

PERI INSTITUTE OF TECHNOLOGY

Computer Science & Engg.

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Part A : Institutional Information

1 Name and Address of the Institution

PERI INSTITUTE OF TECHNOLOGY,
PERI INSTITUTE OF TECHNOLOGY NO 1 MANNIVAKKAM WEST TAMBARAM CHENNAI 600048

2 Name and Address of Affiliating University

ANNA UNIVERSITY

3 Year of establishment of the Institution:

2010

4 Type of the Institution:

☐ University	☐ Autonomous
☐ Deemed University	☒ Affiliated
☐ Government Aided	

5 Ownership Status:

☐ Central Government	☒ Trust
☐ State Government	☐ Society
☐ Government Aided	☐ Section 25 Company
☒ Self financing	☐ Any Other(Please Specify)

6 Other Academic Institutions of the Trust/Society/Company etc., if any:

Name of Institutions	Year of Establishment	Programs of Study	Location

7 Details of all the programs being offered by the institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
B.E	UG	2010	2010	60	Yes	120	Applying first time	--	--	Yes	4
M.E	PG	2012	2012	18	Yes	0	Not eligible for accreditation	--	--	No	2

Sanctioned Intake for Last Five Years for the M.E

Academic Year

Sanctioned Intake

2019-20

0

2018-19

24

2017-18

24

2016-17

24

2015-16

24

2014-15

24

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Computer Science & Engg.
2	Under Graduate	Engineering & Technology	Electronics & Communication Engg.

9 Total number of employees in the institution:**A. Regular* Employees (Faculty and Staff):**

Items	2019-20		2018-19		2017-18	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	75	82	75	82	75	82
Faculty in Engineering (Female)	40	42	42	44	44	48
Faculty in Maths, Science & Humanities (Male)	14	16	12	14	14	16
Faculty in Maths, Science & Humanities (FeMale)	14	16	16	16	16	16
Non-teaching staff (Male)	16	18	16	18	16	18
Non-teaching staff (FeMale)	12	12	12	12	12	12

B. Contractual* Employees (Faculty and Staff):

Items	2019-20		2018-19		2017-18	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	7	8	7	8	8	8
Faculty in Engineering (Female)	2	2	2	2	2	2
Faculty in Maths, Science & Humanities (Male)	2	4	2	4	2	2
Faculty in Maths, Science & Humanities (FeMale)	0	0	0	0	0	0
Non-teaching staff (Male)	0	0	0	0	0	0
Non-teaching staff (FeMale)	0	0	0	0	0	0

10 Total number of Engineering Students:

Engineering and Technology- UG	☒ Shift1	☐ Shift2
Engineering and Technology- PG	☒ Shift1	☐ Shift2
Engineering and Technology- Polytechnic	☐ Shift1	☐ Shift2
MBA	☐ Shift1	☐ Shift2
MCA	☐ Shift1	☐ Shift2

Engineering and Technology- UG Shift-1

Items	2019-20	2018-19	2017-18
Total no. of Boys	1310	1576	1518
Total no. of Girls	330	384	356
Total	1640	1960	1874

Engineering and Technology- PG Shift-1

Items	2019-20	2018-19	2017-18
Total no. of Boys	7	9	6
Total no. of Girls	12	4	4
Total	19	13	10

11 Vision of the Institution:

PERI Institute of Technology has a vision to be an internationally recognised Institution of higher learning in Engineering, Technology & Science. PERI also visualises being a Research incubator for academicians, Industrialists and researchers from across the world.

The information regarding the vision, mission are made available in the College website (<http://peri.education/periit/index.php>), Test, Assignment & Record note books . Posters are displayed in every classroom, staff room, HOD chamber, at the Admin Block & entrance of the all other blocks in the campus.

12 Mission of the Institution:

PERI Institute of Technology will endeavour to emerge as a premier technical institution in the country by

- Providing state-of-the-art infrastructure facilities to achieve excellence in teaching-learning, Research & Development.
- Aligning with leading industries to create competent engineers through internships and placement focused training.
- Create an environment which is conducive to learn skills which will solve pressing issues along with foundation in moral values and ethics.
- The Vision and Mission of PERIIT are published and disseminated at:
 - College website:<http://peri.education/periit/index.php> (<http://peri.education/periit/index.php>),
 - Student Test, Assignment & Record Note books
 - Department notice boards
 - HOD Room's
 - College brochure
 - Staff Rooms
 - Laboratories
 - Corridors
 - Admin & other Blocks in the campus
 - Library
 - Conferance
 - Conference/seminar hall

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr.R.Palson Kennedy
Designation	Principal
Mobile No.	9444044720
Email ID	principal@periit.com

☒ **NBA Coordinator, If Designated**

Name	S.Vinitha
Designation	Assistant Professor
Mobile No.	9894226675
Email ID	vinmano2001@yahoo.com

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	60	60.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	120	120.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	120	120.00
4	STUDENTS' PERFORMANCE	150	112.92
5	FACULTY INFORMATION AND CONTRIBUTIONS	200	179.03
6	FACILITIES AND TECHNICAL SUPPORT	80	80.00
7	CONTINUOUS IMPROVEMENT	50	50.00
8	FIRST YEAR ACADEMICS	50	43.00
9	STUDENT SUPPORT SYSTEMS	50	50.00
10	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	120	120.00
	Total	1000	935

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60)

Total Marks 60.00

1.1 State the Vision and Mission of the Department and Institute (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	PERI Institute of Technology has a vision to be an internationally recognised Institution of higher learning in Engineering, Technology & Science. PERI also visualises being a Research incubator for academicians, Industrialists and researchers from across the world. The information regarding the vision, mission are made available in the College website (http://peri.education/periit/index.php (http://peri.education/periit/index.php)), Test, Assignment & Record note books . Posters are displayed in every classroom, staff room, HOD chamber, at the Admin Block & entrance of the all other blocks in the campus.
Mission of the institute	PERI Institute of Technology will endeavour to emerge as a premier technical institution in the country by • Providing state-of-the-art infrastructure facilities to achieve excellence in teaching-learning, Research & Development. • Aligning with leading industries to create competent engineers through internships and placement focused training. • Create an environment which is conducive to learn skills which will solve pressing issues along with foundation in moral values and ethics. • The Vision and Mission of PERIIT are published and disseminated at: ◦ College website:http://peri.education/periit/index.php (http://peri.education/periit/index.php), ◦ Student Test, Assignment & Record Note books ◦ Department notice boards ◦ HOD Room's ◦ College brochure ◦ Staff Rooms ◦ Laboratories ◦ Corridors ◦ Admin & other Blocks in the campus ◦ Library ◦ Conferance ◦ Conference/seminar hall
Vision of the Department	The vision of the department is to produce competent professionals with moral values through scientific and knowledge-based education

Mission of the Department	Mission No.	Mission Statements
	M1	To Provide exposure of latest tools and technologies in the area of Engineering and Technology
	M2	To Promote research based projects / activities in the emerging areas of technology convergence
	M3	To Enhance Industry Institute Interaction program to get acquainted with corporate culture and to develop entrepreneurship skills
	M4	To Induce ethical values and spirit of social commitment

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	To provide students with strong introductory concepts and also advanced techniques and tools in order to enable them to build solutions or systems of varying density
PEO2	To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.
PEO3	To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs
PEO4	Exhibit professional attitude, teamwork and practice code of ethics.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (10)

Total Marks 10.00

Institute Marks : 10.00

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among Stake Holders (10)**Internal Stake Holders**

1. Management
2. Governing Council Members
3. Faculty members
4. Non-Teaching Staff
5. Students

External Stake Holders

1. Parents
2. Employers
3. Industry
4. Alumni

The Vision and Mission Statements are published

Website: <http://www.periit.com> –Vision and Mission of Institute and department are made visible to the public through the website as it gives wide publicity. This will help the public who are interested to know about the institution's motto.

HOD's Chamber: Since HOD ensures to cater to the needs of the stake holders. Disseminating in the Chamber will allow the stakeholders like students, parents, faculty members etc. to understand the principles / culture of the department.

Faculty Rooms: Exhibiting the vision and mission statements in the faculty rooms is a way of making sure that the faculty is aware of the institute's as well as the department's vision and mission. It helps the faculty to reinforce the direction of teaching learning process. It also guides the teachers in setting individual objectives that are aligned with the institute's objectives.

Class Rooms & Laboratories: Students spend a great amount of time in the classroom. By viewing Vision and mission of the department and institute on regular basis students will be motivated and get molded to the institute / department culture.

Corridors of the Department: Students will be spending leisure time in corridors, they will be aware of the institutes as well as the department's vision and mission

Course files: Exhibiting the vision and mission statements on the course files is a way of making sure that the faculty is aware of the institute's as well as the department's vision and mission. It helps the faculty to reinforce the direction of teaching learning process. It also guides the teachers in setting individual objectives that are aligned with the institute's objectives.

Department Library: Students and faculty will be visitors to the Department Library, It helps the faculty to reinforce the direction of teaching learning process.

The following means are used to disseminate the Vision, Mission and PEOs of the department among Stake holders:

Publishing at various places of the Department.- Faculty, Students and other guests and visitors like Parents, employers may visit the department. Displaying of Mission and Vision will reach to the variety of visitors.

Induction Program – Students and Parents: Management will be conducting induction programs on every year. In these meetings head of the department will address various academic matters and the activities initiated in the institute. The vision and mission of the institute and department is recollected in such meetings.

Parents and Teachers Meeting – Parents are the stakeholders of the institute, In these meetings head of the department will address various academic matters and the activities initiated in the institute. The vision and mission of the institute and department is recollected in such meetings.

Campus Recruitment Drives – Employers are one of the stakeholders of the institute; vision and mission of the institute and department are widely publicized and announced.

Alumni Meet – Alumnae meetings are conducted once in a year on the first Saturday in the month of January. During these meetings opinions and suggestions from the alumnae students are collected and reviewed to refine the process. It is a custom to recall the vision and mission of the institute in each alumnae meeting.

Awareness Workshops – Workshops will be organized by the department in every academic year to enhance the skills & knowledge of the students and faculty in different areas of current research work. Faculty and students from various academic institutes and industries will take part in these workshops. Presenting the Vision and Mission of the institute and the department in such programs facilitates for a far reaching circulation.

FDP -- One faculty development program in every academic year is conducted for the faculty of the institution. The orientation of this program is to provide awareness of Vision and Mission of the institute and to guide the new faculty. This facilitates the new faculty to follow the procedures and methodologies for effective teaching and learning process.

News Letter - The Bi-annual News Letter furnishes the summary on the events & achievements of varied departments, Faculty, Students of the institution. Propagating the vision and mission of the institute through this will give wide publicity.

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (25)

Total Marks 25.00

Institute Marks : 25.00

1.4. State the process for defining the Vision and Mission of the department, and PEOs of the Program (25)

Considering the institutional Mission & Vision, the Vision and Mission Statements of the department were defined by involving the stakeholders.

Following process were adopted in developing Departmental Mission and Vision statements:

The Program Educational Objectives are established through a consultation process involving the core constituents such as: Students, Alumni, Industry, Faculty and Employer

- The Vision, Mission and PEOs are established through the following process steps:

Step 1: Vision and Mission of the Department are taken as a basis to interact with various stake holders and graduate attributes defined by NBA are also kept in view.

Step 2: Program Coordinator consults the key constituents and collects their views and submits the views to Program Assessment Committee.

Step 3: Program Assessment Committee summarizes the collected views and expresses its opinion on the views and forwards the same to Department Advisory Board.

Step 4: Department Advisory Board deliberates on the views expressed by the Program Assessment Committee and formulates the accepted views based on which PEOs are to be established

- A series of discussions were conducted simultaneously among CSE faculty, alumni representatives, Industry experts, Training experts and Department Advisory Board members consecutively to finalize the PEOs for the academic year 2018-19.

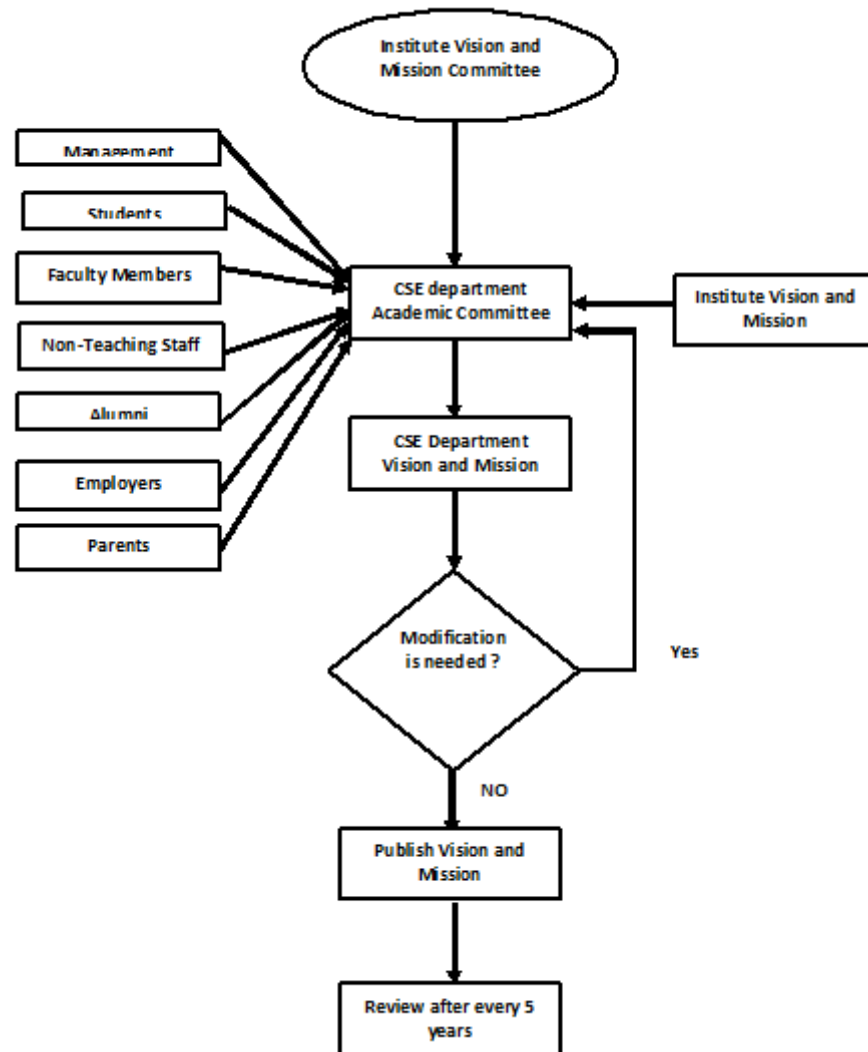


Figure: Process for defining Vision and Mission of the Department

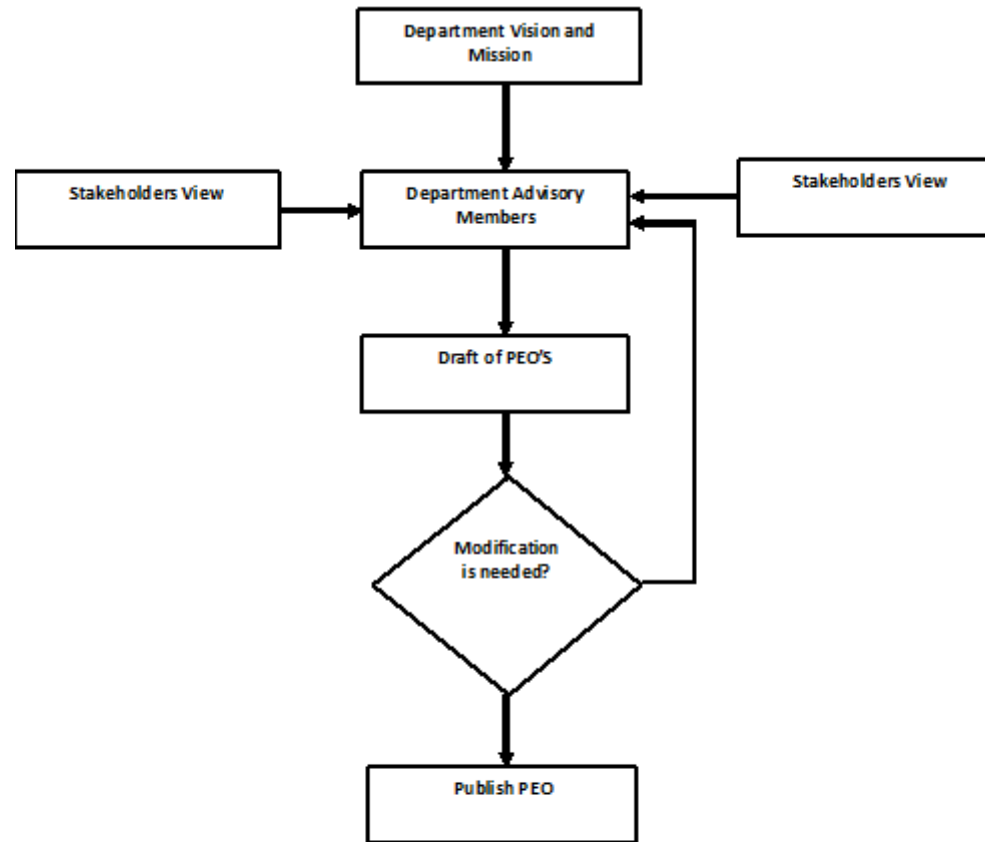


Figure: Process for defining PEO of the Department

1.5 Establish consistency of PEOs with Mission of the Department (15)

Total Marks 15.00

Institute Marks : 15.00

1.5. Establish consistency of PEOs with Mission of the institute (15)

Note: M1, M2, . . Mn are distinct elements of Mission statement. 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 “-”

Note: In this document wherever the term ‘Process’ has been used its meaning is process formulation, notification and implementation.

PEO STATEMENTS	M1	M2	M3	M4
	To Provide exposure of latest tools and technologies in the area of Engineering and Technology	To Promote research based projects / activities in the emerging areas of technology convergence	To Enhance Industry Institute Interaction program to get acquainted with corporate culture and to develop entrepreneurship skills	Induce ethical values and spirit of social commitment

PEO 1: To provide students with strong introductory concepts and also advanced techniques and tools in order to enable them to build solutions or systems of varying density.	3	3	2	1
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PEO 2: To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.	2	3	2	2
PEO 3: To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.	3	3	3	1
PEO4: Exhibit professional attitude, teamwork and practice code of ethics	1	2	2	3

Justification and rationale of the mapping

PEO1 and M1	The learning environment provided in the college is designed to Impart deep technology skills by conducting workshops, seminars, and Guest Lecture's. This ascertains the students will get acquainted with latest technological trends.
PEO1 and M2	The learning environment in the college is to instigate the student to work in cohesion to solve real life research problems of research during project period and summer industry internship and mentorship.

PEO1 and M3	Through the specially designed academic delivery and value added academic projects brings out the leadership qualities of a students and to become an entrepreneur.
PEO1 and M4	Focuses on ability to work as a team and to promote the design and implementation of products and services with an understanding of its impact on economical, environmental, ethical, and societal considerations.
PEO2 and M1	Learners are enabled to involve in solving research problems with the help of in house trainings, implementing Projects and publishing research articles.
PEO2 and M2	The varied research focus groups by the faculty members of the department could able to identify and solve complex real time research problems by the students.
PEO2 and M3	Students are able to work as team and assign the responsibility mutually throughout the product development facilitates the leadership skills and entrepreneur.
PEO2 and M4	Highly Support to achieve for establishing the incubation centers to meet global research challenges
PEO3 AND M1	Through the curriculum and the special training students are exposed to cutting edge technologies.
PEO3 AND M2	The value added courses enables the students to a continuous learners and solve multifaceted problems.
PEO3 AND M3	Project presentations participation in the global contest ascertains the industry readiness of a student.
PEO3 AND M4	Work ethics, attitude and productivity are interrelated in the office environment. To maximize your employees productivity, you need to foster an environment in which positive attitudes dominate and people develop strong work ethics
PEO4 AND M1	Habit of Self Learning enables the continuous and vertical learning of a student.
PEO4 AND M2	The team building and work in cohesion is trained during the project development and laboratory tasks.

PEO4 AND M3	With the help of Industry expert's suggestion during the project presentations enables the academia -industry linkage.
PEO4 AND M4	In the course of study, students should be able to learn ethical behavior and team building very well.

PEO Statements	M1	M2	M3	M4
To provide students with strong introductory concepts and also advanced techniques and tools in order to enable them to build solutions or systems of varying density	--Select-- ▼	--Select-- ▼	--Select-- ▼	--Select-- ▼
To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.	--Select-- ▼	--Select-- ▼	--Select-- ▼	--Select-- ▼
To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs	--Select-- ▼	--Select-- ▼	--Select-- ▼	--Select-- ▼
Exhibit professional attitude, teamwork and practice code of ethics.	--Select-- ▼	--Select-- ▼	--Select-- ▼	--Select-- ▼

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

Total Marks 120.00

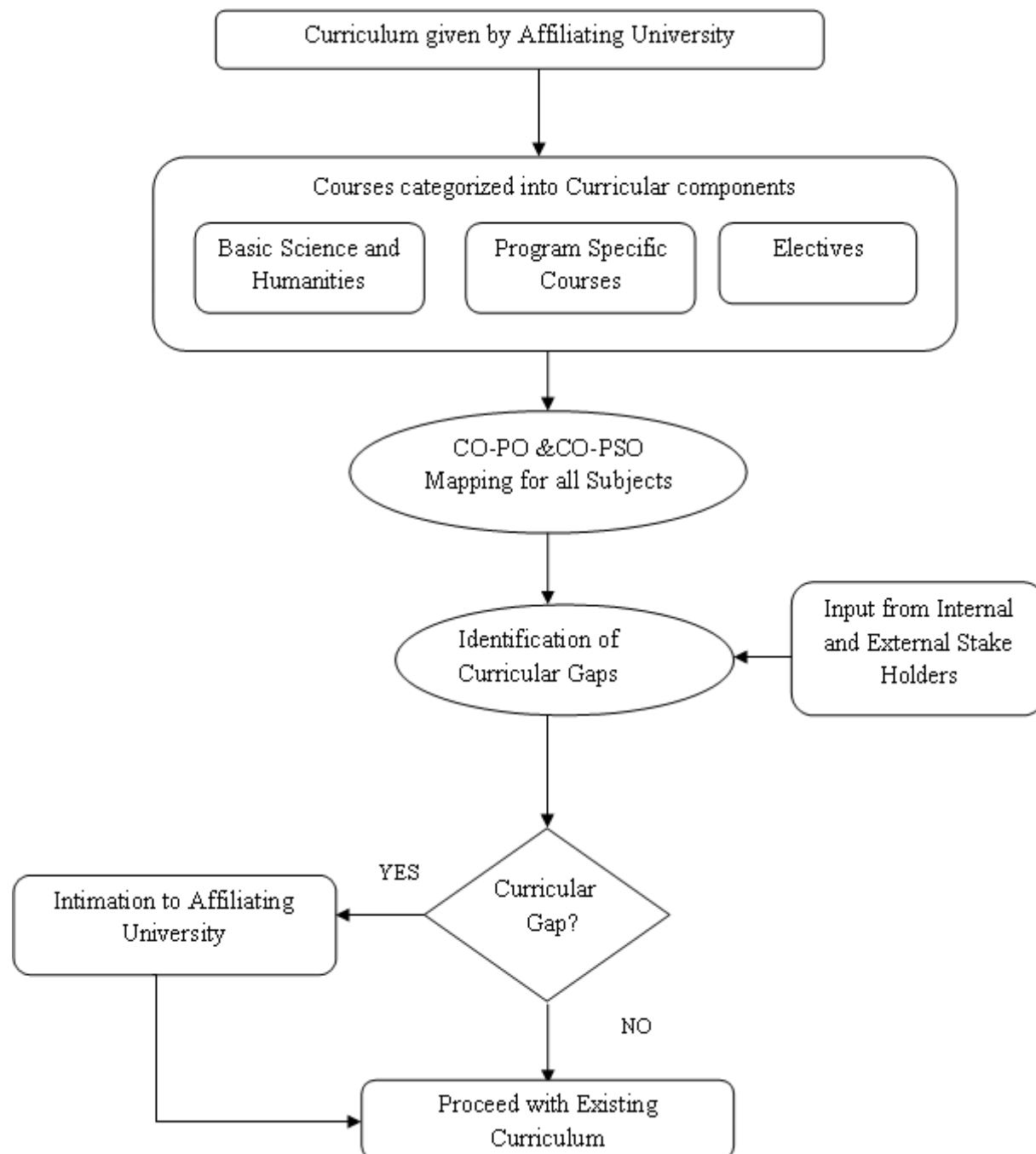
2.1 Program Curriculum (20)

Total Marks 20.00

2.1.1 State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexurel. Also mention the identified curricular gaps, if any (10)

Institute Marks : 10.00

Process diagram to identify extent of compliance of the university curriculum for attaining the programme outcomes and programme specific outcomes as follows,



Our college adheres to curriculum and syllabi as prescribed by Anna University, Chennai.

The syllabi comprises of multifaceted courses covering theory, practical and project. The table shows the regulations which are being followed in previous years and regulations which are in progress.

Regulation	Batch
R 2013	2013-2017
	2014-2018
	2015-2019
	2016-2020
R 2017	2017-2021
	2018-2022
	2019-2023

The extent of compliance of University curriculum with the POs & PSOs is identified and the process adapted to find out the curricular gaps is mentioned below:

- **The Curriculum is divided broadly into 3 Categories as listed below.**
 1. Basic Science & Humanities
 2. Program Specific Courses
 3. Electives
- **Each Subject is mapped into the corresponding category and POs and PSOs as shown below:**

Identification of curricular gaps – R-2013

Categories of Curriculum	Subjects	Percentage of Contribution	Mapped POs and PSOs
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Categories of Curriculum	Subjects	Percentage of Contribution	Mapped POs and PSOs
Basic Science & Humanities 12	Engineering Physics – I, Engineering Chemistry – I, Engineering Graphics , Engineering Physics – II, Engineering Chemistry – II, Environmental Science and Engineering, Mathematics – I, Mathematics – II, Transforms and Partial Differential Equations, Probability and Queuing Theory, Discrete Mathematics , Resource Management Techniques	27%	PO1, PO2, PO3, PO4, PO7, PSO1
Program Specific Courses 25	Computer Programming, Digital Principles and System Design, Programming and Data Structures I, Programming and Data Structure II, Database Management Systems, Computer Architecture, Analog and Digital Communication, Computer Networks , Operating Systems, Design and Analysis of Algorithms, Microprocessor and Microcontroller, Software Engineering, Internet Programming, Object Oriented Analysis and Design, Theory of Computation, Computer Graphics, Distributed Systems, Mobile Computing, Compiler Design, Digital Signal Processing, Artificial Intelligence, Cryptography and Network Security, Graph Theory and Applications, Grid and Cloud Computing, Multi – Core Architectures and Programming	57%	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, P10, PO11, PO12 PSO1, PSO2, PSO3
Electives 7	Total Quality Management, Cyber Forensics, Service Oriented Architecture, Information Retrieval, Data Analytics, Human Computer Interaction, Professional Ethics in Engineering	16%	PO1, PO2, PO3, PO5, PO12
Content Delivery			PO1, PO2, PO3, PO4, PO5, PO12
Laboratory Work			PO1, PO2, PO3, PO4, PO5, PO9, PO10, PSO1, PSO2, PSO3
Project Work			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3

Programme Outcomes	Weightage based on the Mapping to Curriculum Subjects	Percentage (%)
PO1: Engineering Knowledge	6	12.77
PO2: Problem Analysis	5	10.64
PO3: Design/Development of Solutions	6	12.77
PO4: Conduct investigations of complex problems	5	10.64
PO5: Modern Tool Usage	5	10.64
PO6: The Engineer and Society	2	4.26
PO7: Environment and Sustainability	3	6.38
PO8: Ethics	2	4.26
PO9: Individual and Team Work	3	6.38
PO10: Communication	2	4.26
PO11: Project Management and Finance	2	4.26
PO12: Life Long Learning	4	8.51
PSO1: Foundation of Computer System	3	6.38
PSO2: Foundations of Software Development	3	6.38
PSO3: Impact of Computing	3	6.38
PSO4: Applications of Computing and Research ability	0	0.00

Identified Curricular Gaps based on POs and PSOs are given below:

- PO6 : The Engineer and Society
- PO8 : Ethics
- PO10 : Communication
- PO11 : Project management and finance

Identification of curricular gaps – R-2017

Categories of Curriculum	Subjects	Percentage of Contribution	Mapped POs and PSOs
Basic Science & Humanities	Engineering Mathematics – I, Engineering Physics, Engineering Chemistry, Engineering Graphics, Engineering Mathematics II, Physics for Information Science, Environmental Science and Engineering, Discrete Mathematics, Probability and Queuing Theory	42.8%	PO1,PO2,PO3,PO4,PO5PO7,PSO1,PSO2
Programme Specific Courses	Problem Solving and Python Programming, Basic Electrical, Electronics and Measurement Engineering, Programming in C, Digital Principles and Design, Data Structures, Object Oriented Programming, Communication Engineering, Computer Architecture, Database Management Systems, Design and Analysis of Algorithms, Operating Systems, Software Engineering	57.1%	PO1,PO2,PO3,PO9, PO10,PSO1
Elective*	-	-	-
Content Delivery			PO1,PO2, PO3,PO10,PSO1
Laboratory Work			PO1, PO2, PO3, PO8, PO9, PO10, PO12,PSO1
Project Work*			-

*Batch18-22 and Batch 17-21 are under Regulation 2017 are in progress of the course and have completed only four semesters as per CAY.

Identified Curricular Gaps based on POs and PSOs are given below:

- PO6 : The Engineer and Society
- PO8 : Ethics
- PO12 : Lifelong learning

Measures taken to fulfill the curriculum gap relevant to POs and SOs:**PO6: The Engineer and Society**

- Case studies enhance the student's understanding and learning experience.
- Latest happenings in the region and globe have been published in newsletter and magazines.
- Encourage the students to do the social relevance projects.
- Professional Society activities provide platform to address societal issues.

PO8: Ethics

- Awareness program through guest lectures / Student Club activities.
- Field study and field work through NSS / NCC.
- Assistance to aspiring student entrepreneurs through the EDC-Entrepreneurship Development Cell of the College.

PO12: Life Long Learning

To meet the technological change, the following methods are adopted to enhance lifelong learning

- Special guest lecturers for higher studies
- Education Fair
- GATE awareness program
- In-plant trainings
- Workshops
- Paper Presentations
- Projects for updating the technological innovations

Further, the gaps are strengthened by conducting the various events as mentioned in section 2.1.2.

**2.1.2 State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs (10)**

Institute Marks : 10.00

2018-19

S.No	Gap	Action Taken	Date- Month- Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	CS6551 Computer Networks	Industrial visit to Eye open Technologies	18/07/2018	Mr. Shan & Mr. Praveen Kumar, Experts from Eye Open Technologies	90	PO1,PO6,PSO3
2	CS6659 Artificial Intelligence	Guest Lecture on IOT	25/07/2018	Mr.Shivaprasad Trainer & Developer, Fresh skills	95	PO3, PO4
3	GE6075 Professional Ethics in Engineering	Guest lecture on career guidance & Future prospectus	9/07/2018	Mr.V.G.Shanmugham, Founder & CEO, Shan Software Services	90	PO8,PO9,PO10, PSO2
4	GE6075 Professional Ethics in Engineering	Guest Lecture on Career Guidance & Future Prospectus	23/07/2018	Mr.N.C.Balachandran, Director, Career Development & Placement (Rtd.)	94	PO8,PO9,PO10, PSO2
5	CS6801 Multicore Architecture & Programming	Training on Proteus Design Suite Software	5/07/2018	Mr.Aborn, Academic Expert, KCG College of Technologies	93	PO7, PO8

2017-18

S.No	Gap	Action Taken	Date- Month- Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	CS6659 Artificial Intelligence	CSI Chapter	21/12/2017	Mr.Raja, Technical Head, Chennai Softech	90	PO3, PO4
2	CS6703 Grid & Cloud Computing	FDP & Workshop	14/06/2017	Mr.Yuvaraj, Corporate Trainer, Eyeopen Technologies	92	PO4, PO5, PO12, PSO3
3	GE6674 Communication & Soft Skills Lab	Personality Development Program	22/12/2017	Mr.P.Prasanna Venkatesan, International Success Coach, Author & Advocate	91	PO9, PO10, PSO2

2016-17

S.No	Gap	Action Taken	Date- Month- Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	CS6701 Cryptography & Network Security	Guest Lecture on Cyber Security	8/07/2016	Dr.N.Kala, Assistant Professor & Director Incharge, Centre for Cyber Forensics & Information Security	90	PO5, PO6, PO12, PSO3
2	CS6611 Mobile Application Development Lab	Hands-on Android App Development	29/07/2016	Mr.Vignesh Raju, EEC,	92	PO4, PO5, PO12, PSO2
3	CS6703 Grid & Cloud Computing	Guest Lecture on Cloud Service Trends	11/08/2016	Mr.Sankar Krishnan, Head, Travel & Logistics, L&T Infotech	93	PO3, PO4, PO5, PO12, PSO3
4	CS6304 Analog & Digital Communication	Industrial Visit to BSNL, Maraimalai Nagar, Chennai	20/07/2016	Experts from BSNL	95	PO1, PO3, PO6, PSO3
5	CS6551 Computer Networks	Industrial Visit to Sans Bound Technologies	16/09/2016	Experts from Sans Bound Technologies	96	PO1, PO5, PO6, PO12, PSO3

2.2 Teaching - Learning Processes (100)

Total Marks 100.00

2.2.1 Describe processes followed to improve quality of Teaching & Learning (25)

Institute Marks : 25.00

2.2.1 Describe the teaching and learning process (25)**Academic Calendar**

Principal and Heads of the departments frame the academic calendar and the Institution publishes semester plan based on the academic schedule published by affiliating university and it will be distributed to all the departments. The department prepares academic activity schedule with the following contents.

- a. Class committee meetings.
- b. Professional society activity.
- c. Internal assessment schedule.
- d. Industrial visit.
- e. Industrial training.
- f. Syllabus coverage schedule.
- g. Guest lectures.
- h. Project review schedule.

i. Academic audit.

Based on the academic calendar faculty member should prepare the lesson plan, Course Materials and Question Papers to meet out the Course Outcomes.

The Process that adopts to improve the quality of teaching and learning is shown in Figure 2.2. It involves the following steps.

- Step 1:** Adherence to Academic Calendar
- Step 2:** Use of Various Collaborative Learning Methods and Pedagogical Initiatives
- Step 3:** Methodologies to support Weak Students
- Step 4:** Methodologies to encourage Bright Students
- Step 5:** Continuous Assessment in the Laboratory
- Step 6:** Students Feedback of Teaching Learning Process and Actions Taken

Step 1: Adherence to Academic Calendar

The institution academic calendar for each semester is designed as per the University academic calendar. Typically, the odd semester commences during the third week of June and ends during the third week of October. The odd semester exam starts in the month of November/December. The even semester commences during the third week of December and ends during the third week of April. The even semester university exam starts in the month of April/May.

