

**CO Attainment**  
**2017-18**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CO ATTAINMENT SUMMARY SHEET**

**FINAL YEAR ENGINEERING**

**SEM-I / 2017-2018**

Sr. No.	Name of Subject	Direct Assessment	Indirect Assessment
		CO Attainment (%)	Course Exit Survey (%)
1	414453: Information and Cyber Security	69.15	80.14
2	414454: Software Modeling and Design	66.25	82.00
3	414455: Machine Learning	64.79	81.09
4	414456E: Elective-I: Cloud Computing	65.24	82.20
5	414457A: Elective-II: Business Intelligence	66.17	81.35
6	414460 : Project Phase - I	82.02	84.50



I/c CO PO Mapping  
Information Technology



I/c Academic Coordinator  
Information Technology



H.O.D.  
Information Technology

HOD  
Department of Information Technology  
RMDSSOE, Warje, Pune - 411 058.

**Sinhgad Technical Education Society's**  
**RASIKLAL M. DHARIWAL SINHGAD TECHNICAL INSTITUTES CAMPUS**  
**RMD SINHGAD SCHOOL OF ENGINEERING, WARJE, PUNE -58.**

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/ SEM-I/2017-18**

Name of Faculty Member: **Ms. Shivganga Mujgond** Name of Subject: **414453: Information and Cyber Security**

<b>Course Outcome:</b>	
1	Students shall be able to understand what are the common threats faced today.
2	What is the foundational theory behind information security.
3	What are the basic principles and techniques when designing a secure system.
4	How today's attacks and defenses work in practice.
5	How to assess threats for their significance.
6	How to gauge the protections and limitations provided by today's technology.

Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
		30	70	20	120	%	50	50	30	70	200	%
A-001	KAMBLE PRASHANT BHAURAO	9	40	18	67	56	AA	AA	13	AA	13	7
A-002	BADADE POOJA BHAGAWAN	25	38	20	100	83	43	41	13	33	130	65
A-003	BAGWAN AJIM KHADIR	22	23	18	63	53	38	36	17	49	140	70
A-004	BHOR VYANKATESH PRAMOD	11	43	18	72	60	AA	AA	15	44	59	30
A-005	BOTRE PRATIK BALASAHEB	23	AB	19	42	35	39	35	17	46	137	69
A-006	BURADE SHREYASH RAJENDRA	20	34	19	73	61	43	42	15	48	148	74
A-007	CHAVAN OMKAR SUNIL	27	39	19	85	71	39	37	15	48	139	70
A-008	DAND DEEPALI JALINDAR	28	44	19	91	76	41	40	10	47	138	69

Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
		30	70	20	120	%	50	50	30	70	200	%
A-009	DEO CHINMAY MILIND	AB	22	19	41	34	40	38	13	59	150	75
A-010	DESHMUKH AKSHAY DEVENDRA	20	38	19	77	64	38	37	13	39	127	64
A-011	GANAPURE SUDARSHAN DNYANOBA	22	33	18	73	61	35	34	19	42	130	65
A-012	GANDHI SHUBHAM RAJEEV	AB	38	17	55	46	44	44	13	38	139	70
A-013	HADAP APURVA JAYANT	21	33	18	72	60	44	44	17	47	152	76
A-014	HATTARGE VIKRAM VASANTRAO	10	38	18	66	55	AA	AA	15	37	52	26
A-015	HUDDAR GEETA ASHUTOSH	21	AB	19	40	33	40	37	15	40	132	66
A-016	JAMBHALE RAVIJA DEVIDAS	23	AB	19	42	35	35	33	08	36	112	56
A-017	JOSHI ABHISHEK SHRIKRISHNA	24	27	18	69	58	37	34	13	45	129	65
A-018	KADAM GAURAV KRISHNRAO	26	22	19	67	56	36	35	12	37	120	60
A-019	KARWA SAGAR KISHORE	27	34	19	80	67	41	40	18	48	147	74
A-020	KHADSAN GANESH SHANTARAM	28	AB	19	47	39	40	38	13	45	136	68
A-021	KHANDARE DHANASHREE EKNATH	22	35	18	75	63	39	37	16	46	138	69
A-022	KULKARNI SHALVI SANDIP	21	42	19	82	68	43	44	09	46	142	71
A-023	KUTTE AISHWARYA RAJENDRA	AB	38	17	55	46	38	36	19	53	146	73
A-024	MAHAJAN AISHWARYA SANTOSH	21	50	19	110	92	42	40	13	56	151	76
A-025	MAHANGADE ANIKET ANIL	28	AB	19	47	39	42	41	17	51	151	76
A-026	MARANE SHRADDHA RAJENDRA	AB	40	18	58	48	44	44	13	49	150	75
A-027	MORE ASHISH ANANT	8	36	19	63	53	33	15	12	29	89	45
A-028	MULUK OMKAR KISHOR	22	AB	19	120	100	35	36	02	15	88	44

Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
		30	70	20	120	%	50	50	30	70	200	%
A-029	NIMGAONKAR SOHAM NITIN	23	30	18	65	54	36	30	12	37	115	58
A-030	PAKHALE ANIKET PRAMOD	20	34	18	56	47	44	43	20	35	142	71
A-031	PATHAK AISHWARYA PRAKASH	24	39	19	118	98	42	42	14	48	146	73
A-032	PATIL KISHOR LIMBRAJ	25	44	19	122	102	35	30	11	44	120	60
A-033	PATIL PRATIKSHA SHIVAJI	AB	22	17	71	59	39	38	13	33	123	62
A-034	RADHIKA SINGH	21	38	19	90	75	39	38	14	43	134	67
A-035	RAUT OMKAR RAJENDRA	19	33	18	112	93	38	37	08	54	137	69
A-036	ROHA RAINA	AB	38	19	78	65	39	38	12	34	123	62
A-037	RUDRAWAR GAURAV OMPRAKASH	21	33	19	98	82	39	37	06	29	111	56
A-038	SHAH SAURABH KUBER	20	38	19	112	93	34	27	12	30	103	52
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	AB	21	19	105	88	38	37	13	43	131	66
A-040	SHELKE JIVAN ASHOK	22	34	19	114	95	44	44	18	54	160	80
A-041	SHETTE ANUJA BHAGWANRAO	23	AB	19	109	91	40	38	12	39	129	65
A-042	SINGH MANSI ASHISH	21	AB	17	100	83	41	37	16	40	134	67
A-043	SOLANKI ANKITA DEVENDRA	20	34	19	123	103	38	36	12	44	130	65
A-044	SONAWANE APURV VASANT	19	43	19	111	93	43	42	13	46	144	72
A-045	SUPEKAR VYANKATESH RAJAN	22	39	19	98	82	38	40	16	53	147	74
A-046	SWAPNIL RASAL	18	42	19	93	78	35	34	17	44	130	65
A-047	TANAYA JADHAV	AB	38	18	82	68	39	39	14	41	133	67
A-048	TEJASVI PANDEY	20	50	19	110	92	39	39	12	36	126	63

