Lecture Planning Sheet

Year: - 2017-18   Semester: - I

Class: - S.E.   Subject: - Discrete Mathematics

Name of Staff: - M. B. Wagh   Lect. / week: - 04

Lect. No.			Topic and its content planned	Planned Date	Conducted Date
1	UNIT I	Set Theory and Logic	Discrete Mathematics, Significance of Discrete Mathematics in Computer Engineering, Types of Mathematics 1. Continuous 2. Discrete	19/06/2017	21|06|2017
2			**Sets–** Naïve Set Theory (Cantorian Set Theory), Axiomatic Set Theory, Need for Sets, Representation of Sets,	20/06/2017	26|06|2017
3			**Types of Sets** – Countable and Uncountable Sets, Finite and Infinite Sets, Countably Infinite and Uncountably Infinite Sets.	21/06/2017	29|06|2017
4			Set Operations, cardinality of set, principle of inclusion and exclusion	22/06/2017	3|7|2017
5			Introduction to bounded and unbounded sets and multiset. Countability of Rational Numbers Using Cantor Diagonalization Argument, power set.	27/06/2017	4|7|2017
6			**Propositional Logic-** logic, Propositional Equivalences, Application of Propositional Logic-Translating English Sentences	28/06/2017	4|7|2017
7			Proof by Mathematical Induction	29/06/2017	5|07|2017
8			Examples on Mathematical Induction	03/07/2017	7|7|2017
9	UNIT II	Relations and Functions	Relations and Their Properties	04/07/2017	7|7|2017
10			n-ary Relations and Their Applications	05/07/2017	10|07|2017
11			Representing Relations , Closures of Relations,	06/07/2017	11|07|2017
12			Equivalence Relations, Partial Orderings, partitions	10/07/2017	17|07|2017
13			Hasse Diagram, Lattices, Chains and Anti-Chains,	11/07/2017	18|07|2017
14			Transitive Closure and Warshall's Algorithm	12/07/2017	20|07|2017
15			**Functions-** Surjective, Injective and Bijective functions, Inverse Functions	13/07/2017	24|07|2017
16			Compositions of Functions, Pigeonhole Principle	17/07/2017	25|07|2017

Lect. No.			Topic and its content planned	Planned Date	Conducted Date
17			The Basics of Counting, rule of Sum and Product	18/07/2017	27/07/2017
18			Permutations, Examples on Permutations	19/07/2017	28/07/2017
19			Combinations, Examples on Combinations	20/07/2017	31/07/2017
20	UNIT III	Counting	Binomial Coefficients and Identities	25/07/2017	02/08/2017
21			Generalized Permutations and Combinations	27/07/2017	4/08/2017
22			Algorithms for generating Permutations and Combinations	01/08/2017	8/08/2017
23			Examples on the Algorithms for generating Permutations and Combinations	02/08/2017	08/08/2017
24			Graphs and Graph Models, Graph Terminology	03/08/2017	09/08/2017
25			Special Types of Graphs, Representing Graphs	08/08/2017	10/08/2017
26			Graph Isomorphism, Connectivity	09/08/2017	14/08/2017
27	UNIT IV	Graph Theory	Euler and Hamilton Paths, Euler and Hamiltonian Graph and their examples	10/08/2017	16/08/2017
28			Single source shortest path- Dijkstra's Algorithm	21/08/2017	17/08/2017
29			Examples on Single source shortest path- Dijkstra's Algorithm.	22/08/2017	21/08/2017
30			Planar Graphs, Graph Colouring	23/08/2017	22/08/2017
31			Introduction of the Concept of Trees	24/08/2017	23/08/2017
32			Properties of trees, Binary search tree	28/08/2017	28/08/2017
33			Examples on Binary search tree	29/08/2017	29/08/2017
34			Decision tree, prefix codes and Huffman coding	30/08/2017	04/09/2017
35	UNIT V	Trees	Spanning Trees and Minimum Spanning Tree	07/09/2017	06/09/2017
36			Kruskal's Minimum Spanning Tree Algorithm	11/09/2017	7/09/2017
37			Prim's Minimum Spanning Tree Algorithm	12/09/2017	11/09/2017
38			Examples on Kruskal's and Prim's Algorithm	13/09/2017	12/09/2017
39			The Max flow- Min Cut Theorem (Transport network).	18/09/2017	12/09/2017

Lect. No.		Topic and its content planned	Planned Date	Conducted Date
40		The structure of algebra, Algebraic Systems	19/09/2017	18/09/2017
41		Semi Groups, Monoids, Groups, Homomorphism	20/09/2017	20/09/2017
42		Normal Subgroups, and congruence relations	25/09/2017	21/09/2017
43		Rings, Different types of Rings and Examples	26/09/2017	3/10/2017
44	UNIT VI — Algebraic Structures and Coding Theory	Integral Domains and Fields	27/09/2017	3/10/2017
45		Coding theory and Discussion on Coding Theory	28/09/2017	4/10/2017
46		Polynomial Rings and polynomial Codes	03/10/2017	4/10/2017
47		Case Study- Brief introduction to Galois Theory –Field Theory and Group Theory	04/10/2017	5/10/2017
48		Discussion on University Exam Pattern and Preparation	04/10/2017	06/10/2017

Prof. M. B. Wagh

Subject Teacher

Head

Department of Computer Engineering

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

DEPARTMENT OF COMPUTER ENGINEERING
Practical Planning Sheet

Class- BE

Subject- Computer Lab-II

Academic Year- 2017-18

Semester-I

Sr. No.	Title of the Experiment	Proposed Date	Conducted Date
1	Implementation of any two uninformed search methods with some applications	11/7/17	11/7/17
2	A program to perform profile translation based proactive adaptation using context management in smart phones.	18/7/17	18/7/17
3	Implement A* approach for any suitable application.	27/7/17	27/7/17
4.	Implementation of unification algorithm.	17/8/17	17/8/17
5	Implementation of Naive Bay's algorithm .	22/8/17	29/8/17
6	Use pervasive computing algorithm to develop a web application using Java/Python/Scala.	29/8/17	29/8/17
7	Write a program to build smart mobile app for context management.	31/8/17	31/8/17
8	Write a program to build smart mobile app for user profile.	11/9/17	14/9/17
9	Implementation of MinMax approach for TicTacToe game.	14/9/17	19/9/17
10	Developing a book recommender expert system.	19/9/17	21/9/17
11	Implement K-means for clustering data of children belonging to different age groups to perform some specific activities.	21/9/17	25/9/17
12	In a rolling display program of new display on smart TV or computer display the input strings supplied by mobile phone. Develop necessary app using Java/C++.	25/9/17	3/10/17
13	Write a program to smart watch App development with Tizen SDK.	26/9/17	3/10/17

Ms. Yadav G. B.

Subject Incharge

Prof. Wagh M.B.

Head of Department
Dept. of Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

A.Y. (2017-18)

DEPARTMENT OF E & TC ENGINEERING

SUBJECT: POWER ELECTRONICS (304186)

CLASS: TE (E&TC)   **SEM:II**

COURSE OBJECTIVES:

To understand various devices used to implement logical operations.

1. To introduce students to different power devices to study their construction, characteristics and turning on circuits.

2. To give an exposure to students of working & analysis of controlled rectifiers for different loads, inverters, DC choppers, AC voltage controllers and resonant converters.

3. To study the different motor drives, various power electronics applications like UPS, SMPS, etc. and some protection circuits.

COURSE OUTCOMES:

On completion of the course, student will be able to

1. Design & implement a triggering / gate drive circuit for a power device

2. Understand, perform & analyze different controlled converters.

3. Evaluate battery backup time & design a battery charger.

4. Design & implement over voltage / over current protection circuit.

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Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

DEPARTMENT OF E & TC ENGINEERING

Year: TE

Course Title: POWER ELECTRONICS (304186)

Course Outcomes (CO):

Course outcome (CO)	Statement
CO1	Design & implement a triggering / gate drive circuit for a power device
CO2	Understand, perform & analyze different controlled converters.
CO3	Evaluate battery backup time & design a battery charger.
CO4	Design & implement over voltage / over current protection circuit.

