AUTHENTICATION CERTIFICATE

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient.

The list of following documents enclosed

Sl. No	Description	Page Number	Link for the Relevant Documents
1	Description about attainment of programme outcomes and course outcomes	2	View Documents
2	Attainment of course outcome	3	

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2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution

In our institution, we take a holistic approach to assessing student learning outcomes. Our analysis is based on a benchmark that combines various evaluation tools including IAT1, IAT2, IAT3, seminar marks, assignments, and university results. This comprehensive approach enables us to evaluate student attainment levels accurately.

In Micro 1, we assign benchmark scores based on a combination of IAT1, IAT2, and IAT3. These scores are then combined with seminar marks and assignment scores to determine the overall attainment level. Similarly, in Micro 2, assignment scores and university results are used to evaluate student attainment.

To achieve the highest possible marks, students must demonstrate excellent performance in all assessment components. The overall attainment is then finalized by weighting the scores as follows: 10% for Micro 1, 10% for Micro 2, 10% for university results, and 80% for the overall result (Macro).

Once the Micro 1, Micro 2, and Macro scores are combined, we get the Direct CO attainment. The overall attainment is then calculated by weighting the Direct CO attainment at 80% and the End survey at 20%. This approach ensures that student attainment is evaluated comprehensively, considering both academic performance and feedback from the End survey.

Our assessment and attainment process is designed to ensure that students meet the required standards and outcomes. By using a combination of evaluation tools and weighting scores appropriately, we can accurately measure student attainment and identify areas for improvement. This approach also enables us to refine our curriculum and assessment strategies to better support student learning and success.

In conclusion, our institution is committed to ensuring academic excellence and quality assurance through a rigorous assessment and attainment process. By evaluating student learning outcomes comprehensively, we can provide our students with a transformative education that prepares them for success in their chosen fields.

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

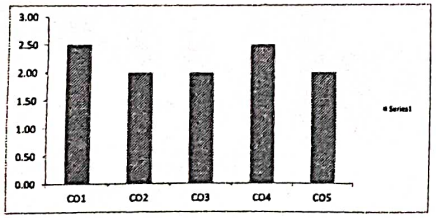
COURSE OUTCOME ATTAINMENT

MICRO LEVEL ANALYSIS

Subject Code/ Name:		CS8079/HCI	Staff Name:	Ms. Jessika
Year/Sem :	IV/ VII	Number of Students in Class:		16
Batch :	2019-2023	Bench Mark:	30	

