.1	1.50	1.5	0	0	0	0	0	0	0	0	0	0	0	1	0	0
15ME53.2	1.5	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0
15ME53.3	1.5	1	1	1.5	0	0	0	0	0	0	0	0	0	1	0.5	0
15ME53.4	1.5	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0
#REF!	#REF!															
	Weighted Sum -->	4.5	3	2.5	0	0	0	0	0	0	0	0	2	4	1.5	0
	Max Weight ----->	9	6	5	0	0	0	0	0	0	0	0	4	8	3	0
PO Attainment in percentage	----->	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	50.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		1.13	1	1.25									1	1	0.75	

PO Attainment Calculation Indirect

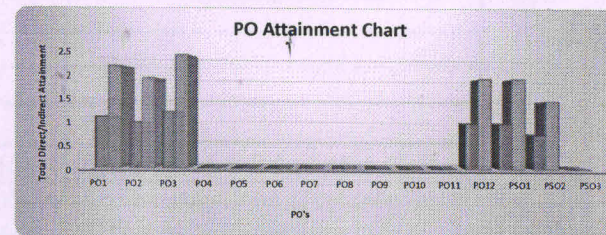
COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15ME53.1	3	3	0	0	0	0	0	0	0	0	0	0	2	2	0	0
15ME53.2	3	2	2	0	0	0	0	0	0	0	0	0	2	2	0	0
15ME53.3	3	2	2	3	0	0	0	0	0	0	0	0	2	1	0	0
15ME53.4	3	2	2	2	0	0	0	0	0	0	0	0	2	2	0	0
#REF!	#REF!															
#REF!	#REF!															
	Weighted Sum -->	9	6	5	0	0	0	0	0	0	0	0	4	8	3	0
	Max Weight ----->	9	6	5	0	0	0	0	0	0	0	0	4	8	3	0
PO Attainment in percentage	----->	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		2.25	2	2.5									2	2	1.5	

Faculty Name & Signature: *K.V. Suresh*

HOD Signature: *[Signature]*

H.O.D.

Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 223



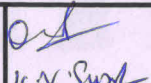
Academic Year:	2018-2019
Course Name:	TURBOMACHINES
Course Code:	15ME53
Faculty Name:	K V SURESH/Shailesh Golabhanvi

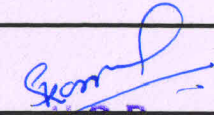
Observations and Action Plan (Direct)

Course	Target	Attainment	Gap	Observation	Action Proposed to bridge the Gap
15ME53	2	1.5	0.5	PO4,PO5,PO7	PO4 &PO5Conduct investigations of complex problems
					PO7Environment and Sustainability

Outcomes on Actions for CAYm1 Observations/Suggestions

Sl. No.	Action Taken	Change Observed
	Power point presentation (ppt), Video classes	PO and PSOs matched
	Organized technical talk and also students were taken to Varahi hydro power plant to understand the impact of professional engineering solutions	Po1,PO2,PO3,PO12,PSO1,PSO2

Faculty Name & Signature:	 K V Suresh
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HOD Signature:	 H.O.D.
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Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODIBIDRI - 574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX
Alva's Institute of Engineering and Technology, Moodbidri
Department of Electronics and Communication Engineering
Faculty Incharge: Ms.Rashmi/Mr. Sudhakar H M
Subject & Code:OPERATING SYSTEM(15EC553) 2017-18

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C305e.1	3	1	2	1	1	1	1		1	1	1	2	2	2	1
C305e.2	2	2	2	2		1			1	1	1	1	2	2	1
C305e.3	3	2	3	3	1	1	1			2	1	2	1	2	1
C305e.4	2	2	2	2		1				1		1		1	
C305e.5	2	2	1	1		2	2		1	1	1	1	2	1	
C305e.6	3	1	2	1		2	2		1	2	1	2	2		
AVG	2.5	1.67	2	1.67	1	1.33	1.5		1	1.33	1	1.5	1.8	1.6	1