Establish the correlation between the Courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs)

C0	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	Po9	PO10	PO11	PO12
CO1	1	2	-	-	-	-	-	-	-	-	-	-
CO2	1	2	-	-	1	-	-	-	-	-	-	1
CO3	1	2	2	1	1	-	-	-	-	-	-	1
CO4	1	2	2	-	-	-	-	-	-	-	-	1

Note:

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High), *It there is no correlation, put "-"*

Justification for mapping CO to corresponding PO:

| Course Outcome	Mapped PO	Justification
CO1	PO1	A graduate will apply fundamental knowledge of triggering /gate drive circuit to design electronic circuits and systems
CO2	PO2	A graduate will apply knowledge to perform & analyze different controlled converters to design electronic circuits and systems
	PO3	A graduate will apply knowledge to perform & analyze different controlled converters to demonstrate the ability to design, implement and evaluate a system
	PO4	A graduate student will investigate, formulate, analyze and provide appropriate solution to simple engg problem by having knowledge of applications of controlled converters

	PO5	By simulating different applications of controlled converters using Powers software , graduate student will provide solutions by using the Modern Engineering Tools	
	PO12	By having knowledge of different applications of power devices a graduate will explore it through lifelong learning	
CO3	PO1	A graduate will apply fundamental knowledge of power devices such as semi converter, full converter etc to design electronic circuits and systems.	
	PO3	A graduate will apply knowledge of different convertors to demonstrate the ability to design, implement and evaluate a system.	
	PO5	By simulating different convertors using power devices using Powers software, graduate student will provide solutions by using the Modern Engineering Tools	
	PO12	By having knowledge of different convertors using power devices a graduate will explore it through lifelong learning	
CO4	PO1	A graduate will apply fundamental knowledge of power devices to design electronic circuits and systems	
	PO12	By having knowledge of UPS, SMPS ,protection circuit a graduate will explore it through lifelong learning	

Justification for mapping CO to corresponding PSO

Course Outcome (CO)	Mapped PSO	Justification
CO1	PSO1	Different applications used fundamental concepts of power devices.
CO2	PSO1	Designing of various applications of power devices can be used in telecommunication based system.
	PSO2	Applications of power devices can be used in real time power systems.
CO3	PSO1	Different convertors using power devices can be used in telecommunication based system.
	PSO2	Converter using power device can be used in real time power systems.
CO4	PSO1	Design of driver Circuit can be used in Electronics system.

Date: 15|12|2017
Signature:

Prof.S.B.Kadam
Course coordinator

Prof.T.M.Dudhane
HOD

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Dhangawadi, Pune-412206

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Shri Chhatrapati shivajiraje college of Engineering
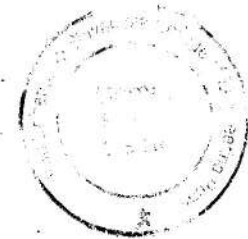### Department of Computer Engineering

Class SE

Sem II

Subject-Principles of Prograaming Languages

Subject code-:210254

A.Y:-2017-2018

COs	Statement of CO	POs satisfied
CO1	To analyze the strengths and weaknesses of programming languages for effective and efficient program development	PO2,PO5,PO12
CO2	To inculcate the principles underlying the programming languages enabling to learn new programming languages	PO3, PO5, PO12
CO3	To grasp different programming paradigms	PO5,PO12
CO4	To use the programming paradigms effectively in application development	PO5,PO12
CO5	To study Basics of Java Programming Language	PO5
CO6	To sunderstand C++ Language	PO5

Attainment Range for CO and PO	
1	60% upto 69 % student scoring more than target value
2	70% upto 79%student scoring more than target value
3	80% or more student scoring

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Department of Computer Engineering

CO PO Atainment

A.Y:-2017-2018

Class SE   Subject Principles of Prograaming Languages
Sem II   Subject code   **210254**

CO ATTAINMENT

		COs	I	II	III	IV	V	VI
		Assessment Tools						
1	Internal Assessment	Assignment I	3	3	3	0	0	0
2		Assignment II	0	0	0	2	2	2
4		End-Term Exan	2	2	2	2	1	1
	Total Internal		2.5	2.5	2.5	2	2	2
4	External Assessm	ONLINE Exam	1	1	1	1	1	1
5		End Sem Exam	1	1	1	1	1	1
	Total External		1	1	1	1	1	1
	Final CO Attainment		1.45	1.45	1.45	1.3	1.2	1.2

CO Attainment = 0.7*(Summation of CO attaiment thr' EXTL. Assessment tools) + 0.3*(Summation of CO attaiment thr' INTL. Assessment tools)

CO Attainment = 0.7*(Summation of CO attaiment thr' EXTL. Assessment tools) + 0.3*(Summation of CO attaiment thr' INTL. Assessment tools)

PO ATTAINMENT

POs	CO I	CO II	CO III	CO IV	CO V	CO VI	Average
a							
b	1.45						1.45
c		1.45					1.45
d							
e	1.45	1.45	1.45	1.3	1.2	1.2	1.34167
f							
g							
h							
i							
j							
k							
l	1.45	1.45	1.45	1.3			1.4125

Note: 1).70 % weitage is given to exaternal assessment tools and 30 % weitage is given to internal assessment tools; 2). Internal and external tools may vary as per the course
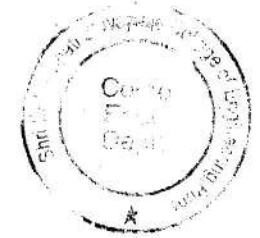
Prof S.A. Bhuskute

Rajgad Dnyan eth's

Shri Chhatrapati shivajiraje college of Engineering
Department of Computer Engineering

Class SE   Subject Principles of Prograaming Languages
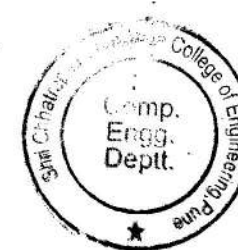Sem II   Subject code:- 210254

A.Y:-2017-2018

	Calculation for CO and PO attainment for all students						
	ASSIGNMENT NO.: 1 (Three Units I, II & III)				**Assoigenment no.2(Unit IV, V,**		
Roll NO.	Question No.	1	2	Total Marks	1	2	Total Marks
	Sub-questions						
	Max. Marks	10	10		10	10	
	COs satisfied	I,II	II,III		IV,V	V,VI	
1722001	Asabe Mayuri Ashok	9	7	16	9	6	15
1722002	Bhate Rohan Prasannakumar	8	7	15	8	8	16
1722003	Bhutkar Aishwarya Raghunai	8	7	15	6	8	14
1722004	Damgude Diptee Arun	9	9	18	9	9	18
1722005	Deshmane Akshata Sanjay	6	5	11	6	7	13
1722006	Deshmane Manoj Chandraka	7	8	15	7	6	13
1722007	Devalekar Komal Suresh	8	8	16	8	8	16
1722008	Dhanawale Sagar Dnyanoba	8	8	16	9	9	18
1722009	Dhondge Kaustubh Virendra	7	8	15	6	5	11
1722010	Ghule Ajay Dinkar	9	7	16	9	8	17
1722011	Kadekar Gausmohammad Inr	6	7	13	7	8	15
1722012	Khude Ankita Sunil	7	8	15	8	8	16
1722013	Khude Dipali Chhaban	7	8	15	9	8	17
1722014	Kumbhar Akshay Gurudev	8	8	16	8	5	13
1722015	Mhasavade Arati Milind	5	5	10	5	5	10
1722016	More Ajinkya Namdeo	7	8	15	8	8	16
1722017	Patil Pavan Dhanaji	8	8	16	8	8	16
1722018	Patil Rupesh Ramesh	8	8	16	8	6	14
1722019	Pawar Snehal Laxman	7	9	16	7	6	13

1722020	Pawar Trupti Vikas	8	6	14	7	7	(
1722021	Pawar Vaishali Sanjay	7	7	14	7	6	13
1722022	Phadnis Swapnali Sudhir	7	8	15	6	8	14
1722023	Phase Vishakha Audumbar	8	7	15	7	7	14
1722024	Roman Snehal Ravindra	7	7	14	8	7	15
1722025	Salekar Rupali Balu	7	6	13	7	6	13
1722026	Salunke Pragati Sampat	8	8	16	8	8	16
1722027	Sathe Sunny Somnath	7	7	14	7	7	14
1722028	Shaikh Tamanna Anwar	9	9	18	9	8	17
1722029	Shinde Tejaswini Popat	8	8	16	7	7	14
1722030	Shivankar Ankita Vinayak	7	8	15	7	8	15
1722031	Surve Ashlesha Devidas	5	6	11	6	8	14
1722032	Surve Omkar Shashank	8	7	15	7	8	15
1722033	Thakare Priyanka Shashikant	7	7	14	7	7	14
1722034	Yadav Krishna Ramdhani	8	8	16	8	7	15
1722035	Yadav Prajwal Shankar	5	5	10	5	5	10
1722036	Yadav Tanuja Dnyaneshwar	7	8	15	8	8	16
	Target Value	7	7		7	7	
	No. of students above class average	31	30		29	26	
	% of students above the class average	83.78	81.08		78.38	70.27	
	CO Attainment Level from Assignment I	3	3		2	2	