SLNo	Register Number	Name of the Student	IAT1+IAT2+IAT3(Micro 1)										Assignment+Seminar(Micro 2)										University Result(Macro)			Course End Survey(100)					Bench Mark Attainment						
			CO CS3301.1	Attainment Status	CO CS3301.2	Attainment Status	CO CS3301.3	Attainment Status	CO CS3301.4	Attainment Status	CO CS3301.5	Attainment Status	Ass 1 CO1	Attainment Status	Ass 2 CO2	Attainment Status	Ass 3 CO3	Attainment Status	Seminar 1 CO4	Attainment Status	Seminar 2 CO5	Attainment Status	Grade		Attainment Status	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5		
1	960119104001	ABIRAMI A	74	N	73	N	67	N	82	Y	93	Y	100	Y	80	Y	80	Y	70	N	80	Y	B+	8	Y	85	90	90	95	80	3	3	3	3	2		
2	960119104002	AJAY M	84	Y	91	Y	80	Y	86	Y	82	Y	85	Y	75	N	70	N	80	Y	90	Y	UA	0	Y	65	70	60	70	60	2	2	1	2	1	C	5
3	960119104003	ANTONY NIVI SNEHA A	76	N	77	N	77	N	73	N	82	Y	96	Y	100	Y	70	N	90	Y	90	Y	B+	9	Y	70	70	60	70	65	2	2	1	2	2	O	10
4	960119104004	ASIA JULIET S	74	N	83	Y	80	Y	150	Y	75	N	92	Y	90	Y	90	Y	70	N	90	Y	A	9	Y	65	70	70	60	60	2	2	2	1	1	A+	9
5	960119104005	AVINESH V	82	Y	78	N	73	N	73	N	79	N	90	Y	80	Y	90	Y	80	Y	90	Y	B+	7	N	60	70	80	80	70	1	2	2	2	2	A	8
6	960119104006	BALA SURESH K	87	Y	83	Y	77	N	77	N	82	Y	95	Y	100	Y	90	Y	90	Y	100	Y	B+	8	Y	60	80	80	80	70	1	2	2	2	2	B+	7
7	960119104008	ISHWARYA P	71	N	73	N	87	Y	86	Y	75	N	90	Y	100	Y	90	Y	90	Y	90	Y	A	8	Y	90	90	80	90	90	3	3	2	3	3	B	6
8	960119104009	KANAKAVALLI L	87	Y	86	Y	83	Y	95	Y	75	N	80	Y	80	Y	90	Y	90	Y	90	Y	A	8	Y	60	60	65	70	70	1	1	2	2	2	RA	0
9	960119104010	KAVIN M	82	Y	84	Y	73	N	68	N	82	Y	90	Y	90	Y	90	Y	90	Y	70	N	B	8	Y	70	75	65	70	70	2	2	2	2	2	U	0
10	960119104011	LIPTO SHAJIN R	74	N	71	N	83	Y	91	Y	79	N	90	Y	90	Y	100	Y	100	Y	80	Y	B+	8	Y	80	75	80	80	80	2	2	2	2	2	0	Attained O
11	960119104012	MARIA PRATHIBA A	82	Y	79	N	77	N	86	Y	79	N	100	Y	100	Y	90	Y	90	Y	90	Y	B	8	Y	60	60	70	70	60	1	1	2	2	1	0	Attained A+
12	960119104013	PRATHEESH F	82	Y	82	Y	73	N	82	Y	86	Y	90	Y	90	Y	70	N	90	Y	90	Y	B	7	N	65	65	70	70	80	2	2	2	2	2	3	Attained A
13	960119104014	RANTSHKA M	79	N	73	N	80	Y	86	Y	79	N	75	N	90	Y	80	Y	90	Y	90	Y	B+	8	Y	70	65	60	65	60	2	2	1	2	1	6	Attained B+
14	960119104015	RONALD A	84	Y	81	Y	90	Y	82	Y	71	N	100	Y	90	Y	90	Y	90	Y	90	Y	B	8	Y	70	60	65	60	65	2	1	2	1	2	5	Attained B
15	960119104017	SIVA RANJINI K	116	Y	80	Y	73	N	77	N	89	Y	100	Y	80	Y	80	Y	100	Y	100	Y	U	8	Y	75	60	65	80	80	2	1	2	2	2	1	Attained U
16	960119104018	SOWMIYA M	82	Y	71	N	80	Y	86	Y	86	Y	80	Y	90	Y	90	Y	90	Y	90	Y	B	8	Y	60	80	70	70	60	1	2	2	2	1	15	Total
Number of Students attained More than 80% of Marks				10		8		8		11		8		15		15		13		14		15			14												
% of attainment				62.5		50.0		50.0		68.8		50.0		93.8		93.8		81.3		87.5		93.8			87.5												
Attainment Level				2		1		1		2		1		3		3		3		3		3			3												
Average of Micro IA		1.40	Average of MICRO Assignment										3.0										End Sem		3.0												

CO1	2.50
CO2	2.00
CO3	2.00
CO4	2.50
CO5	2.00



Direct CO Attainment= 20% IA Direct + 20 % of Assignment Direct+ 60% of University	
20% IA Direct	0.28
20 % of Assignment Direct	0.60
60% of University	1.80
Direct CO Attainment	2.68
Overall CO Attainment= 80% of Direct CO + 20% of End Survey	
80% of Direct CO	2.14
20 % of End Survey	0.43
Overall CO Attainment	2.57

	MICRO 1				
	CO1	CO2	CO3	CO4	CO5
>=80	10	8	8	11	8
>=60 <80	6	8	8	5	8
>=50 <60	0	0	0	0	0
<50	0	0	0	0	0

COURSE END SURVEY				
CO/ LEVELS	1	2	3	CO %
CO1	5	9	2	72.92
CO2	4	10	2	70.83
CO3	3	12	1	70.83
CO4	2	12	2	66.67
CO5	5	10	1	75
AVERAGE ATTAINMENT LEVEL				2.137

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

COURSE OUTCOME ATTAINMENT

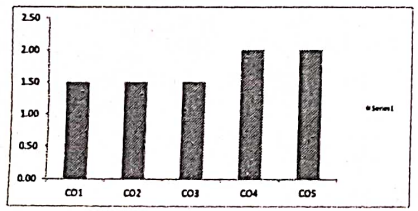
MICRO LEVEL ANALYSIS

Subject Code/ Name:		IT8075/SPM	Staff Name:	Dr. Usha Ruby
Year/Sem :	IV/ VII	Number of Students in Class:		16
Batch :	2019-2023	Bench Mark:	60	