TLP-Calendar of events– which include all other co-circular and extra-curricular activities

Academic Year: 2019-2020 (ODD Semester)

S. No	Month	Date	Event
1.	June	03.06.2019	Staff meeting: Regarding subject allocation for odd semester (2019-2020)
2.		04.06.2019	Staff meeting: Regarding lesson plan preparation of individual subject
3.		06.06.2019	Lesson plan submission
4.		07.06.2019	Staff meeting: Regarding class notes materials preparation and submission date
5.		10.06.2019	Class notes materials submission
6.		11.06.2019	Checking compliance of lesson plan & Class notes for II, III and IV year going faculty

7.		12.06.2019	Commencement of Theory Class for II, III and IV year students.
8.		14.06.2019	Class Committee Meeting-I for II and III and IV year students
9.	July	05.07.2019	Workshop on Renewable Energy
10.		06.07.2019	Workshop on Renewable Energy
11.		12.07.2019	Class Committee Meeting-II for II and III and IV year students
12.		18-07-2019	Workshop on PLC/SCADA
13.		19-07-2019	Workshop on PLC/SCADA
14.		22.07.2019 to 27.07.2019	CAT-I Exam (2 Units) for II, III and IV year students
15.		29.07.2019	Submission of CAT-I Marks
16.		30.07.2019	Commencement of stay back class for weak students
17.		31.07.2019	Cultural & Sports Day
18.	August	04.08.2019	Work shop on MATALAB
19.		05.08.2019	Work shop on MATALAB
20.		07.08.2019	Work shop on SMART GRID
21.		09.08.2019	CULTURAL & SPORTS DAY
22.		10.08.2019	Inauguration day for Ist Year.
23.		23.08.2019	Seminar on “Artificial Intelligence”
24.		24.08.2019	Workshop on PCB
25.		26.08.2019 to 31.08.2019	CAT-II Exam (2 Units) for II, III and IV year students
26.	September	03.09.2019	Submission of CAT-II Marks

27.		04.09.2019	Commencement of stay back class for weak students
28.		05.09.2019	CAT-II Marks send to parents.
29.		06.09.2019	Seminar on “Embedded System”
30.		07.09.2019	Work shop on Embedded System
31.		16.09.2019 to 21.09.2019	CAT-III Exam (5 Units 2 mark questions) for II, III and IV year students
32.		23.09.2019	Submission of CAT-II Marks
33.		24.09.2019	Commencement of stay back class for weak students
34.		25.09.2019	CAT-III Marks send to parents.
35.		27.09.2019	Class Committee Meeting-III for II and III and IV year students
36.		28.09.2019	Guest Lecturer for Special Machine
37.	October	03.10.2019	Placement Training-1 for IV year students
38.		09.10.2019	coaching for sub1
39.		10.10.2019	coaching for sub1
40.		11.10.2019	Model Exam1 for Sub1
41.		14.10.2019	coaching for sub2
42.		15.10.2019	coaching for sub2
43.		16.10.2019	Model Exam1 for Sub2
44.		17.10.2019	coaching for sub3
45.		18.10.2019	coaching for sub3
46.		19.10.2019	Model Exam1 for Sub3
47.		21.10.2019	coaching for sub4

48.		22.10.2019	coaching for sub4
49.		23.10.2019	Model Exam1 for Sub4
50.		24.10.2019	coaching for sub5
51.		25.10.2019	coaching for sub5
52.		26.10.2019	Model Exam1 for Sub5
53.		29.10.2019	coaching for sub6
54.		30.10.2019	coaching for sub6
55.		31.10.2019	Model Exam1 for Sub6
56.	November	01.11.2019	Class Committee Meeting-IV for II and III and IV year students
57.		04.11.2019 to 09.11.2019	Model Exam 2 for II and III and IV year students
58.		14.11.2019	Placement Training-II for IV year students
59.		15.11.2019 to 16.11.2019	Record Submission for II and III and IV year students
60.		19.11.2019 to 20.11.2019	Commencement of Anna University Practical Exam
61.		28.11.2019	Commencement of Anna University Theory Exam

Academic Year: 2018-2019 (EVEN Semester)

S. No	Month	Date	Event
1.	December	03.12.2018	Staff meeting: Regarding subject allocation for even semester (2018-2019)

2.		06.12.2018	Staff meeting: Regarding lesson plan preparation of individual subject
3.		08.12.2018	Lesson plan submission
4.		11.12.2018	Staff meeting: Regarding class notes materials preparation and submission date
5.		14.12.2018	Class notes materials submission
6.		17.12.2018	Checking compliance of lesson plan & Class notes for II, III and IV year going faculty
7.		19.12.2018	Commencement of Theory Class for II, III and IV year students
8.		20.12.2018	Entrepreneurship Development Cell - Future of E-Commerce and Social Media for Entrepreneurs
9.		22.12.2018	One day Seminar on "Personality Development"
10.	January	02.01.2019	II, III year Class-in-charge meeting: Regarding completion of Unit-I & CAT-I Exam
11.		03.01.2019	Class Committee Meeting-I for III and IV year students
12.		04.01.2019	IV year Class-in-charge meeting: Regarding completion of Unit-I & CAT-I Exam
13.		05.01.2019 to 11.01.2019	CAT-I Exam (1 ½ Units) for II, III and IV year students
14.		18.01.2019	Submission of CAT-I Marks
15.		19.01.2019	Commencement of stay back class for weak students
16.		21.01.2019	Dispatch of mark sheets to parents
17.		23.01.2019	III and IV year Class-in-charge meeting: Regarding completion of CAT-II Exam portions

18.		24.01.2019	II year Class-in-charge meeting: Regarding completion of CAT-II Exam portions
19.		28.01.2019	II year: Assignment-I Submission for all subjects
20.		29.01.2019	III and IV year: Assignment-II Submission for all subjects
21.		30.01.2019	Workshop on Embedded Systems(Arduino and Raspberry Pi)
22.	February	04.02.2019 to 09.02.2019	CAT-II (1 ½ units) for II, III and IV year students
23.		11.02.2019	Submission of CAT-II Marks
24.		12.02.2019	Commencement of stay back class for weak students
25.		13.02.2019	Dispatch of mark sheets to parents
26.		14.02.2019	Class Committee Meeting-II for II, III and IV year students
27.		22.02.2019	Guest lecture on “Cloud Computing”
28.		26.02.2019	Staff Meeting: Regarding NBA Work
29.		27.02.2019	Allotment of NBA File
30.		28.02.2019	Industrial Visit for III year students
31.	March	01.03.2019	Staff Meeting: Regarding Coaching schedule for II, III and IV year students
32.		02.03.2019	Coaching
33.		03.03.2019	CAT-3 Exam (sub1)
34.		04.03.2019	Coaching
35.		05.03.2019	CAT-3 Exam (sub2)
36.		08.03.2019	One day seminar on “Women Self-Empowerment”
37.		09.03.2019	Coaching

38.		11.03.2019	CAT-3 Exam (sub3)
39.		12.03.2019	Coaching
40.		13.03.2019	CAT-3 Exam (sub4)
41.		14.03.2019	Coaching
42.		15.03.2019	CAT-3 Exam (sub5)
43.		18.03.2019	Coaching
44.		19.03.2019	CAT-3 Exam (sub5)
45.		22.03.2019, 23.03.2019	International Conference
46.	April	01.04.2019	Special coaching for tough sub1
47.		02.04.2019	Special coaching for tough sub2
48.		03.04.2019	Special coaching for tough sub3
49.		04.04.2019	Special coaching for tough sub4
50.		08.04.2018	Last working as per Anna University

The first two weeks in each semester are allocated to conduct various career and personality development programmes for the students. Bridge courses are also conducted for the first year students before the commencement of first semester. It is ensured that the university prescribed duration of forty five hours for three credit courses and Sixty hours for four credit courses are allotted.

Sample Academic Calender

PERI INSTITUTE OF TECHNOLOGY Mannivakkam, Chennai - 600 048 Course : B.E. Odd Semester (2017 - 2018)												
Date	Day	September	No of Days	Date	Day	October	No of	Date	Day	November	No of Days	
1	Sun			1	Tue		1	1	Fri			
2	Mon	Krishna Jayanthi		2	Wed		2	2	Sat			
3	Tue		1	3	Thu		3	3	Sun		1	
4	Wed		2	4	Fri		4	4	Mon	Model2 -2M	2	
5	Thu		3	5	Sat		5	5	Tue	Model2 -2M	3	
6	Fri	IOT workshop	4	6	Sun		6	6	Wed	Model2 -2M	4	
7	Sat	IOT workshop	5	7	Mon		7	7	Thu	Model2 -2M	5	
8	Sun			8	Tue		8	8	Fri	Model2 -2M	6	
9	Mon		6	9	Wed	Coaching s1	9	9	Sat	Model2 -2M	7	
10	Tue	Muharram		10	Thu	Coaching s1	10	10	Sun			
11	Wed		7	11	Fri	Model1	11	11	Mon		8	
12	Thu		8	12	Sat		12	12	Tue		9	
13	Fri			13	Sun		13	13	Wed		10	
14	Sat			14	Mon	Coaching s2	14	14	Thu		11	
15	Sun			15	Tue	Coaching s2	15	15	Fri	Record sub	12	
16	Mon	CAT3	9	16	Wed	Model1	16	16	Sat	Record cor		
17	Tue	CAT3	10	17	Thu	Coaching s3	17	17	Sun			
18	Wed	CAT3	11	18	Fri	Coaching s3	18	18	Mon	AU practical	13	
19	Thu	CAT3	12	19	Sat	Model1	19	19	Tue	AU practical	14	
20	Fri	CAT3	13	20	Sun		20	20	Wed		15	
21	Sat	CAT3	14	21	Mon	Coaching s4	21	21	Thu		16	
22	Sun			22	Tue	Coaching s4	22	22	Fri		17	
23	Mon		15	23	Wed	Model1	23	23	Sat		18	
24	Tue		16	24	Thu	Coaching s5	24	24	Sun		19	
25	Wed		17	25	Fri	Coaching s5	25	25	Mon	study holiday	20	
26	Thu		18	26	Sat	Model1	26	26	Tue	study holiday	21	
27	Fri		19	27	Sun	Diwali	27	27	Wed	study holiday	22	
28	Sat			28	Mon		28	28	Thu	Theory exams	23	
29	Sun			29	Tue	Coaching s6	29	29	Fri		24	
30	Mon		20	30	Wed	Coaching s6	30	30	Sat		25	
				31	Thur	Model1	31	31	Sun		26	
Total Working days for September			20	Total Working days for October			22	Total Working days for November			22	

In addition, more lecture hours or tutorial hours are allotted for the courses with higher credits to fulfill the norms of the university. The total number of working days including training programs per semester is higher than the number of working days prescribed by the university.

Institution Academic Calendar Schedule

Semester	Commencement (In Month)	Last Working Day (In Month)	University Exam Commencement (In Month)
ODD	June/July	October/November	November/December
EVEN	December/January	April/May	May/June

Allotment of Courses and Preparation of Time Table

- In every semester, subject option form is circulated among the faculty members. The Head of the Department would conduct a meeting and subjects will be allotted to the faculty members based on their preferences.
- Based on the subject allocation, Department Academic Coordinator and Time Table Coordinator will prepare the Time Tables and individual time table.
- For the interdisciplinary subjects, Inter Office Memo (IOM) will be sent to other departments with a requisition to handle the interdisciplinary courses.

Assessment Tools

- In each semester, daily first hour tests, three continuous assessment tests and a model exam are scheduled. Daily test is conducted for 45 minutes. The Table 2.1 shows the details of various direct assessment tools and test portions

Table 2.1 Assessment Tools and Portions

Assessment Tools	Portions
Continuous Assessment Test 1	Units 1 and 2
Continuous Assessment Test 2	Units 3 and 4
Continuous Assessment Test 3	Unit 5
Model	Units 1, 2, 3, 4 and 5

There are eight periods of fifty minutes in each working day. Tutorial hour, Training and Placement hour, Seminar hour are also included in the time table to enhance the skills of students and self-learning. In addition, Value Added Courses are also conducted to enhance students' knowledge.

Step 2: Use of Various Collaborative Learning Methods and Pedagogical Initiatives

Pedagogical initiatives such as real world examples, collaborative learning is followed in the classes to improve the students' interest and knowledge in the specific course.

The following Pedagogical factors are used:

- Assignments
- Group Discussions
- Quiz
- Seminars
- Debate

The following Collaborative learning methodologies are used:

Students are given more technical knowledge by collaborative learning methods. At the completion of the course, students are specifically made placement ready by providing soft skill training, mock interview, group discussion, aptitude etc

- a. Student presentations: Students are encouraged to participate in seminars, workshops and symposiums conducted by other institutions where they learn advanced skills and collaborate with their peers from other institutions.
- b. Mini project: During the period of study in the 3rd to 8th semester, the students are motivated to do their mini project (beyond the syllabus) and Main Project based on recent findings in advanced research areas where they work as a group and learn team dynamics and acquire knowledge and experience too. They collaborate with faculty and present their project ideas in conferences, Symposiums and Project Contests conducted by various government and private institutions across the country.

Pedagogical Initiatives

The following teaching – learning methods are being used by the faculty for better content delivery.

- Simulation
- Animation
- You-tube videos and video lectures
- Online tests
- e-learning resources like NPTEL

The faculty members adopt various instructional methods to create a conducive learning environment for the students. These methodologies include chalk and talk, power-point presentations, hands-on training activities, etc. wherein various concepts are explained with illustrations if necessary, design and problematic aspects that provide real world experience.

i) Chalk and Talk

The chalk and talk is a conventional method of teaching, focuses on the delivery of the content using blackboard.

ii) Tutorials

The tutorials are helpful to enhance the intellectual skills of the students through ways like:

1. Solving more number of problems
2. Working out previous university question papers/GATE questions

iii) Multimedia Based Delivery

The multimedia-based delivery is helpful in illustration of ideas and concepts through

- Presentations
- Videos
- Simulations
- Animations

iv) Experimental and laboratory work

- Laboratory work demonstrates application of theoretical knowledge and can be verified by a variety of laboratory based investigation and experiments through interpretation of results.
- Experiments are normally done individually.

v) Activity based learning

The department supports innovative ways of outside-the-box thinking about teaching and learning with technology and encourages activity based learning for improvement of teaching-learning process.

Step 3: Methodologies to Support Weak Students**Academic Support**

The students who score less than fifty marks are given more attention through stay-back classes in the evenings and retest is conducted for the slow learners. The stayback classes are also conducted for the students who score less mark in the daily test conducted every morning. The solved study materials and assignments are also provided to the students through the iguru software application students' portal. In addition, important topics in each subject based on previous 5 years Anna University question papers are also discussed in the evening stayback classes. Special attention is given to the weak students during tutorial classes.

Home

LIST OF STAY BACK COMMUNICATIONS STAY BACK COMMUNICATE

SNo	Class	Date Of Communication	Comments	Reviewed by HOD
1	IV CSE B	18-Sep-2019	morning test questions are taught to the students;	Yes
2	II CSE A	04-Sep-2019	creating own exception program to the students	Yes
3	IV CSE B	04-Sep-2019	creating own exception program taught to the students	Yes
4	IV CSE B	30-Aug-2019	Incident response concept explained to the students	Yes
5	II CSE A	28-Aug-2019	morning test questions are taught to the students	Yes
6	II CSE A	21-Aug-2019	morning test questions are explained to the students	Yes
7	IV CSE A	30-Jul-2019	OGSA service discussed	No
8	IV CSE B	12-Jul-2019	2 questions are taught to the students and given them test	No
9	III CSE A	08-Jul-2019	Coaching on Spatial concepts	No
10	II CSE B	08-Jul-2019	Taught routines in CLL	No

Fig:Special class Communication

Hold Back List with History

Class Name : II CSE A Date : 28-Dec-2019 Hold Back Number : 33

S.No	Reg No	Student Name	Absent	Status	Details
1		S NARMADHA	Pending	ASSG - 1 - 19-Dec-2019 - Asymptotic notation,Fundamentals of algorithmic problem solving TEST - 1 - 19-Dec-2019 - Asymptotic notation,Fundamentals of algorithmic problem solving	
2	411518104001	B AAKASH	Pending	ASSG - 2 - 19-Dec-2019 - Asymptotic notation,Fundamentals of algorithmic problem solving ASSG - 2 - 20-Dec-2019 - Types of Operating System TEST - 2 - 19-Dec-2019 - Asymptotic notation,Fundamentals of algorithmic problem solving TEST - 2 - 20-Dec-2019 - Components of computer, Types of Os	
3	411518104004	N ADHARSH	Pending	ASSG - 1 - 19-Dec-2019 - Asymptotic notation,Fundamentals of algorithmic problem solving	

Close

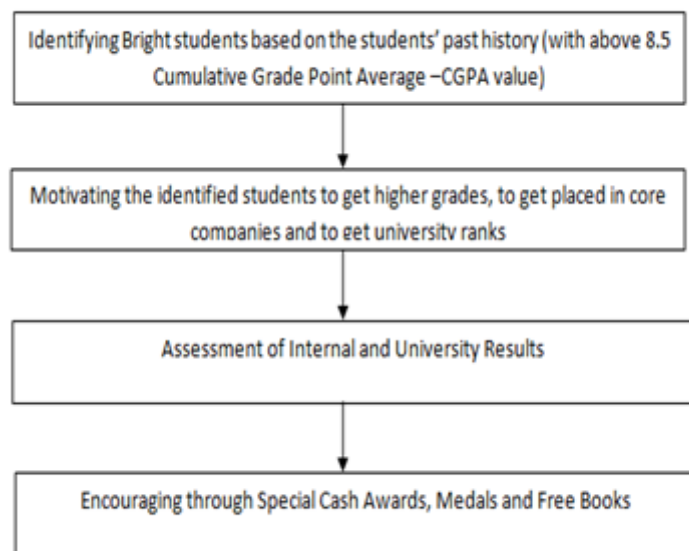
Counseling Methodology

Counseling sessions are conducted to motivate weak students with a notion that the session would give a personal improvement in them.

- The Head of Department nominates the Counseling Coordinator for each semester. The Counseling Coordinator allocates the students to the counselors who will have a direct contact with the students, analyze and devise various ways to upgrade the students.
- Each faculty member is allotted twenty counseling students to monitor the students' academic performance, discipline, attendance, co-curricular and extracurricular activities.
- Every Counselor maintains a counseling record for each student that provides the entire performance details of the student.
- Mentoring or Counseling is used to support or encourage students to learn by maximizing their potential and develop their skill which enables them to improve their performance in both academic and extracurricular activities.

Step 3: Methodologies to Encourage Bright Students

We identify the bright students in the following way.



The students with good academic performance and outstanding co-curricular activities are motivated in several ways. In the college day celebration, special cash awards are also given to the class toppers. In the Graduation day celebration, special cash awards and medals are given to the college toppers and Rank Holders. The students are encouraged to participate in other institutions' symposiums, seminars, workshops and conferences. The students are encouraged to conduct various events like TechTalks, Paper Presentations on the recent technical developments and technologies to exhibit their exposures and as eye opening sessions for the audience. The top students are given opportunities to take

internships and work on real time projects at reputed organizations like ISRO and NITTTR. Apart from this, Gifted and Talented students are identified and are encouraged and nurtured with ideas and suggestions to develop innovative projects of good quality and socially beneficial. The students who excel in sports are also motivated to participate in several events and are appreciated through medals, trophies and cash awards.

Step 5: Continuous Assessment in the Laboratory

1. The students are instructed to maintain an observation and record of all the exercises done in the laboratory.
2. The observations and records are evaluated on weekly basis.
3. The faculty maintains a record of scheduled experiments, completion dates of observation and records which helps in continuous monitoring and assessment of the students. This also aids in completing the laboratory course within the stipulated time period.
4. To evaluate course outcomes, model exams are conducted at the end of laboratory course.
5. The students understand the exercise done, including its purpose and results and discuss experimental protocols in a clear and precise manner.

Step 6: Students Feedback of Teaching Learning Process and Actions Taken

The feedback process supports with an opportunity to assess the strengths and weaknesses of teaching and learning process in the aspect of students. Students Feedback Analysis is done as below.

A. Feedback Analysis Process

Feedback collection is done in different ways. The first way is through class committee meeting and the second way is through iguru software application as online feedback system. Other methods such as Course end survey, Alumni Survey, Employer survey and Student Exit Survey are also adopted. In general the feedback is collected either through a meeting with representatives from each class or by means of a questionnaire from the students for all the courses they study.

1. Class Committee Meeting

Class committee meetings are conducted for each class twice in each semester. A faculty member (preferably not the subject faculty of that class) is appointed as chairperson and six student representatives from each class are appointed. The committee members are asked to give oral feedback about each subject faculty and it is recorded as minutes of the CC meeting.

The members of Class Committee Meeting are

1. Chairperson
2. Class Advisor
3. Faculty for handling the subjects
4. Student Representative

Initially circular is formed with agenda and circulated to faculty and students. On the day of meeting points concerning agenda to be discussed. Chair person will circulate the minutes of meeting to the subject in charges.



ODD SEMESTER 2018 - 2019
Class Committee Meeting Circular

Date: 10.07.18

Batch: B.E CSE (2017 - 2021)

Year/Sem/Sec: II / III / 'A'

Chairperson: Ms. J. Ranganayagi

H.O.D - Mrs. A. Revathi

The first class committee meeting for II year CSE 'A' for the academic year 2018-2019 (Odd semester) will be held on 12.07.18 at 11.00 A.M in Computer Lab-II in the presence of HOD of CSE, subject handling faculty members and selected students. All the members are requested to attend the meeting to improve the effectiveness of teaching-learning process.

Subject Handling Faculty Members:

Sl. No.	Subject Code	Subject Name	Staff Name	Signature
1.	MA8351	Discrete Mathematics	<u>Ms. Tamilmozhi</u>	
2.	CS8391	Data Structures	<u>Ms. Renuka</u>	
3.	CS8351	Digital Principles and System Design	<u>Mr. Ezhumalai</u>	
4.	CS8392	Object Oriented Programming	Mr. Richard Jim Reeves	
5.	EC8395	Communication Engineering	<u>Mr. Ashwin</u>	
6.	8381	Data Structures Lab	<u>Ms. Renuka</u>	
7.	8383	Object Oriented Programming Lab	Mr. Richard Jim Reeves	
8.	CS8382	Digital Systems Lab	<u>Mr. Somasekar / Mr. Magesh</u>	
9.	HSS381	Interpersonal Skills Listening and Speaking	<u>Mr. Chandru</u>	

Student Members:

S.No.	Student Name	Signature
1.	<u>Ramaprasad A</u>	

2	Gokul S	
3	Madam Veeksha Suresh	
4	Satish R	
5	Prasanna M	
6	Karimasa Teja Abhinav Kumar	

Chairperson

HOD-CSE

Principal

Fig:Class Committee Circular



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Class Committee Meeting

Batch: B.E CSE (2017 – 2021)

Year/Sem/Sec: II / III / 'A'

Chairperson: ~~Mr. J. Ranganayagi~~

H.O.D – ~~Mrs. A. Revathi~~

Attendance sheet for the Class committee meeting held on 12.07.18 at 11.00 A.M

Staff Members:

S.No	Staff Name	Signature
1	Mr. Tamilmozhi	
2	Mr. Kousha	
3	Mr. Lakshmanai	
4	Mr. Richard Jim Reeves	
5	Mr. Ashwin	
6	Mr. Sureshbabu Mr. Magan	
7	Mr. Chandru	

Student Members

S.No	Student Name	Signature
1	Harshitha A	
2	Ujain S	
3	Medan Venkata Sreenidha	
4	Sadhana K	
5	Prasanth M	
6	Kanishka Teja Ashwin Kumar	

Chairperson

HOD-CSE

Principal



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Class Committee Meeting

Class Committee Meeting - Odd Semester 2018 - 2019 - Circular

Date: 10.11.18

Batch: B.E CSE (2017 - 2021)

Year/Sem/Sec: II / III / 'B'

Chairperson: Ms.P.Kalaiselvi

H.O.D - Mrs.A.Revathi

The Third class committee meeting for II year CSE 'B' for the academic year 2018-2019 (Odd semester) will be held on 12.11.18 at 11.15 A.M in computer Lab-II in the presence of HOD of CSE, Subject handling faculty members and selected students. All the members are requested to attend the meeting to improve the effectiveness of teaching learning process.

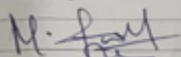
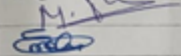
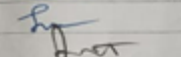
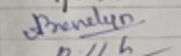
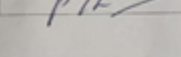
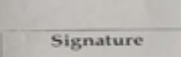
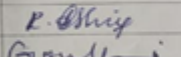
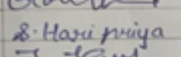
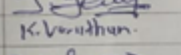
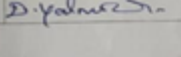
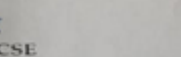
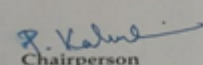
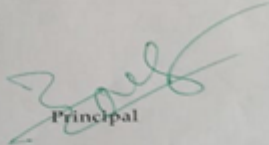
Staff Members:

S. No	Subject code	Subject Name	Staff Name	Signature
1	MA8351	Discrete Mathematics	Ms.Tamilmozhi	
2	CS8391	Data Structures	Ms.Renuka	
3	CS8351	Digital Principles and System Design	Mr.Ezhumalai	
4	CS8392	Object Oriented Programming	Mr. Richard Jimreeves	
5	EC8395	Communication Engineering	Mr.Shanmugavel	
6	CS8381	Data Structures Lab	Ms.Renuka	
7	CS8383	Object Oriented Programming Lab	Mr. Richard Jimreeves	
8	CS8382	Digital Systems Lab	Mr. Kannadhasan / Ms.Abisha	
9	HS8381	Interpersonal Skills/Listening and Speaking	Mr.Chandru	

Student Members

S.No	Student Name	Signature
1	Abhinav R	
2	Gowthami U	
3	Hari priya S	
4	Jameer syed ibrahim J	
5	Vasanthan K	
6	Yalmozhi D	



PERI INSTITUTE OF TECHNOLOGY		DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Class Committee Meeting	
Attendance sheet for the Class committee meeting held on 12.11.18 at 11.15 A.M			
Batch: B.E CSE (2017 - 2021)		Year/Sem/Sec: II / III / 'B'	
Chairperson: Ms.P.Kalaiselvi		H.O.D - Mrs.A.Revathi	
Staff Members:			
S. No	Staff Name	Signature	
1	Ms.Tamilmozhi		
2	Ms.Renuka		
3	Mr.Ezhumalai		
4	Mr. Richard Jimreeves		
5	Mr.Shanmugavel		
6	Mr. Kannadhasan / Ms. Abisha		
7	Mr.Chandru		
Student Members			
S.No	Student Name	Signature	
1	Abhinav R		
2	Gowthami U		
3	Hari priya S		
4	Jameer syed ibrahim J		
5	Vasanthan K		
6	Yalmozhi D		
 Chairperson		 HOD-CSE	
		 Principal	

Action Taken

The necessary corrective action is taken by the Head of the Department based on the feedback given. The corrective action such as an advice through Head of the Department will be given for improving the teaching ability of the faculty members. Apart from this class audits are performed periodically by the Head of the Department to guide the faculty members those who have a lack in their performance. The audit remarks are updated in the iguru software for reference.

2. Online Feedback

The online feedback is taken once in a semester. It is taken from all the students for each subject in the semester. The feedback software rates each faculty member's performance based on the questionnaire.

Action Taken

The corrective actions will be taken by the Head of the Department for those who have not secured the minimum bench mark of 7.5 out of 10. Based on feedback and performance in the university result of the faculty members, HOD suggests them for sending to training if required.

2.2.2 Quality of internal semester Question papers, Assignments and Evaluation (20)

Institute Marks : 20.00

Examination process aims at measuring the degree of knowledge assimilated by the students during a course of study or training imparted to them. Assessment and evaluation are the major tools to verify the attainment of POs and PSOs of the curriculum. To measure the attainment of POs and PSOs, three internal assessment tests namely 'Continuous Assessment Test1, Test2 & Test3 (CAT1, CAT2 & CAT3)' and model exam are conducted in a centralized manner adhering to the academic calendar

In order to achieve the quality in conducting the continuous assessments, a department CAT Examination coordinator along with one faculty member is formed. CAT Coordinator will prepare Exam Time Table, , Deadline for Question paper submission, Preparation of seating plan, Invigilation duty and Question Paper template , Allotment of invigilation duty, distribution of Question paper & answer books, collection of answer books, Deadline for

paper evaluation and Deadline for mark distribution to the HOD. Individual members will be responsible for each 'time-bound' activity and shall monitor the progress.

Implementation

Procedure to Prepare the Internal Question Paper

The Question paper for the Continuous assessment Test is prepared by the subject handling faculty and it is verified by the HOD so that the quality of question paper is ensured. Question papers are prepared in such a way that all questions in the question paper should appropriate to meet the Course Outcomes and develop students' critical thinking skills.

Question papers are prepared to satisfy the following:

- Questions are appropriate and adequate to check the attainment of course outcomes.
- Questions are prepared based on the Blooms taxonomy.
- Questions may require memory recall or direct application of text book material to answer them.
- For some of the questions, the solutions can be arrived by applying basic course knowledge.

- Question papers are prepared based on the previous five years Anna University Question Papers.

Sample Circular for CAT



Sample Question Paper Template

PERI

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CAT I: AUGUST 2018

SUB CODE-NAME

Year Sem		Date	08.2018
Class Section		Duration	3 Hour
Faculty		Max Marks	100

Answer ALL Questions

Part - A ($10 \times 2 = 20$)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Part-B ($5 \times 11 = 55$)

11. A) Or
- B)
12. A) OR
- B)
13. A) OR
- B)
14. A) OR
- B)
15. A) OR
- B)

Part-C ($1 \times 15 = 15$)

16. A) OR
- B)

Assignments:

The following types of assignments are given to the students to make them attain the Course Outcomes of the programme.

- a. Writing Essays on the topics given in syllabus.
- b. Solving questions taken from the exercises in text books.
- c. Solving problems from the previous Anna university question papers.

Evaluation of the Answer Scripts

After each Continuous Assessment Test, the subject handling faculty evaluates the answer scripts within 3 days and prepares reports to analyze the learning level of the students to attain the Cos. The evaluated answer scripts are randomly checked and verified by the HOD. Sample answer sheets (best, good and average) are maintained in the course file as evidence. The evaluated answer scripts of examinations are handed over to the students after evaluation to point out the discrepancies, if any to the notice of the concerned teacher and the necessary correction are carried out. CAT marks and attendance are communicated to the parents either through SMS or during Parents-Teachers meeting. The marks scored by each student is entered in an excel sheet and analyzed.

RESULT ANALYSIS

Minimum Pass Mark: 50

Date of test: 18.01.2018

Description	(Poor& Failed Students)	50 – 60 (Average Students)	61 – 80 (Fair Students)	81 – 100 (Bright Students)
No. of Students	1	13	22	3

Roll Number and Name of Failed and Poor Students:

Highlight repeated failures referring to previous test:

Root Cause for the Failed & Poor Students: (Analyze student wise for good result) – Add additional sheets if required

Why 1? : Weak in sentence formation

Why 2? : They are not following the standard books

Why 3? : Slow learners

Corrective Action for the Failed & Poor Students: (Attach separate sheet, if required)

Roll no. of improved student performance when compared to previous test:

Subject In-charge

Head of the Department

2.2.3 Quality of student projects (25)

Institute Marks

2.2.3. Quality of Student Projects

The conduct of project is monitored by Project Monitoring Committee (PMC) which is initiated in VII semester although Anna University recommends the initiation of end semester

project from VIII semester onwards. Project hour has to be allotted in time table of VII semester, per week one period can be given. It is the carry forward process, project coordinator can be allotted taking into account of VIII semester (same coordinator has to continue for VIII semester).

Process related to project identification, allotment, continuous monitoring and evaluation

Students of final year are divided into various groups to carry out the project work. The identification of projects and allotment is carried out through a formal circular by Project coordinator/HOD. The specialization areas of respective faculty with their area of interest is collected which will then be considered for allocation of research topic and Student groups. Preliminary discussion between the batch of students and faculty is held to decide on the following aspects of project work: Suitable and appropriate problem of research, Objectives of the study, Methodology to be employed, Data collection to be made, Prospective analysis and interpretation of data, Expected conclusions and Scope for further study. This will finally decide on the Preparation of a Project report and Qualities of a researcher. Every project supervisor is allotted a group of students who will be guided by him until the project work is completed. This will be monitored and ratified by Project coordinator/HOD.

Schedule	Work plan
First week	Project Orientation by Project coordinator
Second week	Domain description by Project coordinator
Third week	Team formation(Maximum of 4 members)
Fourth week	Guide allocation based on the specialization (Arrangement for display of staff with specialization)
Fifth week	Presentation regarding domain related ongoing activities by the project students. (About proposed projects)
Sixth week	Collection of literature papers (Conference + Journal) - Atleast 20 papers (Hard copies)
Seventh week	Survey activities
Eighth week	Problem identification

Ninth week	Title Confirmation
Tenth week	Zeroth review presentation+ Literature survey report submission

Quality of Student Projects

The department publishes the rules and guidelines for the project identification as given below:

1. The project should have at least one IEEE reference.
2. Maximum of three members is allowed in a batch.
3. Preferably the project should have both hardware and software components.
4. The project students should meet their guide regularly and carry out the project work.
5. The project should be in terms of consideration to the factors including real life problems, socially relevant, environment safety, ethics, cost, type (application, pro research, review) and standards.
6. Each project should have a demonstration of working prototypes and enhancing the relevance of projects.
7. The project report, as per Anna University specified format, should be submitted after completion of the project.
8. The maximum time allotted to complete the project work is one semester for main project and two months for mini project.

The students should attend all the project reviews and present their ideas with the help of PPTs.

Process for Monitoring and Evaluating the Quality of Projects

Two Expert members will be nominated for the smooth conduct of review. Expert members should not be changed under any circumstances. At the end of VII semester team has to submit the literature survey report along with the bonafide certificate. (Refer :Anna University UG thesis report-Front page, Bonafide certificate, Table of Contents-Introduction, Literature Survey(Content, Advantage, Disadvantage, Conclusion) Guide should be present for all the review. Project coordinator is to monitor the ongoing process.

Plan and Description of activities for VIII semester are listed below.

Schedule	Work plan
First week	Review-Outline of Project work
Third week	Report-First Chapter submission
Sixth Week	Review-Description of Project work
Final Review	Report submission-Second and Third Chapter Submission
Tenth week	Report-Submission-Comprised of full work.

All the scheduled work must be maintained in project diary (will be given by the department) and acknowledged by the project guide.

Summary of review to be submitted by the project coordinator:

Project Review Form

Rev No	Reg.No	Date	Time	Comments	Guide Mark (50)					RPM Marks (50)					TOTAL (100)	Academic 2017- Project R Form
					On time submission (5)	Regular in meeting guide (10)	Report (5)	Presentation (20)	Technical Content Sign (10)	Report (10)	Overall presentation (15)	Sign	Report (10)	Overall presentation (15)		
1																
2																
3																
4																
Final																

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PROJECT REVIEW FORM

GROUP ID
14

STUDENT'S NAME & REGISTER NO: D. CAROLINE 4115104001 R. DIVYA 4115104002

NAME OF THE INTERNAL GUIDE: MS. REVATHY

REVIEW PANEL MEMBERS (RPMs): MS. Varalakshmi, MS. Renuka

PROJECT TITLE: A Secure Cloud Based web application against DoS/DDoS attack with image authentication & convincing the techniques.