Roll No.	Name of Student	Direct Assessment										
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		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
		30	70	20	120	%	50	50	30	70	200	%
A-049	THOMBARE SNEHAL BHIMAJI	23	AB	17	102	85	44	43	16	47	150	75
A-050	VAHAGAONKAR SAMEER VILAS	AB	46	19	76	63	35	32	15	38	120	60
A-051	VISHVAJIT BHASKARAO MANE	AB	49	19	92	77	40	38	14	44	136	68
<b>Total sum of CO Attainment %age</b>					<b>3474</b>						<b>3255</b>	
<b>CO Attainment=</b> [Total sum of CO Attainment %age / No. of Students] * 100					<b>68.12</b>						<b>63.81</b>	
<b>CO Attainment of the Course</b>					<b>40.87</b>						<b>25.53</b>	
					<b>66.40</b>							
<b>Course Exit Survey</b>					<b>80.14</b>							
<b>Total CO Attainment of the Course</b>					<b>69.15</b>							

Date:

*Mujjond*  
Subject Teacher  
BE Information Technology

*Just*  
I/c CO PO Mapping  
Information Technology

*Jc*  
I/c Academic Coordinator  
Information Technology

*Shale*  
H.O.D.  
Information Technology

HOD  
Department of Information Technology  
RMDSSOE, Warje, Pune - 411 058.

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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/ SEM-I/2017-18**

Name of Faculty Member:

Ms. Yogita Wankhade

Name of  
Subject:

414454: Software Modeling and Design

**Course Outcome:**

- 1 Understand the usage of various UML diagrams to build a model.
- 2 Prepare an object oriented model in business domain of an application.
- 3 Prepare an object oriented model in solution domain.
- 4 Apply object oriented principles in the design of software system.
- 5 Get started on study of GOF design patterns.
- 6 Understand different types of software testing.

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		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			PR Exam	OR Exam	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-001	KAMBLE PRASHANT BHAURAO	25	39	18	82	68	18	40	08	AB	66	33
A-002	BADADE POOJA BHAGAWAN	26	38	18	82	68	40	36	15	36	127	64
A-003	BAGWAN AJIM KHADIR	21	36	17	74	62	43	42	18	41	144	72
A-004	BHOR VYANKATESH PRAMOD	25	50	19	94	78	15	10	01	41	67	34
A-005	BOTRE PRATIK BALASAHEB	23	30	19	72	60	42	35	17	51	145	73
A-006	BURADE SHREYASH RAJENDRA	20	19	18	57	48	40	41	12	51	144	72
A-007	CHAVAN OMKAR SUNIL	23	39	19	81	68	38	40	12	50	140	70
A-008	DAND DEEPALI JALINDAR	11	44	19	74	62	18	18	13	44	93	47
A-009	DEO CHINMAY MILIND	AB	32	19	51	43	39	41	10	52	142	71


Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage					Total	Percentage
		U1-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			PR Exam	OR Exam	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-010	DESHMUKH AKSHAY DEVENDRA	22	38	19	79	66	41	42	14	45	142	71
A-011	GANAPURE SUDARSHAN DNYANOBA	20	43	20	83	69	43	38	10	42	133	67
A-012	GANDHI SHUBHAM RAJEEV	AB	38	19	57	48	45	39	16	46	146	73
A-013	HADAP APURVA JAYANT	21	AB	19	40	33	45	46	18	51	160	80
A-014	HATTARGE VIKRAM VASANTRAO	23	38	18	79	66	34	22	02	30	88	44
A-015	HUDDAR GEETA ASHUTOSH	24	41	20	85	71	36	32	13	38	119	60
A-016	JAMBHALE RAVIJA DEVIDAS	21	AB	19	40	33	33	31	05	37	106	53
A-017	JOSHI ABHISHEK SHRIKRISHNA	22	37	19	78	65	36	32	7	30	105	53
A-018	KADAM GAURAV KRISHNRAO	21	32	19	72	60	39	38	15	49	141	71
A-019	KARWA SAGAR KISHORE	20	34	18	72	60	44	45	12	48	149	75
A-020	KHADSAN GANESH SHANTARAM	19	33	18	70	58	38	40	13	38	129	65
A-021	KHANDARE DHANASHREE EKNATH	20	49	19	88	73	46	45	8	35	134	67
A-022	KULKARNI SHALVI SANDIP	17	42	19	78	65	43	35	18	50	146	73
A-023	KUTTE AISHWARYA RAJENDRA	AB	48	20	68	57	18	21	12	48	99	50
A-024	MAHAJAN AISHWARYA SANTOSH	24	50	18	92	77	35	43	12	53	143	72
A-025	MAHANGADE ANIKET ANIL	28	17	19	64	53	44	42	12	46	144	72
A-026	MARANE SHRADDHA RAJENDRA	23	18	18	59	49	43	44	14	48	149	75
A-027	MORE ASHISH ANANT	AB	49	19	68	57	35	38	13	46	132	66
A-028	MULUK OMKAR KISHOR	21	47	19	87	73	34	33	05	35	107	54
A-029	NIMGAONKAR SOHAM NITIN	22	41	18	81	68	36	38	09	33	116	58