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Department of Computer Engineering

Class SE   Subject   Principles of Prograaming Languages

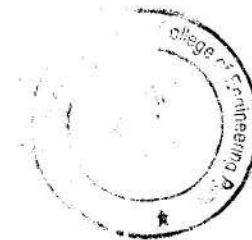Sem II   Subject code:- 210254

A.Y:-2017-2018

Calculation for CO and PO attainment for all students

END TERM TEST (Unit No.: IV, V, VI)

ERP NO.	Question No.	1	2	3	Total Marks
	Max. Marks	17	17	16	
	COs satisfied	I,II	III,IV,	V,VI	
1722001	Asabe Mayuri Ashok	8	7	5	20
1722002	Bhate Rohan Prasannakumar	8	8	8	24
1722003	Bhutkar Aishwarya Raghunandan	9	7	6	27
1722004	Damgude Diptee Arun	2	2	3	7
1722005	Deshmane Akshata Sanjay	AB	AB	AB	AB
1722006	Deshmane Manoj Chandrakant	4	3	3	10
1722007	Devalekar Komal Suresh	10	8	7	25
1722008	Dhanawale Sagar Dnyanoba	9	9	10	28
1722009	Dhondge Kaustubh Virendra	8	8	10	26
1722010	Ghule Ajay Dinkar	8	8	10	26
1722011	Kadekar Gausmohammad Innuskh	11	10	10	31
1722012	Khude Ankita Sunil	12	12	13	37
1722013	Khude Dipali Chhaban	8	8	10	26
1722014	Kumbhar Akshay Gurudev	AB	AB	AB	AB
1722015	Mhasavade Arati Milind	AB	AB	AB	AB
1722016	More Ajinkya Namdeo	10	10	11	31
1722017	Patil Pavan Dhanaji	AB	AB	AB	AB
1722018	Patil Rupesh Ramesh	8	4	5	17
1722019	Pawar Snehal Laxman	11	11	10	32
1722020	Pawar Trupti Vikas	5	5	6	16
1722021	Pawar Vaishali Sanjay	10	10	10	30
1722022	Phadnis Swapnali Sudhir	9	9	10	28
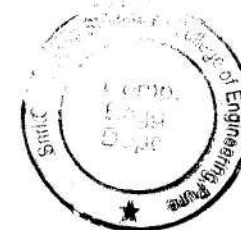
1722023	Phase Vishakha Audumbar	AB	AB	AB	14
1722024	Roman Snehal Ravindra	1	1	2	4
1722025	Salekar Rupali Balu	AB	AB	AB	AB
1722026	Salunke Pragati Sampat	9	9	9	27
1722027	Sathe Sunny Somnath	8	9	9	26
1722028	Shaikh Tamanna Anwar	11	10	10	31
1722029	Shinde Tejaswini Popat	3	3	2	8
1722030	Shivankar Ankita Vinayak	11	11	11	33
1722031	Surve Ashlesha Devidas	9	5	6	20
1722032	Surve Omkar Shashank	9	9	8	26
1722033	Thakare Priyanka Shashikant	AB	AB	AB	31
1722034	Yadav Krishna Ramdhani	12	12	15	39
1722035	Yadav Prajwal Shankar	AB	AB	AB	AB
1722036	Yadav Tanuja Dnyaneshwar	13	13	14	40
Target Value		7	7	7	
No. of students above class average		23	21	19	
% of students above the class average		76.67	70.00	63.33	
CO Attainment Level from END Term		2	2	1	

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Department of Computer Engineering

Class SE   Subject   Principles of Prograaming Languages

Sem II   Subject code:- 210254

Calculation for CO and PO attainment for all students

COs satisfied by In Sem Exam	I, II, III, IV

COs satisfied by End Sem Exam	I, II, III, IV

CO Attainment through ONLINE Exam

Satisfied COs	Attainment
I	1.45
II	1.45
III	1.45
IV	1.3
V	1.2
VI	1.2

CO Attainment through End Sem Exam

Satisfied COs	Attainment
I	1.45
II	1.45
III	1.45
IV	1.3
V	1.2
VI	1.2

ONLINE		END SEM Exam	
Roll No.	Marks	Roll No.	Marks
1722001	33	1722001	24
1722002	29	1722002	25
1722003	18	1722003	29
1722004	29	1722004	26
1722005	25	1722005	28
1722006	17	1722006	3
1722007	27	1722007	31
1722008	27	1722008	29
1722009	30	1722009	8
1722010	23	1722010	26
1722011	19	1722011	27
1722012	AB	1722012	AB
1722013	18	1722013	28
1722014	29	1722014	28
1722015	22	1722015	24
1722016	32	1722016	28
1722017	15	1722017	20
1722018	27	1722018	27
1722019	33	1722019	38
1722020	24	1722020	20
1722021	26	1722021	24
1722022	20	1722022	24
1722023	27	1722023	26
1722024	AB	1722024	AB
1722025	19	1722025	21
1722026	25	1722026	25
1722027	17	1722027	8
1722028	28	1722028	24

1722029	23	1722029	32
1722030	31	1722030	21
1722031	33	1722031	22
1722032	24	1722032	21
1722033	25	1722033	10
1722034	21	1722034	36
1722035	27	1722035	20
1722036	23	1722036	29
Target Value	23	Target Value	23
No. of students above class	24	No. of students above	23
% of students above the	64.86	% of students above the	62.16
CO Attainment Level fromONLINE Exam	1	CO Attainment Level from Term End	1

Problem: As question wise marks are not displayed in marksheet

Hence through in sem exam CO I,II and III,IV,V,VI are attained by 3 level

Student Exit Survey

Department of Computer Engineering

Rajgad Dnyanpeeth's

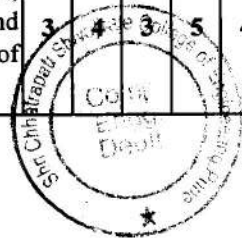# SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

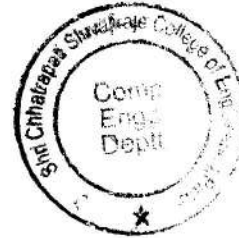## Department:-Computer Engineering

Student Exit Survey Analysis

Academic Year: 2017-2018

Sr. No.	Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Total out of 85	%
	Teaching Learning																			
1	Overall quality of teaching and Learning in college is	4	3	3	4	4	4	3	3	4	3	4	5	4	4	3	3	4	62	72.94
2	The Learning Material and resources provided were	3	4	3	4	4	3	4	3	4	3	3	4	5	4	4	3	3	61	71.76
	Facilities/Activities																			
1	Infrastructure and Lab/ Library Facility	5	4	5	3	4	5	5	4	4	3	4	5	4	4	5	5	3	72	84.71
2	Student's counseling and Guidance	5	5	4	5	4	3	4	3	5	5	4	3	4	4	4	5	4	71	83.53
3	Internet/Wi-Fi facility	4	4	3	4	5	3	4	3	5	3	4	5	4	4	3	4	3	65	76.47
4	Extracurricular activities and sports	4	3	4	3	4	3	3	4	5	4	4	3	4	2	3	4	3	60	70.59
5	Safety and Security	5	2	3	4	4	2	4	3	4	2	4	3	4	3	5	4	2	58	68.24
	Curriculum																			
1	The curriculum of Program is well designed and Promotes learning	2	3	4	3	4	3	3	3	4	5	4	3	5	3	4	2	2	57	67.06
2	Employability is given focus in Curriculum design	4	5	3	4	5	5	5	4	4	3	4	5	4	4	3	4	4	70	82.35
3	The curriculum incorporates recent technological changes in area	3	5	3	5	5	5	4	5	4	3	5	4	5	3	3	4	4	70	82.35
	Career guidance/employability																			
1	The guidance received for Employment/ Higher studies/entrepreneurship was	4	3	5	3	5	3	5	4	4	4	5	4	5	4	5	4	4	71	83.53
	Program specific objectives																			
1	PSO1: Professional Skills-The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying.	3	4	3	5	4	3	5	4	5	5	4	3	3	2	5	4	3	65	76.47