Rev No	Date	Comments	Guide Mark (60)					RPM Marks (40)						TOTAL (100)	
			On time submission (5)	Regular in meeting guide (20)	Report (5)	Presentation (20)	Technical Content (10)	Sign	Report (5)	Overall presentation (15)	Sign	Report (5)	Overall presentation (15)		Sign
0	28/1/18	Has to specify the configuration clearly.	5	20	3	15	5	2	5	14	14	5	13	14	85
1	29/1/18	Need to enhance architectural diagram.	5	20	4	16	5	2	5	15	14	5	12	14	87
2	4/2/18	Data flow diagram should be correctly drawn.	5	20	4	16	7	2	5	13	14	5	14	14	89
3	15/2/18	Technical detail not explained well.	5	20	3	11	6	2	5	15	14	5	15	14	85
4															

GUIDE SIGN: [Signature] HOD SIGN: [Signature]

Academic Year 2018-19 Project Review Form

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PROJECT REVIEW FORM

BATCH NO
01

STUDENT'S NAME & REGISTER NO: M. ABILA 4115104001, T. ANGELINE 4115104001, B. PANTHERA 4115104001

NAME OF THE INTERNAL GUIDE: D. DHINAKARAN

REVIEW PANEL MEMBERS (RPMs): Mr. Richard Jim Reeves, Mr. Nageshwaran

PROJECT TITLE: SECURITY FACILE AS A SERVICE CACHE VIA DENISABLE KP-ABE

Rev No	Reg. No	Date	Time	Comments	Guide Mark (50)					RPM Marks (50)						TOTAL (100)
					On time submission (5)	Regular in meeting guide (10)	Report (5)	Presentation (20)	Technical Content (10)	Sign	Report (10)	Overall presentation (15)	Sign	Report (10)	Overall presentation (15)	
1	<u>4115104001</u>	<u>28/1/18</u>	<u>11:15 am</u>	<u>Papers gathered properly</u>	5	10	5	15	5		07	12	16	08	13	80
	5				10	5	15	5		6	11	7	12	14	78	
	5				10	5	15	5		8	13	6	11	14	83	
2	<u>4115104001</u>	<u>28/1/18</u>	<u>2:00 pm</u>	<u>Papers Reviewed & ok</u>	5	10	5	15	10		8	11	7	12	14	89
	5				10	5	15	10		9	13	9	13	14	89	
	5				10	5	15	10		8	12	8	10	14	83	
3	<u>4115104001</u>	<u>01/2/18</u>	<u>2:30 pm</u>	<u>Papers - Printed</u>	5	10	5	15	10		7	14	10	14	14	97
	5				10	5	15	10		9	14	10	14	14	97	
	5				10	5	15	10		9	14	10	14	14	97	

V. K. [Signature] PROJECT COORDINATOR HOD: [Signature]

The progress of project is periodically monitored by a review committee headed by HOD and project coordinator. They duly assessed the work and pass on their critical comments regarding the project. Their comments are acted upon by the students under the supervision of the project guide. Marks are awarded for every review. The reviews are three. Marks awarded for all the three reviews form part of internal assessment of project work. This includes the following aspects and orientation:

- Innovation
- Originality
- Social Impact and relevance
- Environmental safety and Ethics

The evaluation is carried out to assess both individual and team performance. The team Performance is gauged on the following aspects:

- The final setup of the project report
- The depth of Literature review covered
- The methodology adopted
- The analysis carried out and presented
- The discussion culminating in conclusions and the new impacts at the end of the project work with scope for further study.

The individual performance evaluation is made on the following observations:

- The style of presentation
- Ability to answer the questions
- Depth of understanding of the problem
- Individual contribution to data collection and analysis of the problem proper.
- Demonstration of the work by way of presenting models and other innovative ways of expression.

Attainment of POs and PSOs through the Projects for the Academic Year 2017-18

BATCH NO	REGISTER NO	STUDENT NAME	DOMAIN	PROJECT TITLE	Classification of Project	Relevance's to POs and PSOs
1	411514104073	SAHEED AHAMED A	Cloud Computing	Cloud computing adaptive framework	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104049	MANOJ KUMAR R				
	411514104001	AJAY V				
2	411514104043	LOKESHWARAN R	Cloud computing	Provides Security in Cloud using	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104103	VINOTH KUMAR S				

	411514104002	AJITH KUMAR		Multicloud & Slicing Algorithm		
3	411514104004	AKASH REVANTH A P	Android	SemanticSLAM:Using environment landmarks for unsupervised indoor localization	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104032	JOSHUA SAMEUL I				
	411514104029	JAGATH KUPPUSWAMY S				
4	411514104005	AKSHAYA G	Secure Computing	SALT-Secure android location tracking	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104053	MONICA M				
5	411514104006	ANANTHI P	Mobile Computing	Vanet security using new greedy behaviour approach	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104302	RUBAVATHY B				
6	411514104007	ANANTHI T S	Security	An secure cloud based web application to prevent clone attack using discrete wavelet transform & java static watermarking	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104044	MADHUMATHI R M				
	411514104081	SHANMUGA SUNDARI S				
7	411514104008	ANUPRIYA M	Cloud Computing	Trusted a cloud authority controlled by federated cloud	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104078	SELLIPRIYANGA C				
8	411514104009	ARUN S	Data Mining	Employee performance workflow minning in clouds	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104015	BENJAMIN P				
	411514104054	NANDHAGOPAL N				
9	411514104010	ARUN V	Android app ,Data analytics with datamining	Review Based Business intellgient application on food industry using sentiment analysis and data mining	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104038	KERTHIVASAN T S				
	411514104050	MARIA CHRISTHU RAJAN A				
10	411514014011	ASHWIN G	Android application	Security based system using moblie applications	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104019	DHAMODAREN S				
	411514104100	VINOTH N				

11	411514104012	ASHWITHA S	Cloud Computing	Cryptographic implementation of aggregate-key encryption for data sharing in cloud storage	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104072	ROSAN BENAZIR M				
12	411514104013	ATSHAYA CHELLA SOWPARNIKA P	Big Data	Achieving Deduplication across different domain of big data in cloud Ensuring efficiency and privacy	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104020	DHANALAKSHMI G				
13	411514104016	BHUVANESWARY V K	Industrial informatics and Data mining under web services	Flick fortune-extensive data analysis and probabilistic prediction using datamining approach	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104106	YAMUNA RANI P				
14	411514104017	CAROLINE D	Cloud and Network security	A secure cloud based web application against Pollution attack and convincing file techniques	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104023	DIVYA R				
15	411514104018	DAMODAREN K	Digital image processing stegnography	Cryptoimage:efficient cryptosystem for data hiding in high dynamic range images	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104026	GOKUL S				
	411514104035	KARTHIK C S				
16	411514104039	KEVIN JOSHUA A	IOT	Implementation of smart shopping system using IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104021	DINESH				
	411514104301	NAVEEN KUMAR V				
17	411514104024	DIVYA PRIYA K	Big Data	End to End Schedulability tests	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

				for multiprocessor to design: patterns building effective algorithms		
	411514104037	KAVITHA S				
18	411514104027	GOWTHAM R	Android, Image processing	An effective password authentication system using image with smart way of password recovery in support for wise banking services	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104076	SARAN R				
	411514104030	JEEVA M				
19	411514104028	HEMALATHA S	Data analytics,Big data	Analysis of disease from multiple healthcare data by using HL7 message on HDFS	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104033	JUVI RAJU				
	411514104067	PRIYANKA J				
20	411514104046	MAHIBALA.K	Information security	XSS in online social networks attacks and counter measures	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104031	JEYAVARADHAN V K				
21	411514104034	KABILA P	Data minning and Cloud	Pioneering Multiple Genomic and Proteomic Data using MIRNA and Transcription Factor for Gene Disease Identification	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104040	KODEESWARI L K				
22	411514104036	KARTHIKEYAN K	Network Security	Service cloud communication using encryption standards	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104097	VIGENSH BALAJI V R				
	411514104042	KRISHNA D				
23	411514104041	KOUSALYA T	Cloud computing and Network security	Biometric Authentication for Cloud service	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

	411514104083	SOWMIYA S		provider with multiple cloud storage system		
24	411514104045	MAHESWARAN R	Network security	Survilence traffic controler	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104047	MANIMARAN M				
25	411514104082	SUJATHA P	Cloud Computing	Providing restriction against attack and congestion control in public infrastructure cloud	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104059	NOUSHEEN R				
	411514104080	SHANMUGA PRIYA A				
26	411514104060	OM DURGA O	Big Data	Prognosticating the driver stress level	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104068	RAFANA				
	411514104104	VISHALI N T				
27	411514104061	PRASAD S	Cloud Computing	Creating secured clouds by continuous auditing and providing certification	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104062	PRASANNA G				
	411514104065	PRAVEEN M				
28	411514104063	M S PRASANNA	Mobile Computing	Building a robust authentication system and questions for fallback authentication	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104069	RAJESH KANNA S				
	411514104095	VIGNESH K				
29	411514104066	PRAVEEN KUMAR M	Cloud Computing	Deadline Based ResourceProvisioning and Scheduling Algorithm for Scientific Workflows on Clouds	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104098	VIGNESHWARAN K				
	411514104085	SRINIVASAN R				
30	411514104070	RAKESH M	Data analytics, Machine learning	Cancer diagnosis using medical records	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104093	UDAYA SURIYAN K				
	411514104092	VAMSI KRISHNA.T				
	411514104099	VIMAL D				
31	411514104075	SANJAYKUMAR C	Information Security	DDOS Detection and mitigation on	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104102	VINOTH KUMAR P				

	411514104107	YESHWANTH N		websites using http flood		
32	411514104077	SARANYA G B	Data Mining	Recommender system for research studies using graph based article ranking	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104091	SWATHI S				
33	411514104101	VINOTHINI P	Data mining, Web mining	Real time junk observation & characteristics analysis in twitter	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104079	SELVARANI S				
34	411514104086	SRIRAM M	Remote sensing	Student Geographical Information System	ISRO	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104090	SURENDAR M				
	411514104087	SUDHARSAN T R				
	411514104051	MOHAMED WASEEM EBRAHIM N				
35	411514104084	SREE AADITYA J S	Mobile Computing	Preserving the location and seamless data distribution in mobile environment	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411514104094	VENKATACHALAPATHY K				
	411514104105	VISHNU V				
36	411514104096	VIGNESH.S	Mobile, Cloud computing	Secure data dissemination & management in mobile cloud computing	InHouse	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

Attainment of POs and PSOs through the Projects for the Academic Year 2018-19

BATCH NO	REGISTER NO	STUDENT NAME	DOMAIN	PROJECT TITLE	Classification of Project	Relevance's to POs and PSOs
1	411515104007	ANGELINE.T	DATA MINING	FURNISHING MULTI SOURCE DATA ABOUT PUBLIC SUPPOSITION AND ACTIVITIES FOR INFORMED DESIGN	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1, PSO
	411515104057	PAVITHRA.B				
	411515104001	ABILA.M				

2	411515104002	ADARSH.R	CLOUD	EFFICIENT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104115	VIJAYA KUMAR.M	COMPUTING	RETRIEVAL FROM CLOUD STORAGE		
	411515104089	SABAREESH				
3	411515104003	AJAY SURVE.C	IOT	FISHERMAN BORDER SECURITY USING IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104022	GALI MADHAN KUMAR.				
	411515104016	DHARMESH.M				
4	411515104105	TAMILARASAN.S	IOT	Vehicle controlled through mobileapplication (or) PC0.	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104004	AKASH.K				
	411515104103	SURYA.T				
5	411515104020	DINESH.P	CLOUD COMPUTING	Property retrival from cloud storage	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104005	AKASH.R				
	411515104017	DHARSHAN.D				
7	411515104088	SAVEETHA.R	MACHINE LEARNING	TO ANALYSING THE DETECTION OF PARKINSON DISEASES WITH MORE ACCURACY USING MACHINE LEARNING	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104008	ANUMITHA.M				
	411515104116	VIJAYA LAKSHMI.M				
8	411515104023	GEETHA.R	MACHINE LEARNING	LIVER AND HEART DISEASE PREDICTION	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO9,PO10,PO11,PSO1,PSO2
	411515104010	ARUNA.A				
	411515104093	SINDHUJA.N				
9	411515104024	GEETHANJALI.V	MACHINE LEARNINGGG	INDIAN AIR QUALITY ANALYSIS AND PREDICTION USING MACHINE LLARNING	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104012	BALAYOGASHREE.G				
	411515104050	MOHAN.K				
10	411515104047	MANI KANDAN.V	DATA ANALYTICS	ANALYSIS BRAINWAVES TO ACCESS STOKE POSSIBILITY	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104013	BUVANESH.C.I				
	411515104084	SARAN RAJ.S				
11	411515104014	DEEPAK.K	CLOUD COMPUTING	AN EFFICIENT RANKED MULTI	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

	411515104060	PRAKASH .C		KEYWORD SEARCH FOR MULTIPLE DATA OWNERS OVER ENCRYPTED CLOUD DATA		
	411515104054	SHASHANKA KOUSTHUBH.N.V.S				
12	411515104066	PREM VIGNESH.R	CLOUD COMPUTING	A BLOCK CHAIN BASED ACCESS CONTROL FOR CLOUD STORAGE	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:
	411515104015	DEVA RAJAN.E				
	411515104044	LOKESH.N.K				
13	411515104037	KOWSALYA.R	IOT	INTELLECTUAL AUTOMOBILE DOCUMENT VERIFICATION BY BARCODE GENERATION USING IOT	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:
	411515104018	DHEEPIKA.R				
	411515104035	KEERTHIKA.S				
14	411515104108	THULASI DASS.N	IOT	UNKNOWN AUTHENTICATION SCHEME FOR SMART CLOUD BASED HEALTH CARE APPLICATION	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:
	411515104086	SARATH.S				
	411515104019	DINESH.K				
15	411515104117	VINODHINI.M	DATA MINING	STOCK MAINTAINANCE PREDICTION USING ARTIFICIAL NEURAL NETWORKS	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:
	411515104301	PREETHI.K				
	411515104025	HANUMESH PRIYA.M				
16	411515104032	KARTHIK RAJA.V	AI	VISION BASED OBJECT,GESTURE AND SPEECH RECOGNITION USING AI	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:
	411515104026	HARISH.V				
	411515104028	JOHN BETSON.J				
17	411515104045	MADHUMITHA.V	IMAGE PROCESSING	EFFICIENT METHOD FOR ENCRYPTION	ISRO	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO:

	411515104058	PAVITHRA.R		OF SELECTIVE ZONES OF REMOTE SENSING IMAGES FOR SHARING TO CLIENTS ACROSS THE NETWORK		
	411515104027	JASMINE.A				
18	411515104029	JOSEPH NAVEEN KUMAR.S	VANET	PRIORITY QUEUE BASED MECHANISM IN VANET	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104102	SURESH JUSTIN.S				
	411515104099	SAI GANGULY.T.P				
19	411515104083	SANTHOSH KUMAR.J	IOT	Smart vehicle controller	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104091	SHARATH KUMAR.L.R				
	411515104031	KARTHIKEYAN.P				
20	411515104048	MARIA ROGER KALVIN	DEEP LEARNING	SENTIMENTAL ANALYSIS OF FOOD PRODUCTS USING DEEP EMBEDDING AND INCREMENTAL LEARNING	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104033	KAVIN.C				
	411515104039	KUMARAVEL.V				
21	411515104061	PRASANTH.P	BIG DATA	IMPLEMENTATION OF K-MEANS CLUSTERING IN MESSAGING SERVICE USING HADOOP	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104041	LIPIYAN.K				
	411515104036	KEIRON PRANAB.T				
22	411515104038	KOWSALYA.V	DATA ANALYTICS	ENROOTING AND DOWNSIZING THE DUMB YARD USING DATA ANALYTICS TECHNIQUE	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104100	SUBALAKSHMI.M				
	411515104075	ROSELINE.Y				
23	411515104112	VENKAT PRASAD.S	CLOUD COMPUTING	SECURED BIOMETRIC DATA IN CLOUD	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PSO1,PSO2
	411515104040	LINGESH.S				
	411515104049	MOHAMMED ANSARI.R				
24	411515104059	PRADHAKSHNA.B	NEURAL	DETECTION OF	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

	411515104046	MAHESWARI.M	NETWORK & DEEP LEARNING	PNEUMONIA FLUID FILLED AIR SAC LOBULES USING NEURAL NETWORK		
	411515104113	VIDDYA.R				
25	411515104097	SRI LAKSHMIJA .R	ANDROID APP	THE ANDROID APP TO ALERT PEOPLE AND FIRESTATION VIA NOTIFICATION	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104104	SWAPNA.K				
	411515104052	MONIKA.P.M				
26	411515104056	NIVETHA.R.S	DATA MINING	PRIVACY CHARACTERIZATION AND QUANTIFICATION IN DATA PUBLISHING	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104085	SARANYA.L				
27	411515104073	RANJITH.R	MACHINE LEARNING	TWITTER PRODUCT SENTIMENT ANALYSIS USING MACHINE LEARNING ALGORITHM	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104070	PUNEETH.H				
	411515104062	PRAVEEN.M				
28	411515104092	SHRIHARI.P	IOT	MODULAR SYSTEM FOR CUSTOMIZED AUTOMATION	InHouse	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104075	RONALD LANTON				
	411515104063	PRAVEEN RAJ.M				
29	411515104082	SANTHOSH.P	IOT	REAL TIME ENTRANCE AND SECURITY BASED ON IOT TRAINEE	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104110	UDAY KIRAN.B				
	411515104064	PRAVEEN RAJ.C				
30	411515104065	PREETHI.T	WEB SERVICE	INFORMATION MANAGEMENT SYSTEM USING ASP.NET	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411515104067	PRIYA.S				
	411515104114	VIDHYA SRI.A				
	411515104071	RAMYA.R				

31	411515104068	PRIYANGA.S	BIG DATA	CHARACTERIZING	Inhouse	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,
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				AND PREDICTING EARLY REVIEWERS FOR EFFECTIVE PRODUCT MARKETING ON E- COMMERCE WEBSITES		
32	411515104069	PRIYANKA.P	NETWORK SECURITY	IP SPOOFING	Application	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,PO11,PSO1,PSO
	411515104101	SUJATHA.S		ATTACK DETECTION		
	411515104095	SNEHA.D		AND ITS RECOVERY		
33	411515104119	YOGESHWARAN.S	IMAGE PROCESSING	ANIMAL INTRUSION	Application	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,PO11,PSO1,PSO
	411515104118	YESHWANTH.S		DETECTION SYSTEM IN		
	411515104072	RANJITH.D		FARM/FOREST CORRIDOR AREAS		
34	411515104077	ROSHINE.E	PHP & MY SQL	ONLINE BILLING MANAGEMENT SYSTEM	Application	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,PO11,PSO1,PSO
	411515104079	SANGEETHA.I				
	411515104080	SANGEETHA.S.R				
35	411515104107	THANIGAIVASAN.S	DATA MINING	TOTAL ACCIDENT AVOIDANCE BY USING DATA MINING	Application	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,PO11,PSO1,PSO
	411515104081	SANTHOSH.M				
	411515104106	THANGARAMANUJAN.K				
36	411515104089	SHAJI.S	CLOUD COMPUTING	CAPALE LANGUAGE	Application	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,PO11,PSO1,PSO
	411515104090	SHAMKUMAR.R		SEARCH FOR		
	411515104094	SIVAKUMAR.S		SECURE CLOUD STORAGE		

Attainment of POs and PSOs through the Projects for the Academic Year 2016-17

BatchNo.	Reg No	Name of the Students	Project Domain	Project Title	Classification of project	Relevance's to POs and PSOs
1	411513104001	Aaron.S	IoT	An Intelligent Universal	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2

	411513104017	Harishkumar.R		Remote Control System for Home Appliances		
	411513104308	Venkata raaman.S				
2	411513104002	Abharna.T	Cloud Computing	A Novel File Hierarchy Based E-Health System With Clinical Document Architecture and Attribute Based Encryption	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11,PSO1,PSO2
	411513104014	Divya.R				
	411513104022	Kavitha.G				
3	411513104003	Anandaselvi.S	Network Security	Efficient Data Transfer by Multiple Servers Using iTRUST	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104009	Ayshwarya.A				
	411513104010	Bhuvaneshwari.S				
4	411513104004	Ananthaeswar.R	Andriod App Development	Smart Detective Application For Human Security Using Mobile Device	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104026	Navinkumar.V				
	411513104048	Vignesh.R				
5	411513104005	Ando Lawrence.D	Andriod App Development	Android Application For College Management Detection of	Application	PO1,PO2,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104006	Anguraj.P				
	411513104305	Samuel.A				
6	411513104007	Arunkumar.M	Cloud Computing	Stealthy DDOS Attack in Cloud Computing Infrastructure	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104008	Ashwin.R				
	411513104039	Srinath.S				

7	411513104011	Dinesh.D	Network Security	Vulnerability Scanning of Web Server Zoho	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PSO1,PSO2
	411513104043	Tamaraiselvam.M				
	411513104049	Vignesh.U				
8	411513104012	Dinesh kumar.B	Web Technology	Campaign Integration withWistia	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO8,PO9,PO10,PO11,PSO1,PSO2
9	411513104013	Dineshwaran.R	Cloud Computing	Secure Data Transmission Using Encryption in Cloud Computing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PSO1,PSO2
	411513104035	Saiprasanth.D				
	411513104036	Sakthivel.S				
10	411513104016	Gnanapriya.V	Cloud Computing	Secure Password Strength Calculation Based on Quantitative Empirical Analysis in Online Shopping Finger Vein	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PSO1,PSO2
	411513104034	Roothmary.T				
	411513104038	Shreemathi.K				
11	411513104018	Janani.T	Image Processing	Extraction and Authentication for Security Purposes	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PSO1,PSO2
	411513104029	Parvathavarthini.N				
	411513104041	Sruthilaya.B				

12	411513104019	Kamesh.L	Web Technology	Implementation of WHMCS in	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PSO1,PSO2
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				Linux cPanel for CMS Maintaining Packages		
13	411513104021	Kavibharathi.N	Cloud Computing	Allocation Of Secured Data In Multiple Cloud	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9, PO10,PO11,PSO1,PSO2
	411513104032	Raghul.G				
14	411513104023	Lokesh Chandra Prashant.A	Image Processing	Routine Scrutiny of Multimedia Recovery Using Image Processing	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104031	Prasanth.R				
	411513104050	Vigneswaran.K				
15	411513104024	Mahalakshmi.S.P	Cloud Computing	Recital Estimate of Cloud Computing Hub with Broad Spectrum Influx and Examine	Application	PO1,PO2,PO3,PO4,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104025	Monica Priyadarshini.K				
	411513104044	Tharageswari.S.G				
16	411513104027	Nithin Shyam	Generic	Graphical User Interface for Nuclear Reactor Core Temperature Monitoring	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
17	411513104028	Nivethitha.V	Big Data	Personalised Travelogue Design from Geo-Tagged	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	411513104030	Pavithra.V				

	411513104051	Vishnu Priya.M		Photos with Collaboration Filter		
18	411513104040	Srivathsan.J	Data Mining	Gene Ontology using MOAL Algorithm	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
19	411513104042	Swathi.S	System Software	Developing An OS for Advanced Aircraft Landing System	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO10,PO11,PSO1,PSO2
	411513104045	Thenammai.S				
	411513104046	Vaishali.P				
	411513104701	Vimala.S				
20	411513104302	Manikandan.R	Network Security	Context Based Acces Control System for Mobile Devices	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104306	Samuvel.S				
21	411513104304	Parameswaran .R	Cloud Computing	A Secure Domain Based Storage Prediction Using Multi-cloud Storage in Public Infrastructure	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PSO1,PSO2
	411513104309	Vimal.G				

2.2.4 Initiative related to industry interaction (15)

Institute Marks : 15.00

Industry Supported Laboratories

Department has initiated the process of setting up Cloud Computing lab by having discussion with an industry resource person **Mr.Yuvaraj** Corporate Trainer, Eye open Technologies and IOT lab with an industry resource person Mr.Sivaprasath, Trainer and IOT Developer, Fresh Skills through a blend of lectures, tutorials, individual hands on practices and case studies.



Fig:IOT Lab Inauguration



Industry Involvement in the Program Design

- Department has signed a Memorandum of Understanding (MoUs) with major organization for the summer and winter internship to the students.
- Guest Lectures are organized to our students and faculty members about the latest trends and work culture of the Industries and Technicalities. The Students are bestowed with knowledge about industry needs, latest technical updates and avenues for higher studies.



Faculty Development Programme on Grid & Cloud Computing

Industry Support - Guest Lecture Details:

Sl. No	Date	Title	Resource person with designation
1	14-06-2017, 15.06.2017	FDP on grid & cloud computing	Mr.Yuvaraj Corporate Trainer, Eye open Technologies
2	30-11-2017	One day seminar on women self empowerment	Dr.Sharmila Anand Founder and MD of SEHPL (Santhosh Education and Health care pvt. ltd.,)
3	21.12.2017	CSI student chapter inauguration	Mr.Raja– Technical Head, Chennai softtech
4	22.12.2017	Personality Development Programme	Mr.V. Prasanna Venkatesan, International Success Coach, Author & Advocate

Sl. No	Date	Title	Resource person with designation
5	5.7.2018	Training on Proteus Design Suite Software	Mr. Asborn, M.E./KCG college of technology
6	9.7.2018	Guest lecture on carrier guidance & Future prospectus	Mr.V.G.Shanmugham,founder & CEO,Shan Software Services
7	23.7.2018	Guest Lecture on "Career Guidance & Future Prospects"	Mr.N.C.Balachandran, Director-Career development & placement(Rtd)
8	25.7.2018	Guest lecture on IOT	Mr.Shivaprasad Trainer & Developer, Fresh skills
9	8-07-2016	Guest lecture on Cyber Security	Dr N Kala,Assistant Professor & Director I/C, Centre for Cyber Forensics and Information Security
10	29-07-2016	Hands on Android App Development	Mr. Vinesh Raju, EEC
11	11-08-2016	Guest lecture on Cloud Service Trends.	Mr.Sankar Krishnan Head Travel & Logistics, L&T Infotech Ltd.



Department of COMPUTER SCIENCE AND ENGINEERING organized “Personality Development Programme” on 22nd December, 2017 for CSE branch students. Mr.V. Prasanna Venkatesan, International Success Coach, Author & Advocate, has honoured the occasion with his graceful presence.

MaxLife

Roads Ahead - Introduction

After completing graduation in engineering there is a bright future awaiting for us to explore further. There are plenty of opportunities available in front of us to either sharpen our skills, demonstrate our talent or render our service to various industries.

How are we going to identify our unique speciality to where we fit in?

Higher Studies

• **Studies in India / Abroad**
Mechanical Engineering: A fundamental branch of engineering that allows specialization in:

- Aerospace
- Nuclear
- Material Science
- Automobile
- Oceanography
- Instrumentation
- Environmental engineering
- Manufacturing or Production and many more!!!!

Job opportunities

- **Government Sector Jobs**
 - IES, UPSC, SSC, PSUs, BARS, Railways, State Govt jobs, etc.
- **Private Sector Jobs**
 - Campus Placement (in Campus / Off campus)
 - Personal Search & Approach

Entrepreneur



Guest Lecture on "Career Guidance & Future Prospects"

Details of Value Added Courses for Industrial Needs

Value Added Courses are being conducted to enrich the students skill set. Head of the Department along with the Professors in the department frame the value added course to be conducted.

**CAY: 2018-2019**

Sl. No	Year/Dept	Duration	Course Name	Experts Name	Company name	Conducted Hours
1.	IV-CSE	10 days	Java Programming	Mr.V.G.Shanmugam	Shan Software Services	60

Sample Attendance Sheet for Value added course

PER INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Respected Sir,

The below mentioned Students from Final year CSE department are going to attend for JAVA Training Classes for 7 days from (20/07/18 to 27/07/18). So here by we request you to grant your permission to conduct the training.

S.NO	Reg. No	Name	Section	Signature
1.	411515104065	PREETHI T	A	T. Preethi
2.	411515104071	RAMYA R	A	R. Ramya
3.	411515104095	SNEHA D	A	S. Sneha
4.	411515104083	SANTHOSH KUMAR J	A	J. Santosh
5.	411515104069	PRIYANKA P	A	P. Priyanka
6.	411515104037	KOWSALYA R	A	R. Kowsalya
7.	411515104038	KOWSALYA V	A	V. Kowsalya
8.	411515104047	MANIKANDAN V	A	V. Manikandan
9.	411515104118	YESHWANTH S	A	S. Yeshwanth
10.	411515104102	SURESH JUSTIN S	A	S. Suresh Justin
11.	411515104112	VENKATESH PRASAD S	A	S. Venkatesh Prasad
12.	411515104073	RANJITH KUMAR R	A	R. Ranjith Kumar
13.	411515104070	PUNEETH SAHADEV H	A	H. Puneeth SahaDEV
14.	411515104082	SANTHOSH P	A	P. Santosh
15.	411515104110	UDAYA KIRAN B	A	B. Udaya Kiran
16.	411515104059	PRADHAKSHNA B	A	B. Pradhakshna
17.	411515104021	DINESH KUMAR M	A	M. Dinesh Kumar
18.	411515104006	AKHIL BABU E H	B	H. Akhil Babu
19.	411515104119	YOGESHWARAN S	B	S. Yogeshwaran
20.	411515104084	SARAN RAJ S	B	S. Saran Raj
21.	411515104023	GEETHA R	B	R. Geetha
22.	411515104101	SUJATHA S	B	S. Sujatha
23.	411515104080	SANGEETHA S R	B	R. Sangeetha
24.	411515104085	SARANYA L	B	L. Saranya
25.	411515104081	SANTHOSH M	B	M. Santosh
26.	411515104056	NIVETHA R S	B	S. Nivetha
27.	411515104064	PRAVIN RAJ C	B	C. Pravin Raj
28.	411515104077	ROSHINE E	B	E. Roshine
29.	411515104013	BUVANESH C I	●A	I. Buvanesh
30.	411515104049	MOHAMED ANSARI R	A	R. Mohamed Ansari
31.	411515104060	PRAKASH C	A	C. Prakash
32.	411515104019	DINESH K	B	K. Dinesh
33.	411515104040	LINGESH S	B	S. Lingesh
34.		SARATHY KRISHNAN M	III A	M. Sarathy Krishnan
35.	411516104019	BHUVANESH R	III A	R. Bhuvanesh
36.	411516104011	ASLAM	III A	A. Aslam
	411515104028	JOHN BETSON J	IV A	J. John Betson

V. K. S. T. Incharge

CSE-HOD

PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FEEDBACK FORM

Name of the Student : RAMYA R
 Branch/Yr : CSE/IV Yr
 Name of the Resource Person : Mr Shanmugam
 Course period : From 20/7/18 to 29/7/18
 Name of the Value added Course : JAVA PROGRAMMING

Dear Student,
 If you attended the Value added course we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future courses more beneficial for you.

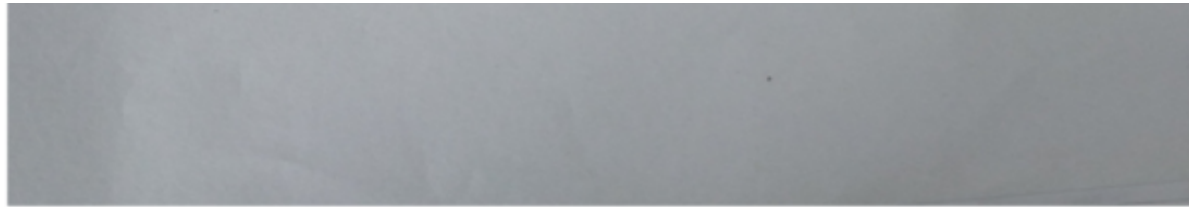
➤ Please '✓' the option you find most suitable

S.No	Particular	Extremely Good	Good	Average	Poor
1	How much the session was useful from the knowledge and information point of view?	✓			
2	How relevant was the content discussed by the resource person?	✓			
3	How much interesting was the session was for you?	✓			
4	Did the course cover what you were expecting?	✓			
5	What is your opinion about the value added course?	✓			
6	Was the Session Interactive?	✓			
7	Overall effectiveness of the course	✓			

Additional Comments and Suggestions for future purpose

It was a very informative and interesting session.

Ramya R
Student Signature



PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FEEDBACK FORM

Name of the Student : RAMYA R
Branch/Yr : CSE/IV Yr
Name of the Resource Person : Mr. Shanmugam
Course period : From 20/7/18 to 29/7/18
Name of the Value added Course : JAVA PROGRAMMING

Dear Student,

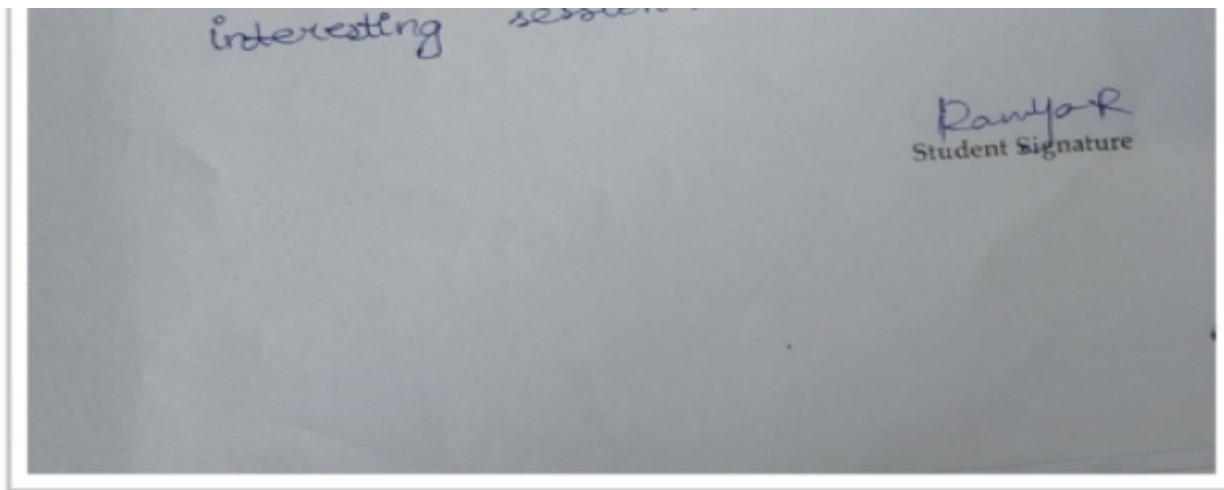
If you attended the Value added course we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future courses more beneficial for you.

➤ Please '✓' the option you find most suitable

S.No	Particular	Extremely Good	Good	Average	Poor
1	How much the session was useful from the knowledge and information point of view?	✓			
2	How relevant was the content discussed by the resource person?	✓			
3	How much interesting was the session was for you?	✓			
4	Did the course cover what you were expecting?	✓			
5	What is your opinion about the value added course?	✓			
6	Was the Session Interactive?	✓			
7	Overall effectiveness of the course	✓			

Additional Comments and Suggestions for future purpose

It was a very informative and



2.2.5 Initiative related to industry internship/summer training (15)

Institute Marks : 15.00

- Industrial visit is a part of the professional courses, during which students visit companies and get insight on how companies work and also useful information related to the practical aspects of the course which cannot be visualized in lectures. With an aim to go content beyond curriculum, these visits are arranged to develop the insights of the students and to gain practical knowledge with their theoretical applications thereof.
- In-Plant training, Internship programmes and Industrial visits are conducted through various industries for the students. After the successful completion of training in industries, the students can apply the practical knowledge to find the right solutions with the minimum duration of time.