Sl.No	Register Number	Name of the Student	IAT1+IAT2+IAT3(Micro 1)										Assignment+Seminar(Micro 2)										University Result(Macro)			Course End Survey(100)					Bench Mark Attainment				
			CO CS3301 .1	Attainment Status	CO CS3301. 2	Attainment Status	CO CS3301. 3	Attainment Status	CO CS3301. 4	Attainment Status	CO CS3301. 5	Attainment Status	Ass 1 CO1	Attainment Status	Ass 2 CO2	Attainment Status	Ass 3 CO3	Attainment Status	Seminar 1 CO4	Attainment Status	Seminar 2 CO5	Attainment Status	Grade		Attainment Status	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5
1	960119104001	ABIRAMI A	68	N	68	N	73	N	82	Y	82	Y	100	Y	80	Y	80	Y	70	N	80	Y	A	8	Y	85	90	90	95	80	3	3	3	3	2
2	960119104002	AJAY M	79	N	83	Y	83	Y	86	Y	82	Y	85	Y	90	Y	70	N	80	Y	90	Y	UA	O	Y	65	70	60	70	60	2	2	1	2	1
3	960119104003	ANTONY NIVI SNEHA A	76	N	77	N	77	N	68	N	82	Y	75	N	100	Y	70	N	90	Y	90	Y	A	9	Y	70	70	60	70	65	2	2	1	2	2
4	960119104004	ASIA JULIET S	74	N	75	N	80	Y	82	Y	71	N	92	Y	90	Y	90	Y	70	N	90	Y	A+	9	Y	65	70	70	60	60	2	2	2	1	1
5	960119104005	AVINESH V	76	N	78	N	80	Y	73	N	68	N	90	Y	80	Y	90	Y	80	Y	90	Y	A	7	N	60	70	80	80	70	1	2	2	2	2
6	960119104006	BALA SURESH K	71	N	78	N	73	N	77	N	82	Y	95	Y	100	Y	90	Y	90	Y	100	Y	A	8	Y	60	80	80	80	70	1	2	2	2	2
7	960119104008	ISHWARYA P	76	N	71	N	87	Y	73	N	75	N	90	Y	100	Y	90	Y	90	Y	90	Y	A	8	Y	90	90	80	90	90	3	3	2	3	3
8	960119104009	KANAKAVALLI L	79	N	83	Y	77	N	86	Y	75	N	80	Y	80	Y	90	Y	90	Y	90	Y	A	8	Y	60	60	65	70	70	1	1	2	2	2
9	960119104010	KAVIN M	76	N	84	Y	73	N	68	N	86	Y	90	Y	90	Y	90	Y	90	Y	70	N	B	8	Y	70	75	65	70	70	2	2	2	2	2
10	960119104011	LIPTO SHAJIN R	74	N	71	N	77	N	77	N	79	N	90	Y	90	Y	100	Y	100	Y	80	Y	A	8	Y	80	75	80	80	80	2	2	2	2	2
11	960119104012	MARIA PRATHIBA A	82	Y	79	N	77	N	82	Y	79	N	100	Y	100	Y	90	Y	90	Y	90	Y	B+	8	Y	60	60	70	70	60	1	1	2	2	1
12	960119104013	PRATHEESH P	82	Y	79	N	73	N	82	Y	82	Y	90	Y	90	Y	70	N	90	Y	90	Y	B	7	N	65	65	70	70	80	2	2	2	2	2
13	960119104014	RANISHKA M	79	N	68	N	87	Y	86	Y	79	N	80	Y	70	N	80	Y	90	Y	90	Y	B	8	Y	70	65	60	65	60	2	2	1	2	1
14	960119104015	RONALD A	79	N	81	Y	90	Y	82	Y	71	N	100	Y	90	Y	90	Y	90	Y	90	Y	B+	8	Y	70	60	65	60	65	2	1	2	1	2
15	960119104017	SIVA RANJINI K	76	N	75	N	73	N	77	N	89	Y	100	Y	80	Y	80	Y	100	Y	100	Y	B	8	Y	75	60	65	80	80	2	1	2	2	2
16	960119104018	SOWMIYA M	71	N	71	N	80	Y	86	Y	82	Y	80	Y	90	Y	90	Y	90	Y	90	Y	B+	8	Y	60	80	70	70	60	1	2	2	2	1
	Number of Students attained More than 80% of Marks			2		4		7		9		8		15		15		13		14		15			14										
	% of attainment			12.5		25.0		43.8		56.3		50.0		93.8		93.8		81.3		87.5		93.8			87.5										
	Attainment Level			0		0		0		1		1		3		3		3		3		3			3										
	Average of Micro IA	0.40						Average of MICRO Assignment				3.0											End Sem		3.0										

C	5
O	10
A+	9
A	8
B+	7
B	6
RA	0
U	0
0	Attained O
1	Attained A+
7	Attained A
3	Attained B+
4	Attained B
0	Attained U
15	Total

CO1	1.50
CO2	1.50
CO3	1.50
CO4	2.00
CO5	2.00



Direct CO Attainment= 20% IA Direct + 20 % of Assignment Direct+ 60% of University	
20% IA Direct	0.08
20 % of Assignment Direct	0.60
60% of University	1.80
Direct CO Attainment	2.48
Overall CO Attainment= 80% of Direct CO + 20% of End Survey	
80% of Direct CO	1.98
20 % of End Survey	0.43
Overall CO Attainment	2.41