PO Attainment Calculation																
COs	PO Attainment Grad	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PSO1	PSO2	PSO3
C01	3.00	3.00	1.00	2.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	2.00	2	2	1
C02	3.00	2.00	2.00	2.00	2.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	2	2	1
C03	3.00	3.00	2.00	3.00	3.00	1.00	1.00	1.00	0.00	0.00	2.00	1.00	2.00	1	2	1
C04	3.00	2.00	2.00	2.00	2.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1	0
C05	3.00	2.00	2.00	1.00	1.00	0.00	2.00	2.00	0.00	1.00	1.00	1.00	1.00	2	1	0
C06	3.00	3.00	1.00	2.00	1.00	0.00	2.00	2.00	0.00	1.00	2.00	1.00	2.00	2	0	0
	Weighted Sum -->	15.00	10.00	12	10	2	8	6	0	3	6	4	7	9	8	3
	Max Weight -->	15	10	12	10	2	8	6	0	4	8	5	9	9	8	3
PO Attainment %	----->	####	####	####	####	####	####	####	####	75.00	75.00	80.00	77.78	####	####	####
	PO Grade	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PSO1	PSO2	PSO3
		2.5	1.67	2	1.67	1	1.34	1.5	####	0.75	1	0.8	1.17	1.8	1.6	1

D.V. 
H.O.D.

Dept. Of Electronics & Communication
Alva's Institute of Engg & Technology
Moodbidri - 574 209.

COURSE OUTCOMES (COs) ASSESSMENT MATRIX			
Alva's Institute of Engineering and Technology, Moodbidri			
Department of Electronics and Communication Engineering			
Faculty Incharge: Mr. Aneesh Jain/Mr. Roshan Shetty			
Subject & Code: OOP using C++ (ISEC562) 2017-18			
COs	Formative Assessment	Summative Assessment	Total Attainment
CO1	3.00	3	3.00
CO2	3.00	3	3.00
CO3	3.00	3	3.00
CO4	3.00	3	3.00
CO5	3.00	3	3.00
CO5	3.00	3	3.00

D.V.T

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Moodbidri, MOODIBIDRI - 574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX															
Alva's Institute of Engineering and Technology, Moodbidri															
Department of Electronics & Communication Engineering															
Academic Year:		2017-2018													
Course Name:		VLSI Design													
Course Code:		15EC63													
Faculty Name:		Dr. Praveen J. Mrs. Shreedevi S													
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15EC63.1	2	1	2									1	2	2	
15EC63.2	2	2	2									1	2	1	1
15EC63.3	2	2	2	2								1	2	2	
15EC63.4	2	2	2	2								2	2	2	
15EC63.5	2	1	2	1								2	2	1	1
15EC63.6	2	2	1	2								2	2	2	
AVG	2	1.66667	1.83333	1.75								1.5	2	1.666666667	1

Key Words (POs)	Apply Knowledge	Solve Problems	Design/ Development of Solution	Conduct Investigations	Use Modern Tools	Engineer and Society	Environment and Sustainability	Professional Ethics	Individual and Team Work	Communicate Effectively	Project Management and Finance	Life-long Learning	PSO 1	PSO 2	PSO 3
15EC63 Direct (X)	0.89	0.73	0.87	0.71								0.64	0.89	0.73	0.5
15EC63 Indirect (Y)	2	1.67	1.84	1.75								1.5	2	1.67	1
Attainment Level	0.89	0.73	0.87	0.71								0.64	0.89	0.73	0.5