Details of Industrial Visits

- Industrial visits are arranged for students to various industries.
- A request letter is forwarded from the department to the industry seeking permission to visit the industry.
- After getting the approval, the students are taken to the industry along with faculty.
- After the completion of the visit, a report of the visit is collected from the students.

CAY: 2018-2019

Sl. No	Name of the Company Visited	Class	Date of Visit
1.	Industrial visit to eye open technologies	II	18.7.2018

2.	Industrial visit to eye open technologies	III	19.7.2018
3.	Industrial visit to Info Park, Kochi	IV	16.8.2018

CAY: 2019-2020

Sl. No	Name of the Company Visited	Class	Date of Visit
1	Industrial visit to PANTECH	III	19.8.2019
2	Industrial visit to PANTECH	II	20.8.2019

**Fig:Industrial visit to eye open technologies-III CSE**

		DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Industrial Visit	E No: Code Page: 1/1
I Local Industrial Visit			
1.	Branch/ Dept.	:	Computer Science and Engineering
2.	Year & Semester	:	II Year & III Semester
3.	Visit No. for current semester	:	1
4.	Total Number of Boys	:	86
5.	Total Number of Girls	:	33
6.	Number of Hostel Boys	:	25
7.	Number of Hostel Girls	:	08
8.	Accompanying Staff	:	Ms. Renuka, Ms. Tamilmozhi, Mr. Richard & Mrs. Ranganayagi
9.	Name of Industry	:	
	Address Tel. No. along with STD code	:	Eyeopen Technologies, No. 1940, 18th main road, rajamangalam enclave, Anna nagar west, Chennai 40. Landmark: vasantaram colony bus stop, next to Sankara TV, Mrs. Ponnalar Kathiravan
10.	Contact person	:	
11.	Date of visit	:	18.07.2018 Wednesday
12.	Permitted time of entry into Industry	:	10. AM
13.	Time of leaving the campus	:	9.00AM
14.	Time of reaching the industry	:	10.30AM
15.	Time of leaving the industry	:	1.30AM
16.	Time of returning back to Campus	:	3.15 PM
HODs Signature		Principal's Signature	
Conu to:			



Fig:Guest Lecture by Expert from Eye Open Technologies



Industrial Tours

Department of Computer Science & Engineering organize industrial visits for second, third and final year students in both odd and even semesters of an academic year. The industrial tours are arranged with the objective to provide students an insight regarding internal working of companies

Internship Training

Internship training is offered by the companies during the end of the seventh semester for the placed students in their respective placed companies. The companies will give training to the students to bridge the gap between theoretical knowledge with the practical need of the industry. This training lasts for three to four months. Companies like ISRO, NITTTR are presently offering internship training to our students.

Impact Analysis

- The industrial trainings and tours helps the students to understand the principles and concepts taught in the class room clearly.
- It also enables the students to do Mini projects in the areas where they are equipped during the industrial training and tours.
- Feedback is collected from students after their Internships, In-Plant trainings and Industrial visits.
- Corrective measures are taken by the department based on the feedback collected from the students.
- The feedback is analyzed to find out the extent of attainment of COs - POs - PSOs.

3 COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

Total Marks 120.00

Define the Program specific outcomes

3.1 Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20)

Total Marks 20.00

:

PSO1	1. To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.
PSO2	2. To apply software engineering principles and practices for developing quality software for scientific and business applications.
PSO3	3. To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems

3.1.1 Course Outcomes(COs)(SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses and made available as evidence, if asked) (5)

Institute Marks : 5.00

Note : Number of Outcomes for a Course is expected to be around 6.

Course Name :	C2 03	Course Year :	2017-2018
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Items	2019-20
C2 03.1	Design Databases for applications.
C2 03.2	Use the Relational model, ER diagrams.
C2 03.3	Use the Relational model, ER diagrams.
C2 03.4	Design the Query Processor and Transaction Processor.
C2 03.5	Design and Develop different type of databases

Course Name :	C2 14	Course Year :	2017-2018
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Items	2019-20
C2 14.1	Identify the key activities in managing a software project.
C2 14.2	Compare different process models.
C2 14.3	Concepts of requirements engineering and Analysis Modeling.
C2 14.4	Apply systematic procedure for software design and deployment.
C2 14.5	Compare and contrast the various testing and maintenance.

Course Name :	C3 05	Course Year :	2017-2018
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Items	2019-20
C3 05.1	Gain knowledge about graphics hardware devices and software used.
C3 05.2	Design two dimensional graphics , Apply clipping techniques to graphics and Apply two dimensional transformations
C3 05.3	Design three dimensional graphics and Apply three dimensional transformations.

C3 05.4	Apply Illumination and color models.
C3 05.5	Design animation sequences

Course Name :	C3 11	Course Year :	2017-2018
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Items	2019-20
C3 11.1	Design and implement a prototype compiler
C3 11.2	Understand of Lexical Analyzer
C3 11.3	Understand & create Parsing
C3 11.4	Apply the various optimization techniques
C3 11.5	Apply the different compiler construction tools

Course Name :	C4 01	Course Year :	2017-2018
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Items	2019-20
C4 01.1	Understand OSI security architecture and classical encryption techniques.
C4 01.2	Acquire fundamental knowledge on the concepts of finite fields and number theory
C4 01.3	Understand various block cipher and stream cipher models.
C4 01.4	Describe the principles of public key cryptosystems, hash functions and digital signature.
C4 01.5	Describe authentication, firewalls and intrusion

Course Name :	C4 09	Course Year :	2017-2018
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Items	2019-20
C4 09.1	Identify the limitations of ILP and the need for multicore architectures
C4 09.2	Discuss the issues related to multiprocessing and suggest solutions
C4 09.3	Point out the salient features of different multicore architectures and how they exploit parallelism
C4 09.4	Program Parallel Processors
C4 09.5	Develop programs using Open MP and MPI.
C4 09.6	Compare and contrast programming for serial processors and programming for parallel processors.

3.1.2 CO-POmatrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 3rd to 8th semester) (5)

Institute Marks : 5.00

1 . course name : C203

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C203.1	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼
C203.2	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼
C203.3	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	3 ▼
C203.4	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	3 ▼
C203.5	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	3 ▼
Average	3	3	2.6	2.2	2.6		2		2			2.6

2 . course name : C214

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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C214.1	3 ▼	3 ▼	1 ▼	- ▼	1 ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼
C214.2	3 ▼	3 ▼	2 ▼	- ▼	1 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	3 ▼	- ▼
C214.3	3 ▼	3 ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	3 ▼	- ▼
C214.4	3 ▼	3 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼	3 ▼	- ▼
C214.5	3 ▼	3 ▼	3 ▼	- ▼	3 ▼	- ▼	2 ▼	- ▼	2 ▼	- ▼	3 ▼	- ▼
Average	3	3	2.2		1.8		1.5		1.6		2.6	

3 . course name : C305

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C305.1	- ▼	- ▼	1 ▼	- ▼	3 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	- ▼	1 ▼
C305.2	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼
C305.3	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼
C305.4	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼
C305.5	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	- ▼	- ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼
Average	3	3	2.6	2	3				1.8			1.8

4 . course name : C311

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C311.1	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	3 ▼	3 ▼
C311.2	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	2 ▼	3 ▼
C311.3	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	2 ▼	3 ▼

C311.4	3 ▼	3 ▼	3 ▼	2 ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	2 ▼	3 ▼
C311.5	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	3 ▼	3 ▼
Average	3	3	3	2.8	1.8	1.4					2.4	3

5 . course name : C401

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C401.1	1 ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C401.2	1 ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C401.3	3 ▼	3 ▼	3 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C401.4	3 ▼	3 ▼	3 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C401.5	3 ▼	3 ▼	3 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
Average	2.2	2.2	2.2									

6 . course name : C409

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C409.1	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	2 ▼	3 ▼
C409.2	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	3 ▼	2 ▼	2 ▼
C409.3	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	2 ▼	2 ▼
C409.4	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	- ▼	3 ▼	2 ▼	2 ▼	2 ▼
C409.5	2 ▼	2 ▼	2 ▼	2 ▼	3 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	2 ▼	2 ▼
C409.6	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	- ▼	3 ▼	2 ▼	3 ▼	2 ▼

Average	2.33	2.33	2.33	2.33	2.33	2	2	1	2.33	2.17	2.17	2.17
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1 . Course Name : C203

Course	PSO1	PSO2	PSO3
C203.1	3 ▼	3 ▼	2 ▼
C203.2	3 ▼	3 ▼	2 ▼
C203.3	3 ▼	3 ▼	2 ▼
C203.4	3 ▼	3 ▼	2 ▼
C203.5	3 ▼	3 ▼	2 ▼
Average	3	3	2

2 . Course Name : C214

Course	PSO1	PSO2	PSO3
C214.1	1 ▼	3 ▼	3 ▼
C214.2	2 ▼	2 ▼	3 ▼
C214.3	2 ▼	2 ▼	2 ▼
C214.4	3 ▼	3 ▼	2 ▼
C214.5	1 ▼	2 ▼	1 ▼
Average	1.8	2.4	2.2

3 . Course Name : C305

Course	PSO1	PSO2	PSO3
C305.1	3 ▼	3 ▼	1 ▼
C305.2	2 ▼	2 ▼	- ▼
C305.3	2 ▼	2 ▼	- ▼
C305.4	2 ▼	3 ▼	1 ▼
C305.5	1 ▼	3 ▼	1 ▼
Average	2	2.6	1

4 . Course Name : C311

Course	PSO1	PSO2	PSO3
C311.1	2 ▼	2 ▼	2 ▼
C311.2	3 ▼	3 ▼	3 ▼
C311.3	3 ▼	2 ▼	3 ▼
C311.4	2 ▼	3 ▼	3 ▼
C311.5	3 ▼	2 ▼	2 ▼
Average	2.6	2.4	2.6

5 . Course Name : C401

Course	PSO1	PSO2	PSO3
C401.1	2 ▼	1 ▼	1 ▼
C401.2	1 ▼	2 ▼	1 ▼

C401.3	- ▼	- ▼	- ▼
C401.4	- ▼	- ▼	- ▼
C401.5	Select ▼	Select ▼	Select ▼
Average	1	1	0.5

6 . Course Name : C409

Course	PSO1	PSO2	PSO3
C409.1	3 ▼	2 ▼	3 ▼
C409.2	3 ▼	2 ▼	2 ▼
C409.3	3 ▼	2 ▼	3 ▼
C409.4	3 ▼	2 ▼	2 ▼
C409.5	3 ▼	2 ▼	3 ▼
C409.6	3 ▼	3 ▼	3 ▼
Average	3	2.17	2.67

3.1.3 - A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks : 10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	3	0	0	0	0	3	2.4	3	2	3	0	2.4
C102	3	3	3	3	2.4	2.5	0	0	2	0	2	2.5
C103	3	2	3	2	2.4	2	0	0	0	0	0	2.5
C104	3	3	2.5	2	3	2.4	2.5	0	0	0	0	3

C105	3	3	3	2.4	3	2.4	0	0	2	0	0	3
C106	3	3	3	2	2	0	0	0	2	0	0	2.5
C107	3	3	3	3	3	2	0	0	0	0	0	3
C108	3	2	2	3	3	3	2.4	0	0	0	0	2
C109	3	3	3	2	0	2	3	0	0	0	0	1
C110	3	0	0	0	0	3	2.4	3	2	3	0	2.5
C111	3	3	3	3	2.4	2.5	0	0	2	0	2	2.5
C112	3	2	3	2	2.4	1	0	0	0	0	0	2.5
C113	3	0	0	0	0	2	2	0	0	0	0	2
C114	3	3	2.4	2.4	3	0	0	0	0	0	2	2
C115	3	3	2.4	2.4	3	0	0	0	0	0	2	2
C116	3	0	0	0	2	2	0	0	0	0	0	2
C117	3	3	3	2	3	2	0	0	0	0	3	3
C118	3	3	3	2	3	2	0	0	0	0	3	3
C201	3	2	0	0	0	0	0	0	0	0	0	0
C202	3	3	3	3	2	2	2	0	2	1	1	2
C203	3	3	2.6	2.2	2.6	1	2	1	2	1.5	1.5	2.4
c204	3	3	3	3	1	1	2	0	1	1	1	2
C205	3	2	3	0	3	0	0	0	0	0	0	0
C206	2	0	0	0	0	2	3	0	0	0	0	0
C207	3	3	2	3	0	2	0	2	0	0	0	1

C208	3	3	0	2	2	2	0	1	0	0	1	0
C209	3	3	0	0	0	0	0	0	0	0	0	2
C210	3	3	2	2	1	0	0	0	1	1	1	3
C211	3	2	2	3	2	1	2	1	2	1	2	2
C212	2	1	2	1	2	0	1	0	2	0	0	2
C213	3	1	1	2	0	2	2	1	2	2	1	0
C214	3	3	3	3	2.6	2	2	2	3	3	3	2
C215	3	3	3	2	2	2	1	2	3	2	2	3
C216	3	3	3	3	2	0	0	0	2	0	2	0
C217	3	3	3	2	1	1	0	1	1	1	1	2
C301	3	3	3	3	2	0	1	0	0	0	0	1
C302	3	2	0	0	0	0	0	0	0	2	0	0
C303	3	3	3	2	1	2	1	0	2	2	1	1
C304	3	3	3	3	1	0	0	0	0	0	0	3
C305	3	3	3	2	3	0	0	0	2	0	0	2
C306	3	3	3	2	1	2	1	0	2	2	1	1
C307	3	3	2	1	3	1	1	1	1	1	1	3
C308	3	3	3	2	1	2	2	2	1	1	1	2
C309	3	3	3	3	2	2	2	1	2	1	3	3
C310	3	2	3	3	3	3	3	3	3	3	2	3
C311	3	3	3	3	2	1	0	0	0	0	2	3

C312	3	3	3	1	1	1	1	0	0	0	1	1
C313	2	1	1	2	0	0	0	0	0	0	0	0
C314	3	3	3	3	3	2	2	2	1	1	1	2
C315	3	3	3	3	2	1	0	0	0	0	0	1
C316	3	3	3	2	2	2	2	3	3	3	2	2
C317	3	2	3	3	2	0	1	0	0	0	0	1
C401	3	2	0	0	1	0	0	0	0	0	0	0
C402	3	3	2	2	0	0	0	0	0	0	0	1
C403	3	3	2	1	2	1	0	0	0	0	0	0
C404	3	3	3	3	1	2	2	1	1	1	1	1
C405	3	0	2	0	2	1	0	0	2	0	2	0
C406	2.8	2.2	2.2	2.4	1.8	2	2	2	2.5	3	2.3	2.4
C407	3	3	3	2	2	3	0	2	2	2	0	3
C408	3	3	3	3	3	2	2	2	2	2	2	3
C409	3	2.3	2.3	2.3	2	2	1	2.3	2.17	2.17	2.17	3
C410	0	0	0	0	0	2	2	3	0	1	1	0
C411	3	2	0	0	0	0	0	0	0	2	0	0
C412	3	3	3	3	3	3	3	3	3	3	3	3

3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses :

Course	PSO1	PSO2	PSO3
C101	2	0	2

C102	2	3	2
C103	2.6	2	2.4
C104	0	0	2
C105	3	3	3
C106	2	0	1
C107	3	3	3
C108	0	0	2
C109	1	0	0
C110	2	0	1.6
C111	1.4	1.2	1
C112	1.4	0	1
C113	1	0	0
C114	1.6	1.8	1.6
C115	1.6	1.8	1.6
C116	0	0	2
C117	0	0	2
C118	0.4	0.6	2
C201	2	0	0
C202	3	3	3
C203	3	3	2
C204	3	3	0

C205	3	2	1
C206	0	0	2
C207	3	3	3
C208	3	3	2
C209	2	0	3
C210	3	3	1
C211	3	3	2
C212	3	3	2
C213	3	2	3
C214	2.5	2.5	2
C215	3	3	2
C216	3	2	3
C217	3	3	2
C301	2	0	2
C302	3	3	3
C303	2	3	2
C304	3	3	2
C305	2	3	1
C306	2	3	2
C307	2	3	2
C308	2	3	2

C309	3	3	2
C310	3	3	3
C311	2.5	2.5	3
C312	1	1	2
C313	2	3	3
C314	0	1	3
C315	3	3	1
C316	3	3	3
C317	0	0	3
C401	3	3	1
C402	3	3	3
C403	3	3	3
C404	3	3	0
C405	3	3	3
C406	2.5	2.5	3
C407	3	3	3
C408	3	3	3
C409	3	3	3
C410	3	3	3
C411	2	2	3
C412	3	3	3

3.2 Attainment of Course Outcomes (50)

Total Marks 50.00

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Institute Marks : 10.00

ASSESSMENT PROCESS	EVALUATION	FREQUENCY
DIRECT ASSESSMENT		
THEORY		
Class tests	Class tests are conducted every day during 1 st hour for 25 marks for the attainment of all CO's.	Weekly once for each subject
Continuous Assessment Tests	Three continuous assessment tests and one model exam will be conducted. All the exams are conducted for 100 marks for a duration of 3 Hrs for the attainment of all CO's..	Thrice in a semester
End Semester Examination	Will be conducted as per Anna University schedule for the attainment of all CO's..	Once in a semester
Assignments	Three assignments will be given for each subject for the attainment of CO's..	Minimum of three per semester
LABORATORY		
Model Exam	Lab model exam will be conducted after completion of all the experiments for 100 marks for a duration of 3 Hrs for the attainment of CO's.	Once in a semester
End Semester Examination	Will be conducted as per Anna University schedule for the attainment of CO's.	Once in a semester
PROJECT WORK		
Final Year Projects	Students will be divided into groups, wherein each group will have a maximum of 3 to 4 students. Every group will be mentored by a faculty. Four reviews will be conducted and the students will be reviewed by a panel of Professors for the attainment of PO's and PSO's.	Once during final year
OTHERS		

Tutorials	Extra tutorial hours will be allotted in the timetable and more case studies will be given for the students to work out. Every week an hour will be allocated for tutorials wherein the faculty will make the students solve more problems for the attainment of PO's and PSO's.	15 sessions for subjects with tutorial as per curriculum
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3.2.2 Record the attainment of Course Outcome of all courses with respect to set attainment levels (40)

Institute Marks : 40.00

Attainment Level 1 (Slight): 60% students scoring more than set attainment level in the final examination.

Attainment Level 2 (Moderate): 70% students scoring more than set attainment level in the final examination.

Attainment Level 3 (Substantial): 80% students scoring more than set attainment level in the final examination.

**Attainment is measured in terms of actual percentage of students getting set percentage of marks.

COURSE			INTERNAL ATTAINMENT			UNIVERSITY			COURSE OUTCOME	COURSE OUTCOME
			ATTAINMENT			ATTAINMENT				
			Target %	% Crossed Target	Attainment Level Achieved	Target %	% Crossed Target	Attainment Level Achieved		
III	MA6351	Transforms And Partial Differential Equations	70	58	1	70	61	2	2	0.33
	CS6301	Programming And Data Structures II	70	53	1	70	91	3	2	0.67
	CS 6302	Database Management Systems	70	48	0	70	74	2	1	0.33
	CS 6303	Computer Architecture	70	43.95	1	70	70	2	1	0.33
	CS 6304	Analog and Digital Communication	70	65.99	2	70	40	0	1	0.33
	GE 6351	Environmental Science And Engineering	70	48.57	1	70	82	3	2	0.67

IV	CS 6311	Programming And Data Structure Laboratory II	75	64.25	1	75	100	3	2	0.67
	CS 6312	Database Management Systems Laboratory	75	65.89	1	75	100	3	2	0.67
	MA6453	Probability And Queuing Theory	70	52.81	1	70	77	3	2	0.67
	CS6551	Computer Networks	70	57.65	1	70	82	3	2	0.67
	CS6401	Operating Systems	70	54.13	1	70	81	3	2	0.67
	EC6504	Microprocessor And Microcontroller	70	61.39	2	70	87	3	2	0.67
	CS6403	Software Engineering	70	56.1	2	70	82	3	2	0.67
	CS6412	Microprocessor And Microcontroller Laboratory	75	67.85	2	70	100	3	2	1
	CS6402	Design And Analysis Of Algorithms	75	58.34	2	75	90	3	2	0.67
	CS6411	Networks Laboratory	75	73.84	2	75	99	3	3	1
V	CS6413	Operating Systems Laboratory	75	66.83	1	75	100	3	3	1
	MA2265	Discrete Mathematics	70	50.97	1	70	72	2	1	0.33
	CS6501	Internet Programming	70	44.4	1	70	71	2	1	0.33
	CS6502	Object Oriented Analysis and Design	70	45.26	1	70	75	3	2	0.67
	CS6503	Theory of Computation	70	54.21	1	70	78	2	1	0.33
	CS6504	Computer Graphics	70	54.96	1	70	83	3	1	0.33
	CS6511	Case Tools Laboratory	75	69.13	1	75	98	3	3	1
	CS6512	Internet Programming Laboratory	75	65.37	1	75	98	3	3	1
VI	CS6513	Computer Graphics Laboratory	75	65.14	1	75	98	3	3	1
	CS6601	Distributed Systems	70	49.16	0	70	83	3	1	0.33
	IT6601	Mobile Computing	70	53.23	1	70	77	2	1	0.33
	CS6660	Compiler Design	70	69.55	2	70	82	3	3	1
	IT6501	Digital Signal Processing	70	45.81	0	70	81	3	1	0.33

	CS6659	Artificial Intelligence	70	51.15	1	70	81	3	2	0.67
	GE6757	Total Quality Management	70	46.04	1	70	79	3	2	0.67
	CS6611	Mobile Application Development Laboratory	75	63.24	1	75	98	3	3	1
	CS6612	Compiler Laboratory	75	63.48	1	75	99	3	3	1
	GE6674	Communication Skills Laboratory	75	64.52	2	75	98	3	3	1
	CS6701	Cryptography and Network Security	70	43.25	1	70	75	3	3	1
	CS6702	Graph Theory And Applications	70	42.86	2	70	55	1	0	0
	CS6703	Grid and Cloud Computing	70	44.03	2	70	87	3	2	0.67
	CS6704	Resource Management Techniques	70	40.85	1	70	74	2	1	0.33
	CS6004	Cyber Forensics	70	52.82	1	70	67	2	1	0.33
	CS6007	Information Retrieval	70	56.83	1	70	85	3	2	0.67
VII	CS6711	Security Laboratory	75	67.43	2	75	99	3	3	1
	CS6712	Grid and Cloud Computing Laboratory	75	68.61	2	75	99	3	3	1
	CS6801	Multicore Architectures and Programming	70	43.56	1	70	85	3	2	0.67
	CS6010	Human Computer Interaction	70	36.7	1	70	85	3	2	0.33
VIII	GE 6075	Professional Ethics in Engineering	70	35.49	1	70	94	3	2	0.67
	CS2451	Project Work	75	64.11	1	70	100	3	3	1

3.3.2 Provide results of evaluation of each PSO

COURSE CODE	SUBJECT CODE	COURSE	PSO1	PSO2	PSO3
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COURSE CODE	SUBJECT CODE	COURSE	PSO1	PSO2	PSO3
C201	MA 6351	Transforms And Partial Differential Equations	2.00	0.00	0.00
C202	CS 6301	Programming And Data Structures II	2.01	2.01	2.01
C203	CS 6302	Database Management Systems	0.99	0.99	0.66
C204	CS 6303	Computer Architecture	2.01	2.01	0.00
C205	CS 6304	Analog and Digital Communication	2.01	1.34	0.67
C206	GE 6351	Environmental Science And Engineering	0.00	0.00	2.00
C207	CS 6311	Programming And Data Structure Laboratory II	3.00	3.00	3.00
C208	CS 6312	Database Management Systems Laboratory	3.00	3.00	2.00
C209	MA 6453	Probability And Queuing Theory	1.34	0.00	2.01
C210	CS6551	Computer Networks	2.01	2.01	0.67
C211	CS6401	Operating Systems	2.01	2.01	1.34
C212	CS6402	Design And Analysis Of Algorithms	0.99	0.99	0.66
C213	EC6504	Microprocessor And Microcontroller	0.00	0.00	0.00
C214	CS6403	Software Engineering	2.01	2.01	0.67
C215	CS6411	Networks Laboratory	3.00	3.00	2.00
C216	CS6412	Microprocessor And Microcontroller Laboratory	3.00	2.00	3.00
C217	CS6413	Operating Systems Laboratory	3.00	3.00	2.00
C301	MA2265	Discrete Mathematics	2.00	0.00	2.00
C302	CS6501	Internet Programming	3.00	3.00	3.00
C303	CS6502	Object Oriented Analysis and Design	2.00	3.00	2.00

COURSE CODE	SUBJECT CODE	COURSE	PSO1	PSO2	PSO3
C304	CS6503	Theory of Computation	3.00	3.00	2.00
C305	CS6504	Computer Graphics	2.00	3.00	1.00
C306	CS6511	Case Tools Laboratory	2.00	3.00	2.00
C307	CS6512	Internet Programming Laboratory	2.00	3.00	2.00
C308	CS6513	Computer Graphics Laboratory	2.00	3.00	2.00
C309	CS6601	Distributed Systems	3.00	3.00	2.00
C310	IT6601	Mobile Computing	3.00	3.00	3.00
C311	CS6660	Compiler Design	3.00	3.00	3.00
C312	IT6502	Digital Signal Processing	1.00	1.00	2.00
C313	CS6659	Artificial Intelligence	2.00	3.00	3.00
C314	GE6757	Total Quality Management	2.00	3.00	3.00
C315	CS6611	Mobile Application Development Laboratory	0.00	1.00	3.00
C316	CS6612	Compiler Laboratory	3.00	3.00	1.00
C317	GE6674	Communication Skills Laboratory	3.00	3.00	3.00
C401	CS6701	Cryptography and Network Security	2.01	2.01	0.67
C402	CS6702	Graph Theory And Applications	3.00	3.00	3.00
C403	CS6703	Grid and Cloud Computing	3.00	3.00	3.00
C404	CS6704	Resource Management Techniques	3.00	3.00	0.00
C405	CS6004	Cyber Forensics	2.01	2.01	2.01
C406	CS6007	Information Retrieval	3.00	3.00	3.00

COURSE CODE	SUBJECT CODE	COURSE	PSO1	PSO2	PSO3
C407	CS6711	Security Laboratory	3.00	3.00	3.00
C408	CS6712	Grid and Cloud Computing Laboratory	3.00	3.00	3.00
C409	CS6801	Multicore Architectures and Programming	3.00	3.00	3.00
C410	GE 6075	Professional Ethics in Engineering	3.00	3.00	3.00
C411	CS6010	Human computer Interaction	2.00	2.00	3.00
C412	CS6811	Project Work	3.00	3.00	3.00
		Direct Attainment	2.25	2.27	1.99
		Indirect Attainment	1.34	1.32	1.42
		PO Attainment Level	2.07	2.08	1.88

3.3 Attainment of Program Outcomes and Program Specific Outcomes (50)

Total Marks 50.00

3.3.1 Describe the assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10)

Institute Marks : 10.00

1. Describe assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10)

ASSESSMENT PROCESS	EVALUATION	FREQUENCY
DIRECT ASSESSMENT		
THEORY		
Class tests	Class tests are conducted every day during 1 st hour for 20 marks for the attainment of all CO's.	Weekly once for each subject

Continuous Assessment tests	Three Continuous Assessment Test and one model exam will be conducted for 100 marks for a duration of 3 Hrs for the attainment of all COs.	Thrice per semester
End Semester Examination	Will be conducted as per Anna University schedule for the attainment of all CO's.	Once per semester
Assignments	Three assignments will be given for each subject for the attainment of CO's.	Minimum of three per semester
LABORATORY		
Model Exam	Lab model exam will be conducted after completion of all the experiments for 100 marks for a duration of 3 Hrs for the attainment of COS	Once in a semester
End Semester Examination	Lab model exam will be conducted after completion of all the experiments for 100 marks for a duration of 3 Hrs for the attainment of CO's.	Once in a semester
PROJECT WORK		
Final Year Projects	Students will be divided into groups, wherein each group will have a maximum of 4 students. Every group will be mentored by a faculty. Four reviews will be conducted and the students will be reviewed by a panel of Professors for the attainment of PO's and PSO's.	Once during final year
OTHERS		
Publications	The final year project groups with the guidance of their supervisor should publish their work in any conference or journal for the attainment of PO5, PO10, PO11 and PSO's.	Minimum one publication during final year
Workshops Attended	Students participate in internal/external workshops conducted for the attainment of PO5, PO10, PO11 and PSO's.	Once in a year
Conferences Attended	Students participate in internal/external Conferences conducted for the attainment of PO5, PO10, PO11 and PSO's.	Once in a year
Industrial Visits	Students participate in industrial visits organized by the department for the attainment of PO5, PO10, PO11 and PSO's.	Twice in a semester
Inplant Training	Students are certified after completion of the training in industry for the attainment of PO5, PO10, PO11 and PSO's.	Twice in four years

Value Added Courses	Students are certified after completion of the course in each semester for the attainment of PO5, PO10, PO11 and PSO's.	once in a semester
Placement and soft skill training	Test will be conducted after completion of the course in each semester for the attainment of PO5, PO10, PO11 and PSO's.	Twice in a semester
Tutorials	Extra Tutorial classes are conducted in the time table and more case studies are given for students to work out. every week an hour is allocated for tutorials wherein the faculty would make the students solve extra problems for the attainment of POs and PSOs.	15 sessions for subjects with tutorial as per curriculum
Seminars	Students will be divided into groups. Each group will be assigned a technical topic for the attainment of PO5, PO10, PO11 and PSO's.	Twice in a month
Online tests	From 7 th semester, the students will take up online tests on different topics for placement preparation. The tests will be conducted after college hours for the attainment of PO5, PO10, PO11 and PSO's.	7 to 10 online tests in 7 th semester
Mock Interview	From 7 th semester, the students will attend mock interviews conducted by our faculty on different subjects for placement preparation. The mock interviews will be conducted after college hours for the attainment of PO5, PO10, PO11 and PSO's.	7 to 10 mock interviews in 7 th semester
INDIRECT ASSESSMENT		
Alumni survey	Get the feedback from the Alumni for the improvement of infrastructure, library facilities, placement activities and industry-institute interaction for the attainment of all PEO's.	Once in a year
STUDENT FEEDBACK		
Mid Semester	Get the feedback after a month from the Start of the semester to improve teaching-learning process for the attainment of all PO's and PSO's.	Once in a semester
End Semester	Get the feedback after syllabus completion to improve teaching-learning process for the attainment of all PO's and PSO's.	Once in a semester

Parent Feedback	Get the feedback from the parents during the orientation programme for the improvement of the student performance and conduct for the attainment of all PO's and PSO's.	Once during the orientation programme and as and when needed
Student Entry survey	Get the expectations from the students during the orientation programme to know their requirements for the their improvement for the attainment of all PO's and PSO's.	Once during the orientation programme
Student Exit survey	Get the feedback from the students after their course completion for the betterment of the department for the attainment of all PO's and PSO's.	Once after course completion
Industry feedback	Get the feedback from the industry to know the gaps to be filled to improve our students' skill and placement count for the attainment of all PEO's.	After every campus drive, guest lecture, workshop and seminar
Ranking	Anna University ranks the department based on end semester examination results and university ranks secured for the attainment of all PO's and PSO's.	Once in a semester
Internationally/ Nationally normed exams	Various examinations (national and international level) like GATE, NET, CAT, GRE, IELTS, and TOEFL are taken into consideration for students' performance .	As and when the exams are conducted and also on students' readiness

3.3.2 Provide results of evaluation of PO&PSO (40)

Institute Marks : 40.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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C201	3	2	0	0	0	0	0	0	0	0	0	0
C202	3	3	3	3	2	2	2	0	2	1	1	2
C203	3	3	0	1	0	1	0	0	0	0	0	0
C204	3	3	3	3	1	1	2	0	1	0	0	2
C205	3	2	3	0	3	0	0	0	0	0	0	0
C206	2	0	0	0	0	2	3	0	0	0	0	0
C207	3	3	2	3	0	2	0	2	0	0	0	1
C208	3	3	0	2	2	2	0	1	0	0	1	0
C209	3	3	0	0	0	0	0	0	0	0	0	2
C210	3	3	2	2	1	0	0	0	1	1	1	3
C211	3	2	2	3	2	1	2	1	2	1	2	2
C212	3	1	1	2	0	2	2	1	2	2	1	0
C213	3	3	3	3	3	2	1	1	3	3	3	2
C214	3	3	3	3	2	0	0	0	2	0	2	0
C215	2	1	2	1	2	0	1	0	2	0	0	2
C216	3	3	3	2	2	2	1	2	3	2	2	3
C217	3	3	3	2	1	1	0	1	1	1	1	2
C301	0	0.99	0.66	0	0	0	0	0	0	0	0	0
C302	1	0.67	0	0	0	0	0	0	0	0.67	0	0
C303	1	1	1	0.67	0.33	0.67	0.33	0	0.67	0.67	0.33	0.33
C304	1	1	1	1	0.33	0	0	0	0	0	0	1
C305	3	3	3	2	3	0	0	0	2	0	0	2
C306	3	3	3	2	1	2	1	0	2	2	1	1

C307	3	3	2	1	3	1	1	1	1	1	1	3
C308	3	3	3	2	1	2	2	2	1	1	1	2
C309	1	1	1	1	0.67	0.67	0.67	0.33	0.67	0.33	1	1
C310	1	0.67	1	1	1	1	1	1	1	1	0.67	1
C311	1	1	1	1	0.67	0.33	0	0	0	0	1	1
C312	1	1	1	0.4	0.33	0.33	0.33	0	0	0	0.33	0.33
C313	0.67	0.33	0.33	0.67	0	0	0	0	0	0	0	0
C314	0	0.33	0.67	0	0.33	0.67	0	0	0.67	0.67	0.67	0
C315	3	3	3	3	3	2	2	2	1	1	1	2
C316	3	3	3	3	2	1	0	0	0	0	0	1
C317	0	0	0	0	0	0	0	0	0	0	0	0
C401	3	2	1	1	2	0	0	0	0	0	0	0
C402	0	0	0	0	0	0	0	0	0	0	0	0
C403	3	3	2	1	2	1	0	0	0	0	0	0
C404	3	3	3	3	1	2	2	1	1	1	1	1
C405	1	0	0.67	0	0.67	0.33	0	0	0.67	0	0.67	0
C406	1	0.67	0.67	1	0.67	0.33	0.33	0	0.33	0.67	1	0.67
C407	3	3	3	2	2	3	0	2	2	2	0	3
C408	3	3	3	3	3	2	2	2	2	2	2	3
C409	1	0.67	0.67	0.67	0.67	0.67	0.67	0	0.67	0.67	0.67	0.67
C410	1	0.67	0	0	0	0	0	0	0	0.67	0	0
C411	0	0	0	0	0	0.67	0.67	1	0	0.33	0.33	0
C412	3	3	3	3	3	3	3	3	3	3	3	3