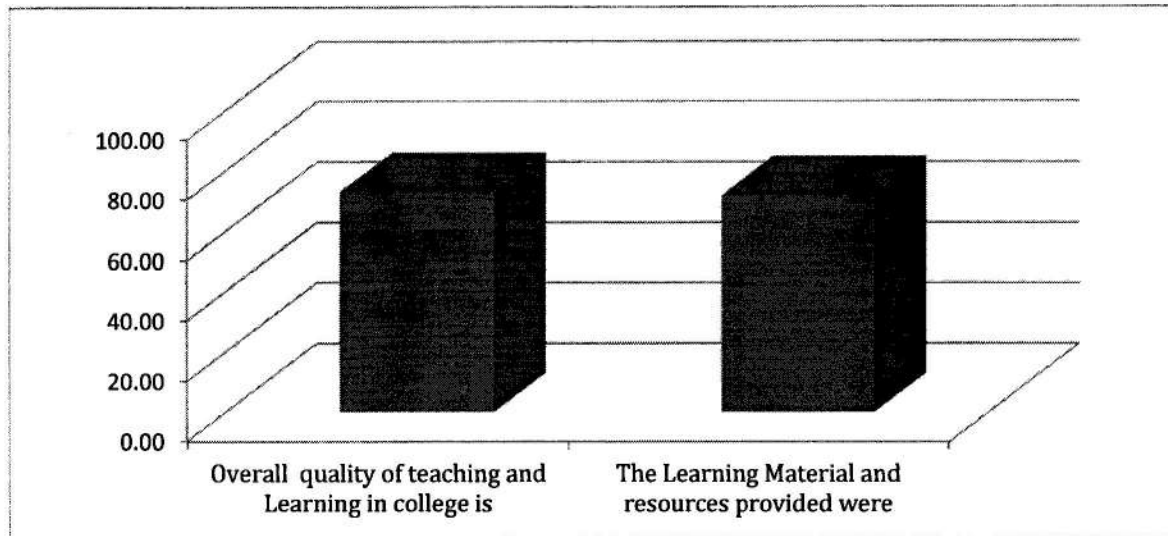	#	Description																		Total	%
2	PSO2: Problem-Solving Skills- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	4	4	2	3	5	5	4	5	4	3	5	4	3	5	4	4	3	67	78.82
3	PSO3: Successful Career and Entrepreneurship- The ability to employ modern computer languages environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for Higher studies	4	5	5	4	5	3	4	4	5	4	2	3	4	5	4	4	4	69	81.18
		54	54	50	54	62	50	57	52	61	50	56	54	58	51	55	54	46	918	77.14

Prepared By

HOD

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Department:-Computer Engineering
Student Exit Survey Analysis
Academic Year: 2017-2018
Teaching Learning

Facilities/Activities

Curriculum

	The curriculum of Program is well designed and Promotes learning experience of Student	Employability is given focus in Curriculum design	The curriculum incorporates recent technological changes in area

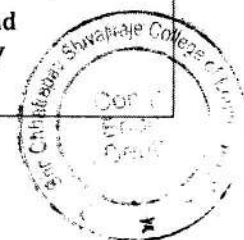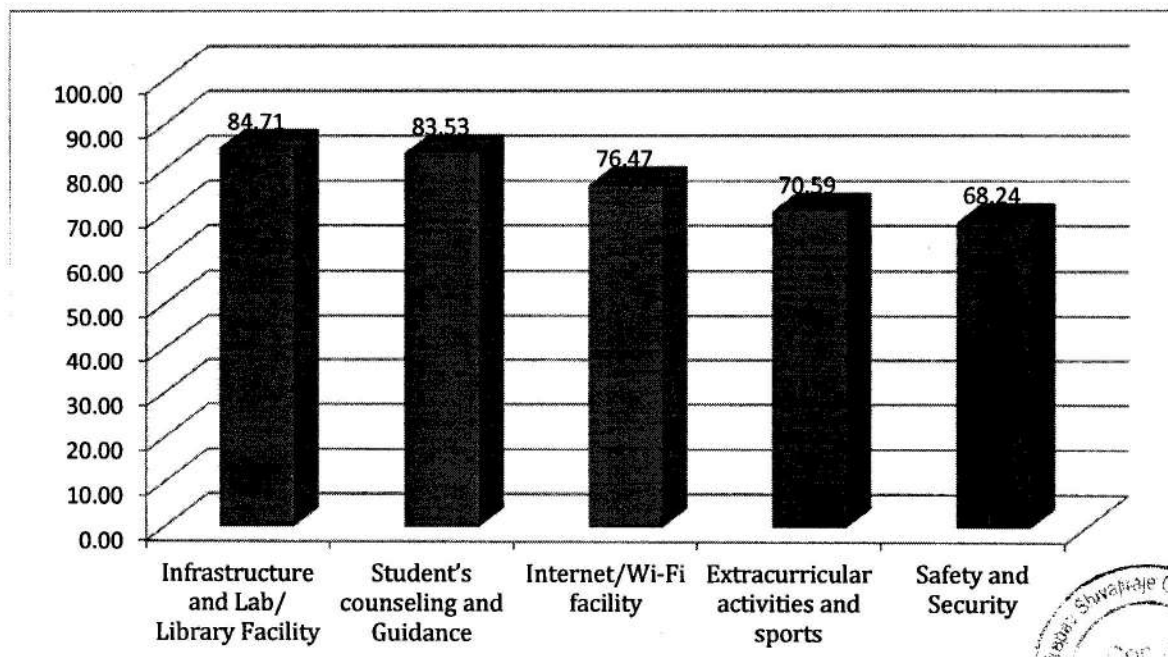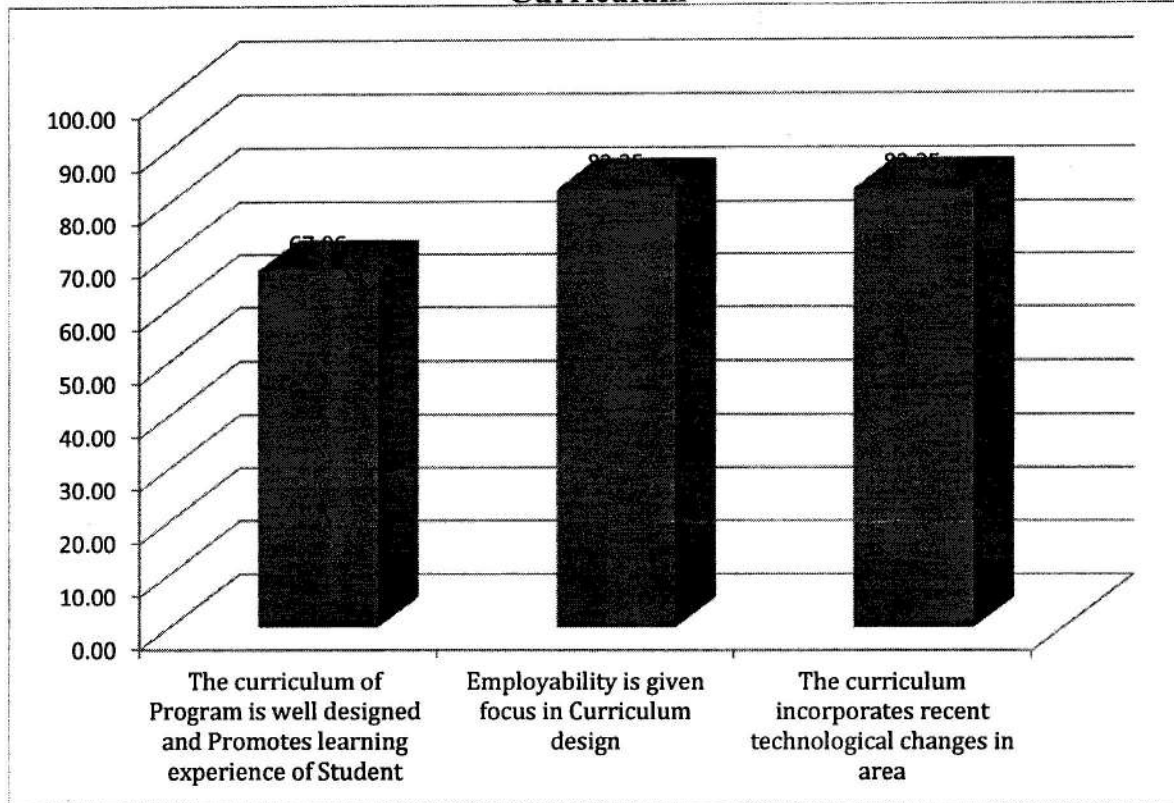## Program specific objectives
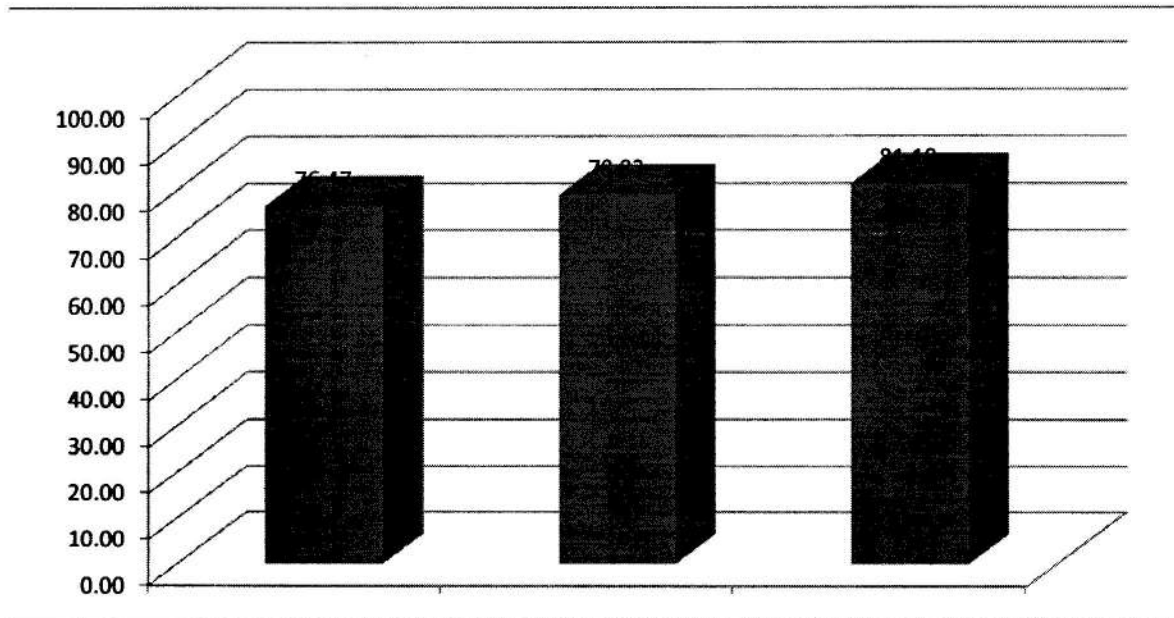
Coordinator