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		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			PR Exam	OR Exam	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-030	PAKHALE ANIKET PRAMOD	17	49	18	84	70	38	36	15	39	128	64
A-031	PATHAK AISHWARYA PRAKASH	23	18	19	60	50	40	44	12	44	140	70
A-032	PATIL KISHOR LIMBRAJ	8	38	17	63	53	37	30	9	38	114	57
A-033	PATIL PRATIKSHA SHIVAJI	20	50	18	88	73	34	41	12	42	129	65
A-034	RADHIKA SINGH	20	47	20	87	73	35	42	15	49	141	71
A-035	RAUT OMKAR RAJENDRA	19	52	20	91	76	35	44	06	46	131	66
A-036	ROHA RAINA	25	51	20	96	80	39	40	13	33	125	63
A-037	RUDRAWAR GAURAV OMPRAKASH	17	48	19	84	70	36	38	12	41	127	64
A-038	SHAH SAURABH KUBER	AB	43	19	62	52	35	37	08	34	114	57
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	21	48	20	89	74	34	33	09	43	119	60
A-040	SHELKE JIVAN ASHOK	22	43	18	83	69	47	46	13	54	160	80
A-041	SHETTE ANUJA BHAGWANRAO	17	48	20	85	71	34	33	12	47	126	63
A-042	SINGH MANSI ASHISH	23	AB	20	43	36	38	44	12	38	132	66
A-043	SOLANKI ANKITA DEVENDRA	21	48	20	89	74	39	43	12	45	139	70
A-044	SONAWANE APURV VASANT	AB	33	18	51	43	44	43	12	46	145	73
A-045	SUPEKAR VYANKATESH RAJAN	10	49	19	78	65	35	34	13	49	131	66
A-046	SWAPNIL RASAL	23	15	19	57	48	40	41	12	40	133	67
A-047	TANAYA JADHAV	AB	33	18	51	43	42	43	13	52	150	75
A-048	TEJASVI PANDEY	21	AB	20	41	34	43	42	09	40	134	67
A-049	THOMBARE SNEHAL BHIMAJI	22	48	20	90	75	40	38	12	48	138	69


Roll No.	Name of Student	Direct Assessment										
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		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-050	VAHAGAONKAR SAMEER VILAS	9	52	20	81	68	21	32	12	46	111	56
A-051	VISHVAJIT BHASKARAO MANE	11	48	19	78	65	39	38	12	33	122	61
<b>Total sum of CO Attainment %age</b>						<b>3115</b>						<b>3273</b>
<b>CO Attainment=</b> <b>[Total sum of CO Attainment %age / No. of Students] * 100</b>						<b>61.08</b>						<b>64.17</b>
<b>CO Attainment of the Course</b>						<b>36.65</b>						<b>25.67</b>
						<b>62.31</b>						
<b>Course Exit Survey</b>						<b>82.00</b>						
<b>Total CO Attainment of the Course</b>						<b>66.25</b>						

Date:

  
Subject Teacher  
BE Information Technology

  
I/c CO PO Mapping  
Information Technology

  
I/c Academic  
Coordinator  
Information  
Technology

  
H.O.D.  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/ SEM-I/2017-18**

Name of Faculty Member:

Mr. Sanjeev Angadi

Name of Subject: 414455: Machine Learning

**Course Outcome:**

- 1 Students will be able to model the learning primitives.
- 2 Students will be able to build the learning model.
- 3 Students will be able to learn the basic principles and techniques when designing a secure system.
- 4 Student will be able to tackle real world problems in the domain of Data Mining.
- 5 Student will be able to tackle real world problems in the domain of Information Retrieval.
- 6 Student will be able to tackle real world problems in the domain of Computer vision, Linguistics and Bioinformatics.


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		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-001	KAMBLE PRASHANT BHAURAO	17	50	18	85	71	AA	AA	13	AA	13	7
A-002	BADADE POOJA BHAGAWAN	19	48	19	86	72	43	41	12	20	116	58
A-003	BAGWAN AJIM KHADIR	21	46	19	86	72	38	36	15	33	122	61
A-004	BHOR VYANKATESH PRAMOD	20	53	19	92	77	AA	AA	13	32	45	23
A-005	BOTRE PRATIK BALASAHEB	18	26	18	62	52	39	35	14	43	131	66
A-006	BURADE SHREYASH RAJENDRA	17	44	19	80	67	43	42	19	37	141	71
A-007	CHAVAN OMKAR SUNIL	21	55	19	95	79	39	37	13	34	123	62
A-008	DAND DEEPALI JALINDAR	18	51	19	88	73	41	40	9	28	118	59
A-009	DEO CHINMAY MILIND	20	AB	19	39	33	40	38	16	37	131	66


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30	70	20	120	%	50	50	30	70	200	%		
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A-011	GANAPURE SUDARSHAN DNYANOBA	11	43	19	73	61	35	34	13	34	116	58
A-012	GANDHI SHUBHAM RAJEEV	AB	38	18	56	47	44	44	16	35	139	70
A-013	HADAP APURVA JAYANT	32	AB	19	51	43	44	44	18	36	142	71
A-014	HATTARGE VIKRAM VASANTRAO	10	44	20	74	62	AA	AA	09	10	19	10
A-015	HUDDAR GEETA ASHUTOSH	20	52	19	91	76	40	37	14	41	132	66
A-016	JAMBHALE RAVIJA DEVIDAS	28	34	18	80	67	35	33	08	16	92	46
A-017	JOSHI ABHISHEK SHRIKRISHNA	25	AB	19	44	37	37	34	10	39	120	60
A-018	KADAM GAURAV KRISHNRAO	11	AB	17	28	23	36	35	13	37	121	61
A-019	KARWA SAGAR KISHORE	23	43	19	85	71	41	40	20	43	144	72
A-020	KHADSAN GANESH SHANTARAM	22	44	20	86	72	40	38	12	37	127	64
A-021	KHANDARE DHANASHREE EKNATH	24	39	18	81	68	39	37	15	28	119	60
A-022	KULKARNI SHALVI SANDIP	12	42	19	73	61	43	44	14	29	130	65
A-023	KUTTE AISHIWARYA RAJENDRA	AB	38	19	57	48	38	36	16	41	131	66
A-024	MAHAJAN AISHWARYA SANTOSH	22	50	19	91	76	42	40	17	50	149	75
A-025	MAHANGADE ANIKET ANIL	22	27	19	68	57	42	41	18	39	140	70
A-026	MARANE SHRADDHA RAJENDRA	10	40	19	69	58	44	44	18	49	155	78
A-027	MORE ASHISH ANANT	21	38	19	78	65	33	15	12	11	71	36
A-028	MULUK OMKAR KISHOR	22	26	19	67	56	35	36	01	01	73	37
A-029	NIMGAONKAR SOHAM NITIN	19	50	18	87	73	36	30	13	32	111	56

Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR/PR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-030	PAKHALE ANIKET PRAMOD	28	50	19	97	81	44	43	20	19	126	63
A-031	PATHAK AISHWARYA PRAKASH	18	42	19	79	66	42	42	13	38	135	68
A-032	PATIL KISHOR LIMBRAJ	20	39	17	76	63	35	30	15	30	110	55
A-033	PATIL PRATIKSHA SHIVAJI	22	44	18	84	70	39	38	16	36	129	65
A-034	RADHIKA SINGH	AB	42	19	61	51	39	38	19	56	152	76
A-035	RAUT OMKAR RAJENDRA	16	25	18	59	49	38	37	08	19	102	51
A-036	ROHA RAINA	23	37	19	79	66	39	38	12	41	130	65
A-037	RUDRAWAR GAURAV OMPRAKASH	AB	38	18	56	47	39	37	12	31	119	60
A-038	SHAH SAURABH KUBER	23	48	19	90	75	34	27	08	28	97	49
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	23	AB	18	41	34	38	37	13	25	113	57
A-040	SHELKE JIVAN ASHOK	24	53	19	96	80	44	44	18	61	167	84
A-041	SHETTE ANUJA BHAGWANRAO	23	50	19	92	77	40	38	13	45	136	68
A-042	SINGH MANSI ASHISH	20	AB	19	39	33	41	37	15	47	140	70
A-043	SOLANKI ANKITA DEVENDRA	21	49	19	89	74	38	36	12	31	117	59
A-044	SONAWANE APURV VASANT	22	54	19	95	79	43	42	18	30	133	67
A-045	SUPEKAR VYANKATESH RAJAN	AB	52	19	71	59	38	40	20	45	143	72
A-046	SWAPNIL RASAL	22	24	19	65	54	35	34	14	36	119	60
A-047	TANAYA JADHAV	24	51	19	94	78	39	39	11	40	129	65
A-048	TEJASVI PANDEY	23	23	18	64	53	39	39	14	41	133	67
A-049	THOMBARE SNEHAL BIHIMAJI	20	AB	19	39	33	44	43	16	52	155	78


Roll No.	Name of Student	Direct Assessment										
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%					
		1 to 2	3 to 6	1 to 6	Total	Percentage	1 to 6				Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Term Work	OR/PR Exam.	Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained					
30	70	20	120	%	50	50	30	70	200	%		
A-050	VAHAGAONKAR SAMEER VILAS	22	43	19	84	70	35	32	12	44	123	62
A-051	VISHVAJIT BHASKARAO MANE	AB	38	19	57	48	40	38	13	41	132	66
<b>Total sum of CO Attainment %age</b>						<b>3119</b>						<b>3063</b>
<b>CO Attainment=</b> <b>[Total sum of CO Attainment %age / No. of Students] * 100</b>						<b>61.16</b>						<b>60.06</b>
<b>CO Attainment of the Course</b>						<b>36.70</b>						<b>24.02</b>
						<b>60.72</b>						
<b>Course Exit Survey</b>						<b>81.09</b>						
<b>Total CO Attainment of the Course</b>						<b>64.79</b>						

Date:

  
Subject Teacher  
BE Information Technology

  
I/c CO PO Mapping  
Information Technology

  
I/c Academic Coordinator  
Information Technology

  
H.O.D.  
Information Technology

HOD  
Department of Information Technology  
RMDSSOE, Warje, Pune - 411 058.

**Sinhgad Technical Education Society's**  
**RASIKLAL M. DHARIWAL SINHGAD TECHNICAL INSTITUTES CAMPUS**  
**RMD SINHGAD SCHOOL OF ENGINEERING, WARJE, PUNE -58.**

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/SEM-I/2017-18**

Name of Faculty Member:

Ms. Prachi Sorte

Name of Subject:

414456E: Elective-I: Cloud Computing

**Course Outcome:**

- 1 Understand and Familiar with the basic concepts of cloud computing.
- 2 Understand how to build large scale distributed systems and cloud applications.
- 3 Comprehend the importance of cloud security.
- 4 Understand Ubiquitous Computing and applications.
- 5 Understand and Cloud Platforms: Amazon EC2 and S3.
- 6 Understand to integrate security in cloud applications.

Roll No.	Name of Student	Direct Assessment								
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%			
		1 to 2	3 to 6	1 to 6	Total	Percentage			Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Insem Exam.	End Sem		
Marks Obtained					Marks Obtained					
30	70	20	120	%	30	70	100	%		
A-001	KAMBLE PRASHANT BHAURAO	22	50	19	91	76	16	AA	16	16
A-002	BADADE POOJA BHAGAWAN	21	48	19	88	73	17	28	45	45
A-003	BAGWAN AJIM KHADIR	23	26	19	68	57	23	35	58	58
A-004	BHOR VYANKATESH PRAMOD	25	50	19	94	78	15	44	59	59
A-005	BOTRE PRATIK BALASAHEB	22	55	18	95	79	20	44	64	64
A-006	BURADE SHREYASH RAJENDRA	24	54	19	97	81	21	41	62	62
A-007	CHAVAN OMKAR SUNIL	22	59	19	100	83	16	35	51	51
A-008	DAND DEEPALI JALINDAR	21	44	19	84	70	13	14	27	27
A-009	DEO CHINMAY MILIND	20	52	19	91	76	14	39	53	53

Roll No.	Name of Student	Direct Assessment								
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%			
		1 to 2	3 to 6	1 to 6	Total	Percentage	Insem Exam.	End Sem	Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]						
		Marks Obtained					Marks Obtained			
30	70	20	120	%	30	70	100	%		
A-010	DESHMUKH AKSHAY DEVENDRA	23	58	19	100	83	19	40	59	59
A-011	GANAPURE SUDARSHAN DNYANOBA	25	53	19	97	81	16	32	48	48
A-012	GANDHI SHUBHAM RAJEEV	AB	38	18	56	47	23	40	63	63
A-013	HADAP APURVA JAYANT	24	23	19	66	55	21	40	61	61
A-014	HATTARGE VIKRAM VASANTRAO	21	48	19	88	73	15	28	43	43
A-015	HUDDAR GEETA ASHUTOSH	22	51	20	93	78	17	41	58	58
A-016	JAMBHALE RAVIJA DEVIDAS	11	54	18	83	69	12	40	52	52
A-017	JOSHI ABHISHEK SHRIKRISHNA	23	AB	19	42	35	16	25	41	41
A-018	KADAM GAURAV KRISHNRAO	24	22	19	65	54	16	43	59	59
A-019	KARWA SAGAR KISHORE	25	54	19	98	82	23	38	61	61
A-020	KHADSAN GANESH SHANTARAM	23	53	20	96	80	22	42	64	64
A-021	KHANDARE DHANASHREE EKNATH	22	49	19	90	75	16	42	58	58
A-022	KULKARNI SHALVI SANDIP	23	52	20	95	79	22	36	58	58
A-023	KUTTE AISHWARYA RAJENDRA	AB	38	18	56	47	18	52	70	70
A-024	MAHAJAN AISHWARYA SANTOSH	24	52	20	96	80	24	44	68	68
A-025	MAHANGADE ANIKET ANIL	25	47	20	92	77	22	48	70	70
A-026	MARANE SHRADDHA RAJENDRA	AB	50	20	70	58	23	46	69	69
A-027	MORE ASHISH ANANT	10	52	18	80	67	17	13	30	30
A-028	MULUK OMKAR KISHOR	28	AB	19	47	39	08	13	21	21
A-029	NIMGAONKAR SOHAM NITIN	AB	40	18	58	48	12	32	44	44