PO Attainment Calculation Direct

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15EC63.1	1.50	1	0.5	1	0	0	0	0	0	0	0	0	0.5	1	1	0
15EC63.2	1.5	1	1	1	0	0	0	0	0	0	0	0	0.5	1	0.5	0.5
15EC63.3	1.5	1	1	1	1	0	0	0	0	0	0	0	0.5	1	1	0
15EC63.4	1.5	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0
15EC63.5	1.5	1	0.5	1	0.5	0	0	0	0	0	0	0	1	1	0.5	0.5
15EC63.6	0.5	0.34	0.34	0.17	0.34	0	0	0	0	0	0	0	0.34	0.34	0.34	0
	Weighted Sum ---->	5.34	4.34	5.17	2.84	0	0	0	0	0	0	0	3.84	5.34	4.34	1
	Max Weight ----->	12	10	11	7	0	0	0	0	0	0	0	9	12	10	2
PO Attainment in percentage	----->	44.50	43.40	47.00	40.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.67	44.50	43.40	50.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		0.89	0.73	0.87	0.71								0.64	0.89	0.73	0.5

PO Attainment Calculation Indirect

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
15EC63.1	3	2	1	2	0	0	0	0	0	0	0	0	1	2	2	0
15EC63.2	3	2	2	2	0	0	0	0	0	0	0	0	1	2	1	1
15EC63.3	3	2	2	2	2	0	0	0	0	0	0	0	1	2	2	0
15EC63.4	3	2	2	2	2	0	0	0	0	0	0	0	2	2	2	0
15EC63.5	3	2	1	2	1	0	0	0	0	0	0	0	2	2	1	1
15EC63.6	3	2	2	1	2	0	0	0	0	0	0	0	2	2	2	0
	Weighted Sum ---->	12	10	11	7	0	0	0	0	0	0	0	9	12	10	2
	Max Weight ----->	12	10	11	7	0	0	0	0	0	0	0	9	12	10	2
PO Attainment in percentage	----->	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
		2	1.67	1.84	1.75								1.5	2	1.67	1

Faculty Name & Signature:

Dr. Praveen J
Dr. Praveen J

HOD Signature:

D.V. J

Department of Electronics & Communication Engineering
Alva's Institute of Engineering and Technology
Moodbidri, Karnataka - 574202

COURSE OUTCOMES (COs) ASSESSMENT MATRIX					
Alva's Institute of Engineering and Technology, Moodbidri					
Department of Electronics & Communication Engineering					
Academic Year:	2017-2018			CO Attainment Indirect	CO Attainment
Course Name & Course Code:	VLSI Design/15EC63				
Faculty Name:	Dr. Praveen J, Mrs. Shreedevi S				
CO Attainment - Direct					
Cos	Formative Assessment	Summative Assessment	Total Attainment		
15EC63.1	3	0	1.50	3	1.5
15EC63.2	3	0	1.50	3	1.5
15EC63.3	3	0	1.50	3	1.5
15EC63.4	3	0	1.50	3	1.5
15EC63.5	3	0	1.50	3	1.5
15EC63.6	1	0	0.50	3	0.5
Average			1.34	3	1.34

Faculty Name & Signature:	 Dr. Praveen J	HOD Signature:	 D.V. H.O.D.
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Dept Of Electronics & Communication
Alva's Institute of Engg & Technology
Mijar, MOODBIDRI - 574 225

COURSE OUTCOMES (COs) ASSESSMENT MATRIX			
Alva's Institute of Engineering and Technology, Moodbidri			
Department of Computer Science and Engineering			
Faculty Name: Ms. Mangala Kini & Ms. Deeksha M			
COs	Formative Assessment	Summative Assessment	Total Attainment
15CS43.1	3.00	3	3.00
15CS43.2	3.00	3	3.00
15CS43.3	3.00	3	3.00

Note:

Total Attainment = (Weightage*Formative Assessment)+(Weightage*Summative Assessment)

Weightage for Formative Assessment = 50%; Weightage for Summative Assessment = 50%

Deeksha
Bandi

Prof
16/11/2022
Dept. Of Computer Science and Engineering
Alva's Institute of Engineering and Technology
Mijar, MOODBIDRI - 574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX

Alva's Institute of Engineering and Technology, Moodbidri

Department of Computer Science and Engineering

Academic Year 2016-17

Faculty Name: Ms. Mangala Kini & Ms. Decksha M

Course Name: Design and Analysis of Algorithms

Course Code: 15CS43

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
15CS43.1	2	2	2									3
15CS43.2	2	2	1	1								3
15CS43.3	3	2	2	1	2							3
AVG	2.33333	2	1.6667	1	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	3

PO Attainment Calculation

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
15CS43.1	3.00	2	2	2	0	0	0	0	0	0	0	0	3
15CS43.2	3.00	2	2	1	1	0	0	0	0	0	0	0	3
15CS43.3	3.00	3	2	2	1	2	0	0	0	0	0	0	3
	Weighted Sum -->	7	6	5	2	2	0	0	0	0	0	0	9
	Max Weight -->	7	6	5	2	2	0	0	0	0	0	0	9
PO Attainment in percentage	:----->	100.00	100.00	100.00	100.00	100.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100.00
PO Attained Grade		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
		2.34	2	1.67	1	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	3
Faculty Signature													

Decksha
Blank

16/8/17
H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engineering & Technology
Mijar, MOODBIDRI-574 225

PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME ASSESSMENT MATRIX

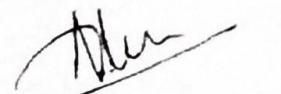
Alva's Institute of Engineering and Technology, Moodbidri

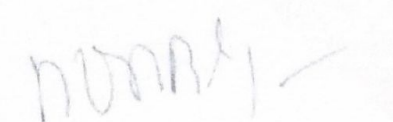
Department of Civil Engineering

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
15CV43.1	1	1	0	0	0	0	0	0	0	0	0	0
15CV43.2	2	1	0	0	0	0	0	0	0	0	0	0
15CV43.3	1	2	0	0	0	0	0	0	0	0	0	0
15CV43.4	2	1	0	0	0	0	0	0	0	0	0	0
15CV43.5	1	1	0	0	0	0	0	0	0	0	0	0
15CV43.6	1	1	0	0	0	0	0	0	0	0	0	0
AVG	1.5	1	0	0	0	0	0	0	0	0	0	0

PO Attainment Calculation

COs	CO Attainment Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
15CV43.1	1.40	0.5	0.5	0	0	0	0	0	0	0	0	0	0
15CV43.2	1.40	0.9	0.5	0	0	0	0	0	0	0	0	0	0
15CV43.3	1.40	0.5	0.9	0	0	0	0	0	0	0	0	0	0
15CV43.4	1.40	0.9	0.5	0	0	0	0	0	0	0	0	0	0
15CV43.5	1.40	0.9	0.5	0	0	0	0	0	0	0	0	0	0
15CV43.6	1.40	0.5	0.5	0	0	0	0	0	0	0	0	0	0
	Weighted Sum --->	4.2	3.3	0	0	0	0	0	0	0	0	0	0
	Max Weight --->	8	7	0	0	0	0	0	0	0	0	0	0
PO Attainment in percentage	:----->	52.50	46.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PO Attained Grade	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
		0.79	0.47	0	0	0	0	0	0	0	0	0	0

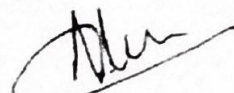

Course Teacher

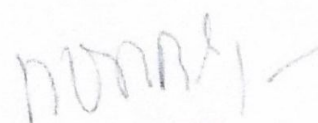

H.O.D.,
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

COURSE OUTCOMES (COs) ASSESSMENT MATRIX			
Alva's Institute of Engineering and Technology, Moodbidri			
Department of Civil Engineering			
COs	Formative Assessment	Summative Assessment	Total Attainment
CO 1	3.00	1	1.40
CO2	3.00	1	1.40
CO 3	3.00	1	1.40
CO 4	3.00	1	1.40
CO 5	3.00	1	1.40
CO6	3.00	1	1.40

Note:

Total Attainment = (Weightage*Formative Assessment)+(Weightage*Summative Assessment) Weightage for Formative Assessment = 20%; Weightage for Summative Assessment = 80%


Course Teacher


H.O.D.
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225