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	2.17	1.97	1.90	1.80	1.63	1.39	1.46	1.49	1.47	1.33	1.25	1.69
Direct Attainment	2.36	2.10	1.99	1.86	1.60	1.38	1.41	1.43	1.49	1.24	1.18	1.71
InDirect Attainment	1.42	1.45	1.53	1.54	1.76	1.45	1.66	1.72	1.39	1.7	1.54	1.6

PSO Attainment

Course	PSO1	PSO2	PSO3
C201	2	0	0
C202	2.01	2.01	2.01
C203	0.99	0.99	0.66
C204	2.01	2.01	0
C205	2.01	1.34	0.67
C206	0	0	2
C207	3	3	3
C208	3	3	2
C209	1.34	0	2.01
C210	2.01	2.01	0.67
C211	2.01	2.01	1.34
C212	3	2	3
C213	0	0	0
C214	2.01	2.01	0.67

C215	3	3	2
C216	0.99	0.99	0.66
C217	3	3	2
C301	2	0	2
C302	3	3	3
C303	2	3	2
C304	3	3	2
C305	2	3	1
C306	2	3	2
C307	2	3	2
C308	2	3	2
C309	3	3	2
C310	3	3	3
C311	3	3	3
C312	1	1	2
C313	2	3	3
C314	2	3	3
C315	0	1	3
C316	3	3	1
C317	3	3	3
C401	2.01	2.01	0.67
C402	3	3	3
C403	3	3	3

C404	3	3	0
C405	2.01	2.01	2.01
C406	3	3	3
C407	3	3	3
C408	3	3	3
C409	3	3	3
C410	3	3	3
C411	2	2	3
C412	3	3	3

PSO Attainment Level

Course	PSO1	PSO2	PSO3
CO Attainment	2.19	2.30	2.03
Direct Attainment	2.40	2.55	2.18
InDirect Attainment	1.34	1.32	1.42

4 STUDENTS' PERFORMANCE (150)

Total Marks 112.92

:

Table 4.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2019-20 (CAY)	2018-19 (CAYm1)	2017-18(CAYm2)	2016-17(CAYm3)	2015-16(CAYm4)	2014-15 (CAYm5)	2013-14 (CAYm6)
Sanctioned intake of the program(N)	120	120	120	120	120	120	120
Total number of students admitted in first year minus number of students migrated to other programs/ institutions plus No. of students migrated to this program (N1)	101	109	125	101	109	103	47
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	1	3	2	1	2	6
Separate division students, If applicable (N3)	0	0	0	0	0	0	0
Total number of students admitted in the programme(N1 + N2 + N3)	101	110	128	103	110	105	53

Table 4.2

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated without backlogs in any semester/ year of study (Without Backlog means no compartment or failures in any semester/ year of study)			
		I year	II year	III year	IV year
2019-20 (CAY)	101	0	0	0	0
2018-19 (CAYm1)	110	35	0	0	0
2017-18 (CAYm2)	128	25	22	0	0
2016-17 (CAYm3)	103	21	19	16	0
2015-16 (LYG)	110	33	31	27	21
2014-15 (LYGm1)	105	50	34	34	31
2013-14 (LYGm2)	53	11	10	10	9

Table 4.3

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2019-20 (CAY)	101	0	0	0	0
2018-19 (CAYm1)	110	47	0	0	0
2017-18 (CAYm2)	128	78	72	0	0
2016-17 (CAYm3)	103	66	59	55	0
2015-16 (LYG)	110	68	65	61	61
2014-15 (LYGm1)	105	64	42	41	35
2013-14 (LYGm2)	53	38	36	32	28

4.1 Enrolment Ratio (20)

Total Marks 20.00

Institute Marks : 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2019-20 (CAY)	120	101	84.17
2018-19 (CAYm1)	120	109	90.83
2017-18 (CAYm2)	120	125	104.17

Average [(ER1 + ER2 + ER3) / 3] : 93.06

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (40)

Total Marks 12.55

4.2.1 Success rate without backlogs in any semester / year of study (25)

Institute Marks : 5.50

Item	Latest Year of Graduation, LYG (2015-16)	Latest Year of Graduation minus 1, LYGm1 (2014-15)	Latest Year of Graduation minus 2 LYGm2 (2013-14)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	110.00	105.00	53.00
Y Number of students who have graduated without backlogs in the stipulated period	21.00	31.00	9.00
Success Index [SI = Y / X]	0.19	0.30	0.17

Average SI [(SI1 + SI2 + SI3) / 3] : 0.22

Assessment [25 * Average SI] : 5.50

4.2.2 Success rate in stipulated period (15)

Institute Marks : 7.05

Item	Latest Year of Graduation, LYG (2015-16)	Latest Year of Graduation minus 1, LYGm1 (2014-15)	Latest Year of Graduation minus 2 LYGm2 (2013-14)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	110.00	105.00	53.00
Y Number of students who have graduated in the stipulated period	61.00	35.00	28.00
Success Index [$SI = Y / X$]	0.55	0.33	0.53

Average SI [(SI1 + SI2 + SI3) / 3]: 0.47

Assessment [15 * Average SI] : 7.05

Note : If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Third Year (15)

Total Marks 10.86

Institute Marks : 10.86

Academic Performance	CAYm3 (2016-17)	LYG (2015-16)	LYGm1 (2014-15)
Mean of CGPA or mean percentage of all successful students(X)	7.80	7.90	7.20
Total number of successful students(Y)	55.00	61.00	41.00
Total number of students appeared in the examination(Z)	59.00	65.00	42.00
API [$X*(Y/Z)$]:	7.27	7.41	7.03

Average API [(AP1 + AP2 + AP3)/3] : 7.24

Assessment [1.5 * AverageAPI] : 10.86

4.4 Academic Performance in Second Year (15)

Total Marks 10.18

Institute Marks : 10.18

Academic Performance	CAYm2 (2017-18)	CAYm3 (2016-17)	LYG (2015-16)
Mean of CGPA or mean percentage of all successful students(X)	7.50	7.30	7.80
Total number of successful students (Y)	72.00	59.00	65.00
Total number of students appeared in the examination (Z)	81.00	68.00	69.00
API [$X * (Y/Z)$]	6.67	6.33	7.35

Average API [(AP1 + AP2 + AP3)/3] : 6.78

Assessment [$1.5 * \text{Average API}$] : 10.18**4.5 Placement, Higher Studies and Entrepreneurship (40)**

Total Marks 39.33

Institute Marks : 39.33

Item	LYG (2015-16)	LYGm1 (2014-15)	LYGm2 (2013-14)
Total No of Final Year Students(N)	61.00	41.00	32.00
No of students placed in the companies or government sector(X)	56.00	32.00	28.00
No of students admitted to higher studies with valid qualifying scores(GATE or equivalent State or National Level tests, GRE, GMAT etc.) (Y)	3.00	4.00	2.00
No of students turned entrepreneur in engineering/technology (Z)	2.00	3.00	2.00
$x + y + z =$	61.00	39.00	32.00
Placement Index [$(X+Y+Z)/N$] :	1.00	0.95	1.00

Average Placement [(P1 + P2 + P3)/3] : 0.98

Assessment [$40 * \text{Average Placement}$] : 39.33

Program Name : Computer Science & Engg.**Assessment Year Name : CAYm1**

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Adarsh.R	411515104002	Indium Software	INDSW208
2	Angeline.T	411515104007	Indium Software	INDSW210
3	Harish.V	411515104026	Indium Software	INDSW215
4	John Betson.J	411515104028	Indium Software	INDSW218
5	KarthikRaja.V	411515104032	Indium Software	INDSW206
6	Kowsalya.R	411515104037	Indium Software	INDSW289
7	Kowsalya.V	411515104038	Indium Software	INDSW253
8	Madhumitha.V	411515104045	Indium Software	INDSW254
9	Pavithra.B	411515104057	Indium Software	INDSW204
10	Prasanth.P	411515104061	Indium Software	INDSW291
11	Priya.S	411515104067	Indium Software	INDSW280
12	Roseline.Y	411515104076	Indium Software	INDSW304
13	Sharath Kumar.L.R	411515104091	Indium Software	INDSW321
14	Shrihari.P	411515104092	Indium Software	INDSW256
15	Sri Lakshmija.R	411515104097	Indium Software	INDSW271
16	Koustubh.N.V.S	411515104054	Indium Software	INDSW282
17	Yeshwanth.S	411515104118	Indium Software	INDSW239
18	Sarath Kumar.S	411515104086	Indium Software	INDSW250
19	Sham Kumar.R	411515104090	Indium Software	INDSW258
20	Dinesh Kumar.M	411515104021	Indium Software	INDSW262

21	Balayogashree.G	411515104012	CSS	CSS103
22	Geethanjali.V	411515104024	CSS	CSS106
23	Ranjith Kumar.R	411515104072	CSS	CSS109
24	Mohammed Ansari.R	411515104049	CSS	CSS120
25	Puneeth Sahadev.H	411515104070	CSS	CSS126
26	Joseph Naveen Kumar	411515104029	HCL	HCL1920
27	Preethi.T	411515104065	HCL	HCL1967
28	Ramya.R	411515104071	HCL	HCL1971
29	Maria Roger Kalvin	411515104048	Hexaware	HEX1957
30	Priyanka.P	411515104069	IDBI	IDBI1187
31	Santhosh Kumar.J	411515104083	IDBI	IDBI1176
32	Sneha.D	411515104095	IDBI	IDBI1181
33	Geetha.R	411515104023	Sutherland Tech	ST19200
34	Roshine.Y	411515104077	Sutherland Tech	ST19210
35	Sri Sai Ganguly.T.P	411515104099	Main tech	MT1969
36	Manikandan.V	411515104047	Main tech	MT1970
37	Sindhuja.N	411515104093	Main tech	MT1973

Assessment Year Name : CAYm2

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Ajith Kumar B	411514104002	Aegis Limited	AEGL901
2	Dhanalakshmi G	411514104020	Aegis Limited	AEGL910
3	Divya R	411514104023	Aegis Limited	AEGL915
4	Hemalatha S	411514104028	Aegis Limited	AEGL921

5	Jeeva M	411514104030	Aegis Limited	AEGL928
6	Madhumathi R M	411514104044	Aegis Limited	AEGL932
7	Nousheen R	411514104059	Aegis Limited	AEGL927
8	Shanmuga Sundari.S	411514104081	Aegis Limited	AEGL935
9	Srinivasan R	411514104085	Aegis Limited	AEGL931
10	Venkatachalapathy K	411514104094	Aegis Limited	AEGL945
11	Vishnu V	411514104105	Aegis Limited	AEGL932
12	Divyapriya K	411514104024	Aegis Limited	AEGL937
13	Kodeeswari L K	411514104040	Aegis Limited	AEGL956
14	Priyanka J	411514104067	Aegis Limited	AEGL975
15	Rosan Benazir M	411514104072	Aegis Limited	AEGL958
16	Bhuvaneswary V K	411514104016	Aegis Limited	AEGL953
17	Damodharan K	411514104018	Aegis Limited	AEGL989
18	Kerthivasan T S	411514104038	Aegis Limited	AEGL923
19	Lokeshwaran R	411514104043	Aegis Limited	AEGL929
20	Sree Aadithya J S	411514104084	Aegis Limited	AEGL959
21	Sellipriyanga C	411514104078	Aegis Limited	AEGL961
22	Atshaya Chella Sowparnika P	411514104013	E Noah I Solutions	ENIS1827
23	Vishali.N T	411514104104	E Noah I Solutions	ENIS1883
24	Aswitha S	411514104012	E Noah I Solutions	ENIS1852
25	Mahibala K	411514104046	E Noah I Solutions	ENIS1865
26	Sanjay Kumar C	411514104075	E Noah I Solutions	ENIS1861
27	Anupriya M	411514104008	E Noah I Solutions	ENIS1876

28	Karthikeyan K	411514104036	E Noah I Solutions	ENIS1823
29	Sujatha P	411514104088	Main tech	MT18531
30	Prasanna M S	411514104063	Paragon Digital Services	PDS18322
31	Sudharsan.T R	411514104087	Paragon Digital Services	PDS18367
32	Tandlam Vamsi Krishna	411514104092	Paragon Digital Services	PDS18345
33	Yamuna Rani.P	411514104106	Paragon Digital Services	PDS18321
34	Kavitha S	411514104037	Paragon Digital Services	PDS18353
35	Swathi.S	411514104091	Paragon Digital Services	PDS18343
36	Joshua Samuel I	411514104032	Sensiple Software Solutions	SEN18432
37	Juvi Raju	411514104033	Sensiple Software Solutions	SEN18445
38	Monica M	411514104053	Sensiple Software Solutions	SEN18461
39	Rafana O	411514104068	Sensiple Software Solutions	SEN18463
40	Vignesh K	411514104095	Sensiple Software Solutions	SEN18452
41	Vignesh S	411514104096	Sensiple Software Solutions	SEN18455
42	Vigneshwaran K	411514104098	Sensiple Software Solutions	SEN18447
43	Arun V	411514104010	Sensiple Software Solutions	SEN18449
44	Om Durga O	411514104060	Sensiple Software Solutions	SEN18465
45	Praveen Kumar M	411514104066	Zealous Services	ZS18230
46	Saranya G B	411514104077	Zealous Services	ZS18234
47	Shanmuga Priya.A	411514104080	Zealous Services	ZS18238
48	Kousalya T	411514104041	Zealous Services	ZS18251
49	Sowmiya S	411514104083	Zealous Services	ZS18243
50	Ananthi T S	411514104007	Paragon Digital Services	PDS18349

Assessment Year Name : CAYm3

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Aaron S	411513104001	First Source	FS17002
2	Ando Lawrence D	411513104005	First Source	FS17007
3	Arun Kumar.M	411513104007	First Source	FS17010
4	Pavithra V	411513104030	First Source	FS17016
5	Sruthilaya B	411513104041	First Source	FS17005
6	Swathi S	411513104042	First Source	FS17018
7	Vimala S	411513104701	First Source	FS17014
8	Ananda Selvi S	411513104003	Tech Mahindra	TECHM1204
9	Bhuvaneswari S	411513104010	Tech Mahindra	TECHM1210
10	Dineshwaran R	411513104013	Tech Mahindra	TECHM1215
11	Gnanapriya V	411513104016	Tech Mahindra	TECHM1218
12	Lokesh Chandra Prasanth	411513104023	Tech Mahindra	TECHM1221
13	Mahalakshmi. S. P	411513104024	Tech Mahindra	TECHM1209
14	Monica Priyadharshini K	411513104025	Tech Mahindra	TECHM1223
15	Sai Prasanth D	411513104035	Tech Mahindra	TECHM1236
16	Tharageswari.S.G	411513104044	Tech Mahindra	TECHM1229
17	Anguraj P	411513104006	Hexaware	HEX1782
18	Dinesh Kumar B	411513104012	Zoho Corp	Zoho17951
19	Divya R	411513104014	Real Image	RI17820
20	Janani Thanigaivel	411513104018	Sutherland Tech	ST17309
21	Kamesh L	411513104019	Paragon Digital Services	PDS1783

22	Vaishali P	411513104046	Sparkle Soft	SS1792
23	Thenammai S	411513104045	Dhonadhi	DH4982
24	Vigneswaran K	411513104050	Dhonadhi	DH4986
25	Vishnu Priya M	411513104051	Dhonadhi	DH4991
26	Parvatha Varthini N	411513104029	COGNIZANT	CG17862
27	Nithin Shyam	411513104027	Paragon Digital Services	PDS1792

4.6 Professional Activities (20)

Total Marks 20.00

4.6.1 Professional societies/ chapters and organizing engineering events (5)

Institute Marks : 5.00

CAY (2018-2019)

DATE	NAME OF THE ASSOCIATION	CHIEF GUESTS
4.08.2018	SPINAETOS-Association of Computer Engineers	Mr.Shabarinath, Founder, Respro Labs

DATE	NAME OF THE EVENT	TITLE	CHIEF GUESTS
15.10.2018, 16.10.2018	I	CS6504 Computer Graphics	Mr.K.Sathish Kumar, Senior Designer, 2Adpro technologies, Bangalore.

CAY (2017-2018)

DATE	NAME OF THE CHAPTER	CHIEF GUESTS
21.9.2017	Computer Society of India	Mr.Raja, Technical Head, Chennai Softech

CSI STUDENT CHAPTER INAUGURATION

The Computer Society of India Student Branch at PERI Institute of technology was formally inaugurated as a glorious ceremony held on 1st of September 2017. The auspicious event was graced with the presence of Mr.Raja– Technical Head, Chennai softtech as a Chief Guest, and Dr.Palson Kennedy - Principal and Head of various Departments as Guests of Honor.

To commence the inauguration on an auspicious note, and to embark upon a journey leading to the light of wisdom the ceremonial lamp was lit. Ms.Dhanalakshmi – President of CSI association delivered the welcome address and motivated the CSI team to contribute significantly towards the technical empowerment of the student members.

The chief guest Mr.Raja shared with the guests that our Institute is responsible not just for imparting knowledge, but for locating knowledge in the society in its quest for contributing to a better future. To further this cause, he encouraged our students to join and actively participate in Professional Bodies like CSI, IEEE and ISTE. This also helps them to widen their professional network and to keep them abreast about the major developments in the domain of Information Technology. He wished that the CSI Student Chapter Inauguration shall be a milestone for the members of the CSI.



The event came to an end with a deep sense of resolve and commitment towards maintaining high standards in the CSI Student and presentation of memento to the esteemed guests.

4.6.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks : 5.00

MAGAZINE NAME	EVENT	EDITORIAL COMMITTEE
PERISE '16	One day National Level conference	Mr.D.Dhinakaran,
Techtonic	Association of Computer Engineers and Technocrats - Inauguration	D.Dinesh Kumar, O.Om Durga, Md.Shakir Alam



4.6.3 Participation in inter-institute events by students of the program of study (10)

Institute Marks : 10.00

Academic Year: 2017-2018

Date	Name of the Student and Class	Event Name	Venue	Award/ Participation
30.07.2017	SubhashBalaji S III CSE	World Biggest International Hands on Security Forensics Workshop	Wikitechy and Microsoft Research Community Group, Chennai	World record Holder
06.08.2017	Dinesh Kumar.M III CSE	Workshop on Android Development	3iTechso Technologies Pvt.Ltd	Participation

09.08.2017	Yazhini M II CSE	Debugging	Sri Sai Ram Institute of Technology	First Prize
09.08.2017	ShakirAlam MD II CSE	Debugging , Google It, Coding, and Surprise Event	Sri Sai Ram Institute of Technology	First Prize
09.08.2017	Yazhini M II CSE	Google It, Coding, and Surprise Event	Sri Sai Ram Institute of Technology	Participation
10.08.2017 &11.08.2017	Dinesh Kumar.M III CSE	Professional Development in Business Analytics	SSN School of Advanced Career Education	Participation
10.08.2017 &11.08.2017	Dinesh Kumar.M III CSE	TCS - SSN SACE Data Challenge	SSN School of Advanced Career Education	Winner
12.08.2017	ShakirAlam MD III CSE	CIN COUT	Velammal Engineering College	Participation
12.08.2017	Vasanth Kumar II CSE	Bug War	Velammal Engineering College	Participation
12.08.2017	Karthick Raja V III CSE	Cave Dwellers	Velammal Engineering College	Second Prize
12.08.2017	Bharath H II CSE	Cave Dwellers	Velammal Engineering College	First Prize
12.08.2017	Karthick Raja V III CSE	Bug War,ZuiQ	Velammal Engineering College	Participation
12.08.2017	Ajith R II CSE	Bug War,	Velammal Engineering College	Participation

12.08.2017	SubashBalaji S III CSE	CIN COUT	Velammal Engineering College	Participation
12.08.2017	Kowsalya III CSE	Bug War,ZuiQ	Velammal Engineering College	Participation
12.08.2017	John Betson J III CSE	Bug War, Quiz, Paper Presentation	Velammal Engineering College	Participation
12.08.2017	SubashBalaji III CSE	Cave Dwellers	Velammal Engineering College	Participation
19.08.2017	Sowmiya S II CSE	Selfiemarda,connexion	Agni College of Technology	Participation
19.08.2017	KousaliyaS II CSE	Selfiemarda,connexion	Agni College of Technology	Participation
19.08.2017	JuviRaju II CSE	Paper Presentation, Technical Quiz	Agni College of Technology	Participation
19.08.2017	Saranya S II CSE	Selfiemarda,connexion	Agni College of Technology	Participation
19.08.2017	Swathi S II CSE	Selfiemarda,connexion	Agni College of Technology	Participation
31.08.2017	ShakirAlam MD II CSE	Paper Presentation	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Swathi S II CSE	Paper Presentation	MeenakshiSundararajan Engineering College	Participation

31.08.2017	Saranya G B II CSE	Paper Presentation	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Saranya G B II CSE	Link O Win	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Swathi S II CSE	Code A Thon Link O Win	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Sowmiya S II CSE	Link O Win, Try It Out	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Om Durga C II CSE	Link O Win, Try It Out	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Kousaliya S II CSE	Link O Win, Try It Out	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Dinesh Kumar.M III CSE	Paper Presentation	Loyola Institute of Technology, Chennai	Second prize
31.08.2017	Harish V III CSE	Paper Presentation	Loyola Institute of Technology, Chennai	Participation
31.08.2017	Ajay Surve III CSE	Paper Presentation	Loyola Institute of Technology, Chennai	Participation
31.08.2017	Karthick Raja III CSE	Paper Presentation	Loyola Institute of Technology, Chennai	Participation
31.08.2017	Ananthi T S III CSE	Link O Win	MeenakshiSundararajan Engineering College	Participation

31.08.2017	Shanmuga sundari S III CSE	Link O Win	MeenakshiSundararajan Engineering College	Participation
31.08.2017	ShanmugaPriya A III CSE	Link O Win Minute to Win it	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Sujatha P III CSE	Link O Win, Minute to Win it	MeenakshiSundararajan Engineering College	Participation
31.08.2017	Dinesh Kumar.M III CSE	Best of Boomerang	Loyola Institute of Technology, Chennai	First prize
31.08.2017	John Retsan III CSE	Best of Boomerang	Loyola Institute of Technology, Chennai	Second prize
22.09.2017	Dinesh Kumar.M III CSE	Web designing, Tech Q &Technexion	Jerusalem College of Engineering	Participation
16.11.2017	HariPriya S I CSE	Quiz Competition	Peri Institute of Technology	Second prize
18.11.2017	Elavarasan M. I CSE	Code Debugging	Adhi College of Engineering & Tech.	First prize
29.12.2017 to 31.12.2017	Dinesh Kumar.M III CSE	Digitalize	IIT Bombay	Participation
05.01.2018	ShakirAlam MD II CSE	Web design, Poster design and Quiz	S .A. Engineering College	Participation
05.01.2018	Yazhini M II CSE	Web design, Poster design and Quiz	S .A. Engineering College	Participation

05.01.2018	Gayathri M II CSE	Web design, Poster design and Quiz	S .A. Engineering College	Participation
02.02.2018	MalavikaShreedevi K A II CSE	Code War & Google It	Eshwari Engineering College	Participation
09.02.2018	Bharath R I CSE	Bug Fix	Jeppiaar Institute of Technology	First Prize
09.02.2018	SubashBalaji S II CSE	Selftees Design	Dhanalakshmi Srinivasan College of Engineering	Participation
24.02.1018	Dinesh Kumar.M III CSE	Exploring Patent Drafting and Filing Aspects	Prathyusha Engineering College	Participation
10.03.2018	ShakirAlam MD II CSE	Clash Royale	Jeppiaar Engineering College	First Prize
10.03.2018	ShakirAlam MD II CSE	Code O Bug	Jeppiaar Engineering College	Third Prize
10.03.2018	Siva SaiVignesh M II CSE	Code O Bug	Jeppiaar Engineering College	Third Prize
15.03.2018	Dinesh Kumar.M III CSE	Best Student Project 2017	Dr.Kalam Educational Trust for Tribal	Appreciation

AcademicYear: 2018-2019

Date	Name of the Student and Class	Event Name	Venue	Award/ Participation
18.08.2018	ShakirAlam MD III CSE	Web Designing	Velammal Engineering College	First Prize

29.08.2018	ShakirAlam MD III CSE	Gaming	Dhaanish Ahmed College of Engineering	First Prize
29.08.2018	ShakirAlam MD III CSE	Web Hunt	Dhaanish Ahmed College of Engineering	Second prize
29.08.2018	Siva SaiVignesh M III CSE	Gaming	Dhaanish Ahmed College of Engineering	Participation
29.08.2018	Siva SaiVignesh M III CSE	Web Hunt	Dhaanish Ahmed College of Engineering	Third Prize
29.08.2018	Vasanth Kumar S III CSE	Web Hunt	Dhaanish Ahmed College of Engineering	Third Prize
01.09.2018	SubhashBalaji S III CSE	Digital planet	St.Joseph Institute of Technology	Third Prize
15.09.2018	HariPriya S II CSE	National level Technical Symposium	Peri Institute of Technology	Appreciation
15.09.2018	Subash S II CSE	National level Technical Symposium	Peri Institute of Technology	Appreciation
15.09.2018	Ajith R III CSE	National level Technical Symposium	Peri Institute of Technology	Appreciation
15.09.2018	SubashBalaji S III CSE	National level Technical Symposium	Peri Institute of Technology	Appreciation

AcademicYear: 2019-2020

Date	Name of the Student and Class	Event Name	Venue	Award/ Participation
14.08.19	R.B.Nivethitha III CSE	Paper Presentation	KCG College of Engineering	Participation
14.08.19	V.Keerthiga III CSE	Paper Presentation	KCG College of Engineering	Participation
20.09.19	S.Siva Karthick III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	S.Arthi III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	S.Surendran III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	C.Naveen III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	B.Dhaya III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	Ebenezer Solomon III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	Anukul Kiran III CSE	Ex-quiz	Sathyabama University	Participation

20.09.19	S.Arthi III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	I.Ajith Kumar III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	R.Priya III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	R.Sathana III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	Bhuvaneshwari III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	S.Gokul III CSE	Ex-quiz	Sathyabama University	Participation
20.09.19	M.Dharmaraj III CSE	Ex-quiz	Sathyabama University	Participation
23.09.19	P.Sathiyaseelan II CSE	Bug Buster	DMI College of Engineering	Participation
24.09.19	K.Nithyashree III CSE	Cleverbot – Quiz	Sri Sairam Engineering College	Second Prize
24.09.19	R.Varsha III CSE	Cleverbot – Quiz	Sri Sairam Engineering College	Participation
24.09.19	R.B.Nivethitha III CSE	Paper Presentation	Sri Sairam Engineering College	Participation

24.09.19	V.Keerthiga III CSE	Paper Presentation	Sri Sairam Engineering College	Participation
24.09.19	D.M.Sonia III CSE	Paper Presentation	Sri Sairam Engineering College	Second Prize

5 FACULTY INFORMATION AND CONTRIBUTIONS (200)

Total Marks 179.03

Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial of Joir
RAJKUMAR.S	ANZPR4259E	M.E/M.Tech	15/05/2014	COMPUTER SCIENCE AND ENGINEERING	8	0	0	Assistant Professor		05/08/14
PANNEER SELVI R	BKZPP9535R	M.E/M.Tech	15/07/2011	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		14/08/14
R SELVI	BMFPS4044C	M.E/M.Tech	12/06/2012	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		24/01/14

SUGIN S.V	CJJPS5350R	M.E/M.Tech	10/04/2014	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		02/07/2014
SUBHASHINI A	BGWPA3279C	M.E/M.Tech	13/08/2015	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		01/07/2015
V KAVITHA	BNZPK7053A	M.E/M.Tech	30/06/2009	COMPUTER SCIENCE AND ENGINEERING	3	0	0	Associate Professor	09/07/2009	04/06/2009
PRINSLIN L	DBDPP6636Q	M.E/M.Tech	09/05/2014	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		01/08/2014
S RAHINI SUDHA	BMHPR5697G	M.E/M.Tech	30/05/2013	COMPUTER SCIENCE AND ENGINEERING	3	0	0	Assistant Professor		12/06/2013
M.PREETHA	CMOPP2843Q	M.E/M.Tech	31/05/2012	COMPUTER SCIENCE AND ENGINEERING	3	0	0	Assistant Professor		24/07/2012
M.VAISHNAVI	AKRPV4271D	M.E/M.Tech	31/05/2013	DATABASE SYSTEMS	0	0	0	Assistant Professor		14/06/2013
K.VARALAKSHMI	AHJPV0727D	M.E/M.Tech	14/05/2012	COMPUTER SCIENCE AND ENGINEERING	3	0	0	Assistant Professor		05/11/2012
S VINITHA	BOAPS4424K	M.E/M.Tech	01/06/2006	CSE	3	0	0	Assistant Professor		25/06/2006
A REVATHI	AQAPR3026M	ME/M. Tech and PhD	10/06/2019	CSE	5	0	0	Associate Professor	01/10/2014	13/06/2019
RAJAGANAPATHY.C.D	ALDPR8297A	MCA and PhD	01/02/2018	COMPUTER APPLICATIONS	3	0	0	Associate Professor	02/02/2018	23/08/2018

GOPALAKRISHNAN.S	AQZPG6886F	M.E/M.Tech	12/04/2010	INFORMATION TECHNOLOGY	3	0	0	Associate Professor	12/06/2017	12/06/17
KALAISELVI.P	CIMPK5434J	M.E/M.Tech	24/05/2013	CSE	3	0	0	Assistant Professor		14/06/17
ARUL SANDANA RANI.A	BNJPA9073L	M.E/M.Tech	05/05/2014	CSE	0	0	0	Assistant Professor		01/10/17
DHINAKARAN.D	AZCPD4282G	M.E/M.Tech	01/05/2009	CSE	4	0	0	Assistant Professor		19/06/17
RANGANAYAKI.J	BBBPR7218C	M.E/M.Tech	07/06/2011	CSE	2	0	0	Assistant Professor		19/06/17
RENUKA.M	DAKPM5940N	M.E/M.Tech	10/04/2012	CSE	2	0	0	Assistant Professor		31/08/17
RAMYA PRIYATHARSINI.T.G	BSCPR4060E	M.E/M.Tech	16/06/2011	CSE	2	0	0	Assistant Professor		22/08/17
JOY ANGEL ANCELITTA .S	BRRPA6302A	M.E/M.Tech	10/06/2015	CSE	2	0	0	Assistant Professor		17/08/17
RICHARD JIMREEVES.J.S	CBTPR7747H	M.E/M.Tech	03/06/2013	CSE	2	0	0	Assistant Professor		21/06/17
MESSIAH BOSE.A	ALBPB6471S	M.E/M.Tech	04/06/2012	CSE	2	0	0	Associate Professor	19/12/2016	19/12/16
ANTONY KUMAR	AIOPA1039B	M.E/M.Tech	06/06/2011	CSE	2	0	0	Associate Professor	02/05/2018	02/05/18
KARTHIK.V	BGZPK2313N	M.E/M.Tech	02/06/2010	CSE	2	0	0	Assistant Professor		01/09/17
LENA BHARATHI.T	AEVPL5028C	M.E/M.Tech	03/06/2013	CSE	0	0	0	Assistant Professor		21/08/17
VINOTH.M.P	ABMPV5486A	ME/M. Tech and PhD	03/07/2017	CSE	2	0	0	Professor	22/12/2017	22/12/17

PALSONKENNEDY.R	AVTTP4389B	ME/M. Tech and PhD	15/05/2015	CSE	7	0	0	Professor	05/06/2015	05/06/2015
ARUNA JASMINE.J	BAIPA9944G	M.E/M.Tech	23/05/2014	CSE	2	0	0	Assistant Professor		24/06/2014
BENITHA CHRISTINAL .J	APYPJ7728P	M.E/M.Tech	27/05/2011	CSE	0	0	0	Assistant Professor		12/06/2011
NAGESWARAN.A	AGWPN2517K	ME/M. Tech and PhD	20/02/2015	CSE	3	0	0	Professor	02/01/2017	08/05/2017
RAZIK AHMED.M.G	AYFPR6867H	M.E/M.Tech	23/05/2013	CSE	0	0	0	Associate Professor	06/01/2016	06/01/2016
JAYAPRABHA	BOQPJ4489F	M.E/M.Tech	30/05/2014	CSE	0	0	0	Assistant Professor		04/03/2014
S ANBU	AGTPA0097N	ME/M. Tech and PhD	22/06/2011	CSE	37	4	0	Professor	20/08/2019	20/08/2019
MARUTHUPERUMAL S	CTRPM8733E	ME/M. Tech and PhD	10/12/2011	CSE	4	0	0	Associate Professor	02/06/2017	02/06/2017
C.SURESHKUMAR	CKPRS3728J	ME/M. Tech and PhD	09/05/2011	CSE	6	0	0	Professor	04/01/2018	04/01/2018
PAVAN KUMAR M	BPRPK1750C	ME/M. Tech and PhD	19/11/2012	CSE	4	0	0	Associate Professor	03/01/2017	03/01/2017
K.G.S. VENKATESAN	AFVPV6827N	ME/M. Tech and PhD	03/09/2012	CSE	2	0	0	Associate Professor	03/01/2018	03/01/2018
CARMEL PRABHA	AIPPC4854R	ME/M. Tech and PhD	12/06/2018	CSE	4	0	0	Associate Professor	18/05/2018	18/05/2018
LEKHA.P	AERPL7832C	M.E/M.Tech	26/05/2011	IT	0	0	0	Assistant Professor		11/07/2011

VIJAYAKUMAR.R	ANRPV4782G	M.E/M.Tech	10/06/2009	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		20/08/2019
SARAVANAN	BZQPS0272N	ME/M. Tech and PhD	09/06/2015	COMPUTER SCIENCE AND ENGINEERING	4	0	0	Associate Professor	20/08/2019	20/08/2019
LAVANYA.M	Exempted	M.E/M.Tech	07/06/2017	COMPUTER SCIENCE AND ENGINEERING	0	0	0	Assistant Professor		05/08/2017

5.1 Student-Faculty Ratio (20)

Total Marks 20.00

Institute Marks : 20.00

UG

No. of UG Programs in the Department

1

B.E						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	120	2	120	3	120	2
3rd Year	120	2	120	2	120	1
4th Year	120	2	120	1	120	2
Sub-Total	360	6	360	6	360	5
Total	366		366		365	
Grand Total	366		366		365	

PG

No. of PG Programs in the Department 1

M.E			
Year of Study	CAY(2019-20)	CAYm1(2018-19)	CAYm2 (2017-18)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	0	24	24
2nd Year	24	24	24
Total	24	48	48
Grand Total	24	48	48

SFR

No. of UG Programs in the Department

1

No. of PG Programs in the Department

1

Description	CAY(2019-20)	CAYm1 (2018-19)	CAYm2 (2017-18)
Total No. of Students in the Department(S)	390 Sum total of all (UG+PG) students	414 Sum total of all (UG+PG) students	413 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	29 F1	32 F2	31 F3
Student Faculty Ratio(SFR)	13.45 SFR1=S1/F1	12.94 SFR2=S2/F2	13.32 SFR3=S3/F3
Average SFR	13.24 SFR=(SFR1+SFR2+SFR3)/3		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2019-20)	28	1
CAYm1(2018-19)	31	1
CAYm2(2017-18)	31	0

Average SFR for three assessment years : 13.24

Assessment SFR : 20

5.2 Faculty Cadre Proportion (25)

Total Marks 25.00

Institute Marks : 25.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2019-20)	2.00	3.00	4.00	3.00	13.00	22.00
CAYm1(2018-19)	2.00	3.00	4.00	3.00	13.00	25.00
CAYm2(2017-18)	2.00	2.00	4.00	2.00	13.00	27.00
Average Numbers	2.00	2.67	4.00	2.67	13.00	24.67

Cadre Ratio Marks $[(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 12.5$: 25.00

5.3 Faculty Qualification (25)

Total Marks 19.68

Institute Marks : 19.68

	X	Y	F	FQ = 2.5 x [(10X + 4Y) / F]
2019-20(CAY)	7	22	19.00	20.79
2018-19(CAYm1)	7	24	20.00	20.75
2017-18(CAYm2)	4	25	20.00	17.50

Average Assessment : 19.68

5.4 Faculty Retention (25)

Total Marks 15.00

Institute Marks : 15.00

Description	2018-19	2019-20
No of Faculty Retained	28	17
Total No of Faculty	31	31
% of Faculty Retained	90	55

Average : 73.00

Assessment Marks : 15.00

5.5 Innovations by the Faculty in Teaching and Learning (20)

Total Marks 20.00

Institute Marks : 20.00

Innovations by the Faculty in teaching and learning shall be summarized as per the following description.

Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities may include innovations not limited to, use of ICT, instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Any contributions to teaching and learning should satisfy the following criteria:

- The work must be made available on Institute website.

- The work must be made available for peer review and critique.
- The work must be reproducible and developed further by other scholars.
- The department / institution may setup appropriate processes for making the contributions available to the public, getting them reviewed and for rewarding. These may typically include statement of clear goals, adequate preparation, use of appropriate methods, significance of results, effective presentation and reflective critique.

- **Innovations by the Faculty in use of ICT**

- **Video lectures (Resources from NPTEL):**

The course content of National Programme on Technology Enhanced Learning (NPTEL) is useful for faculty training and helps the students for better understanding of the concepts. It involves using the resources provided in NPTEL database by integrating the NPTEL material into their own teaching materials. The faculty also use the video lectures provided by reputed international institutions to provide valuable insights into specific concepts for teaching content-beyond-syllabus topics.

- **Innovative tools used by the Faculty in Teaching and Learning Process:**

Multimedia Learning Process: The faculties are using multimedia elements LCD projectors in the Class room. It will help the faculties to represent the content in a more meaningful way using different media elements.

Various multimedia tools used are:

Tools	Methods	Metaphor
Power point presentation by referring E-learning videos	Easy to prepare and it can prepared with many of the popular multimedia techniques	Slide based
Adobe Acrobat Reader	Easy to prepare with word documents if u have adobe reader5 with many popular multimedia elements like charts and graphics sounds	Book Based
Demonstration videos and Lectures	Easy to prepare and download	Web based Learning

- **Appropriate Methods to improve Teaching and Learning Process with relevance Curriculum**

CAY: 2017 – 2018

SNo	Topics	Workshop /FDP/ Seminar/ TechnicalTalk	Date	Resource Person With designation
1	Grid & cloud computing	FDP	14-06-2017, 15.06.2017	Mr.Yuvaraj Corporate Trainer, Eye open Technologies
2	Women self empowerment	Seminar	30-11-2017	Dr.Sharmila Anand Founder and MD of SEHPL (Santhosh Education and Health care pvt. ltd.,)
3	Personality Development Programme	TechnicalTalk	22.12.2017	Mr.V. Prasanna Venkatesan, International Success Coach, Author & Advocate
4	Training on Proteus Design Suite Software	Workshop	5.7.2018	Mr. Asborn, M.E./KCG college of technology
5	Career Guidance & Future Prospects	TechnicalTalk	23.7.2018	Mr.N.C.Balachandran, Director Career development & placement(Rtd)
6	IOT	TechnicalTalk	25.7.2018	Mr.Shivaprasad Trainer & Developer, Fresh skills

CAY: 2018 – 2019

SNo	Topics	Workshop / FDP/Seminar / TechnicalTalk	Resource Person With designation
1	Operating Systems	Guest Lecture	Mr.Ranjith Sengupta, Director & COO, Advantage Pro & Vectra Technosoft Pvt. Ltd.
2	Artificial Intelligence	Seminar	Mr.Shivaprasad Trainer & Developer, Fresh skills
3	Professional Ethics in Engineering	Guest Lecture	Mr.V.G.Shanmugham, Founder & CEO, Shan Software Services
4	Grid & Cloud Computing	Workshop	Mr. Yuvaraj, Corporate Trainer, Eye Open Technologies
5	Professional Ethics in Engineering	Guest Lecture	Mr.N.C.Balachandran, Director, Career Development & Placement

Students Projects:

- Term projects are given for second and third year students apart from the regular curriculum during semester holidays to motivate them for group learning and having hands on experience.
- Students are motivated to work on socially relevant projects.

Innovative methods adopted for Teaching

◦ Quiz:

At the start of the lecture, faculty regularly conduct a follow-up quiz on the material covered in previous lecture to review & revise the previous concepts for the benefit of the students.

◦ Group Discussions:

This involves the use of group discussion among the students to assess the application of various concepts. By discussing among themselves the students gain better perspective about the merits & demerits of the various concepts.

• Role Play:

In explaining complex systems the faculties use the role-play method where each sub-system is enacted by a particular student, to better involve the students into the teaching-learning process.

- **Case Studies:**

Teaching using case studies enable the students to apply what they have learnt in the classroom to real life situations. Case studies also encourage students to develop logical problem solving skills and it helps the students to define problems, analyze possible alternative actions and provide solutions with a rationale for their choices.

- **Activity Based Learning:**

Faculty members can make teaching more interesting by this method. A lot of activities should be done in our class. Activities bring activeness and smartness among the students. Students engaged in active, deep learning are not passively taking in information from instructor.

- **Problem-based learning:**

Activities are similar to case studies but usually focus on quantitative problems. In some cases the problems are designed to introduce the material as well as provide students with a deeper learning opportunity.

- **Debate:**

Engaging in collaborative discourse and argumentation enhances student's conceptual understandings and refines their reasoning abilities. Stage a debate exploiting an arguable divide in the day's materials. Give teams time to prepare, and then put them into argument with a team focused on representing an opposing viewpoint. Advantages include practice in using the language of the discipline and crafting evidence-based reasoning in their arguments.

- **Assignments:**

Giving assignments to the class can provide an opportunity for them to apply critical thinking skills as well as help them to learn course content.

- **Interactive Seminars:**

Each class is assigned seminar hour in a week. In this activity, each group in a class will prepare a two page summary of the recent research topic or technical facts that will be presented by the group to the class members.

- **Class Committee Meeting :**

- A forum for the staff and the students to discuss openly the issues in the course work.
 - The feedbacks about the course delivery are discussed.
 - The meeting is conducted twice in a semester for each class.

- **Innovations by the Faculty in assessment & evaluation** include developing a novel setup for conducting assessment tests. It involves providing the students 3-4 study hours prior to the internal assessment tests, during which the faculty will be present to answer the queries of the students. This

arrangement of the study hours prior to the assessment tests will help to gear-up the preparation mindset into the students for achieving higher scores in the internal assessment tests.

◦ **Task Force for Slow Learners :**

Special coaching class and evening stay back classes for students having arrears is conducted exclusively under the direct supervision of the faculty.

The individual subject faculty discusses about the concepts, previous year university question papers and explains how to solve the problems in easier method.

◦ **Technical Symposium :**

An annual national level technical symposium is conducted to engage the students organizing and communication skill.

◦ **Competitive exams :**

For the students to learn the interview process ,Mock placement and online tests are conducted inline with different company requirements.

Extensive awareness is created among the students about the openings in different

public sector undertakings and the national level examinations for government services.

◦ **Advanced Tools:**

- Students are taught advanced versions in Software like PHP, Data Mining Tools (WEKA, KNIME, RapidMiner), Networking Tools (QualNet, MatLab), Computer Graphic Software (OpenGL) etc.,

◦ **Faculty Peer Group:**

The faculty is identified based on their area of specialization and peer groups are formed. Every Group meets regularly and discusses about

- Lesson Plan
- Content Delivery
- Content Beyond Syllabus
- Course Progress and Review
- Question Paper and Assignment
- Research Activities
- Conduct of Seminar and Workshops &
- Identification of Research / Major - Mini Projects

Question banks are prepared based on subsequent occurrence on university question paper (both small and big question) for all the courses of the department of computer science and

Engineering are being transferred into the institute website regularly the same is also circulated via group email ID. This approach helps the students to concentrate on specific problems which help in improving the results of slow learners

5.6 Faculty as participants in Faculty development/training activities/STTPs (15)

Total Marks 11.35

Institute Marks : 11.35

Name of the faculty	Max 5 Per Faculty		
	2018-19 (CAYm1)	2017-18 (CAYm2)	2016-17 (CAYm3)
Dr.Palson Kennedy	5.00	2.00	0.00
A.Revathi	2.00	2.00	3.00
S.Gopalakrishnan	2.00	2.00	3.00
Dr.Nageswaran	2.00	3.00	0.00
V.Kavitha	3.00	2.00	3.00
S.Rahinisudha	2.00	2.00	3.00
S.Vinitha	2.00	3.00	3.00
K.Varalakshmi	2.00	3.00	3.00
D.Dhinakaran	2.00	2.00	0.00
V.Karthik	2.00	2.00	0.00

J.Ranganayaki	2.00	2.00	3.00
M.Renuka	2.00	2.00	3.00
P.Kalaiselvi	2.00	3.00	3.00
M.Preetha	2.00	2.00	0.00
Richard Jimreeves	1.00	2.00	0.00
J Aruna Jasmine	0.00	2.00	3.00
S.Joy angel Ancelitta	2.00	2.00	3.00
Ramya Priyadharshni T.G	2.00	2.00	3.00
P.Lekha	2.00	0.00	0.00
Sum	39.00	40.00	36.00
RF = Number of Faculty required to comply with 20:1 Student Faculty Ratios per 5.1	19.50	20.70	20.65
Assessment [$3 \times (\text{Sum} / 0.5\text{RF})$]	12.00	11.59	10.46

Average assessment over 3 years: 11.35

5.7 Research and Development (30)

Total Marks 28.00

5.7.1 Academic Research (10)

Institute Marks : 10.00

Academic research includes research paper publications, Ph.D. guidance, and faculty pursuing Ph.D. during the assessment period.

Number of quality publications in refereed / SCI Journals, citations, Books / Book Chapters etc. (6)

Academic Year	National and International Journals	National and International Conferences	Books Published	Total
2018 – 19	0	28	3	31
2017 – 18	43	43	0	86
2016 – 17	2	0	0	02
	Total			119

Technical Paper Publications by Faculty Members**2018 – 2019**

1. **Dr.R.Palson Kennedy**, P.R.Jasmine Jeni, 3.Dr.K.Sakthidasan,(2018)” Reliable army knowledge management process using perception tacit knowledge with xenogeneic deep neural networks” International journal on Telecommunications. (Under review-accepted for publication.Dec2018).c2
2. **Dr.R.Palson Kennedy** Invited as general Chair & session chair of international conference in Maldives during 2018-19.
3. **A. Revathi**, “Indian Air Quality Analysis and Prediction using Machine Learning” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
4. **K. Varalakshmi**, “Liver And Heart Disease Prediction” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
5. **P. Lekha** “Analysis Brainwaves To Access Stoke Possibility” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
6. **S. Vinitha** “A Block Chain Based Access Control For Cloud Storage” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
7. **P. Lekha**, “Sentimental Analysis Of Food Products Using Deep Embedding And Incremental Learning” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
8. **M. Preetha**, “Secured Biometric Data in Cloud” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
9. **M. Preetha**, “The Android App to Alert People and Fire station via Notification” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
10. **V. Kavitha**, “Privacy Characterization and Quantification in Data Publishing” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
11. **K. Varalakshmi**, “Modular System for Customized Automation” International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology

12. **V.Kavitha**, "Trainee Information Management System Using ASP.NET" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
13. **V.Kavitha**, "Animal Intrusion Detection System in Farm/Forest Corridor Areas" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
14. **S. Vinitha**, "Online Billing Management System" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
15. **A. Revathi**, "Vision Based Object, Gesture And Speech Recognition using AI" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
16. **S. Rahini Sudha**, "Hand Gesture Recognition to Control Various Application using Distance Based" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
17. **D. Dhinakaran**, "Furnishing Multi Source Data About Public Supposition And Activities For Informed Design" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
18. **M. Renuka**, "Efficient Retrieval From Cloud Storage" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
19. **Richard Jim Reeves**, "Fisherman Border Security Using IOT" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
20. **S. Gopala Krishnan**, "Vehicle controlled through mobile application (or) PC0." International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
21. **Dr.A. Nageswaran**, "IP Spoofing Attack Detection and Its Recovery." International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
22. **Dr.A. Nageswaran**, "Twitter Product Sentiment Analysis Using Machine Learning Algorithm" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
23. **S. Gopala Krishnan**, "Vehicle controlled through mobile application (or) PC0." International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
24. **M. Renuka**, "Detection Of Pneumonia Fluid Filled Air Sac Lobules Using Neural Network" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
25. **Ramya Priyadharshini**, "Enrooting And Downsizing The Dumb Yard Using Data Analytics Technique", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
26. **S. Joy angel ancillita**, "Priority Queue Based Mechanism In Vanet" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
27. **V. Karthik**, "Stock Maintenance Prediction Using Artificial Neural Networks." International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology
28. **V. Karthik**, "Implementation Of K-Means Clustering In Messaging Service Using Hadoop" International Conference on Informatics, Robotics, Construction & Communication (ICIRCC19) April 2019 at PERI Institute of Technology

2017 – 2018

1. **Dr.A. Nageswaran**, Classification to Avoid Data Redundancy Removal before Persist the Data in a DBMS', International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 7, Issue 11, November 2017).
2. **Revathi.A**, Paul Rodrigues & Raja.J 2017,"Securing Shared Data in E-Learning using Three Tier Algorithm Of Compression Combined Hybridized Encryption", Journal Of Computational and Theoretical Nanoscience, Vol.14,no.10,October,pp.4655-4663.
3. **Dhinakarn.D**,Dr Joe Prathap P M,"A study of Data Mining: Frequent item set Mining methods Apriori, FP growth, Eclat", International Journal of scientific research in computer science & Engineering and Information Technology(IJSRCSEIT), ISSN:2456-3307,volume 2 issue 6,pp.526-533,November-december 2017
4. **Revathi.A**,"Knowledge Based Access Control in E-learning Through Learner Activity Analysis",International Conference on Informatics, Robotics, Construction & Communication(ICIRCC18) April 2018 at PERI Institute of Technology.
5. **M.Renuka**, "SemanticSLAM: Using environment landmarks for unsupervised indoor localization", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
6. **S.Rahini sudha**, " Vanet security using new greedy behaviour approach", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
7. **M.Preetha**, "Trusted a cloud authority controlled by federated cloud", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
8. **Lena Bharathi**, "Employee performance workflow minning in clouds", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
9. **S.Gopala Krishnan**, " Review Based Business intellgient application on food industry using sentiment analysis and data mining", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
10. **J.Ranganayaki**, " Security based system using moblie applications" , International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
11. **S.Joy Angel Ancelitta**, " An effective password authentication system using image with smart way of password recovery in support for wise banking services", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
12. **V.Kavitha**, "XSS in online social networks attacks and counter measures", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
13. **K.Varalakshmi**, "Pioneering Multiple Genomic and Proteomic Data using MIRNA and Transcription Factor for Gene Disease Identification", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
14. **J.Ranganayaki**, "Service cloud communication using encryption standards", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.

15. **S.Gopala Krishnan**, "Implementation of smart shopping system using IOT", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
16. **K.Varalakshmi**, "Provides Security in Cloud using Multicloud & Slicing Algorithm", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
17. **Ramya Priyadharshini**, "Surveillance traffic controller", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
18. **Dr.A.Nageswaran**, "Creating secured clouds by continuous auditing and providing certification", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
19. **S.Vinitha**, "Cancer diagnosis using medical records", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
20. **S.Rahini Sudha**, "Cloud computing adaptive framework", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
21. **M.Preetha**, "DDOS Detection and mitigation on websites using http flood", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
22. **D.Dhinakaran**, "Providing restriction against attack and congestion control on public infrastructure cloud", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
23. **Richard Jim Reeves**, "Real time junk observation & characteristics analysis in twitter", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
24. **J.Aruna Jasmine**, "SALT-Secure android location tracking", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
25. **Dr.A.Nageswaran**, "An secure cloud based web application to prevent clone attack using discrete wavelet transform & java static watermarking", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
26. **M.Renuka**, "Cryptographic implementation of aggregate-key encryption for data sharing in cloud storage", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
27. **V.Karthik**, "Achieving Deduplication across different domains of big data in cloud Ensuring efficiency and privacy", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
28. **V.Kavitha**, "Flicker-extensive data analysis and probabilistic prediction using data mining approach", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
29. **A.Revathi**, "A secure cloud based web application against Pollution attack and convincing file techniques", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
30. **S.Joy Angel Ancelitta**, "Cryptoimage: efficient cryptosystem for data hiding in high dynamic range images", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
31. **P.Kalaiselvi**, "End to End Schedulability tests for multiprocessor to design: patterns building effective algorithms", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.

32. **S.Vinitha**, "Analysis of disease from multiple healthcare data by using HL7 message on HDFS", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
33. **J.Aruna Jasmine**, "Three factor authentication for cloud service provider invoking authentication and multiple cloud storage system", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
34. **V.Karthik**, "Prognosticating the driver stress level", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
35. **Lena Bharathi**, "Building a robust authentication system and questions for fallback authentication", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
36. **Richard Jim Reeves**, "Deadline Based Resource Provisioning and Scheduling Algorithm for Scientific Workflows on Clouds", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
37. **D.Dhinakaran**, "Recommender system for research studies using graph based article ranking", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
38. **P.Kalaiselvi**, "Preserving the location and seamless data distribution in mobile environment", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
39. **Dr.A.Nageswaran**, "Student GIS", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
40. **Ramya Priyadharshini**, "Secure data dissemination & management in mobile cloud computing", International Conference on Informatics, Robotics, Construction & Communication (ICIRCC18) April 2018 at PERI Institute of Technology.
41. **K.Varalakshmi**, "Geonomic and Proteomic Knowledge Base(GPKB) for Gene Disease Identification and Medical Diagnostics using MF, CC, BF, MicroRNA and Transcription Factor", International Conference in NC2(ET) on 22nd & 23rd March 2018 at Sri Lakshmi Ammal Engineering College.
42. **P.Kalaiselvi**, "Preserve Loc: Preserving the Location and Seamless Data Distribution in Mobile Environment", International Conference in NC2(ET) on 22nd & 23rd March 2018 at Sri Lakshmi Ammal Engineering College..
43. **S.Vinitha**, "Analysis of disease from multiple health care data y using HLT message on HDFS", International Conference in NC2(ET) on 22nd & 23rd March 2018 at Sri Lakshmi Ammal Engineering College.

2016 – 2017

International Journal

1. **Dr.R.Palson Kennedy**, Kalyana Sundaram, N Karthik V, (2017) "Modelling of Map Reduce Performance for Work Control and Supply Provisioning" International Journal on Future Revolution in Computer Science & Communication Engineering Volume 3 Issue 10
2. **Revathi.A & V.Keshiya** 2016, "An Anonymous Access Control To Support Multi-Keyword Ranked Search For Mobile Cloud", IJETCSE ISSN:0976-1353

2015 - 2016

International Journal

1. **Revathi.A** & Paul Rodrigues 2015,"Review Of Suitable Encryption For Cloud To Achieve Data Privacy And Access Control", International Journal Of Applied Engineering Research ISSN 0973-4562 Vol 10 no.8,pp. 20613-20620.

Patents and Awards

2017 - 2018

1. **Dr.R.Palson Kennedy** produced a pattern for Hidden Camera Destroyer using EMP.2017-18.
2. **Dr.R.Palson Kennedy** Received Best **Administrator'** award by Dr kalam Educational Trust for tribal- 2017.

2018. – 2019

1. **Dr.R.Palson Kennedy** produced a pattern for Design & Implementation of pre paid LED Luminaire control using IR remote. 2018-19
2. **Dr.R.Palson Kennedy** Selected for **Best Principal of the Year Award** in "Global Education and Corporate Leadership Awards (GECL-2018) recognition of exceptional calibre and outstanding performance.

Books Published

2018 – 19

1. **Dr.R.Palson Kennedy** Published a book on "Problem solving & Python Programming". for 1st semester (all Branches) of AU 2017 Regulation. with 2 marks questions & answers, exercises & Lab Manuals by Charulatha publications.chennai-33. ISBN No. 978-93-88335-08-9.
2. **Dr.R.Palson Kennedy** Published a book on "Object oriented Analysis & Design ". for 5th semester of AU 2017 Regulation. with 2 marks questions & answers, exercises & Lab Manuals by Charulatha publications.chennai-33. ISBN No. 978-93-88335-84-3
3. **Dr.R.Palson Kennedy** Published a book on "Computer Architecture & Organisation ". for 5th semester of AU 2017 Regulation. with 2 marks questions & answers, exercises & Lab Manuals by Charulatha publications.chennai-33. ISBN No. 978-93-88335-86-7.

Ph.D. guided /Ph.D. awarded during the assessment period while working in the

Institute

Faculty members are encouraged and allowed to acquire higher qualifications and register for Ph.D.

The details of research scholars of our department, Ph. D awarded faculty and research scholars guided by our faculty

No. Of Ph.d Awarded	No. Of Ph.d Guided	Ongoing Ph.d
3	1	3

5.7.2 Sponsored Research (5)

Institute Marks : 4.00

2018-19 (CAYm1)

Project Title	Duration	Funding Agency	Amount

2017-18 (CAYm2)

Project Title	Duration	Funding Agency	Amount
Tamilnadu Skill development Corporation	9 months	PERI SOFTWARE	935000.00
			Total Amount(Y): 935000.00

2016-17 (CAYm3)

Project Title	Duration	Funding Agency	Amount
Online Inspection and Monitoring systems	6 MONTHS	PERI SOFTWARE	750000.00
			Total Amount(Z): 750000.00

Cumulative Amount(X + Y + Z) =

5.7.3 Development Activities (10)

Institute Marks : 10.00

Product Development

The following Software Products have been developed in the laboratory

Product Development

S.No	Name of the Product	Name of the Mentor
1	Smart Shopping System	Ms.S.Vinitha
2	GPS System	Dr.Nageshwaran
3	Security Alarm	Mr.Richard Jimreeves
4	Vechicle Controller	Mr.Gopalakrishnan
5	Animal Intrusion Detection System	Ms.V.Kavitha

Research Laboratories

The list of available research laboratories is shown in the following table, and the lab is utilized for internal projects

S.No	Name of the Laboratory	Utilization
1.	IOT Lab	Students are utilizing this for internal projects

Instructional Materials:

A Courseware is developed which Contains Study Materials for all the laboratories and Theory Subjects

1. Laboratory Manuals
2. Lecture Notes
3. Power Point Presentation
4. NPTEL Lecture Videos
5. Vision and Mission
6. Do's and Dont's

- 7. Circular
- 8. Time Table

Working models/Charts/Monograms

Charts pertaining to the lab courses as prescribed in the Anna University syllabus are displayed in the labs.

5.7.4 Consultancy(from Industry) (5)

Institute Marks : 4.00

2018-19 (CAYm1)

Project Title	Duration	Funding Agency	Amount
Peri trainee management neem business development- using Mobile app	6 months	PERI Software	900000.00
			Total Amount(X): 900000.00

2017-18 (CAYm2)

Project Title	Duration	Funding Agency	Amount

2016-17 (CAYm3)

Project Title	Duration	Funding Agency	Amount

Cumulative Amount(X + Y + Z) =

5.8 Faculty Performance Appraisal and Development System (FPADS) (30)

Total Marks 30.00

Institute Marks : 30.00

The Institution is committed to move on the path of excellence with a clear vision for quality of education and research. Image of any academic institution is determined by the quality of its faculty, their research and academic achievements. The Institution provides full freedom to the faculty members in performing academic work of their choice within a framework. So, it is necessary to periodically review the faculty performance to ensure the following.

- The work done by faculty is in tune with the university's national and international requirements.

- The faculty continuously benchmark against the best and set high standards of teaching and research.

- Institution rewards the excellent performers who perform well in curricular and co-curricular activities. Faculty Appraisal and Development System (FADS) should focus on the quality of faculty and different activities they undertake

Faculty at Institution is expected to perform the following:

- To teach in the Academic Program including FDP / Training Program of similar type.
- To guide the students in Undergraduate, Postgraduate and research Program.
- To carry out research, publish papers in scholarly journals and to bring different

research grants from national and international agencies.

- To organize national / international workshops / seminars / conferences
- To undertake institution building activities. It is in relation to each of these activities that a faculty member's contribution needs to be measured and a suitable mechanism needs to be evolved.

5.8 Faculty Performance Appraisal and Development system (FPADS) (30)

Ans: Faculty performance appraisal and development are encouraged and initiated. Certificate and Cash award of Rs. 10000/- and Rs.5000/- are issued to faculty members for producing results of 100% and above 90%, respectively in the subject they handled. The list of award winning faculty for the last 3 academic years:

Academic Year 2018-19 (CAY m1)

S.No	Name of the Faculty	Name of the Subject	Pass Percentage	Cash Award
1.	Ms. A. Revathi	CS6701 Cryptography & Network Security	93.9	5000
2.	Dr. A. Nageswaran	CS6004 Cyber Forensics	97	5000
3.	Ms. S. Joy Angel Ancelitta	CS6502 Object Oriented Analysis & Design	96.1	5000

4.	Ms. M. Preetha	CS6703 Grid & Cloud Computing	92.4	5000
5.	Ms.J.Rahini Sudha	CS6402 Design & Analysis of Algorithms	91.2	5000
6.	Ms.K.Varalakshmi	CS8491 Computer Architecture	91.4	5000
7.	Ms.P. Lekha	CS8492 Database Management System	93.1	5000
8.	Ms. S. Vinitha	CS6601 Distributed Systems	100	10000
9.	Mr.D.Dhinakaran	CS6660 Compiler Design	94.2	5000
10.	Ms. S. Joy Angel Ancelitta	GE6757 Total Quality Management	96.2	5000
11.	Ms. P. Kalaiselvi	IT6601 Mobile Computing	100	10000
12.	Ms. V. Kavitha	CS6008 Human Computer Interaction	97.0	5000
13.	Ms. M. Preetha	CS6801 Multi Core Architecture	98.5	5000
14.	Dr. A. Nageswaran	GE6075 Professional Ethics in Engineering	98.5	5000
15.	Ms. A.Revathi	CS6801 Multi Core Architecture	95.0	5000
16.	Ms.S.Rahini Sudha	GE6075 Professional Ethics in Engineering	90.0	5000

Academic Year 2017-18 (CAY m2)

S.No	Name of the Faculty	Name of the Subject	Pass Percentage	Cash Award
1.	Ms.T.Lena bharathi	GE8151 Problem Solving & Python Programming	96.9	5000
2.	Ms.J.Ranganayaki	GE8151 Problem Solving & Python Programming	96.7	5000
3.	Mr.Richard Jim Reeves	CS6301 Programming & Data Structures 2	91.4	5000
4.	Ms.Renuka	CS6302 Database Management System	94.3	5000
5.	Ms.Aruna Jasmine	CS6303 Computer Architecture	97.1	5000
6.	Mr. V. Gopalakrishnan	CS6501 Internet Programming	97.4	5000
7.	Ms. S. Joy Angel Ancelitta	CS6502 Object Oriented Analysis & Design	97.4	5000

8.	Mr. D. Dhinakaran	CS6503 Theory of Computation	97.4	5000
9.	Ms. K. Varalakshmi	CS6504 Computer Graphics	97.4	5000
10.	Ms. K. Varalakshmi	CS6504 Computer Graphics	92.5	5000
11.	Dr. A. Nageswaran	CS6004 Cyber Forensics	100.0	10000
12.	Ms. V. Kavitha	CS6701 Cryptography & Network Security	90.0	5000
13.	Ms. M. Preetha	CS6703 Grid & Cloud Computing	94.0	5000
14.	Ms. S. Vinitha	IT6006 Data Analytics	100.0	10000
15.	Mr. Richard Jim Reeves	CS6401 Operating System	100.0	10000
16.	Ms.S. Rahini Sudha	CS6402 Design & Analysis of Algorithms	97.1	5000
17.	Ms.Ramya	CS6403 Software Engineering	94.1	5000
18.	Ms.A. Aruna Jasmine	CS6551 Computer Networks	94.1	5000
19.	Ms.A.Revathi	CS6401 Operating System	94.1	5000
20.	Ms.S. Vinitha	CS6601 Distributed Systems	97.4	5000
21.	Mr.V. Gopalakrishnan	CS6659 Artificial Intelligence	100.0	10000
22.	Mr.D. Dhinakaran	CS6660 Compiler Design	97.4	5000
23.	Ms. P. Kalaiselvi	IT6601 Mobile Computing	94.9	5000
24.	Mr.V. Gopalakrishnan	CS6659 Artificial Intelligence	97.4	5000
25.	Ms.V.Kavitha	CS6008 Human Computer Interaction	100.0	10000
26.	Ms.M.Preetha	CS6801 Multi Core Architecture	98.0	5000
27.	Dr.A.Nageswaran	GE6075 Professional Ethics in Engineering	98.0	5000

Academic Year 2016-17 (CAY m3)

S.No	Name of the Faculty	Name of the Subject	Pass Percentage	Cash Award
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1.	Ms.Nirmala	CS6301 Programming & Data Structures 2	94.4	5000
2.	Ms.E.Papitha	CS6502 Object Oriented Analysis & Design	92	5000
3.	Ms.Praveena	CS6401 Operating System	100	10000
4.	Ms.Nirmala	CS6402 Design & Analysis of Algorithms	97.5	5000
5.	Mr.Dhinakaran	CS6403 Software Engineering	100	10000
6.	Ms.Aruna Jasmine	CS6551 Computer Networks	94.9	5000
7.	Ms.Nirmala	CS6402 Design & Analysis of Algorithms	97.6	5000
8.	Ms. P. Kalaiselvi	IT6601 Mobile Computing	94.7	5000
9.	Ms. K. Varalakshmi	CS6660 Compiler Design	92.1	5000
10.	Mr.Bala Murugan	CS6659 Artificial Intelligence	95.5	5000
11.	Ms.S. Vinitha	CS6601 Distributed Systems	91	5000
12.	Ms.S. Vinitha	GE6075 Professional Ethics in Engineering	96.1	5000

5.9 Visiting/Adjunct/Emeritus Faculty etc. (10)

Total Marks 10.00

Institute Marks : 10.00

Adjunct faculty also includes Industry experts. Provide details of participation and contributions in teaching and learning and/or research by visiting / adjunct / Emeritus faculty etc. for all the assessment years:

2018 – 2019

Sl. No	Year / Dept.	Course Name	Name of the Faculty	Company Name	Conducted Hours
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1	I CSE	Python Programming	Mr.Karthik	PERI Software	30
2	III CSE	ROBOTICS	Mr.Kalidas	If and For Endeavour company	16
3	IV CSE	JAVA	Mr.Shanmugam	Shan Software Services	80
4	IV CSE	Aritifical Intelligence	Dr. Paul Rodrigues	King Khilad University, Saudi Arabia	3

2017 – 2018

Sl. No	Year / Dept.	Course Name	Name of the Faculty	Company Name	Conducted Hours
1	I CSE	Python Programming	Mr.Mohan	PERI Software	16
2	II CSE	Fundamentals of C++	Mr.Christpher	PERI Software	24
3	III CSE	ROBOTICS	Mr.Kalidas	If and For Endeavour company	16

4	IV CSE	JAVA	Mr.Shanmugam	Shan Software Services	80
5	IV CSE & IICSE	Intelligent information system	Dr.Lochandaka Ranathunga	University of Moratuwa, Katubedda	5
6	IV CSE	Aero Modeling & control system	Dr.P.N.Kadiresh	crescent University	3

2016 – 2017

Sl. No	Year/Dept	Course Name	Name of the Faculty	Company Name	Conducted Hours
1	IV CSE	Seven basic principles of science & Engineering Computing	Dr. T.V. Gopal	Anna University,Chennai	5
2	III CSE	Enterprising supply chain Management	Mr. Shibu Thamos	TCS Intellect	3
3	III CSE	Object oriented Analysis & Use cases	Dr Vinoth	Infosys	8

6 FACILITIES AND TECHNICAL SUPPORT (80)

Total Marks 80.00

6.1 Adequate and well equipped laboratories, and technical manpower (30)

Total Marks 30.00

Institute Marks : 30.00

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	(Mobile Application development lab)	30	Computer, Printer and mobile application software	100%	Mr.M.Lokesh	System Administrator	M.C.A
2	(Network and OOAD Lab)	60	Computer, Printer and Unix and Argo UML	100%	Mr.M.Lokesh	System Administrator	M.C.A
3	(Oops and Ds lab)	30	Computer, Printer and C++ Compiler and Turbo C	100%	Mrs.M.Lavanya	Programmer/Teaching Assistant	M.E
4	(Gcc and Security Lab)	60	Computer, Printer and Gcc Compiler	100%	Mrs.M.Lavanya	Programmer/Teaching Assistant	M.E
5	(Python Lab)	60	Computer, Printer and Python software	100%	Mr.Shiek Abdullah	System Administrator	Bsc.,Msc.,

6.2 Additional facilities created for improving the quality of learning experience in laboratories (25)

Total Marks 25.00

Institute Marks : 25.00

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Online Aptitude test	Aptitude test for final years and pre final years to train them for placement.	To train the students for placement	By the students	Logical reasoning, Analytical Knowledge	PO3,PO2,PO4,PO9, PO11,PO5PSO1,PSO2,PSO3
2	Online Programming test for placement	Conducting online aptitude test for final years and pre final years to train them for placement.	To train the students for placement	By the students	Programming Skills	PO3,PO2,PO4,PO9, PO11,PO5PSO1,PSO2,PSO3
3	Network Simulation Tool (NS2)	NS2-Free ware with number of Clients	Simulation Purposes	By the staff and students	Network Simulations	PO5PSO1,PSO2,PSO3
4	IOT	To create the awareness about the IOT	To train the final year students for projects	By the staff and students	Programming Skills, Network and Cloud Environment	PO3,PO2,PO4,PO9, PO11,PO5PSO1,PSO2,PSO3
5	Smart Class Room	Fully equipped shared Smart Classroom with LCD projector and software's with the seating capacity of 60. Comfortable desks, chairs and teaching aids. Glass	In Smart classes, we use all interactive modules like videos/ presentations and these visually attractive methods of teaching becomes appealing to students who are already struggling with the traditional method of teaching in a classroom. In fact, smart classes are almost like watching videos as sometimes, animated visuals are	Per Semester 10hrs	Subjects (on, Theory of computation and object oriented analysis and design Real time application oriented subjects) in which the design can be easily analyzed and Visualized	PO5

6	Seminar Hall	Fully equipped shared seminar hall with Computer, Projector 100 Student Desk, WhiteBoard, Air conditioner, Fan, Cushion chair, Microphone, Speaker, LED	To present technical talk/ project seminars/ research papers/ workshops/industry interaction presentation. Overall development of students like cultural,sports activities etc,.	Per Semester 12 hrs	To bridge the bandgap between academic and industry curriculum. To upgrade students to industry standard. Cultural and Sports activities.	PO5
7	Lab Manuals along with instruction classes For all the labs	Manuals are provided for object oriented programming and grid and cloud computing and security laboratory etc	To create an awareness about the experiment and to educate the need of conducting the same. Students can understand concept of the experiment better. To document the same using the relevant data.	Throughout the semester	Design of UML Diagrams and Testing. Better usage of software tools.	PO1
8	E Journals, E-books facility	IEEE, Springer, Elsevier Science	For research/project/internship activities. To know about recent trends in science and technology. Update the subject knowledge using various books and journals.	Throughout the semester	Engineering and Technology Artificial Intelligence and grid and cloud computing and IOT etc	PO2
9	English learning language class	The English faculty is deputed to teach Basic English for the first year students to make them to understand	To increase communication skill among students.	Per semester 20 hrs	Better Communication and understanding English language	PO10
10	Departmental Library	Having collection of Text Books, CD's, Reference, Books and Project / seminar report.	To meet the needs of students To provide reference facilities To refer advanced information for seminar, laboratory projects	Throughout the semester	Student learning process	PO1

11	Research and Development lab and Project lab	Mini and Major project models guided by our faculty members in various fields of engineering. Open source software's like Python and Argo UML etc	Real time application To create innovative ideas To build the creative skills Motivates student to come up with projects/products.	Throughout the semester	Prototype models are developed, Automotive electronics Home automation Safety electronics models are developed Publishing Quality Technical papers.	PO1 to PO12
12	Video's From NPTEL, Classle, VTU Edusat	Displayed in the Lab	Understanding the Video oriented Teaching and learning	Per semester 15 hrs	Better Understanding the subject. In depth knowledge beyond Lab.	PO 5
13	IGURU	Complete Students & Staffs monitoring system.	To achieve perfection of Students & Staffs	For the Complete semester	Enhanced Performance of students.	PO5, PO7, PO9, P10
14	Common Internet Facility	Wi-Fi	Facility to staff and students for enhancing Teaching & Learning	For the Complete semester	More knowledge apart from curriculum 24x7 access to learning resources	PO1, PO3, PO4, PO5, P12

6.3 Laboratories: Maintenance and overall ambience (10)

Total Marks 10.00

Institute Marks : 10.00

6.3. Laboratories: Maintenance and overall ambience (10)**Daily Maintenance:**

- All minor maintenance is carried out by the lab technician.
- For any other system related problems, it is sent to the centralized Computer Maintenance Cell (CMC), where repairs are undertaken. For major problems, the system is sent to the vendor or appropriate agency for repairs following the laid down procedure laid down in the college.
- Daily preventive maintenance of lab is maintained by the lab programmer.
- Every day cleaning of equipments and work tables are done by the lab programmer.