	MICRO 1				
	CO1	CO2	CO3	CO4	CO5
>=80	2	4	7	9	8
>=60 <80	14	12	9	7	8
>=50 <60	0	0	0	0	0
<50	0	0	0	0	0

COURSE END SURVEY				
CO/ LEVELS	1	2	3	CO %
CO1	5	9	2	72.92
CO2	4	10	2	70.83
CO3	3	12	1	70.83
CO4	2	12	2	66.67
CO5	5	10	1	75
AVERAGE ATTAINMENT LEVEL				2.137

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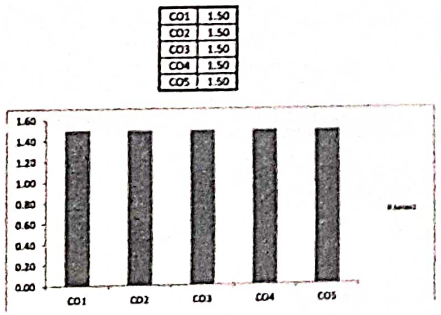
Department of Computer Science and Engineering

COURSE OUTCOME ATTAINMENT

MICRO LEVEL ANALYSIS

Subject Code/ Name:		CS8792/CNS	Staff Name:	Ms. Romiya
Year/Sem:	IV/ VII	Number of Students in Class:		16
Batch:	2019-2023	Bench Mark:	60	

Sl.No	Register Number	Name of the Student	IAT1+IAT2+IAT3(Micro 1)										Assignment+Seminar(Micro 2)										University Result(Macro)			Course End Survey(100)					Bench Mark Attainment						
			CO CS3301.1	Attainment Status	CO CS3301.2	Attainment Status	CO CS3301.3	Attainment Status	CO CS3301.4	Attainment Status	CO CS3301.5	Attainment Status	Ass 1 CO1	Attainment Status	Ass 2 CO2	Attainment Status	Ass 3 CO3	Attainment Status	Seminar 1 CO4	Attainment Status	Seminar 2 CO5	Attainment Status	Grade		Attainment Status	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5		
1	960119104001	ABIRAMI A	68	N	68	N	73	N	82	Y	86	Y	100	Y	80	Y	80	Y	70	N	80	Y	B+	8	Y	85	90	90	95	80	3	3	3	3	2		
2	960119104002	AJAY M	79	N	86	Y	77	N	73	N	82	Y	85	Y	90	Y	70	N	80	Y	90	Y	UA	0	Y	65	70	60	70	60	2	2	1	2	1	C	5
3	960119104003	ANTONY NIVI SNEHA A	76	N	77	N	77	N	73	N	82	Y	96	Y	100	Y	70	N	90	Y	90	Y	B+	9	Y	70	70	60	70	65	2	2	1	2	2	O	10
4	960119104004	ASIA JULIET S	74	N	78	N	80	Y	82	Y	71	N	92	Y	75	N	90	Y	70	N	90	Y	B+	9	Y	65	70	70	60	60	2	2	2	1	1	A+	9
5	960119104005	AVINESH V	82	Y	78	N	77	N	73	N	79	N	90	Y	80	Y	90	Y	80	Y	90	Y	U	7	N	60	70	80	80	70	1	2	2	2	2	A	8
6	960119104006	BALA SURESH K	79	N	87	Y	73	N	73	N	82	Y	95	Y	100	Y	90	Y	90	Y	100	Y	B	8	Y	60	80	80	80	70	1	2	2	2	2	B+	7
7	960119104008	ISHWARYA P	76	N	71	N	87	Y	68	N	75	N	90	Y	100	Y	90	Y	90	Y	90	Y	B+	8	Y	90	90	80	90	90	3	3	2	3	3	B	6
8	960119104009	KANAKAVALLI L	79	N	83	Y	83	Y	86	Y	71	N	75	N	80	Y	90	Y	90	Y	90	Y	B	8	Y	60	60	65	70	70	1	1	2	2	2	RA	0
9	960119104010	KAVIN M	76	N	84	Y	73	N	73	N	86	Y	90	Y	90	Y	90	Y	90	Y	70	N	U	8	Y	70	75	65	70	70	2	2	2	2	2	U	0
10	960119104011	LIPTO SHAJIN R	74	N	75	N	77	N	77	N	79	N	90	Y	90	Y	100	Y	100	Y	80	Y	U	8	Y	80	75	80	80	80	2	2	2	2	2	0	Attained O
11	960119104012	MARIA PRATHIBA A	82	Y	79	N	77	N	73	N	75	N	100	Y	100	Y	90	Y	90	Y	90	Y	U	8	Y	60	60	70	70	60	1	1	2	2	1	0	Attained A+
12	960119104013	PRATHEESH F	82	Y	82	Y	73	N	82	Y	75	N	90	Y	90	Y	70	N	90	Y	90	Y	U	7	N	65	65	70	70	80	2	2	2	2	2	0	Attained A
13	960119104014	RANJSHKA M	79	N	68	N	80	Y	68	N	79	N	80	Y	90	Y	80	Y	90	Y	90	Y	U	8	Y	70	65	60	65	60	2	2	1	2	1	4	Attained B+
14	960119104015	RONALD A	82	Y	81	Y	90	Y	77	N	71	N	100	Y	90	Y	90	Y	90	Y	90	Y	U	8	Y	70	60	65	60	65	2	1	2	1	2	2	Attained B
15	960119104017	SIVA RANJINI K	116	Y	75	N	73	N	77	N	75	N	100	Y	80	Y	80	Y	100	Y	100	Y	U	8	Y	75	60	65	80	80	2	1	2	2	2	9	Attained U
16	960119104018	SOWMIYA M	76	N	71	N	77	N	86	Y	75	N	80	Y	90	Y	90	Y	90	Y	90	Y	U	8	Y	60	80	70	70	60	1	2	2	2	1	15	Total
Number of Students attained More than 80% of Marks				5		6		5		5			15		15		13		14		15				14												
% of attainment				31.3		37.5		31.3		31.3			93.8		93.8		81.3		87.5		93.8				87.5												
Attainment Level				0		0		0		0			3		3		3		3		3				3												
Average of Micro IA		0.00	Average of MICRO Assignment									3.0										End Sem			3.0											