Roll No.	Name of Student	Direct Assessment								
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%			
		1 to 2	3 to 6	1 to 6	Total	Percentage	Insem Exam.	End Sem	Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]						
		Marks Obtained					Marks Obtained			
30	70	20	120	%	30	70	100	%		
A-030	PAKHALE ANIKET PRAMOD	22	54	20	96	80	21	28	49	49
A-031	PATHAK AISHWARYA PRAKASH	24	55	20	99	83	20	22	42	42
A-032	PATIL KISHOR LIMBRAJ	21	AB	19	40	33	16	06	22	22
A-033	PATIL PRATIKSHA SHIVAJI	10	57	19	86	72	16	19	35	35
A-034	RADHIKA SINGH	AB	50	19	69	58	21	36	57	57
A-035	RAUT OMKAR RAJENDRA	20	51	20	91	76	13	33	46	46
A-036	ROHA RAINA	9	54	20	83	69	17	28	45	45
A-037	RUDRAWAR GAURAV OMPRAKASH	25	52	19	96	80	21	37	58	58
A-038	SHAH SAURABH KUBER	28	57	20	105	88	16	11	27	27
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	AB	50	19	69	58	14	22	36	36
A-040	SHELKE JIVAN ASHOK	21	AB	18	39	33	23	34	57	57
A-041	SHETTE ANUJA BHAGWANRAO	24	54	20	98	82	16	28	44	44
A-042	SINGH MANSI ASHISH	23	61	20	104	87	14	28	42	42
A-043	SOLANKI ANKITA DEVENDRA	AB	50	20	70	58	18	41	59	59
A-044	SONAWANE APURV VASANT	21	AB	17	38	32	19	23	42	42
A-045	SUPEKAR VYANKATESH RAJAN	23	60	20	103	86	22	40	62	62
A-046	SWAPNIL RASAL	22	AB	18	40	33	20	38	58	58
A-047	TANAYA JADHAV	23	61	20	104	87	16	45	61	61
A-048	TEJASVI PANDEY	26	62	20	108	90	17	36	53	53
A-049	THOMBARE SNEHAL BHIMAJI	28	57	19	104	87	18	42	60	60

Roll No.	Name of Student	Direct Assessment								
		Internal Assessment [Co's] 60%				External Assessment [Co's] 40%				
		1 to 2	3 to 6	1 to 6	Total	Percentage	Insem Exam.	End Sem	Total	Percentage
		UT-1 [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]						
		Marks Obtained				Marks Obtained				
30	70	20	120	%	30	70	100	%		
A-050	VAHAGAONKAR SAMEER VILAS	AB	40	18	58	48	18	33	51	51
A-051	VISHVAJIT BHASKARAO MANE	24	54	19	97	81	17	06	23	23
<b>Total sum of CO Attainment %age</b>						<b>3478</b>				<b>2561</b>
<b>CO Attainment=</b> <b>[Total sum of CO Attainment %age / No. of Students] * 100</b>						<b>68.19</b>				<b>50.22</b>
<b>CO Attainment of the Course</b>						<b>40.91</b>				<b>20.09</b>
						<b>61.00</b>				
<b>Course Exit Survey</b>						<b>82.20</b>				
<b>Total CO Attainment of the Course</b>						<b>65.24</b>				

Date:

*Prachi Sate*

Subject Teacher  
BE Information Technology

*Jant*

I/c CO PO Mapping  
Information Technology

*SC*

I/c Academic  
Coordinator  
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*Shale*

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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/SEM-I/2017-18**

Name of Faculty Member:

Mrs. Sweta Kale

Name of Subject:

Elective-II: 414457A: Business Intelligence

**Course Outcome:**

- 1 Design and implement OLTP, OLAP and Warehouse concepts.
- 2 Design and develop Data Warehouse using Various Schemas & Dimensional modelling.
- 3 Use the ETL concepts, tools and techniques to perform Extraction, Transformation, and Loading of data.
- 4 Report the usable data by using various reporting concepts, techniques/tools, and use charts, tables for reporting in BI.
- 5 Use Analytics concepts like data mining, Exploratory and statistical techniques for predictive analysis in Business Intelligence.
- 6 Demonstrate application of concepts in BI.


Roll No.	Name of Student	Direct Assessment									
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%				
		1 to 2	3 to 6	1 to 6	Total	Percentage	Insem Exam.	End Sem	Total	Percentage	
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]							
		Marks Obtained					Marks Obtained				
30	70	20	120	%	30	70	100	%			
A-001	KAMBLE PRASHANT BHAURAO	23	54	19	96	80	06	AA	6	6	
A-002	BADADE POOJA BHAGAWAN	25	59	19	103	86	07	35	42	42	
A-003	BAGWAN AJIM KHADIR	25	54	18	97	81	13	40	53	53	
A-004	BHOR VYANKATESH PRAMOD	22	52	20	94	78	14	34	48	48	
A-005	BOTRE PRATIK BALASAHEB	23	58	19	100	83	12	37	49	49	
A-006	BURADE SHREYASH RAJENDRA	21	53	20	94	78	07	35	42	42	
A-007	CHAVAN OMKAR SUNIL	27	AB	19	46	38	08	38	46	46	
A-008	DAND DEEPALI JALINDAR	27	53	20	100	83	12	31	43	43	
A-009	DEO CHINMAY MILIND	AB	48	20	68	57	12	35	47	47	