- Floor mopping of labs are done thrice in a week by housekeeping department of college.
- The batteries of the UPS are cleaned to remove dust and prevent corrosion.
- Students are instructed to avoid shoes and slippers inside the Laboratories.
- Eating and Drinking inside the Laboratories are strictly prohibited.

CSE I St year
A Section
Timing: 8-30 to 10.00

Date: 31/01/17
Page: Tuesday.

S NO	Sys NO	Name of the student	In	out	Signature
1	1	R. Akshaya	8:30		R. Akshaya
2	2	S. KANIMOZH I	8:30		S. Kan
3	3	A. Kathija bee	8:30		A. Kathija
4	4	R. Jayashree	8:30		R. Jayashree
5	5	K.A. Malavika Sridevi	8:30		K.A. Malavika
6	6	M. Gayathri	8:30		M. Gayathri
7	7	Indumathy J	8:30		Indumathy

8	8	V. Gayathri	8:30	V. Gayathri
9	26	maduthi Raja	8:30	ma
10	25	R. KRISHNAN	8:30	R.A
11	24	S. Lokesh	8:30	S. Lokesh
12	23	A. Dinesh	8:30	A. Dinesh
13	22	S. Balaji	8:30	S. Balaji
14	38	P. Bhuvanesh	8:30	P. Bhuvanesh
15	37	H. Bhaskarath	8:30	H. Bhaskarath
16	35	R. Balaji	8:30	R. Balaji
17	34	R. Ajith	8:30	R. Ajith
18	33	NASLAM	8:30	N. Arul

Date:- 25/1/18
 In charge:- PRANATHARAN. D
 Dept:- Mechanical Engg. Timing:- 09.30 - 10.00am
 I/A

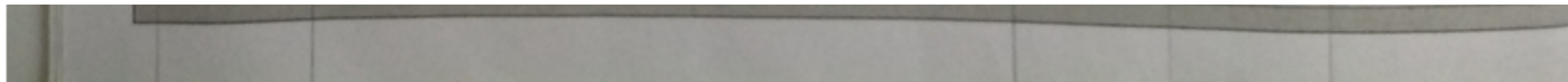
Sno	Syst	Name	Reg	Dept	In	Out	Signature
1.	21	K. Elumagan	411514114053	MECH	9:00	9:30	K. Elumagan
2	15	Hari Narayanan	411514114067	M.E	9:30	9:45	Hari Narayanan
3	32	Anish	411514114077	M.E	9:30	9:45	Anish
4	16	A. Marikandan	411514114103	MECH	9:30	9:45	A. Marikandan
5	8	M. Siva Raju Gopal	411514114107	MECH	9:30	9:50	M. Siva Raju Gopal
6	35	D. Sowmiya	411514114193	MECH	9:30	9:50	D. Sowmiya
7	36	R. Sarbini	411514114191	MECH	9:30	9:50	R. Sarbini
8	27	F. Mohamed Asif Fahim	411514114114	MECH	9:30	9:50	F. Mohamed Asif Fahim
9	20	R. AKSHAY	411514114100	MECH	9:30	9:50	R. AKSHAY
10.	21	Kailash V.S.	411514114083	MECH	9:30	9:50	Kailash V.S.
11	14	P. Bharanidharan	411514114036	MECH	9:30	9:50	P. Bharanidharan
12.	40	J. Albert Robin	411514114009	MECH	"	"	J. Albert Robin
13.	29	R. Jeelishwaran	411514114084	MECH	9:30	"	R. Jeelishwaran
14.	40	N. Immanuel	411514114072	MECH	9:30	"	N. Immanuel
15	23	K.M. Lohith	411514114102	MECH	9:30	"	K.M. Lohith
16.	28	A. Kethrick	411514114087	MECH	9:30	"	A. Kethrick
17	57	Jagan Kumar	411514114026	MECH	"	"	Jagan Kumar
18	41	P. Elangovan	411514114054	MECH	9:30	"	P. Elangovan
19	1	V. Kaliyaperum	411514114085	MECH	9:30	"	V. Kaliyaperum
20		S. Jagan Kumar	411514114074	MECH	9:30	"	S. Jagan Kumar
21		J. Mohd. Salmaan	411514114116	MECH	9:30	"	J. Mohd. Salmaan

22.	48	S. Dhivakar	411514114048	Mech	9:30	"	S. Dhivakar
23.	46	A. Ebenezer Joshua	411514114052	Mech	9:30	"	A. Ebenezer Joshua
24	16	MUGILAN. D	411514114118	Mech	9:30	"	M. Mugilan. D
25	6	K. Adin Geshu	411514114000	Mech	9:30	"	K. Adin Geshu
26	20	Karthikeya Pinn	411514114090	Mech	9:30	"	K. Karthikeya Pinn
27	2	C. Dhanus	411514114043	Mech	9:30	"	C. Dhanus
28	4	V. Bargar	411514114033	Mech	9:30	"	V. Bargar
29	10	B. ARAVINDHAN	411514114020	Mech	9:30	"	B. Aravindh
30	3	R. ANITHA	411514114019	"	"	"	R. Anitha

Date: 17/9/19
Dept: IB-CSE
Incharge: Kavitha
Lab Timings: 9:34 to 11:45 page no: 2

S.NO	SGS.NO	NAME OF THE STUDENT	TIMINGS		SIGNATURE
			IN	OUT	
29.	7	K. NANTHINI	9:34	10:00	Nanthini
30	813	L. Shalini	9:34	10:00	L. Shalini
31	13	R. Suganya.	9:34	10:00	R. Suganya
32.	14.	J. Nithya Shree	9:34	10:00	Nithya
33.	15	Vikshara. K	9:34	10:00	V. Vikshara
34.	15	R. Rohini	9:34	10:00	R. Rohini

35.	34	P. Sakthi Kumar	9:36	10:00	P. Sakthi Kumar
36.	35	K. Yogesh	9:36	10:00	K. Yogesh
37.	18	M.D. Sugan	9:36	10:00	M.D. Sugan
38.		S. Nizamuddin	9:36	10:00	S. Nizam
39.	55	D. Santhosh Kumar	9:36	10:00	D. Santhosh
40.	56	P. Munichandra	9:36	10:00	P. Munichandra
41.	58	D. Nyanthan	9:36	10:00	D. Nyanthan
42.	50	P. Sathya Leelan	9:38	10:00	P. Sathya Leelan
43.	50	R. Ugnesh	9:38	10:00	R. Ugnesh
44.	49	N. Sakthivel	9:40	10:00	N. Sakthivel
45.	45	A. Nithya Prakash	9:30	11:45	A. Nithya Prakash
46.	47	S. TARUN	9:30	11:45	S. Tarun
47.	1	S. Roopesh	9:30	11:45	S. Roopesh

**Weekly Maintenance:**

- Maintenance of battery & UPS is carried out on every weekend.
- Weekly maintenance report is prepared by the Lab programmer and sent to the manager for action.

Monthly Maintenance:

- The monthly maintenance report is generated in which the current condition of the equipments (Both Consumables, Non Consumables and the Furniture"s) are mentioned and submitted to the principal for further action.
- Every month 5S audit (Sort, Set in order, Shine, Standardize, and Sustain) is conducted by a auditors to verify cleanliness of the laboratory. The compliance report or feedback is sent to department in charges for rectification.
- Every month UPS in charge checks the water level, voltage level and backup of UPS.
- Every month the earth leakage current of the power cables is checked.

Yearly Maintenance:

- Stock Verification is done for every 6 months to confirm the availability and working condition of the equipments.
- Scrap items in the laboratories are identified by the Lab programmer with the concern of the lab in charges, HOD and inspection committee.

ACADEMIC YEAR 2016-2017- (COMPUTER LAB –I)-ODD SEMESTER								
Sino	Name of the lab	Date	System no	Problem Identified	Notification given to the admin with date	Service Person attended	Rectified date	Remarks
1	Computer lab -I	6/7/16	10	Keyboard Not working	6/7/16	Mr.Logesh	7/7/16	Problem rectified

2	Computer lab –I	6/7/16	02	Plug problem	6/7/16	Mr.Logesh	7/7/16	Problem rectified
3	Computer lab –I	12/7/16	03	System not working	12/7/16	Mr.Sheik Abdullah	21/7/16	It will take 1week to rectify
4	Computer lab -I	13/7/16	05	Cpu not working	13/7/16	Mr.Sheik Abdullah	14/7/16	Problem rectified
5	Computer lab -I	15/7/16	06	Mouse Not working	15/7/16	Mr.Logesh	16/7/16	Problem rectified
6	Computer lab -I	18/7/16	08	Mouse Not working	18/7/16	Mr.Logesh	19/7/16	Problem rectified
ACADEMIC YEAR 2016-2017- (COMPUTER LAB –II)-ODD SEMESTER								
1	Computer lab -II	1/8/16	20	Mouse not available	1/8/16	Mr.Sheik Abdullah	3/8/16	Problem rectified
2	Computer lab –II	8/8/16	28	SMPS Problem	8/8/16	Mr.Sheik Abdullah	9/8/16	Problem rectified
3	Computer lab –II	16/8/16	25	Monitor Problem	16/8/16	Mr.Logesh	18/8/16	Problem rectified
4	Computer lab -II	16/8/16	12	SMPS Problem	16/8/16	Mr.Sheik Abdullah	18/8/16	Problem rectified
5	Computer lab –II	20/8/16	10	Monitor Problem	20/8/16	Mr.Sheik Abdullah	26/8/16	It will take 1 week to rectify
6	Computer lab –II	20/8/16	08	SMPS Problem	20/8/16	Mr.Logesh	22/8/16	Problem rectified
7	Computer lab -II	29/8/16	33	Monitor Problem	29/8/16	Mr.Logesh	31/8/16	Problem rectified
ACADEMIC YEAR 2016-2017- (COMPUTER LAB –III)-ODD SEMESTER								

1	Computer lab -III	13/9/16	02	Mother board Problem	13/9/16	Mr.Logesh	14/9/16	Problem rectified
2	Computer lab –III	20/9/16	06	Power Cable Problem	20/9/16	Mr.Logesh	21/9/16	Problem rectified
3	Computer lab –III	22/9/16	10	Cooling fan problem	22/9/16	Mr.Logesh	23/9/16	Problem rectified
4	Computer lab -III	26/9/16	12	Mother board Problem	26/9/16	Mr.Logesh	27/9/16	Problem rectified
5	Computer lab -III	29/9/16	19	Cooling fan problem	29/9/16	Mr.Logesh	30/9/16	Problem rectified
ACADEMIC YEAR 2016-2017- (COMPUTER LAB –IV)-EVEN SEMESTER								
1	Computer lab -IV	20/1/17	20	Mouse Problem	20/1/17	Mr.Sheik Abdullah	21/1/17	Problem rectified
2	Computer lab –IV	23/1/17	34	No Display in monitor	23/1/17	Mr.Sheik Abdullah	30/1/17	It will take 1 week to rectify
3	Computer lab –IV	27/1/17	52	Keyboard Cable problem	27/1/17	Mr.Sheik Abdullah	28/1/17	Problem rectified
4	Computer lab -IV	27/1/17	45	Keyboard not working	27/1/17	Mr.Sheik Abdullah	28/1/17	Problem rectified
5	Computer lab -IV	27/1/17	12	Cooling fan problem	27/1/17	Mr.Sheik Abdullah	28/1/17	Problem rectified
6	Computer lab -IV	28/1/17	13	Cooling fan problem	28/1/17	Mr.Sheik Abdullah	30/1/17	Problem rectified
7	Computer lab- IV	28/1/17	08	Cooling fan problem	28/1/17	Mr.Sheik Abdullah	30/1/17	Problem rectified
ACADEMIC YEAR 2016-2017- (COMPUTER LAB –V) EVEN SEMESTER								

1	Computer lab -V	06/2/17	12	System not working	06/2/17	Mr.Logesh	07/2/17	Problem rectified
2	Computer lab -V	14/2/17	20	Mouse not available	14/2/17	Mr.Logesh	15/2/17	Problem rectified
3	Computer lab -V	16/3/17	36	System not working	16/3/17	Mr.Sheik Abdullah	23/3/17	It will take 1 week to rectify
4	Computer lab -V	11/4/17	45	Plug problem	11/4/17	Mr.Sheik Abdullah	12/4/17	Problem rectified
5	Computer lab -V	19/4/17	28	System not working	19/4/17	Mr.Sheik Abdullah	20/4/17	Problem rectified
6	Computer lab -V	26/4/17	30	System not working	26/4/17	Mr.Sheik Abdullah	27/4/17	Problem rectified

ACADEMIC YEAR 2017-2018- (COMPUTER LAB –I)-ODD SEMESTER								
Sino	Name of the lab	Date	System no	Problem Identified	Notification given to the admin with date	Service Person attended	Rectified date	Remarks
1	Computer lab -I	3/7/17	02	Keyboard Not working	3/7/17	Mr.Logesh	4/7/17	Problem rectified
2	Computer lab –I	10/7/17	15	Plug problem	10/7/17	Mr.Logesh	11/7/17	Problem rectified
3	Computer lab –I	17/7/17	20	System not working	17/7/17	Mr.Sheik Abdullah	24/7/17	It will take 1week to rectify
4	Computer lab -I	31/7/17	22	Cpu not working	31/7/17	Mr.Sheik Abdullah	1/8/17	Problem rectified
5	Computer lab -I	1/8/17	25	Mouse Not working	1/8/17	Mr.Logesh	2/8/17	Problem rectified
6	Computer lab -I	8/8/17	21	Mouse Not working	8/8/17	Mr.Logesh	9/8/17	Problem rectified
7	Computer lab-I	15/8/17	18	SMPS problem	15/8/17	Mr.Sheik Abdullah	16/8/17	Problem rectified
8	Computer lab-I	22/8/17	12	Cooling fan problem	22/8/17	Mr.Logesh	23/8/17	Problem rectified
9	Computer lab-I	29/8/17	09	No internet	29/8/17	Mr.Logesh	30/8/17	Problem rectified
ACADEMIC YEAR 2017-2018- (COMPUTER LAB –II)-ODD SEMESTER								
1	Computer lab -II	5/9/17	40	Mouse not available	5/9/17	Mr.Sheik Abdullah	6/9/17	Problem rectified

2	Computer lab –II	12/9/17	45	SMPS Problem	12/9/17	Mr.Sheik Abdullah	13/9/17	Problem rectified
3	Computer lab –II	19/9/17	32	Monitor Problem	19/9/17	Mr.Logesh	20/9/17	Problem rectified
4	Computer lab -II	26/9/17	28	SMPS Problem	26/9/17	Mr.Sheik Abdullah	03/10/17	It will take 1week to rectify
5	Computer lab –II	26/9/17	11	Monitor Problem	26/9/17	Mr.Sheik Abdullah	27/9/17	Problem rectified
6	Computer lab –II	28/9/17	01	SMPS Problem	28/9/17	Mr.Logesh	29/9/17	Problem rectified
7	Computer lab -II	28/9/17	08	Monitor Problem	28/9/17	Mr.Logesh	10/10/17	It will take 1week to rectify
8	Computer lab -II	3/10/17	20	SMPS Problem	3/10/17	Mr.Logesh	4/10/17	Problem rectified
9	Computer lab -II	10/10/17	50	Monitor Problem	10/10/17	Mr.Logesh	11/10/17	Problem rectified
ACADEMIC YEAR 2017-2018- (COMPUTER LAB –III)-ODD SEMESTER								
1	Computer lab -III	1/11/17	02	Mother board Problem	1/11/17	Mr.Logesh	2/11/17	Problem rectified
2	Computer lab –III	8/11/17	25	Power Cable Problem	8/11/17	Mr.Logesh	09/11/17	Problem rectified
3	Computer lab –III	15/11/17	30	Cooling fan problem	15/11/17	Mr.Logesh	16/11/17	Problem rectified
4	Computer lab -III	22/11/17	28	Mother board Problem	22/11/17	Mr.Logesh	29/11/17	It will take 1 week to rectify

5	Computer lab -III	24/11/17	20	Cooling fan problem	24/11/17	Mr.Logesh	25/11/17	Problem rectified
6	Computer lab -III	29/11/17	10	Power Cable Problem	29/11/17	Mr.Logesh	30/11/17	Problem rectified
7	Computer lab -III	1/12/17	19	Cooling fan problem	1/12/17	Mr.Logesh	2/12/17	Problem rectified
8	Computer lab -III	08/12/17	24	Mother board Problem	08/12/17	Mr.Logesh	09/12/17	Problem rectified
9	Computer lab -III	15/12/17	23	Power Cable Problem	15/12/17	Mr.Logesh	16/12/17	Problem rectified
10	Computer lab -III	22/12/17	08	Cooling fan problem	22/12/17	Mr.Logesh	23/12/17	Problem rectified
ACADEMIC YEAR 2017-2018- (COMPUTER LAB –IV)-EVEN SEMESTER								
1	Computer lab -IV	2/01/18	60	Mouse Problem	2/01/18	Mr.Sheik Abdullah	03/01/18	Problem rectified
2	Computer lab –IV	09/01/18	45	No Display in monitor	09/01/18	Mr.Sheik Abdullah	10/01/18	Problem rectified
3	Computer lab –IV	23/01/18	36	Keyboard Cable problem	23/01/18	Mr.Sheik Abdullah	24/01/18	Problem rectified
4	Computer lab -IV	30/01/18	22	Keyboard not working	30/01/18	Mr.Sheik Abdullah	31/01/18	Problem rectified
5	Computer lab -IV	7/02/18	10	Cooling fan problem	7/02/18	Mr.Sheik Abdullah	08/2/18	Problem rectified
6	Computer lab -IV	14/02/18	08	Cooling fan problem	14/02/18	Mr.Sheik Abdullah	15/2/18	Problem rectified
7	Computer lab- IV	21/2/18	14	Cooling fan problem	21/2/18	Mr.Sheik Abdullah	22/2/18	Problem rectified

8	Computer lab- IV	28/2/18	19	No display in screen	28/2/18	Mr.Sheik Abdullah	29/2/18	Problem rectified
9	Computer lab- IV	28/2/18	36	No display in screen	28/2/18	Mr.Sheik Abdullah	10/3/18	It will take 1 week to rectify
10	Computer lab- IV	28/2/18	58	No display in screen	28/2/18	Mr.Sheik Abdullah	29/2/18	Problem rectified
ACADEMIC YEAR 2017-2018- (COMPUTER LAB –V) EVEN SEMESTER								
1	Computer lab -V	5/3/18	20	System not working	5/3/18	Mr.Logesh	6/3/18	Problem rectified
2	Computer lab –V	12/3/18	10	Mouse not available	12/3/18	Mr.Logesh	14/3/18	Problem rectified
3	Computer lab –V	19/3/18	09	System not working	19/3/18	Mr.Sheik Abdullah	26/3/18	It will take 1 week to rectify
4	Computer lab -V	26/3/18	30	Plug problem	26/3/18	Mr.Sheik Abdullah	27/3/18	Problem rectified
5	Computer lab -V	2/4/18	38	System not working	2/4/18	Mr.Sheik Abdullah	3/4/18	Problem rectified
6	Computer lab -V	9/4/18	39	System not working	9/4/18	Mr.Sheik Abdullah	10/4/18	Problem rectified
7	Computer lab -V	16/4/18	60	Plug problem	16/4/18	Mr.Sheik Abdullah	17/4/18	Problem rectified
8	Computer lab -V	23/4/18	54	No display in screen	23/4/18	Mr.Sheik Abdullah	3/5/18	It will take 1 week to rectify
9	Computer lab-V	25/4/18	50	No display in screen	25/4/18	Mr.Sheik Abdullah	26/4/18	Problem rectified

10	Computer lab -V	27/4/18	48	No display in screen	27/4/18	Mr.Sheik Abdullah	28/4/18	Problem rectified
11	Computer lab -V	27/4/18	39	No display in screen	27/4/18	Mr.Sheik Abdullah	28/4/18S	Problem rectified

ACADEMIC YEAR 2018-2019- (COMPUTER LAB –I)-ODD SEMESTER

Sino	Name of the lab	Date	System no	Problem Identified	Notification given to the admin with date	Service Person attended	Rectified date	Remarks
1	Computer lab -I	3/7/18	04	Keyboard Not working	3/7/18	Mr.Logesh	4/7/18	Problem rectified
2	Computer lab –I	10/7/18	10	Plug problem	10/7/18	Mr.Logesh	12/7/18	Problem rectified
3	Computer lab –I	17/7/18	12	System not working	17/7/18	Mr.Sheik Abdullah	18/7/18	Problem rectified
4	Computer lab -I	24/7/18	20	Cpu not working	24/7/18	Mr.Sheik Abdullah	31/7/18	It will take 1 week to rectify
5	Computer lab -I	31/7/18	29	Mouse Not working	31/7/18	Mr.Logesh	1/8/18	Problem rectified
6	Computer lab -I	1/8/18	30	Mouse Not working	1/8/18	Mr.Logesh	2/8/18	Problem rectified

7	Computer lab-I	7/8/18	18	SMPS problem	7/8/18	Mr.Sheik Abdullah	8/8/18	Problem rectified
8	Computer lab-I	14/8/18	15	Cooling fan problem	14/8/18	Mr.Logesh	16/8/18	Problem rectified
9	Computer lab-I	21/8/18	12	No internet	21/8/18	Mr.Logesh	23/8/18	Problem rectified
10	Computer lab-I	28/8/18	02	Plug problem	28/8/18	Mr.Logesh	29/8/18	Problem rectified
11	Computer lab-I	29/8/18	03	Mouse Not working	29/8/18	Mr.Logesh	30/8/18	Problem rectified
12	Computer lab-I	29/8/18	01	SMPS problem	29/8/18	Mr.Logesh	30/8/18	Problem rectified
13	Computer lab-I	29/8/18	09	Cooling fan problem	29/8/18	Mr.Logesh	30/8/19	Problem rectified
ACADEMIC YEAR 2018-2019- (COMPUTER LAB –II)-ODD SEMESTER								
1	Computer lab -II	4/9/18	28	Mouse not available	4/9/18	Mr.Sheik Abdullah	5/9/18	Problem rectified
2	Computer lab –II	11/9/18	52	SMPS Problem	11/9/18	Mr.Sheik Abdullah	12/9/18	Problem rectified
3	Computer lab –II	18/9/18	60	Monitor Problem	18/9/18	Mr.Logesh	25/9/18	It will take 1 week to rectify
4	Computer lab -II	25/9/18	44	SMPS Problem	25/9/18	Mr.Sheik Abdullah	26/9/18	Problem rectified
5	Computer lab –II	1/10/18	38	Monitor Problem	1/10/18	Mr.Sheik Abdullah	3/10/18	Problem rectified
6	Computer lab –II	8/10/18	47	SMPS Problem	8/10/18	Mr.Logesh	9/10/18	Problem rectified

7	Computer lab -II	15/10/18	58	Monitor Problem	15/10/18	Mr.Logesh	16/10/18	Problem rectified
8	Computer lab -II	22/10/18	55	SMPS Problem	22/10/18	Mr.Logesh	23/10/18	Problem rectified
9	Computer lab -II	29/10/18	40	Monitor Problem	29/10/18	Mr.Logesh	30/10/18	Problem rectified
10	Computer lab -II	1/11/18	39	Mouse not available	1/11/18	Mr.Sheik Abdullah	2/11/18	Problem rectified
11	Computer lab -II	8/11/18	30	SMPS Problem	8/11/18	Mr.Logesh	15/11/18	It will take 1 week to rectify
ACADEMIC YEAR 2018-2019- (COMPUTER LAB –III)-ODD SEMESTER								
1	Computer lab -III	15/11/18	01	Mother board Problem	15/11/18	Mr.Logesh	16/11/18	Problem rectified
2	Computer lab –III	22/11/18	15	Power Cable Problem	22/11/18	Mr.Logesh	23/11/18	Problem rectified
3	Computer lab –III	29/11/18	17	Cooling fan problem	29/11/18	Mr.Logesh	30/11/18	Problem rectified
4	Computer lab -III	3/12/18	19	Mother board Problem	3/12/18	Mr.Logesh	4/12/18	Problem rectified
5	Computer lab -III	10/12/18	21	Cooling fan problem	10/12/18	Mr.Logesh	11/12/18	Problem rectified
6	Computer lab -III	10/12/18	23	Power Cable Problem	10/12/18	Mr.Logesh	11/12/18	Problem rectified
7	Computer lab -III	17/12/18	25	Cooling fan problem	17/12/18	Mr.Logesh	18/12/18	Problem rectified

8	Computer lab -III	24/12/18	27	Mother board Problem	24/12/18	Mr.Logesh	31/12/18	It will take 1 week to rectify
9	Computer lab -III	31/12/18	29	Power Cable Problem	31/12/18	Mr.Logesh	2/1/19	Problem rectified
10	Computer lab -III	31/12/18	11	Cooling fan problem	31/12/18	Mr.Logesh	2/1/19	Problem rectified
11	Computer lab -III	31/12/18	13	Cooling fan problem	31/12/18	Mr.Logesh	2/1/19	Problem rectified
12	Computer lab -III	31/12/18	14	Mother board Problem	31/12/18	Mr.Logesh	8S/1/19	It will take 1 week to rectify
ACADEMIC YEAR 2018-2019- (COMPUTER LAB –IV)-EVEN SEMESTER								
1	Computer lab -IV	9/1/19	20	Mouse Problem	9/1/19	Mr.Sheik Abdullah	7/1/19	Problem rectified
2	Computer lab –IV	16/1/19	16	No Display in monitor	16/1/19	Mr.Sheik Abdullah	17/1/19	Problem rectified
3	Computer lab –IV	23/1/19	35	Keyboard Cable problem	23/1/19	Mr.Sheik Abdullah	24/1/19	Problem rectified
4	Computer lab -IV	30/1/19	45	Keyboard not working	30/1/19	Mr.Sheik Abdullah	31/1/19	Problem rectified
5	Computer lab -IV	5/2/19	55	Cooling fan problem	5/2/19	Mr.Sheik Abdullah	6/2/19	Problem rectified
6	Computer lab -IV	12/2/19	57	Cooling fan problem	12/2/19	Mr.Sheik Abdullah	13/2/19	Problem rectified
7	Computer lab- IV	19/2/19	59	Cooling fan problem	19/2/19	Mr.Sheik Abdullah	20/2/19	Problem rectified

8	Computer lab- IV	26/2/19	60	No display in screen	26/2/19	Mr.Sheik Abdullah	27/2/19	Problem rectified
9	Computer lab- IV	27/2/19	32	No display in screen	27/2/19	Mr.Sheik Abdullah	28/2/19	Problem rectified
10	Computer lab- IV	1/3/19	35	No display in screen	1/3/19	Mr.Sheik Abdullah	2/3/19	Problem rectified
11	Computer lab- IV	3/3/19	37	No display in screen	3/3/19	Mr.Sheik Abdullah	4/3/19	Problem rectified
ACADEMIC YEAR 2018-2019- (COMPUTER LAB –V) EVEN SEMESTER								
1	Computer lab -V	11/3/19	20	System not working	11/3/19	Mr.Logesh	12/3/19	Problem rectified
2	Computer lab –V	14/3/19	10	Mouse not available	14/3/19	Mr.Logesh	15/3/19	Problem rectified
3	Computer lab –V	18/3/19	09	System not working	18/3/19	Mr.Sheik Abdullah	19/3/19	Problem rectified
4	Computer lab -V	25/3/19	30	Plug problem	25/3/19	Mr.Sheik Abdullah	26/3/19	Problem rectified
5	Computer lab -V	1/4/19	38	System not working	1/4/19	Mr.Sheik Abdullah	2/4/19	Problem rectified
6	Computer lab -V	8/4/19	39	System not working	8/4/19	Mr.Sheik Abdullah	9/4/19	Problem rectified
7	Computer lab -V	15/4/19	60	Plug problem	15/4/19	Mr.Sheik Abdullah	16/4/19	Problem rectified
8	Computer lab -V	22/4/19	54	No display in screen	22/4/19	Mr.Sheik Abdullah	23/4/19	Problem rectified
9	Computer lab-V	25/4/19	50	No display in screen	25/4/19	Mr.Sheik Abdullah	26/4/19	Problem rectified

10	Computer lab -V	26/4/19	48	No display in screen	26/4/19	Mr.Sheik Abdullah	27/4/19	Problem rectified
11	Computer lab -V	28/4/19	39	No display in screen	28/4/19	Mr.Sheik Abdullah	29/4/19	Problem rectified
12	Computer lab-V	29/4/19	02	System not working	29/4/19	Mr.Sheik Abdullah	30/4/19	Problem rectified
13	Computer lab-V	30/4/19	03	Plug problem	30/4/19	Mr.Sheik Abdullah	2/5/19	Problem rectified

Preventive Maintenance:

- The working conditions of the equipments are periodically checked.
- Do's and Don'ts of the laboratory are displayed in all laboratory.
- Stock register is maintained in all the laboratories and audits are conducted by stock verification committee to check the availability and working of the equipments.
- UPS back up is provided for all laboratories.
- Students are not allowed to use pen drives in the laboratory.
- Students are not allowed to install any software without the knowledge of Lab Instructor.
- Antivirus software is updated regularly to prevent the virus attacks.

Breakdown Maintenance:

- Minor repairs are carried out by the lab instructors or it is reported to the Computer maintenance Cell. In case of Major repair, the service report is obtained from industry person. Approval for Service of equipments is obtained from HOD, Principal, Purchase Manager, Chairman and fault is rectified.
- Service register is maintained in each laboratory.

Laboratory Ambience:

- Computer laboratories are spacious with individual partitions for each user.
- Laboratories are air conditioned and proper lighting and ventilation are available.
- Internet connectivity is provided for each system.
- Computer labs are equipped with modern equipments and latest software to meet the requirement of curriculum.

- All computer systems are connected with UPS for uninterrupted power supply and smooth working.
- List of lab experiments, Software and Hardware configuration are displayed in all the laboratories.

6.4 Project laboratories (5)

Total Marks 5.00

Institute Marks : 5.00

6. Project laboratory (5)

Facilities

- Sufficient numbers of computers with the following configuration are available for students project work in the laboratories listed in section 6.1.
- I5 Processor with 3.1 GHz speed
- 2 GB / 3 GB / 4 GB RAM
- Minimum of 500 GB HDD
- Project laboratories are open from 8.30 A.M-3.40 P.M during working hours and from 3.45 P.M – 5.30 P.M beyond the working hours.
- 155 Mbps internet connection is made available in the project labs.
- Project laboratories are provided with Wi-Fi facility.
- Special software tools for computer network projects such as NS2 are available.
- Mobile phone and Android studio kits are available for mobile apps development.
- Mat Lab tool to implement Data mining and Image processing projects is available.
- Support for usage of any open source tools, software and a simulator (like NS2) is available.

Utilization

- Students can utilize the project lab on all working days.
- In addition, The project lab is kept open for usage on all Saturdays and beyond the working hours (3.45 pm to 5.30 pm)

- The project Lab is also used for the mini projects and Mobile app development.

Table 6.11 Details of Project Laboratories

Sr. No.	Name of the Facilities	Utilization
1.	Mat lab licensed version software Available	UG/PG students, Research Scholars and Faculty Members utilize for their miniprojects, projects, and research activities.
2.	IOT lab licensed version software Available	UG/PG students, Research Scholars and Faculty Members utilize for their mini projects, projects, and research activities
3.	Argo UML free version software tool For drawing UML Diagrams	UG/PG students ,Research Scholars and Faculty Members utilize for their mini projects, projects, and research activities
4.	Grid and Cloud Computing Laboratory	UG/PG students, Research Scholars and Faculty Members utilize for their mini projects, projects, and research activities
5.	Mobile Application development lab available	UG/PG students, Research Scholars and Faculty Members utilize for their mini projects ,projects, and research activities

- | | | |
|----|--|---|
| | Project seminar hall which includes projector, PC system, software, audio systems. | UG/PG students, Research Scholars and Faculty
Members utilize for their mini projects, projects, and research activities presentation. |
| 6. | | |
| | R &D Lab | UG/PG students, Research Scholars and Faculty
Members utilize the R&D Lab for their projects and research activities |
| 7. | | |
| | Project Lab | UG/PG students ,Research Scholars and Faculty
members utilize the R & D Lab for their mini projects, projects, and research activities |
| 8. | | |
| | Internet of 100Mbps and Wi-Fi of 35Mbps | UG/PG students, Research Scholars and Faculty
Members utilize the internet and Wi-Fi facility for their Project and research activities, |
| 9. | | |
| | 10KVAUPS240VDCalongwith batteries | Used in case of Power failure in all PC System |
| 10 | | power failure |

6.5 Safety measures in laboratories (10)

Total Marks 10.00

Institute Marks : 10.00

Sr. No	Laboratory Name	Safety Measures
1	(Mobile Application development lab)	1.Fire extinguisher is readily available to avoid/ reduce the damage in case of fire. 2.First Aid kit is available in the Laboratory in case of emergency.
2	(Network and OOAD Lab)	1.All the laboratories are provided with Do's and Don'ts boards with exclusive points based on their usage. 2.Lab coat is made compulsory for the students
3	(Oops and Ds lab)	1.Sufficient ventilation is provided in laboratories. 2.Rubber mats are provided in the UPS room.
4	(Gcc and Security Lab)	1.Rubber mats are provided in the UPS room. 2.Lab assistants are trained to use the fire extinguishers in case of fire hazard
5	(Python Lab)	1.Electrical connections (including earthing) of computers and its accessories are checked periodically. 2.Students are instructed to shut down the systems after their usage.