Direct CO Attainment= 20% IA Direct + 20 % of Assignment Direct+ 60% of University	
20% IA Direct	0.00
20 % of Assignment Direct	0.60
60% of University	1.80
Direct CO Attainment	2.40
Overall CO Attainment= 80% of Direct CO + 20% of End Survey	
80% of Direct CO	1.92
20 % of End Survey	0.43
Overall CO Attainment	2.35

	IAT(MT)				
	CO1	CO2	CO3	CO4	CO5
>=80	5	6	5	5	5
>=60 <80	11	10	11	11	11
>=50 <60	0	0	0	0	0
<50	0	0	0	0	0

COURSE END SURVEY				
CO/ LEVELS	1	2	3	CO %
CO1	5	9	2	72.92
CO2	4	10	2	70.83
CO3	3	12	1	70.83
CO4	2	12	2	66.67
CO5	5	10	1	75
AVERAGE ATTAINMENT LEVEL				2.183

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

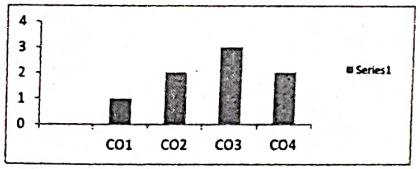
Department of Computer Secience and Engineering

COURSE OUTCOME ATTAINMENT

Subject Code/ Name:	CS8711 / CC LAB	Staff Name:	Mr.Nagarajan
Year/Sem :	IV / VII	Number of Students in Class:	16
Bench Mark:	70		