Head of Department

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Student Exit Survey

Dear Students,

We wouid be greatful if you coulf fillout and submit following student exit survey. We assure that your feedback will be treated confidential for our continious improvement

Name of Student __Bathe Pooja Prashant__ Branch __computer__

Mobile No __7709385522__ Email-ID __poojabathe@gmail.com__

Questionnaire	Excellent (5)	Very good (4)	Good (3)	Satisfactory (2)	Poor (1)
Teaching Learning					
Overall quality of teaching and Learning in college is		✓			
The Learning Material and resources provided were			✓		
Facilities/Activities					
Infrastructure and Lab/ Library Facility	✓				
Student's counseling and Guidance	✓				
Internet/Wi-Fi facility		✓			
Extracurricular activities and sports		✓			
Safety and Security	✓				
Curriculum					
The curriculum of Program is well designed and Promotes learning experience of Student				✓	
Employability is given focus in Curriculum design		✓			
The curriculum incorporates recent technological changes in area			✓		
Career guidance/employability					
The guidance received for Employment/ Higher studies/entrepreneurship was		✓			
Program specific objectives					
PSO1: Professional Skills-The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying.			✓		
PSO2: Problem-Solving Skills- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.		✓			
PSO3: Successful Career and Entrepreneurship- The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.		✓			

Signature of Student

Pooja B.

Student Exit Survey

Department of Civil Engineering

2017-18

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway, Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Department:-Civil Engineering

Student Exit Survey Analysis

Academic Year: 2017-2018

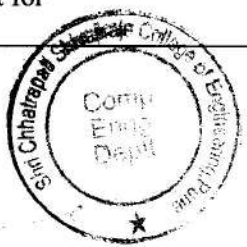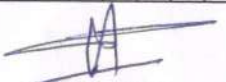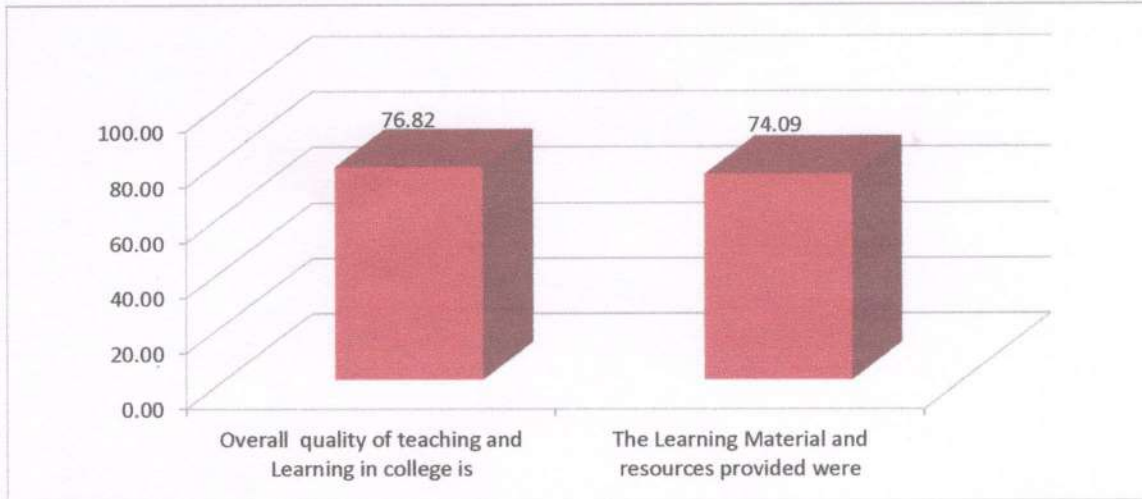| Sr. No.	Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	Total out of 220	%
	Teaching Learning																																														
1	Overall quality of teaching and Learning in college is	4	4	3	4	3	3	4	5	4	4	3	4	2	3	4	2	3	5	4	3	5	4	5	3	3	4	4	5	3	5	5	5	4	5	4	3	5	4	3	3	5	4	4	3	169	76.82
2	The Learning Material and resources provided were	3	3	4	4	2	4	3	4	2	4	3	4	3	5	4	3	4	2	3	4	5	5	4	4	3	4	5	5	4	4	4	3	4	4	3	4	3	4	3	3	4	5	4	4	163	74.09
	Facilities/Activities																																														
1	Infrastructure and Lab/ Library Facility	5	3	4	3	4	3	3	3	4	5	4	3	5	3	4	2	4	3	4	3	4	3	3	3	4	5	4	3	5	3	4	2	3	4	5	5	4	4	3	4	5	4	4	5	165	75.00
2	Student's counseling and Guidance	5	5	3	4	5	5	5	4	4	3	4	5	4	4	3	4	5	5	3	4	5	5	5	4	4	3	4	5	4	4	3	4	5	4	3	4	3	5	5	4	3	4	4	4	182	82.73
3	Internet/Wi-Fi facility	4	5	3	5	5	5	4	5	4	3	5	4	5	3	3	4	4	5	3	5	5	5	4	5	4	3	5	4	5	3	3	4	4	5	3	5	3	4	5	5	4	4	4	5	181	82.27
4	Extracurricular activities and sports	4	5	3	4	3	5	5	4	3	4	4	4	5	3	4	5	5	5	4	4	3	5	4	3	5	3	4	2	3	4	5	5	4	4	3	4	5	5	4	4	3	4	2	3	174	79.09
5	Safety and Security	5	5	5	4	3	5	3	4	2	3	4	5	5	4	4	3	4	5	5	4	3	5	3	4	2	3	4	5	5	4	4	3	4	5	2	4	3	4	2	4	3	4	3	5	170	77.27
	Curriculum																																														
1	The curriculum of Program is well designed and Promotes learning experience of Student	2	4	4	5	5	4	4	3	4	5	4	4	5	5	4	4	3	5	4	4	5	5	4	4	3	4	5	4	4	5	5	4	3	4	3	3	3	3	4	5	4	3	5	3	178	80.91
2	Employability is given focus in Curriculum design	4	3	4	3	4	3	5	5	4	3	4	4	4	5	3	3	5	3	3	4	3	4	4	3	5	5	4	3	4	4	4	5	3	4	5	5	5	4	4	3	4	5	4	3	173	78.64
3	The curriculum incorporates recent technological changes in area	3	3	5	3	4	3	5	3	4	5	4	4	3	4	3	3	5	3	3	5	3	4	3	5	3	4	5	4	4	3	4	3	5	5	5	4	5	4	3	5	4	5	3	3	171	77.73
	Career guidance/Employability																																														
1	The guidance received for Employment/ Higher studies/entrepreneurship was	4	3	5	4	3	5	4	5	5	4	3	3	2	5	4	4	3	4	3	5	5	5	4	5	4	3	5	4	5	3	3	5	3	5	3	5	4	4	4	5	4	5	4	5	180	81.82
	Program Specific Objectives																																														
1	PSO1: The ability to create innovative designs with new materials of minimum embodied energy through research and development focusing on global quality of life by observing professional ethics.	3	4	3	4	3	3	4	5	4	4	3	4	2	3	4	4	3	5	4	5	5	4	3	3	3	5	5	4	5	4	3	5	4	3	5	4	4	5	5	4	3	3	2	5	170	77.27
2	PSO2: The ability to recognize the need of the hour like housing, sanitation, transportation, waste management, irrigation, use of renewable energy etc. for a sustainable environment.	4	3	4	4	2	4	3	4	2	4	3	4	3	5	4	3	3	4	5	4	4	3	5	4	3	5	4	5	5	4	3	3	3	5	5	4	5	4	3	5	4	3	5	4	170	77.27
3	PSO3: Function effectively in multi-disciplinary teams.	5	3	4	4	5	4	2	3	4	3	4	5	4	3	5	4	3	5	4	4	5	5	3	5	5	4	5	4	3	5	4	3	4	5	3	4	4	5	4	2	3	4	5	4	176	80.00
		55	53	54	55	51	56	54	57	50	54	52	57	52	55	53	48	54	59	52	58	60	62	53	57	51	54	62	58	59	55	55	52	54	63	52	57	55	61	50	55	54	58	51	55	2422	78.64