Roll No.	Name of Student	Direct Assessment									
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%				
		1 to 2	3 to 6	1 to 6	Total	Percentage			Total	Percentage	
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Insem Exam.	End Sem			
		Marks Obtained					Marks Obtained				
30	70	20	120	%	30	70	100	%			
A-010	DESHMUKH AKSHAY DEVENDRA	23	26	18	67	56	10	37	47	47	
A-011	GANAPURE SUDARSHAN DNYANOBA	22	60	19	101	84	08	31	39	39	
A-012	GANDHI SHUBHAM RAJEEV	25	52	20	97	81	14	34	48	48	
A-013	HADAP APURVA JAYANT	25	AB	17	42	35	14	45	59	59	
A-014	HATTARGE VIKRAM VASANTRAO	11	40	18	69	58	07	19	26	26	
A-015	HUDDAR GEETA ASHUTOSH	AB	54	19	73	61	10	45	55	55	
A-016	JAMBHALE RAVIJA DEVIDAS	23	55	20	98	82	13	39	52	52	
A-017	JOSHI ABHISHEK SHRIKRISHNA	25	60	20	105	88	07	34	41	41	
A-018	KADAM GAURAV KRISHNRAO	24	57	20	101	84	11	36	47	47	
A-019	KARWA SAGAR KISHORE	AB	40	19	59	49	11	41	52	52	
A-020	KHADSAN GANESH SHANTARAM	26	24	19	69	58	09	38	47	47	
A-021	KHANDARE DHANASHREE EKNATH	24	64	20	108	90	13	32	45	45	
A-022	KULKARNI SHALVI SANDIP	25	62	20	107	89	10	41	51	51	
A-023	KUTTE AISHWARYA RAJENDRA	AB	60	20	80	67	13	39	52	52	
A-024	MAHAJAN AISHWARYA SANTOSH	23	61	19	103	86	13	40	53	53	
A-025	MAHANGADE ANIKET ANIL	18	AB	18	36	30	12	41	53	53	
A-026	MARANE SHRADDHA RAJENDRA	AB	54	18	72	60	10	39	49	49	
A-027	MORE ASHISH ANANT	23	61	20	104	87	12	38	50	50	
A-028	MULUK OMKAR KISHOR	22	25	20	67	56	02	12	14	14	
A-029	NIMGAONKAR SOHAM NITIN	25	AB	20	45	38	10	33	43	43	

Roll No.	Name of Student	Direct Assessment									
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%				
		1 to 2	3 to 6	1 to 6	Total	Percentage			Total	Percentage	
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Insem Exam.	End Sem			
		Marks Obtained					Marks Obtained				
		30	70	20	120	%	30	70	100	%	
A-030	PAKHALE ANIKET PRAMOD	25	60	20	105	88	18	41	59	59	
A-031	PATHAK AISHWARYA PRAKASH	23	AB	19	42	35	12	42	54	54	
A-032	PATIL KISHOR LIMBRAJ	26	63	19	108	90	6	35	41	41	
A-033	PATIL PRATIKSHA SHIVAJI	11	53	20	84	70	11	36	47	47	
A-034	RADHIKA SINGH	24	59	20	103	86	11	48	59	59	
A-035	RAUT OMKAR RAJENDRA	25	52	20	97	81	03	53	56	56	
A-036	ROHA RAINA	21	58	20	99	83	09	33	42	42	
A-037	RUDRAWAR GAURAV OMPRAKASH	23	52	20	95	79	11	42	53	53	
A-038	SHAH SAURABH KUBER	24	57	19	100	83	05	30	35	35	
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	26	56	19	101	84	13	35	48	48	
A-040	SHELKE JIVAN ASHOK	27	50	19	96	80	11	52	63	63	
A-041	SHETTE ANUJA BHAGWANRAO	23	53	19	95	79	08	42	50	50	
A-042	SINGH MANSI ASHISH	24	54	20	98	82	10	47	57	57	
A-043	SOLANKI ANKITA DEVENDRA	27	59	20	106	88	10	40	50	50	
A-044	SONAWANE APURV VASANT	10	44	19	73	61	10	41	51	51	
A-045	SUPEKAR VYANKATESH RAJAN	23	44	19	86	72	10	51	61	61	
A-046	SWAPNIL RASAL	25	53	20	98	82	11	36	47	47	
A-047	TANAYA JADHAV	23	49	19	91	76	13	42	55	55	
A-048	TEJASVI PANDEY	25	52	20	97	81	10	44	54	54	
A-049	THOMBARE SNEHAL BHIMAJI	23	38	18	79	66	16	52	68	68	

Roll No.	Name of Student	Direct Assessment								
		Internal Assessment [Co's] 60%					External Assessment [Co's] 40%			
		1 to 2	3 to 6	1 to 6	Total	Percentage			Total	Percentage
		UT-I [Unit-01 to 02]	Prelim Exam [Unit-03 to 06]	Assignment [Unit No-01 to 06]			Insem Exam.	End Sem		
		Marks Obtained					Marks Obtained			
30	70	20	120	%	30	70	100	%		
A-050	VAHAGAONKAR SAMEER VILAS	11	58	20	89	74	08	40	48	48
A-051	VISHVAJIT BHASKARAO MANE	AB	47	19	66	55	05	39	44	44
<b>Total sum of CO Attainment %age</b>						<b>3674</b>				<b>2441</b>
<b>CO Attainment=</b> <b>[Total sum of CO Attainment %age / No. of Students] * 100</b>						<b>72.04</b>				<b>47.86</b>
<b>CO Attainment of the Course</b>						<b>43.23</b>				<b>19.15</b>
						<b>62.37</b>				
<b>Course Exit Survey</b>						<b>81.35</b>				
<b>Total CO Attainment of the Course</b>						<b>66.17</b>				

Date:

  
Subject Teacher  
BE Information Technology

  
I/c CO PO Mapping  
Information Technology

  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CO ATTAINMENT SHEET**  
**BE/ SEM-I/2017-18**

Name of Faculty Member:

Ms. Snehal Nargundi

Name of Subject:

414460 : Project Phase  
- I

**Course Outcome:**

- 1 The practical implementation of theoretical knowledge gained during the study from FE to TE.
- 2 The student should be able implement their ideas/real time industrial problem/ current application of their engineering branch which they have studied in curriculum.
- 3 To build confidence in the student what he has learnt theoretically.
- 4 The dependent study of the state of the art topics in a broad area of his/her specialization.
- 5 The student should be able to show preparedness to study independently in chosen domain of Information Technology and programming languages.
- 6 The student should be able to apply to variety of real time problem scenarios.