Sl.No	Register Number	Name of the Student	CS8711.1	Attainment Status	CS8711.2	Attainment Status	CS8711.3	Attainment Status	CS8711.4	Attainment Status	CS8711.5	Attainment Status	MODEL	Attainment Status	University Results			CS8711.1	Attainment Status	CS8711.2	Attainment Status	CS8711.3	Attainment Status	CS8711.4	Attainment Status	CS8711.5	Attainment Status
																		Course End Survey(100)									
1	960119104001	ABIRAMI A	63.3	N	75	Y	85	Y	65	N	70	Y	97	Y	O	10	Y	97	Y	88	Y	99	Y	99	Y	89	Y
2	960119104002	AJAY M	73.3	Y	82.5	Y	62.5	N	67.5	N	85	Y	95	Y	U	0	N	95	Y	95	Y	97	Y	97	Y	95	Y
3	960119104003	ANTONY NIVI SNEHA A	68.3	N	75	Y	82.5	Y	85	Y	85	Y	91	Y	O	10	Y	80	Y	80	Y	85	Y	80	Y	80	Y
4	960119104004	ASIA JULIET S	93.3	Y	92.5	Y	97.5	Y	97.5	Y	95	Y	92	Y	O	10	Y	95	Y	100	Y	95	Y	95	Y	100	Y
5	960119104005	AVINESH V	90.0	Y	92.5	Y	90	Y	95	Y	90	Y	97	Y	A+	9	Y	90	Y	92	Y	90	Y	90	Y	95	Y
6	960119104006	BALA SURESH K	68.3	N	65	N	85	Y	85	Y	85	Y	95	Y	O	10	Y	97	Y	90	Y	91	Y	91	Y	89	Y
7	960119104008	ISHWARYA P	75.0	Y	75	Y	82.5	Y	85	Y	85	Y	88	Y	O	10	Y	95	Y	99	Y	93	Y	95	Y	90	Y
8	960119104009	KANAKAVALLI L	81.7	Y	82.5	Y	85	Y	67.5	N	75	Y	97	Y	O	10	Y	89	Y	97	Y	95	Y	99	Y	91	Y
9	960119104010	KAVIN M	63.3	N	65	N	87.5	Y	70	Y	65	N	95	Y	A+	9	Y	90	Y	95	Y	89	Y	97	Y	93	Y
10	960119104011	LIPTO SHAJIN R	78.3	Y	85	Y	85	Y	70	Y	75	Y	91	Y	O	10	Y	100	Y	89	Y	95	Y	95	Y	95	Y
11	960119104012	MARIA PRATHIBA A	81.7	Y	90	Y	77.5	Y	80	Y	80	Y	95	Y	O	10	Y	95	Y	90	Y	95	Y	89	Y	90	Y
12	960119104013	PRATHEESH F	55.0	N	75	Y	77.5	Y	70	Y	55	N	92	Y	O	10	Y	100	Y	91	Y	90	Y	90	Y	99	Y
13	960119104014	RANISHKA M	68.3	N	65	N	70	Y	62.5	N	85	Y	96	Y	O	10	Y	95	Y	93	Y	95	Y	91	Y	97	Y
14	960119104015	RONALD A	61.7	N	87.5	Y	82.5	Y	57.5	N	85	Y	97	Y	O	10	Y	95	Y	90	Y	90	Y	93	Y	95	Y
15	960119104017	SIVA RANJINI K	75.0	Y	67.5	N	72.5	Y	62.5	N	65	N	97	Y	O	10	Y	90	Y	90	Y	95	Y	90	Y	89	Y
16	960119104018	SOWMIYA M	71.7	Y	80	Y	80	Y	72.5	Y	75	Y	85	Y	O	10	Y	95	Y	95	Y	95	Y	90	Y	90	Y
	Number of Students attained More than 70% of			9		12		15		10		13		16			15		16		16		16		16		16
	% of attainment			56.3		75		93.8		62.5		81.3		100			94		100		100		100		100		100
	Attainment Level			1		2		3		2		3		3			3		3		3		3		3		3
	Average of Practical		2.2					Average of Model					3.0		End Sem		3.0					Average of End Survey				3.0

O	10
A+	9
A	8
B+	7
B	6
RA	0
SA	0
U	0



CO1	1.00
CO2	2.00
CO3	3.00
CO4	2.00
CO5	3.00

Direct CO Attainment= 30% Average of Practical + 30 % of Average of Model+ 40% of University	
30% Average of Practical	0.66
30 % of Average of Model	0.90
40% of University	1.20
Direct CO Attainment	2.76
Indirect CO Attainment= 80% of Direct CO + 20% of End Surcey	
80% of Direct CO	2.21
20 % of End Survey	0.60
Overall CO Attainment	2.81

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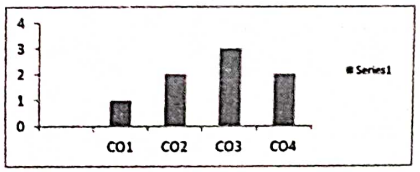
ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Secience and Engineering

COURSE OUTCOME ATTAINMENT

Subject Code/ Name:	IT8761 / SEC LAB	Staff Name:	Dr. Anto Bennet
Year/Sem :	IV /VII	Number of Students in Class:	16
Bench Mark:	70		