Prof. S. V. Bankar
Prepared By
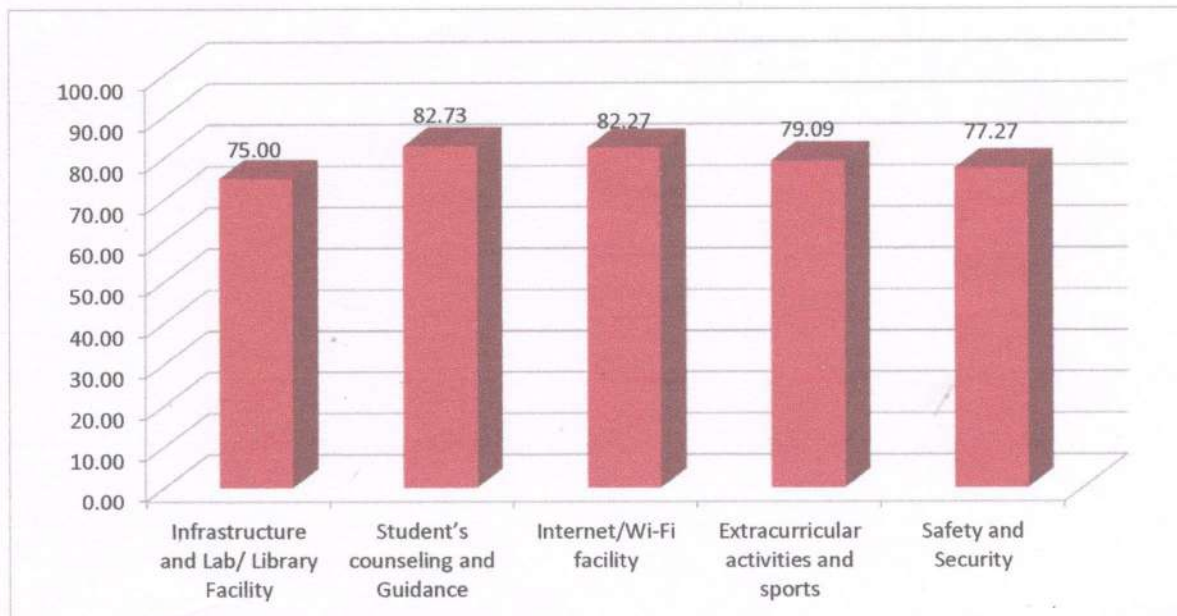
Prof. G. S. Jadhav

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Department:-Civil Engineering
Student Exit Survey Analysis
Academic Year: 2017-2018

Teaching Learning

Facilities/Activities

Curriculum

	80.91	78.64	77.73
	The curriculum of Program is well designed and Promotes learning experience of Student	Employability is given focus in Curriculum design	The curriculum incorporates recent technological changes in area

Program Specific Objectives

	77.27	77.27	80.00
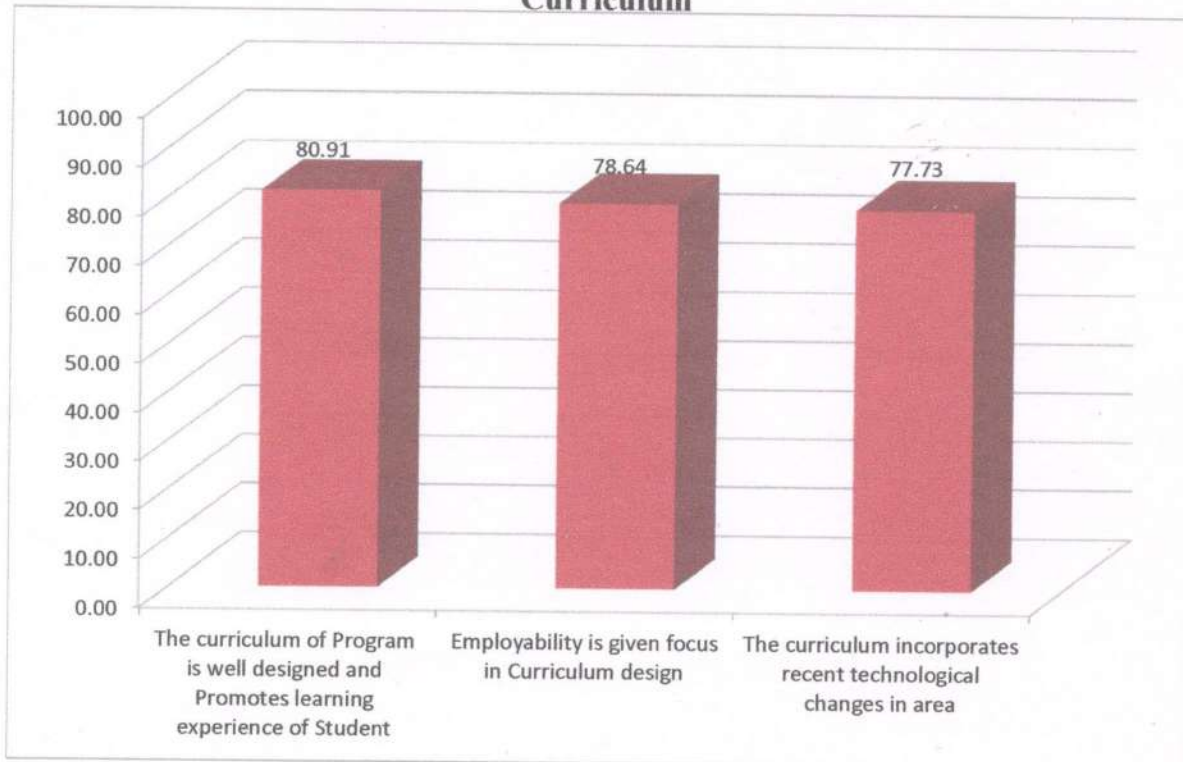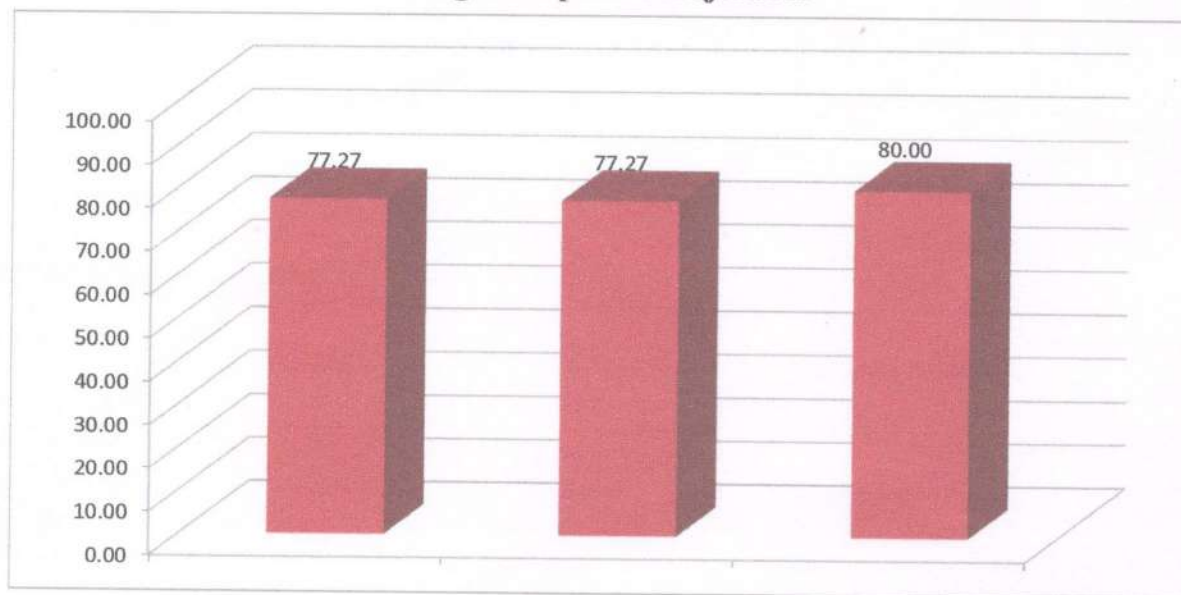
Prof. S. V. Bankar
Coordinator