Roll No.	Name of Student	Direct Assessment						
		Internal Assessment [Co's] 60%				External Assessment [Co's] 40%		
		1 to 2	3 to 4	Total	Percentage	1 to 6	Total	Percentage
		Review-1	Review -2			Term Work		
		Marks Obtained				Marks Obtained		
25	25	50	%	50	50	%		
A-001	KAMBLE PRASHANT BHAURAO	23	22	45	90	45	45	90
A-002	BADADE POOJA BHAGAWAN	21	20	41	82	41	41	82
A-003	BAGWAN AJIM KHADIR	15	19	34	68	34	34	68
A-004	BHOR VYANKATESH PRAMOD	20	20	40	80	40	40	80
A-005	BOTRE PRATIK BALASAHEB	22	23	45	90	45	45	90
A-006	BURADE SHREYASH RAJENDRA	20	20	40	80	40	40	80
A-007	CHAVAN OMKAR SUNIL	21	22	43	86	43	43	86
A-008	DAND DEEPALI JALINDAR	22	20	42	84	42	42	84
A-009	DEO CHINMAY MILIND	23	21	44	88	41	41	82
A-010	DESHMUKH AKSHAY DEVENDRA	22	18	40	80	40	40	80
A-011	GANAPURE SUDARSHAN DNYANOBA	23	20	43	86	43	43	86
A-012	GANDHI SHUBHAM RAJEEV	22	23	45	90	45	45	90

Roll No.	Name of Student	Direct Assessment						
		Internal Assessment [Co's] 60%				External Assessment [Co's] 40%		
		1 to 2	3 to 4	Total	Percentage	1 to 6	Total	Percentage
		Review-1	Review -2			Term Work		
		Marks Obtained				Marks Obtained		
25	25	50	%	50	50	%		
A-013	HADAP APURVA JAYANT	17	17	34	68	34	34	68
A-014	HATTARGE VIKRAM VASANTRAO	17	19	36	72	36	36	72
A-015	HUDDAR GEETA ASHUTOSH	16	18	34	68	34	34	68
A-016	JAMBHALE RAVIJA DEVIDAS	16	19	35	70	35	35	70
A-017	JOSHI ABHISHEK SHRIKRISHNA	20	22	42	84	42	42	84
A-018	KADAM GAURAV KRISHNRAO	22	18	40	80	40	40	80
A-019	KARWA SAGAR KISHORE	21	20	41	82	41	41	82
A-020	KHADSAN GANESH SHANTARAM	23	20	43	86	43	43	86
A-021	KHANDARE DHANASHREE EKNATH	21	17	38	76	38	38	76
A-022	KULKARNI SHALVI SANDIP	23	22	45	90	45	45	90
A-023	KUTTE AISHWARYA RAJENDRA	19	19	38	76	38	38	76
A-024	MAHAJAN AISHWARYA SANTOSH	22	20	42	84	42	42	84
A-025	MAHANGADE ANIKET ANIL	20	22	42	84	42	42	84
A-026	MARANE SHRADDHA RAJENDRA	21	22	43	86	43	43	86
A-027	MORE ASHISH ANANT	19	20	39	78	39	39	78
A-028	MULUK OMKAR KISHOR	20	19	39	78	39	39	78
A-029	NIMGAONKAR SOHAM NITIN	20	20	40	80	40	40	80
A-030	PAKHALE ANIKET PRAMOD	22	20	42	84	42	42	84
A-031	PATHAK AISHWARYA PRAKASH	20	22	42	84	42	42	84
A-032	PATIL KISHOR LIMBRAJ	21	21	42	84	42	42	84
A-033	PATIL PRATIKSHA SHIVAJI	20	20	40	80	40	40	80
A-034	RADHIKA SINGH	21	21	42	84	42	42	84
A-035	RAUT OMKAR RAJENDRA	20	20	40	80	40	40	80
A-036	ROHA RAINA	20	22	42	84	42	42	84





Roll No.	Name of Student	Direct Assessment						
		Internal Assessment [Co's] 60%				External Assessment [Co's] 40%		
		1 to 2	3 to 4	Total	Percentage	1 to 6	Total	Percentage
		Review-1	Review -2			Term Work		
		Marks Obtained				Marks Obtained		
25	25	50	%	50	50	%		
A-037	RUDRAWAR GAURAV OMPRAKASH	22	22	44	88	44	44	88
A-038	SHAH SAURABH KUBER	16	16	32	64	32	32	64
A-039	SHAIKH ZEENAT GULAMMOHAMMAD	23	20	43	86	43	43	86
A-040	SHELKE JIVAN ASHOK	22	20	42	84	42	42	84
A-041	SHETTE ANUJA BHAGWANRAO	20	21	41	82	41	41	82
A-042	SINGH MANSI ASHISH	19	22	41	82	41	41	82
A-043	SOLANKI ANKITA DEVENDRA	20	22	42	84	42	42	84
A-044	SONAWANE APURV VASANT	23	22	45	90	45	45	90
A-045	SUPEKAR VYANKATESH RAJAN	21	22	43	86	43	43	86
A-046	SWAPNIL RASAL	17	20	37	74	37	37	74
A-047	TANAYA JADHAV	22	22	44	88	44	44	88
A-048	TEJASVI PANDEY	22	20	42	84	42	42	84
A-049	THOMBARE SNEHAL BHIMAJI	23	23	46	92	46	46	92
A-050	VAHAGAONKAR SAMEER VILAS	15	16	31	62	31	31	62
A-051	VISHVAJIT BHASKARAO MANE	19	22	41	82	41	41	82
<b>Total sum of CO Attainment %age</b>					<b>4154</b>			<b>4148</b>
<b>CO Attainment=</b> <b>[Total sum of CO Attainment %age / No. of Students] * 100</b>					<b>81.45</b>			<b>81.33</b>
<b>CO Attainment of the Course</b>					<b>48.87</b>			<b>32.53</b>
					<b>81.40</b>			
<b>Course Exit Survey</b>					<b>84.50</b>			
<b>Total CO Attainment of the Course</b>					<b>82.02</b>			

Date:

  
Subject Teacher  
BE Information Technology

  
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I/c Academic  
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# **Course Exit Survey**

**Final Year Engineering Students Given Course Exit Survey For Each Course of Semester I  
Summary Of Course Exit Survey Is As Follows.**

**Course Exit Survey Summary Sheet of Subject: 414453: Information and Cyber Security**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No.of Students rated '5'	%age of Students	No.of Students rated '4'	%age of Students	No.of Students rated '3'	%age of Students	No.of Students rated '2'	%age of Students	No.of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey						47					
1	Students shall be able to understand what are the common threats faced today	17	36	16	34	13	28	0	0	1	2	80	3
2	What is the foundational theory behind information security	18	38	14	30	14	30	1	2	0	0	81	3
3	What are the basic principles and techniques when designing a secure system	17	36	16	34	12	26	1	2	1	2	80	3
4	How today's attacks and defenses work in practice	15	32	13	28	16	34	1	2	2	4	76	3
5	How to assess threats for their significance and	19	40	15	32	10	21	2	4	1	2	81	3
6	How to gauge the protections and limitations provided by today's technology	20	43	14	30	12	26	1	2	0	0	83	3
<b>Total sum of average % age of course exit survey</b>												<b>481</b>	
<b>Total of average % age of course exit survey for each CO</b>												<b>80.14</b>	