Sl.No	Register Number	Name of the Student	IT8761.1	Attainment Status	IT8761.2	Attainment Status	IT8761.3	Attainment Status	IT8761.4	Attainment Status	IT8761.5	Attainment Status	MODEL	Attainment Status	University Results			Course End Survey(100) IT8761.1	Attainment Status	IT8761.2	Attainment Status	IT8761.3	Attainment Status	IT8761.4	Attainment Status	IT8761.5	Attainment Status		
1	960119104001	ABIRAMI A	63.3	N	75	Y	85	Y	65	N	70	Y	97	Y	o	10	Y	97	Y	88	Y	99	Y	99	Y	89	Y	O	10
2	960119104002	AJAY M	73.3	Y	82.5	Y	62.5	N	67.5	N	85	Y	95	Y	U	0	N	95	Y	95	Y	97	Y	97	Y	95	Y	A+	9
3	960119104003	ANTONY NIVI SNEHA A	68.3	N	75	Y	82.5	Y	85	Y	85	Y	91	Y	o	10	Y	80	Y	80	Y	85	Y	80	Y	80	Y	A	8
4	960119104004	ASIA JULIET S	93.3	Y	92.5	Y	97.5	Y	97.5	Y	95	Y	92	Y	o	10	Y	95	Y	100	Y	95	Y	95	Y	100	Y	B+	7
5	960119104005	AVINESH V	90.0	Y	92.5	Y	90	Y	95	Y	90	Y	97	Y	o	10	Y	90	Y	92	Y	90	Y	90	Y	95	Y	B	6
6	960119104006	BALA SURESH K	68.3	N	65	N	85	Y	85	Y	85	Y	95	Y	o	10	Y	97	Y	90	Y	91	Y	91	Y	89	Y	RA	0
7	960119104008	ISHWARYA P	75.0	Y	75	Y	82.5	Y	85	Y	85	Y	88	Y	o	10	Y	95	Y	99	Y	93	Y	95	Y	90	Y	SA	0
8	960119104009	KANAKAVALLI L	81.7	Y	82.5	Y	85	Y	67.5	N	75	Y	97	Y	o	10	Y	89	Y	97	Y	95	Y	99	Y	91	Y	U	0
9	960119104010	KAVIN M	63.3	N	65	N	87.5	Y	70	Y	65	N	95	Y	o	10	Y	90	Y	95	Y	89	Y	97	Y	93	Y		
10	960119104011	LIPTO SHAJIN R	78.3	Y	85	Y	85	Y	70	Y	75	Y	91	Y	A+	9	Y	100	Y	89	Y	95	Y	95	Y	95	Y		
11	960119104012	MARIA PRATHIBA A	81.7	Y	90	Y	77.5	Y	80	Y	80	Y	95	Y	A+	9	Y	95	Y	90	Y	95	Y	89	Y	90	Y		
12	960119104013	PRATHEESH F	55.0	N	75	Y	77.5	Y	70	Y	55	N	92	Y	o	10	Y	100	Y	91	Y	90	.Y	90	Y	99	Y		
13	960119104014	RANISHKA M	68.3	N	65	N	70	Y	62.5	N	85	Y	96	Y	o	10	Y	95	Y	93	Y	95	Y	91	Y	97	Y		
14	960119104015	RONALD A	61.7	N	87.5	Y	82.5	Y	57.5	N	85	Y	97	Y	o	10	Y	95	Y	90	Y	90	Y	93	Y	95	Y		
15	960119104017	SIVA RANJINI K	75.0	Y	67.5	N	72.5	Y	62.5	N	65	N	97	Y	o	10	Y	90	Y	90	Y	95	Y	90	Y	89	Y		
16	960119104018	SOWMIYA M	71.7	Y	80	Y	80	Y	72.5	Y	75	Y	85	Y	o	10	Y	95	Y	95	Y	95	Y	90	Y	90	Y		
	Number of Students attained More than 70% of			9		12		15		10		13		16			15		16		16		16		16		16	
	% of attainment			56.3		75		93.8		62.5		81.3		100			94		100		100		100		100		100	
	Attainment Level			1		2		3		2		3		3			3		3		3		3		3		3	
	Average of Practical		2.2					Average of Model					3.0		End Sem		3.0						Average of End Survey				3.0	



CO1	1.00
CO2	2.00
CO3	3.00
CO4	2.00
CO5	3.00

Direct CO Attainment= 30% Average of Practical + 30 % of Average of Model+ 40% of University	
30% Average of Practical	0.66
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Overall CO Attainment	2.81

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

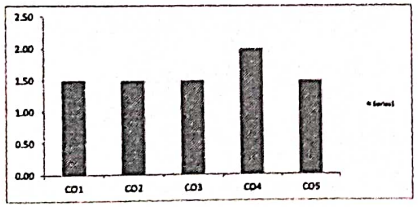
COURSE OUTCOME ATTAINMENT

MICRO LEVEL ANALYSIS

Subject Code/ Name:		MG8591/POM	Staff Name:	Dr.S.J.Jereesha Mary
Year/Sem :	IV/ VII	Number of Students in Class:		16
Batch :	2019-2023	Bench Mark:	60	