Prof. G. S. Jadhav
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Student Exit Survey

Dear Students,

We wouid be greatful if you coulf fillout and submit following student exit survey. We assure that your feedback will be treated confidential for our continious improvement.

Name of Student __Shivdare Chetan C__   Branch __Civil Engg.__

Mobile No __9011576080__   Email-ID __chetanshivdare1606@gmail.com__

Questionnaire	Excellent (5)	Very good (4)	Good (3)	Satisfactory (2)	Poor (1)
Teaching Learning					
Overall quality of teaching and Learning in college is		✓			
The Learning Material and resources provided were		✓			
Facilities/Activities					
Infrastructure and Lab/ Library Facility	✓				
Student's counseling and Guidance			✓		
Internet/Wi-Fi facility		✓	.		
Extracurricular activities and sports		✓			
Safety and Security		✓			
Curriculum					
The curriculum of Program is well designed and Promotes learning experience of Student	✓				
Employability is given focus in Curriculum design		✓			
The curriculum incorporates recent technological changes in area	✓				
Career guidance/Employability					
The guidance received for Employment/ Higher studies/entrepreneurship was	✓				
Program Specific Objectives					
PSO1: The ability to create innovative designs with new materials of minimum embodied energy through research and development focusing on global quality of life by observing professional ethics.			✓		
PSO2: The ability to recognize the need of the hour like housing, sanitation, transportation, waste management, irrigation, use of renewable energy etc. for a sustainable environment.			✓		
PSO3: Function effectively in multi-disciplinary teams.		✓			

Shivdare .

Signature of Student

Student Exit Survey

Department of Electronics and Telecommunication Engineering

2017-18

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Department:- Electronics & Telecommunication Engineering

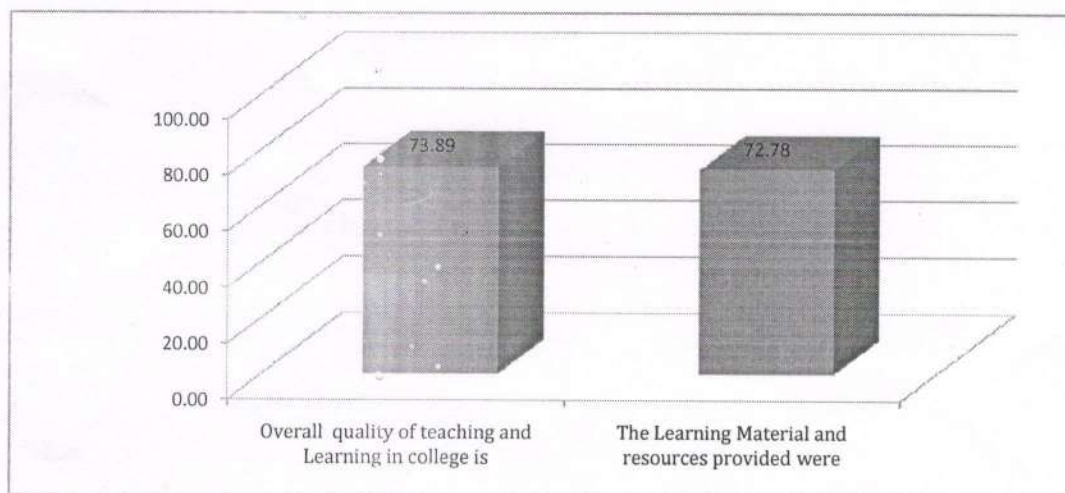**Student Exit Survey Analysis**

Academic Year: 2017-2018

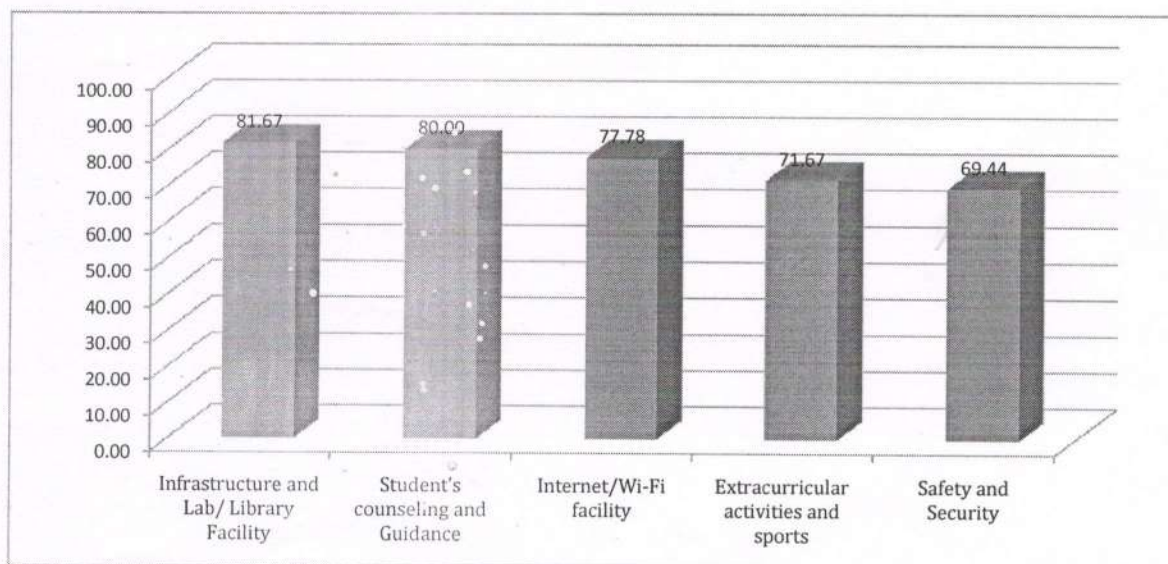| Sr. No.	Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Total out of 180	%
	Teaching Learning																																						
1	Overall quality of teaching and Learning in college is	4	3	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	4	4	3	3	4	4	4	3	3	4	3	4	5	4	4	3	3	4	3	133	73.89
2	The Learning Material and resources provided were	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	3	4	3	3	4	3	4	4	3	4	3	4	3	3	4	5	4	4	3	3	3	131	72.78
	Facilities/Activities																																						
1	Infrastructure and Lab/ Library Facility	5	4	5	4	5	4	4	4	5	4	4	3	3	4	4	4	4	4	5	4	5	3	4	5	4	4	4	3	4	5	4	4	5	3	3	4	147	81.67
2	Student's counseling and Guidance	5	4	3	4	4	4	4	4	4	5	4	4	4	5	4	3	4	3	4	4	4	5	4	3	4	3	5	4	4	3	4	4	4	5	4	4	144	80.00
3	Internet/Wi-Fi facility	4	5	3	4	4	4	3	4	4	4	3	4	4	4	3	4	3	4	4	4	3	4	5	3	4	3	5	5	4	5	4	4	4	4	3	4	140	77.78
4	Extracurricular activities and sports	4	4	4	3	4	3	4	4	4	3	4	3	4	4	4	3	4	3	4	3	4	4	4	3	3	4	4	4	4	3	4	2	3	4	3	3	129	71.67
5	Safety and Security	4	3	4	4	4	3	4	4	4	3	4	4	4	3	4	4	4	4	4	2	3	4	4	2	4	3	3	2	4	3	3	3	4	4	2	3	125	69.44
	Curriculum																																						
1	The curriculum of Program is well designed and Promotes learning experience of Student	5	4	2	3	3	3	2	3	3	3	2	3	3	4	4	4	3	5	4	3	4	3	4	3	3	3	4	5	4	3	5	3	4	3	3	3	123	68.33
2	Employability is given focus in Curriculum design	4	3	3	4	5	4	3	5	4	3	3	4	5	4	3	4	3	4	4	5	3	4	5	4	5	4	4	4	4	5	4	4	5	4	4	4	144	80.00
3	The curriculum incorporates recent technological changes in area	4	4	4	3	3	4	5	3	4	4	4	3	3	5	4	4	4	3	3	5	3	5	5	5	4	5	4	3	5	4	5	4	5	4	5	4	146	81.11
	Career guidance/employability																																						
1	The guidance received for Employment/ Higher studies/entrepreneurship was	5	4	4	4	5	4	4	4	5	4	4	4	4	5	4	4	4	4	5	4	3	5	3	5	3	5	4	4	4	5	4	5	4	5	4	4	152	84.44
	Program specific objectives																																						
1	PSO1:Should be able to understand the fundamental concepts in electronics circuit/ product design, networking techniques, IC design, embedded systems, and signal processing.	4	4	3	4	4	5	3	4	4	4	3	4	4	5	3	4	3	4	3	4	3	5	4	3	5	4	5	5	4	3	3	2	5	4	3	4	138	76.67
2	PSO2: Should be able to apply the learning, analyze the communication systems with the help of hardware and software design tools.	5	3	4	4	4	3	4	4	4	5	4	4	4	3	4	4	4	4	4	4	2	3	5	5	4	5	4	3	5	4	3	5	4	4	3	3	141	78.33
3	PSO3: Should be able to handle the project work and prepare engineering project module.	4	5	4	4	4	5	4	4	4	4	4	4	4	5	4	4	4	4	5	5	4	4	3	4	4	5	4	2	3	4	5	4	4	4	4	4	147	81.67
		61	54	51	52	57	53	52	54	57	49	51	51	55	57	53	53	52	54	54	53	50	55	61	49	56	52	59	52	56	54	57	52	59	53	48	50	1940	76.98