*Mujgond*  
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**Course Exit Survey Summary Sheet of Subject: 414454: Software Modelling and Design**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No. of Students rated '5'	%age of Students	No. of Students rated '4'	%age of Students	No. of Students rated '3'	%age of Students	No. of Students rated '2'	%age of Students	No. of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey					45						
1	Understand the usage of various UML diagrams to build a model	19	42	13	29	12	27	0	0	1	2	82	3
2	Prepare an object oriented model in business domain of an application.	20	44	14	31	10	22	1	2	0	0	84	3
3	Prepare an object oriented model in solution domain.	18	40	12	27	13	29	1	2	1	2	80	3
4	Apply object oriented principles in the design of software system.	22	49	11	24	9	20	1	2	2	4	82	3
5	Get started on study of GOF design patterns.	21	47	10	22	11	24	2	4	1	2	81	3
6	Understand different types of software testing.	20	44	13	29	11	24	1	2	0	0	83	3
Total sum of average % age of course exit survey											492		
Total of average % age of course exit survey for each CO											82.00		

  
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**Course Exit Survey Summary Sheet of Subject: 414455: Machine Learning**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No. of Students rated '5'	%age of Students	No. of Students rated '4'	%age of Students	No. of Students rated '3'	%age of Students	No. of Students rated '2'	%age of Students	No. of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey					46						
1	Students will be able to model the learning primitives.	18	39	12	26	14	30	0	0	2	4	79	3
2	Students will be able to build the learning model.	20	43	13	28	12	26	1	2	0	0	83	3
3	Student will be able to tackle real world problems in the domain of Data Mining, Information Retrieval, Computer vision, Linguistics and Bioinformatics.	19	41	15	33	10	22	1	2	1	2	82	3
4	Students should able to understand clustering-K means Algorithm, ranking and Probability estimation Trees.	17	37	13	28	13	28	1	2	2	4	78	3
5	Understand the Geometric Interpretations, Naïve Bayes Classifier.	21	46	10	22	12	26	2	4	1	2	81	3
6	Understand Data Streams and Active Learning, Deep Learning.	22	48	12	26	11	24	1	2	0	0	84	3
Total sum of average % age of course exit survey											487		
Total of average % age of course exit survey for each CO											81.09		

  
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**Course Exit Survey Summary Sheet of Subject: 414456: Elective – I (414456E : Cloud Computing)**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No.of Students rated '5'	%age of Students	No.of Students rated '4'	%age of Students	No.of Students rated '3'	%age of Students	No.of Students rated '2'	%age of Students	No.of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey						44					
1	Understand and Familiar with the basic concepts of cloud computing.	19	43	14	32	10	23	0	0	1	2	83	3
2	Understand how to build large scale distributed systems and cloud applications.	20	45	12	27	10	23	2	5	0	0	83	3
3	Comprehend the importance of cloud security.	19	43	11	25	12	27	1	2	1	2	81	3
4	Understand Ubiquitous Computing and applications.	18	41	12	27	11	25	1	2	2	5	80	3
5	Students should able to understand Cloud Platforms: Amazon EC2 and S3.	20	45	13	30	8	18	2	5	1	2	82	3
6	Understand to integrate security in cloud applications.	22	50	12	27	9	20	1	2	0	0	85	3
Total sum of average % age of course exit survey											493		
Total of average % age of course exit survey for each CO											82.20		

*Ruchi Gante*  
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**Course Exit Survey Summary Sheet of Subject: 414457: Elective – II (414457 A : Business Intelligence)**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No. of Students rated '5'	%age of Students	No. of Students rated '4'	%age of Students	No. of Students rated '3'	%age of Students	No. of Students rated '2'	%age of Students	No. of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey					42						
1	Design and implement OLTP, OLAP and Warehouse concepts.	18	43	14	33	9	21	0	0	1	2	83	3
2	Design and develop Data Warehouse using Various Schemas & Dimensional modelling.	16	38	12	29	12	29	2	5	0	0	80	3
3	Use the ETL concepts, tools and techniques to perform Extraction, Transformation, and Loading of data.	19	45	13	31	8	19	1	2	1	2	83	3
4	Report the usable data by using various reporting concepts, techniques/tools, and use charts, tables for reporting in BI.	17	40	11	26	11	26	1	2	2	5	79	3
5	Use Analytics concepts like data mining, Exploratory and statistical techniques for predictive analysis in Business Intelligence.	17	40	12	29	10	24	2	5	1	2	80	3
6	Demonstrate application of concepts in BI.	18	43	14	33	9	21	1	2	0	0	83	3
Total sum of average % age of course exit survey											488		
Total of average % age of course exit survey for each CO											81.35		

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**Course Exit Survey Summary Sheet of Subject: 414460 : Project Phase - I**

CO Question No.	Course Outcome Question	Rating %age										Average % age	CO Question Attainment
		No. of Students rated '5'	%age of Students	No. of Students rated '4'	%age of Students	No. of Students rated '3'	%age of Students	No. of Students rated '2'	%age of Students	No. of Students rated '1'	%age of Students		
		Total No. of students Course Exit Survey						43					
1	The practical implementation of theoretical knowledge gained during the study from FE to TE.	21	49	13	30	9	21	0	0	1	2	86	3
2	The student should be able to implement their ideas/real time industrial problem/ current application of their engineering branch which they have studied in curriculum.	20	47	12	28	10	23	1	2	0	0	84	3
3	To build confidence in the student what he has learnt theoretically.	22	51	13	30	8	19	0	0	1	2	87	3
4	The dependent study of the state of the art topics in a broad area of his/her specialization.	19	44	11	26	12	28	1	2	2	5	83	3
5	The student should be able to show preparedness to study independently in chosen domain of Information Technology and programming languages.	17	40	14	33	10	23	2	5	1	2	82	3
6	The student should be able to apply to variety of real time problem scenarios.	20	47	15	35	7	16	1	2	0	0	85	3
Total sum of average % age of course exit survey											507		
Total of average % age of course exit survey for each CO											84.50		

  
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