Sl.No	Register Number	Name of the Student	IAT1+IAT2+IAT3(Micro 1)										Assignment+Seminar(Micro 2)										University Result(Macro)			Course End Survey(100)					Bench Mark Attainment						
			CO CS3301 .1	Attainment Status	CO CS3301. 2	Attainment Status	CO CS3301. 3	Attainment Status	CO CS3301. 4	Attainment Status	CO CS3301. 5	Attain ment Status	Ass 1 CO1	Attain ment Status	Ass 2 CO2	Attain ment Status	Ass 3 CO3	Attainment Status	Seminar 1 CO4	Attainment Status	Seminar 2 CO5	Attainment Status	Grade		Attainment Status	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5	CO CS3301.1	CO CS3301.2	CO CS3301.3	CO CS3301.4	CO CS3301.5		
1	960119104001	ABIRAMI A	68	N	73	N	70	N	82	Y	82	Y	100	Y	80	Y	80	Y	70	N	80	Y	A	8	Y	85	90	90	95	80	3	3	3	3	2		
2	960119104002	AJAY M	84	Y	91	Y	80	Y	86	Y	82	Y	85	Y	90	Y	70	N	80	Y	90	Y	UA	O	Y	65	70	60	70	60	2	2	1	2	1	C	5
3	960119104003	ANTONY NIVI SNEHA A	76	N	77	N	77	N	73	N	75	N	96	Y	100	Y	70	N	90	Y	90	Y	A	9	Y	70	70	60	70	65	2	2	1	2	2	O	10
4	960119104004	ASIA JULIET S	74	N	79	N	80	Y	82	Y	82	Y	92	Y	90	Y	90	Y	70	N	90	Y	B+	9	Y	65	70	70	60	60	2	2	2	1	1	A+	9
5	960119104005	AVINESH V	76	N	78	N	77	N	73	N	79	N	90	Y	80	Y	90	Y	80	Y	90	Y	B+	7	N	60	70	80	80	70	1	2	2	2	2	A	8
6	960119104006	BALA SURESH K	76	N	78	N	70	N	73	N	82	Y	95	Y	100	Y	90	Y	90	Y	100	Y	B+	8	Y	60	80	80	80	70	1	2	2	2	2	B+	7
7	960119104008	ISHWARYA P	76	N	68	N	87	Y	86	Y	75	N	90	Y	100	Y	90	Y	90	Y	90	Y	A	8	Y	90	90	80	90	90	3	3	2	3	3	B	6
8	960119104009	KANAKAVALLI L	87	Y	75	N	83	Y	95	Y	75	N	80	Y	80	Y	90	Y	90	Y	90	Y	A	8	Y	60	60	65	70	70	1	1	2	2	2	RA	0
9	960119104010	KAVIN M	82	Y	84	Y	73	N	68	N	86	Y	90	Y	90	Y	90	Y	90	Y	70	N	U	8	Y	70	75	65	70	70	2	2	2	2	2	U	0
10	960119104011	LIPTO SHAJIN R	74	N	75	N	77	N	68	N	79	N	90	Y	90	Y	100	Y	100	Y	80	Y	A	8	Y	80	75	80	80	80	2	2	2	2	2	0	Attained O
11	960119104012	MARIA PRATHIBA A	82	Y	79	N	77	N	82	Y	79	N	100	Y	100	Y	90	Y	90	Y	90	Y	B+	8	Y	60	60	70	70	60	1	1	2	2	1	0	Attained A+
12	960119104013	PRATHEESH F	82	Y	82	Y	73	N	82	Y	86	Y	90	Y	90	Y	70	N	90	Y	90	Y	B+	7	N	65	65	70	70	80	2	2	2	2	2	6	Attained A
13	960119104014	RANISHKA M	79	N	68	N	80	Y	86	Y	79	N	80	Y	90	Y	80	Y	90	Y	90	Y	B+	8	Y	70	65	60	65	60	2	2	1	2	1	7	Attained B+
14	960119104015	RONALD A	79	N	81	Y	90	Y	77	N	71	N	100	Y	90	Y	90	Y	90	Y	90	Y	A	8	Y	70	60	65	60	65	2	1	2	1	2	0	Attained B
15	960119104017	SIVA RANJINI K	76	N	75	N	77	N	77	N	89	Y	100	Y	80	Y	80	Y	100	Y	100	Y	U	8	Y	75	60	65	80	80	2	1	2	2	2	2	Attained U
16	960119104018	SOWMIYA M	82	Y	71	N	80	Y	86	Y	79	N	80	Y	90	Y	90	Y	90	Y	90	Y	B+	8	Y	60	80	70	70	60	1	2	2	2	1	15	Total
	Number of Students attained More than 80% of Marks			6		4		7		9		7		16		16		13		14		15			14												
	% of attainment			37.5		25.0		43.8		56.3		43.8		100.0		100.0		81.3		87.5		93.8			87.5												
	Attainment Level			0		0		0		1		0		3		3		3		3		3			3												
	Average of Micro IA	0.20						Average of MICRO Assignment				3.0											End Sem		3.0												

CO1	1.50
CO2	1.50
CO3	1.50
CO4	2.00
CO5	1.50



Direct CO Attainment= 20% IA Direct + 20 % of Assignment Direct+ 60% of University	
20% IA Direct	0.04
20 % of Assignment Direct	0.60
60% of University	1.80
Direct CO Attainment	2.44
Overall CO Attainment= 80% of Direct CO + 20% of End Survey	
80% of Direct CO	1.95
20 % of End Survey	0.43
Overall CO Attainment	2.38

MICRO 1					
	CO1	CO2	CO3	CO4	CO5
>=80	6	4	7	9	7
>=60 <80	10	12	9	7	9
>=50 <60	0	0	0	0	0
<50	0	0	0	0	0

COURSE END SURVEY				
CO/ LEVELS	1	2	3	CO %
CO1	5	9	2	72.92
CO2	4	10	2	70.83
CO3	3	12	1	70.83
CO4	2	12	2	66.67
CO5	5	10	1	75
AVERAGE ATTAINMENT LEVEL				2.137

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