Prof.J.J.Bandal
Prepared By

Prof. T. M.Dudhane
HOD
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
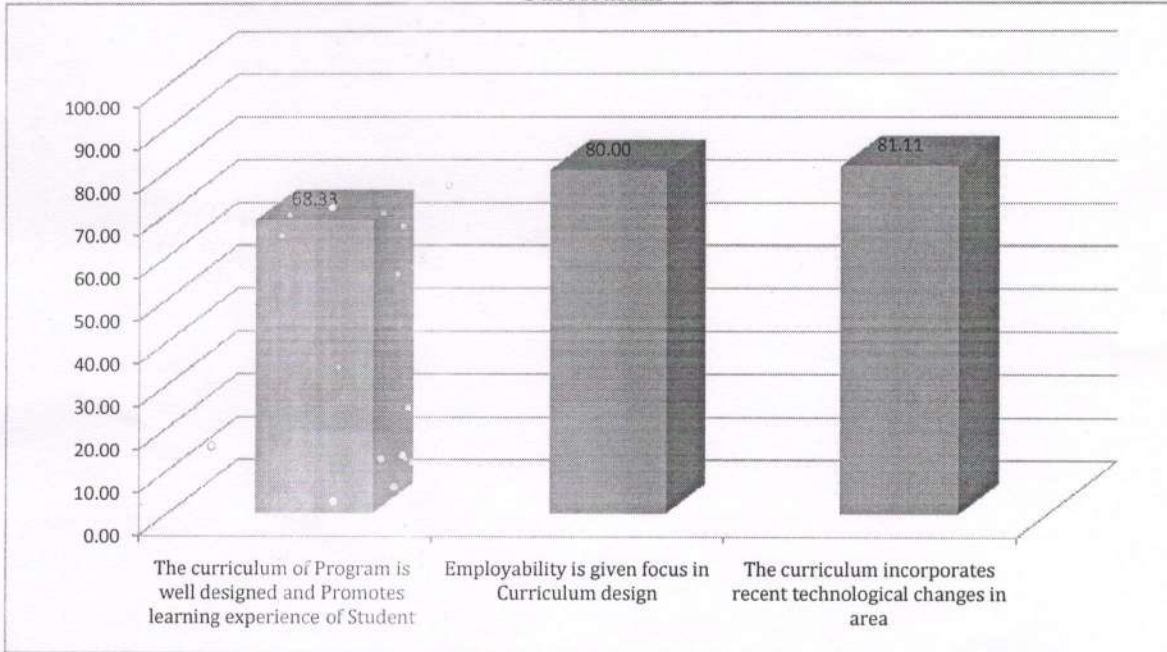Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Department:- Electronics & Telecommunication Engineering

Student Exit Survey Analysis
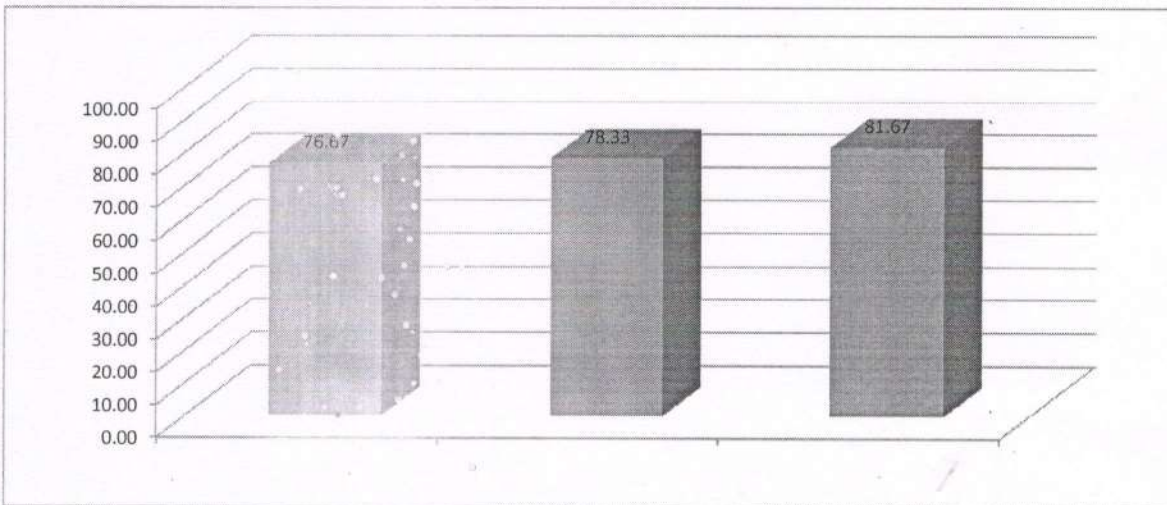
Academic Year: 2017-2018

Teaching Learning

Facilities/Activities

Curriculum

Bar chart titled "Curriculum" with values:
- The curriculum of Program is well designed and Promotes learning experience of Student: 68.33
- Employability is given focus in Curriculum design: 80.00
- The curriculum incorporates recent technological changes in area: 81.11

Program specific objectives

Bar chart titled "Program specific objectives" with values: 76.67, 78.33, 81.67

Prof. J. I. Bandal
Coordinator

Prof. T. M. Dudhane
Head of Department

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat. No. 237, Pune Bangalore Highway,Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

Student Exit Survey

Dear Students,

We wouid be greatful if you coulf fillout and submit following student exit survey. We assure that your feedback will be treated confidential for our continious improvement

Name of Student __Asalekar Prachi Dilip__ Branch __E&TC__

Mobile No __7350991614__ Email-ID __Prachiasalekar@gmail.com__

Questionnaire	Excellent (5)	Very good (4)	Good (3)	Satisfactory (2)	Poor (1)
Teaching Learning					
Overall quality of teaching and Learning in college is		✓			
The Learning Material and resources provided were		✓			
Facilities/Activities					
Infrastructure and Lab/ Library Facility	✓				
Student's counseling and Guidance	✓				
Internet/Wi-Fi facility		✓			
Extracurricular activities and sports		✓			
Safety and Security		✓			
Curriculum					
The curriculum of Program is well designed and Promotes learning experience of Student	✓				
Employability is given focus in Curriculum design		✓			
The curriculum incorporates recent technological changes in area		✓			
Career guidance/employability					
The guidance received for Employment/ Higher studies/entrepreneurship was	✓				
Program specific objectives					
PSO1: Should be able to understand the fundamental concepts in electronics circuit/ product design, networking techniques, IC design, embedded systems, and signal processing.		✓			
PSO2: Should be able to apply the learning, analyze the communication systems with the help of hardware and software design tools.	✓				
PSO3: Should be able to handle the project work and prepare engineering project module.		✓			

Signature of Student