7 CONTINUOUS IMPROVEMENT (50)

Total Marks 50.00

7.1 Actions taken based on the results of evaluation of each of the POs & PSOs (20)

Total Marks 20.00

Institute Marks : 20.00

POs Attainment Levels and Actions for Improvement- (2018-19)

POs	Target Level	Attainment Level	Observations
PO 1 : Engineering Knowledge			

PO 1	3.00	2.39	The attainment level of PO1 is lesser due to reduced attainment level of the following courses. 1. In MA6566 Discrete Mathematics more attention can be given for students due to lack of knowledge on the concepts of algebraic structures such as groups, rings and fields and also have awareness on which transform a finite set into another finite set which relates to input and output functions. 2. In CS6503 Theory of Computation - It is observed that more attention can be given for students to understand the complexities of Finite State Machine, Pushdown Automata, Turing Machine and Types of Grammar such as Context Free Grammars and Languages 3. In IT6502 Digital Signal Processing – It is observed that the slow learners were little awareness of the issues in signal processing and had minimal exposure in the electronics background subjects previously. 4. CS6702 Graph Theory and Applications- It is observed that the students have to be practiced with more problems in the classes.
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Action 1: The special coaching classes was arranged for students and also assignments given to them to learn programs Action 2: Special concentration was given for the slow learners and trained them on the basics and fundamentals. Discussed the university question papers and answer keys with the students for better understanding. Action 3: Multimedia presentation was given for the students for understanding the main concepts like DFA and NFA

PO 2 : Problem Analysis

PO 2	3.00	2.34	The attainment level of PO2 can be enhanced by improving the attainment level of strongly mapped following courses. 1. CS6702 Graph Theory and Applications – It is observed that the students have to be practiced with more problems in the classes. 2. CS6501 Internet Programming – It is observed that more attention is to be given on design and development of distributed, multi-tier applications through IDEs. 3. CS6612 Compiler Laboratory - It is observed that more emphasis is to be given on parsing and syntax directed translation schemes for generating intermediate codes. 4. CS6704 Resource Management Techniques – it is observed that the student have lack of knowledge in Duality concepts and Linear programming problems
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Action 1: Special classes Conducted for CS6702 Graph Theory and Applications to solving the tough university problems. Action 2: For CS6501 Internet Programming basic programs has been solved in lab for understanding the concepts. Trained them in Core concepts Java with simple examples. Action 3: Mathematical model based special coaches were given to the lateral entry students so that they learn to map the mathematical problems. Action 4: Special concentration was given for the slow learners and trained them on the basics and fundamentals. Discussed the university question papers and answer keys with the students for better understanding

PO 3 : Design/development of Solutions

PO 3	3.00	2.33	The attainment level of PO3 can be enhanced by improving the attainment level of strongly mapped following courses. 1. CS6501 Internet Programming - It is observed that more attention is to be given on design and development of distributed, multi-tier applications through IDEs. 2. CS6504 Computer Graphics - Good mathematical and analytical skills are needed to understand the problems to develop algorithms accordingly by considering time and space utilization. 3. CS6660 Compiler Design – It is observed that more emphasis is to be given on parsing and syntax directed translation schemes for generating intermediate codes. 4. CS6701 Cryptography and Network Security – Better analytical skills are needed to understand the cryptographic algorithms and solving the problems.
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Action 1: Special concentration on the computational problems and network related concepts. And conducted slip test frequently for improving the knowledge. Action 2: Video lectures was shown to the students for understanding the parser concepts. Special focus was given to different parsing techniques and syntax directed translation schemes Action 3: Basic programs has been solved in lab for understanding the concepts. Trained them in Core concepts Java with simple examples. The special coaching classes was arranged for students and also assignments given to them to learn programs.

PO 4 : Conduct Investigations of Complex Problems

PO 4	3.00	2.33	The attainment level of PO4 can be enhanced by improving the attainment level of strongly mapped following courses. 1. CS6503 Theory of Computation – It is observed that more attention can be given for students to understand the complexities of Finite State Machine, Pushdown Automata, Turing Machine and Types of Grammar such as Context Free Grammars and Languages. 2. CS6702 Graph Theory and Applications- It is observed that the students have to be practiced with more problems in the classes. 3. IT6501 Digital Signal Processing - It is observed that the student find it difficult to understand the design aspects in IIR filters and FIR filters as they lack sound knowledge in Fourier Transforms which is a prerequisite. . 4. CS6701 Cryptography and Network Security – Better analytical skills are needed to understand the cryptographic algorithms and solving the problems.
Action 1: It is planned to conduct additional classes, guest lectures and workshops to strengthen student's mathematical and analytical skills. Action 2: It is planned to give special attention to develop the distributed, multi-tier applications during the practical sessions using the tools such as NetBeans and Eclipse IDE Action 3: Guest lectures and seminars have to be organized to gain knowledge about emerging technologies and tools in data warehousing and mining. It is planned to organize various hands on training sessions to students on various tools to strengthen their modern tool usage knowledge to meet industry requirements			
PO 5 : Modern Tool Usage			
PO 5	3.00	2.38	The attainment level of PO5 can be enhanced by improving the attainment level of strongly mapped following courses. 1. In CS6402 Design and Analysis of Algorithms - Good mathematical and analytical skills are needed to understand the problems to develop algorithms accordingly by considering time and space utilization. 2. In CS6501 Internet Programming - It is observed that more attention is to be given on design and development of distributed, multi-tier applications through IDEs. 3. In CS6611 Mobile Application Development Laboratory - It is observed that the components and structure of mobile application development frameworks for Android and windows OS based mobiles and to understand how to work with various mobile application development frameworks.

Action 1: It is planned to conduct additional classes, guest lectures and workshops to strengthen student's mathematical and analytical skills. Action 2: It is planned to give special attention to develop the distributed, multi-tier applications during the practical sessions using the tools such as NetBeans and Eclipse IDE Action 3: Guest lectures and seminars have to be organized to gain knowledge about emerging technologies and tools in data warehousing and mining. It is planned to organize various hands on training sessions to students on various tools to strengthen their modern tool usage knowledge to meet industry requirements

PO 6 : The Engineer and Society

PO 6	3.00	2.33	It is observed that the attainment level of PO6 can be enhanced by strengthening the activities like conducting guest lectures, seminars, and presentations etc.
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Action 1: The students are motivated and mentored to undertake socially relevant projects which cater to societal needs, help in health monitoring, precautionary aspects in hazardous environments etc. Projects related to agriculture, pest control, weather prediction, home security, solutions to challenges faced by industries are being carried out. Action 2: The department very much encourages the students to develop user friendly applications for the elderly and disabled. Action 3: Students are advised to participate in Rotaract, Student Associations and Professional Societies and do more social activities. Action 4: Students are advised to be members in professional societies like CSI, IEEE, IET society etc. to build a rapport with outside world and contribute to the needs of society. Action 5: Programmes will be conducted on a frequent basis to create social awareness.. Action 6: Guest lectures and seminars by experts from reputed institutions and industries are arranged on a regular basis to talk on Electronics and Society. Action 7: Students are encouraged to read newspapers, magazines, technical and non-technical articles daily to know about societal, health, safety, legal and cultural issues and share the information among other students

PO 7 : Environment and Sustainability

PO 7	3.00	2.35	It is observed that the attainment level of PO7 can be enhanced by encouraging the students to use the technology to conserve the environment.
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Action 1: In the course GE6351 Environmental Science and Engineering, the students are mentored to do the projects with the efficient utilization of environmental resources taking care of hazards with precautionary measurements

PO 8 : Ethics

PO 8	3.00	2.28	It is observed that the attainment level of PO8 can be enhanced by the students to dedicate themselves as responsible engineers to meet the norms of engineering practices.
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Action 1: Seminar has been given in the topic "Professional Ethics in Engineering" to the students and more case studies, surveys are given as assignments to apply ethical principles and exhibit high degree of professionalism in all fields. Video presentations are made on different disasters in order to analyze their root causes and precautionary measures that will prevent such happenings.

PO 9 : Individual and Team Work

PO 9	3.00	2.46	It is observed that the attainment level of PO9 can be enhanced by encouraging the students to work individually and as a team in many ways
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Action 1: Encourage students to do mini project individually in the CS6502 Object Oriented Analysis and Design Laboratory. Action 2: Encourage students to carry out summer and winter projects as a team during their semester holidays. Action 3: Encourage the students work together as a team in the department association and society activities, in organizing symposiums, workshops, quiz contests, debugging contests and gaming activities which may be multidisciplinary, thereby acquiring leadership qualities and team work skills. Action 4: Conduct Website Design and Code Debugging Contests in intra and inter-department levels by forming teams.

PO 10 : Communication

PO 10	3.00	2.27	It is observed that the attainment level of PO10 can be enhanced by giving more training to the students to improve their communication skills. GE6674 1 – Communication and Soft Skills- Laboratory CS6811 – Project Work
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Action 1: In the course GE6674 – Communication and Soft Skills- Laboratory, many books will be suggested for extensive reading, so that the students will inculcate the habit of reading and also will develop their communication skills. Action 2: In the course GE6674:Communication Skills– Laboratory, more hours will be planned so that the students involve in group discussions,, resume writing so that the students will develop their soft and interpersonal skills which will make their transition from college to workplace smoother and help them excel in their job. Action 3: The students will be given training on soft skills and communication skills development as a part of the classes conducted for placement and training which is used to boost our placement count in the campus recruitment process

PO 11 : Project Management and Finance

PO 11	3.00	2.26	It is observed that the attainment level of PO11 can be enhanced by improving the attainment level of strongly mapped following courses. 1. In MG6088 Software Project Management – More case studies related to software project management can be given to students and analyzed
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Action 1: Special focus will be given to solve many case studies related to software project management. Students will also be made to do assignments in these areas. Question papers will be set giving more weightage on case studies.

PO 12 : Life-long Learning

PO 12	3.00	2.36	It is observed that the attainment level of PO12 can be enhanced by making effective use of library hours and facilitating by the students to develop models, kits and prototypes independently
Action 1: Library hours will be properly utilized by monitoring the students to ensure the effective use of Journals, Magazines, Reference Books, NPTEL videos and internet facilities to browse and update the latest technological developments and current happenings in the industries and society. Action 2: Life-long learning will be facilitated by improving the openings for students in core companies. Exclusive training sessions will be planned to facilitate the students to meet the needs of core industries and thereby getting core placements. Action 3: The students will be motivated to engage in experiential learning activities, internet based assignments on latest trends and advancements in electronics, developing their own miniaturized application kits and prototypes that will promote collaborative & higher order critical thinking skills, inquiry with problem-based learning, and technological skills to meet the specified rubrics. Action 4: Collaboration with Organizations and Industries working on Communication projects will be enhanced by applying for funding projects and signing MoUs to facilitate students to work in that field effectively. Action 5: Faculty members will adopt ICT based teaching to improve the Teaching-Learning process. Action 6: Students will be encouraged to use library after college hours to facilitate them to update and upgrade their knowledge.			

PSOs Attainment Levels and Actions for Improvement- (2018-19)

PSOs	Target Level	Attainment Level	Observations
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PSO 1 : 1. To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.

PSO 1	3.00	2.32	It is observed that the attainment level of PSO1 can be enhanced by improving the attainment level of strongly mapped following courses. 1. In CS8491 Computer Architecture – basic principles of digital electronics need to be strengthened which is a pre-requisite for learning this subject. 2. In CS8351 Digital Principles and System Design – It is observed that more attention is to be given on design and analysis of synchronous and asynchronous sequential circuits.
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Action 1: Extra classes and special tutorial classes are will be taken to brush up the basic concepts of digital electronics, so that the students will be able to understand the concepts in this subject. Action 2: It is planned to give special attention on design and analysis of synchronous and asynchronous sequential circuits by solving and practicing more design and analysis problems on these topics.

PSO 2 : 2. To apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 2	3.00	2.34	It is observed that the attainment level of PSO2 can be enhanced by improving the attainment level of strongly mapped following courses. 1. In CS8392 Object Oriented Analysis and Design. – Knowledge on designing solutions for solving engineering problems is necessary while studying the subject.
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Action 1: Students will be encouraged to develop products using OOAD tools and open source platforms.

PSO 3 : 3. To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems

PSO 3	3.00	2.36	It is observed that the attainment level of PSO3 can be enhanced by improving the attainment level of strongly mapped following courses: 1. MA8402-Probability and Queuing Theory-- It is observed that the students have to be practiced with more problems in the classes. 2. CS8494 - Software Project Management-More case studies related to software project management can be given to students and analyzed.
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Action 1: Students will be encouraged to analyze the local and global impact of computing on individuals and society. Action 2: Students are highly encouraged to do the mini projects and final year projects that having highest impact on societies.

7.2 Academic Audit and actions taken thereof during the period of Assessment (10)

Total Marks 10.00

Institute Marks : 10.00

1. Assessment criteria

- Quality in education is about improvement and accountability.
- In order to meet the required Course Outcome's (CO's) quality in education, the expected Program Outcomes (POs), Program Specific Outcomes (PSOs) are examined, monitored and mapped.
- Also the planning and execution of the program is Audited by a centralized Academic Audit Committee of the college. The Audit committee checks the preparedness and effective delivery of each course

2. Frequency

- The Academic audits are carried out twice every semester. One is conducted in the beginning of the semester and is termed as the "Entry Audit" while the other is conducted at the end of the semester and is termed as the "Exit Audit".
- In the "Entry audit", the preparations necessary for the forthcoming semester is checked as per standards.
- Meanwhile, in the "Exit Audit", the effectiveness and the completion of the course is ensured and reviewed.

3. Conduct mechanism

- As a periodical check to improve the teaching learning process, during the commencement of every semester the first academic audit is carried to evaluate the preparation status of every staff for their subject which to be handled.
- In entry audit the controlled copy of syllabus, lesson plan, Name list of the class which is to be handled, question bank of every unit, latest five year university question paper, content beyond syllabus for every unit, course materials, videos, PPTs, charts, monograms whichever applicable for that particular subject is checked.
- The Exit audit for that particular semester is conducted at the end of the semester to evaluate the effective delivery and completion of the particular course.
- In this audit, along with the study materials available from the beginning of the semester, the completed log books, question papers of cycle tests and Continuous Assessment tests along with the answer keys, Answer booklets of the students, Mark lists of the students for the particular subjects available in the course file are checked.

4. Action plan

- Academic audit is a monitoring mechanism to check the effective delivery of each program of the department. As a measure for continuous improvement the following steps are carried out:
- Based on the non-compliance report given by Audit department corrective action plan is initiated in the department.
- This action plan ensures a healthy and monitored assessment which results in continuous improvement.

5. Implementation and effectiveness

Due to an effective Academic audit, the following outcomes are obtained:

- A faculty-centered methodology is generated that supports institutional effectiveness & expectations.
- A thoroughly documented process is framed, that results in an ongoing chronicle of activities, results and use of results to effect quality improvement.
- The audit becomes a way by which continuous quality improvement of teaching and learning can be sustained.

S. No	Assessment criteria	Frequency	Conduct mechanism	Action plan	Implementation and effectiveness
1	Syllabus coverage	3 per semester	1) The syllabus coverage by the staff may be checked according to the lesson plan and the time table. 2) Log book of the subject may be verified. 3) Teaching methodologies 4) Special class time table/conduction 5) CAT Performance	• Framing of Time Table for Extra Theory classes • Extra Lab sessions	Coverage of Syllabus
2	Faculty contribution and achievements	1 per year	1) University results 2) Journal and conference papers published. Research projects carried out. Patents obtained.	Self appraisal for individual faculty	Improvements in Teaching Learning Process
3	Quality of teaching	2 per semester	1) Student feedback 2) Students participation in technical events	If feedback goes below 2.5, corrective and preventive actions are taken by HOD	Improvement in Teaching Learning Process
		3 per semester	3) Class committee meeting	Conducted three times a semester and minuted. HOD & Principal review the minutes and follow up actions are taken thereof.	Improvement in Teaching Learning Process

S. No	Assessment criteria	Frequency	Conduct mechanism	Action plan	Implementation and effectiveness
4	Students Placement	1 per year	1) Number of students placed 2) Salary of the companies Core/software	Placement cell is arranging the placement. Department is taking initiatives for core company placements by conducting mock interviews, comprehensions, value added courses.	Increase in number of placements every year
5.	Assessment from Industries	1 per year	Placement and Feedback from the industries	Employee feedback from the industries	Increase in number of placements every year
6	Assessment from the Alumni	1 per year	Growth and achievements of alumni	Alumni Feedback Involvement of alumni in placements	Improvement in Teaching Learning Process. Increase in number of placements every year
7	Assessment from the professionals	1 per year	1) Number of programs conducted in collaboration. 2) Feedback from the Industries 3) Advisory Committee Meeting 4) Governing Council Meeting 5) Management Review Meeting	Industry supported Labs, Guest Lectures, Value Added Course	
8	Programme image building	1 per year	1) Achievements of students displayed in the Media 2) Inter college events like Symposium, Conference, Workshop, Project Exhibition	Placement Achievements, Ranking, Co curricular/ Extra-curricular activities, professional Society activities	Increase in number of activities

7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

Total Marks 10.00

Institute Marks : 10.00

Assessment is based on improvement in:

- Placement: number, quality placement, core industry, pay packages etc.
- Higher studies: performance in GATE, GRE, GMAT, CAT etc., and admissions in premier Institutions
- Entrepreneurs

Item	CAY (2020)	CAYm1 (2018-19)	CAYm2 (2017-18)	CAYm3 (2016-17)
Total No. of Final Year Students (N)	97	107	94	53
No. of Students Placed in Companies or Government Sector (X)		37	53	27
No. of Students admitted to higher studies with valid qualifying scores (GATE or Equivalent State or National Level Tests, GRE, GMAT, etc.)(Y)		1	1	-
No. of students turned entrepreneur in engineering / technology(Z)		-	-	-
Placement Index: $(X+Y+Z)/N$		35.5	57.4	50.9

7.4 Improvement in the quality of students admitted to the program (10)

Total Marks 10.00

Institute Marks : 10.00

Item		2019-20	2018-19	2017-18
National Level Entrance Examination NIL	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
State/ University/ Level Entrance Examination/ Others NIL	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
Name of the Entrance Examination for Lateral Entry or lateral entry details NIL	No of students admitted	0	1	2
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		107	119	108

8 FIRST YEAR ACADEMICS (50)

Total Marks 43.00

8.1 First Year Student-Faculty Ratio (FYsFR) (5)

Total
Institute

Please provide First year faculty information considering load for the particular program

Name of the faculty member	PAN No.	Qualification	Date of Receiving Highest Degree	Area of Specialization	Designation	Date of joining	Teaching load (%)			Currently Associated (Yes / No)	Nature Of Association (Regular / Contract)
							CAY	CAYm1	CAYm2		
A.VEERAMAN	AJOPV5753A	M.Sc. and PhD		MATHEMATICS	Professor	01/07/2016	37	37	37	Yes	Contractual

S.MAHESWAF	ATIPM9143R	M.Phil		MATHEMATICS	Associate Professor	19/12/2016	0	50	50	No	Regular
G.CHITRA	ASMP5965E	M.Phil		MATHEMATICS	Associate Professor	01/06/2011	50	50	50	Yes	Regular
R.VENKUTTU	AHFPV8199M	M.Phil		MATHEMATICS	Assistant Professor	03/07/2013	75	75	75	Yes	Regular
P.KALEESWAF	BNJPK7327K	M.Phil		MATHEMATICS	Assistant Professor	16/06/2014	75	75	75	Yes	Regular
M.BIMI	ACBIB2344M	M.Phil		MATHEMATICS	Assistant Professor	01/08/2016	75	75	75	Yes	Regular
M.TAMILMOZH	AYDPT0249D	M.Phil		MATHEMATICS	Assistant Professor	01/07/2016	75	75	75	Yes	Regular
J.PARTHIBAN	CUWPP6752G	M.Sc. and PhD		MATHEMATICS	Associate Professor	10/08/2016	50	50	50	Yes	Regular
G.SHYAMSUN	DNHPS3764N	M.Sc. and PhD		MATHEMATICS	Associate Professor	18/08/2016	50	50	50	Yes	Contractual
B.ROOPA	CARPR7152M	M.Phil		MATHEMATICS	Assistant Professor	17/08/2015	75	75	75	Yes	Regular
P.REVATHY	BRXPP9919E	M.Phil		MATHEMATICS	Assistant Professor	16/09/2015	75	75	75	No	Regular
M.LAXMI PRIY	AKPPL0527J	M.Phil		MATHEMATICS	Assistant Professor	20/10/2017	50	50	50	Yes	Regular
T.SARAVANAN	DECPS7174J	M.Phil		MATHEMATICS	Assistant Professor	03/08/2018	75	75	75	Yes	Regular
V.SUGUNA	HHHPS8330G	M.Phil		MATHEMATICS	Assistant Professor	11/06/2018	75	75	75	Yes	Regular
P.R.SAKTHIVE	HJAPS6438C	M.Phil		MATHEMATICS	Assistant Professor	13/06/2018	75	75	75	Yes	Regular

V.MAHENDRA	BILLM5668R	M.Phil		MATHEMATICS	Assistant Professor	14/09/2012	0	75	75	No	Regular
V.DEVI RAJAS	ASIPD6265C	M.Phil		MATHEMATICS	Associate Professor	15/06/2013	0	0	50	No	Regular
J.MONICA	BLEPM0550M	M.Phil		MATHEMATICS	Assistant Professor	01/07/2016	0	75	75	No	Regular
G.SUMATHI	BBEPS4088N	M.Sc. and PhD		MATHEMATICS	Associate Professor	02/12/2016	0	50	50	No	Regular
S. CHENTHIL	AIYPC2227P	M.Sc. and PhD		Physics	Professor	06/07/2015	37	37	37	Yes	Contractual
V.SILAMBARA	ACEPU9424E	M.Sc. and PhD		Physics	Associate Professor	02/07/2018	0	50	50	No	Regular
A.ARUNACHA	BNTPA7332Q	M.Sc. and PhD		Physics	Associate Professor	01/02/2017	50	50	50	Yes	Contractual
M.NAGESHW	AILPN2492C	M.Sc. and PhD		Physics	Assistant Professor	25/06/2015	75	75	75	Yes	Regular
C.P.NIRMALAE	BVHPP7921G	M.Phil		Physics	Assistant Professor	25/07/2016	75	75	75	Yes	Regular
K.BHAVANI	AQCPB4288K	M.Phil		Physics	Assistant Professor	06/01/2016	0	75	75	No	Regular
M.BHUVANES	AUWPB2999P	M.Phil		Physics	Assistant Professor	30/08/2016	0	75	75	No	Regular
T.MAHENDAR	AFSPT8645R	M.Phil		Physics	Assistant Professor	20/09/2017	0	50	50	No	Regular
G.BALAKRISH	AUKPB0272F	M.Sc. and PhD		Physics	Professor	01/08/2016	37	37	37	Yes	Regular
R.GUNASEKA	BSLPQ7241Q	M.Phil		Physics	Assistant Professor	04/09/2017	0	75	75	No	Regular

I.MIRUNA	BZGPM8316K	M.Phil		Physics	Assistant Professor	29/06/2015	0	0	75	No	Regular
VJ.THANIGAI ,	AHKPT1368F	M.Phil		Physics	Associate Professor	03/08/2015	50	50	50	Yes	Regular
CR.KUMARAN	BNJAS8775K	M.Sc. and PhD		Physics	Professor	01/07/2016	0	37	37	No	Regular
R.PERUMAL	CLEPP5145E	M.Sc. and PhD		PHYSICS	Associate Professor	01/07/2016	0	0	50	No	Regular
Dr. RAJA MOH	DHIPP5125D	M.Sc. and PhD		Chemistry	Professor	17/09/2018	37	37	37	Yes	Regular
S.DORATHY	AUJPD7616G	M.Sc. and PhD		Chemistry	Associate Professor	22/06/2015	50	50	50	Yes	Regular
P.RAMU	AQJPR1914R	M.Phil		Chemistry	Associate Professor	29/08/2016	50	50	50	Yes	Regular
S.ROSY CHRI	BFCPR9551K	M.Phil		Chemistry	Assistant Professor	01/07/2014	75	75	75	Yes	Regular
G.SIVASHANM	AUNPV4354M	M.Phil		Chemistry	Assistant Professor	05/09/2016	75	75	75	Yes	Regular
P.GAYATHRI	BJJPG6235J	M.Phil		Chemistry	Assistant Professor	01/07/2016	75	75	75	Yes	Regular
S.MANIMEGH,	AYXPM1668B	M.Phil		Chemistry	Assistant Professor	17/08/2015	75	75	75	No	Regular
M.PITCHAIMA	DHIPP5125D	M.Phil		Chemistry	Assistant Professor	18/02/2015	0	0	75	No	Regular
N.BABITHA	BBIPB2748A	M.Phil		Chemistry	Assistant Professor	01/07/2014	0	0	75	No	Regular
R.KALAIVIZHI	BLTPK9422M	M.Sc. and PhD		Chemistry	Professor	01/10/2014	37	37	37	No	Regular

R.NAVEENA	AYMPN6758Q	M.Phil		Chemistry	Assistant Professor	01/07/2016	0	0	75	No	Regular
J.LOGESWAR	AEKPL5423N	M.Sc. and PhD		Chemistry	Associate Professor	17/08/2016	0	37	37	No	Regular
A.ANITHA	ANTPA1868Q	M.Phil		Chemistry	Assistant Professor	01/07/2016	0	0	75	No	Regular
SUNEEL KUM.	BMZPS5607S	M.A and Ph.D		English	Professor	01/02/2017	0	37	37	No	Regular
P.CHANDRU	BBMPC8004L	M.Phil		English	Associate Professor	22/06/2015	50	50	50	Yes	Regular
S.KOKILA	DBCPK7523N	M.Phil		English	Assistant Professor	08/09/2018	75	75	75	Yes	Regular
A. NANTHAKU	BALPN8506L	M.Phil		English	Assistant Professor	02/07/2018	75	75	75	Yes	Regular
S.JAINIPRIYA	BEUPJ8662Q	M.Phil		English	Assistant Professor	01/09/2016	75	75	75	Yes	Regular
C.FRANKLIN	ABEPF1490L	M.Phil		English	Assistant Professor	06/01/2017	75	75	75	No	Regular
R.K.SUBASHII	CSGPS7981E	M.Phil		English	Assistant Professor	17/08/2016	0	0	75	No	Regular
. SUGANTHA I	AASPE5158M	M.A and Ph.D		English	Professor	27/09/2017	0	0	37	No	Regular
P.ARULKUMAI	ABCZA1387C	M.Phil		Physical director	Assistant Professor	01/06/2016	75	75	75	Yes	Regular
A.VIMALA	ANRPV1784C	M.Phil		Librarian	Assistant Professor	17/06/2014	75	75	75	Yes	Regular

Year	Number Of Students(approved intake strength) N	Number of Faculty members(considering fractional load) F	FYSFR (N/F)	*Assessment= (5*20)/FYSFR(Limited to Max.5)
2017-18(CAYm2)	600	35	17	5
2018-19(CAYm1)	600	29	21	4
2019-20(CAY)	480	22	22	4
Average	560	28	20	4

8.2 Qualification of Faculty Teaching First Year Common Courses (5)

Total Marks 4.67

Institute Marks : 4.67

Year	x (Number Of Regular Faculty with Ph.D)	y (Number Of Regular Faculty with Post graduate Qualification)	RF (Number Of Faculty Members required as per SFR of 20:1	Assessment Of Faculty Qualification [(5x + 3y) / RF]
2016-2017	14	31	30	5.00
2017-2018	13	30	30	5.00
2018-2019	9	22	24	4.00

Average Assessment: 4.67

8.3 First Year Academic Performance (10)

Total Marks 4.33

Institute Marks : 4.33

Academic Performance	2019-20	2018-19	2017-18
Mean of CGPA or mean percentage of all successful students(X)	8.08	7.67	7.22
Total Number of successful students(Y)	47.00	78.00	66.00
Total Number of students appeared in the examination(Z)	109.00	125.00	101.00
API [$X*(Y/Z)$]	3.48	4.79	4.72

Average API[(AP1+AP2+AP3)/3] : 4.33

Assessment [1.5 * Average API] : 4.33

8.4 Attainment of Course Outcomes of first year courses (10)

Total Marks 10.00

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is done (5)

Institute Marks : 5.00

Scheme and Syllabus (Subject wise) is provided by the University. We have developed our co all course outcomes are developed using Bloom taxonomy and consequently assignments tests quiz practical and internal exams and projects are aligned to the Cos addressing the same levels of Blooms Taxonomy. Each unit covers one or two Cos, generally 1st unit covers **Remembering and understanding level**, 2nd unit cover **applying level**, 3rd unit covers **analysing level**, 4th and 5th unit covers **Evaluating and creating level**. But it may vary from subject to subject. Some subjects may cover only four levels; some may five or all six levels. For evaluation of Cos well defined statistical technique is used to map the question with the CO and mapping with the Pos and PSOs. Since the question wise results of students from university are not available, analysis of CO with question is limited to internal examinations, assessment of lab practical, assignments, quiz ONLY

S.No Academic Year **Attainment of CO**

Students have taken R17 regulation stipulated by Anna University

- | | | |
|---|---------|---|
| 1 | 2018-19 | <ul style="list-style-type: none"> • Three Internal tests for maximum mark of 50 are conducted. The final internal marks have been assessed 80% of maximum internal marks of three exams and 20% of minimum marks of three internal exams. • The performance of a student in internal assessment with respect to the CO's is recorded. • End semester University exam performance of students for the maximum mark of 80 is considered for external exam performance. • The summation of these two performances is considered as cumulative assessment for a prescribed course out come. • The laboratory assessment is evaluated for 100 marks. marks are divided into 20 as internal assessment and 80 marks as external assessment. The internal assessment 20 is further divided into day to day performance – 5, record – 5 and internal examination-10 |
|---|---------|---|

Students have taken R17 regulation stipulated by Anna University

- | | | |
|---|---------|---|
| 2 | 2017-18 | <ul style="list-style-type: none"> • Three Internal tests for maximum mark of 50 are conducted. The final internal marks have been assessed 80% of maximum internal marks of three exams and 20% of minimum marks of three internal exams. • The performance of a student in internal assessment with respect to the CO's is recorded. • End semester University exam performance of students for the maximum mark of 80 is considered for external exam performance. • The summation of these two performances is considered as cumulative assessment for a prescribed course out come. • The laboratory assessment is evaluated for 100 marks. marks are divided into 20 as internal assessment and 80 marks as external assessment. The internal assessment 20 is further divided into day to day performance – 5, record – 5 and internal examination-10 |
|---|---------|---|

Students have taken R13 regulation stipulated by Anna University

- | | | |
|---|---------|---|
| 3 | 2016-17 | <ul style="list-style-type: none"> • Three Internal tests for maximum mark of 50 are conducted. The final internal marks have been assessed 80% of maximum internal marks of three exams and 20% of minimum marks of three internal exams. • The performance of a student in internal assessment with respect to the CO's is recorded. • End semester University exam performance of students for the maximum mark of 80 is considered for external exam performance. • The summation of these two performances is considered as cumulative assessment for a prescribed course out come. • The laboratory assessment is evaluated for 100 marks. marks are divided into 20 as internal assessment and 80 marks as external assessment. The internal assessment 20 is further divided into day to day performance – 5, record – 5 and internal examination-10 |
|---|---------|---|

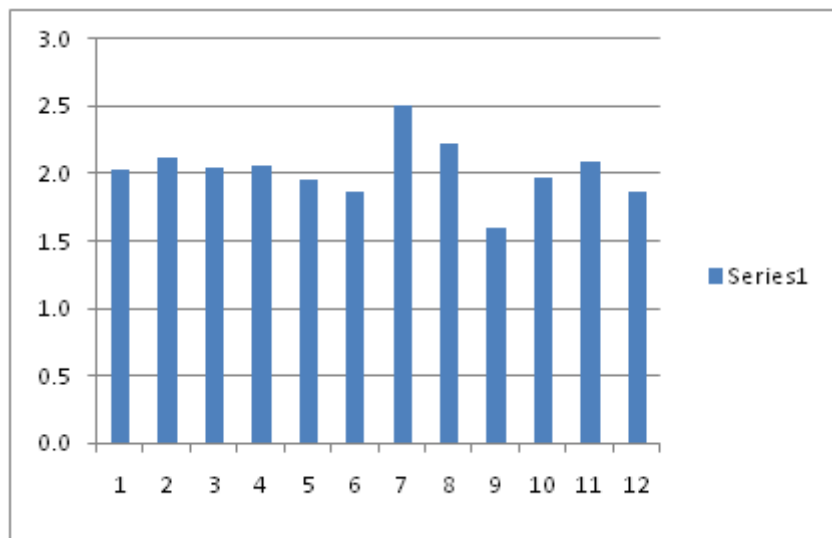
8.4.2 Record the attainment of Course Outcomes of all first year courses (5)

Batch : 2016- 2020

Course : COMPUTER SCIENCE AND ENGINEERING

S.No	Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	1HS 6151	Technical English I	1.9	0.0	0.0	0.0	0.0	1.9	1.5	1.9	1.3	1.9	0.0	1.5
	2MA 6151	Mathematics I	1.7	1.7	1.7	1.7	1.4	1.5	0.0	0.0	1.2	0.0	1.2	1.5
	3PH 6151	Engineering Physics I	1.9	1.3	1.9	1.0	1.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
	4CY 6151	Engineering Chemistry I	1.8	1.8	1.5	1.2	1.2	0.5	1.5	0.0	0.0	0.0	0.0	1.8
	5GE 6151	Computer Programming	1.7	1.7	1.5	1.2	1.1	0.5	1.5	0.0	0.0	0.0	0.0	1.7

6GE 6152	Engineering Graphics	2.0	2.0	2.0	1.3	1.3	0.0	0.0	0.0	1.3	0.0	0.0	1.7
	COMPUTER												
7GE 6161	PRACTICES	2.4	2.4	2.4	2.4	2.4	1.6	0.0	0.0	0.0	0.0	0.0	2.4
	LABORATORY												
8GE 6162	Engineering practices Laboratory	2.3	1.6	1.6	2.3	2.3	2.3	1.9	0.0	0.0	0.0	0.0	1.6
9HS 6251	Technical English II	2.0	0.0	0.0	0.0	0.0	2.0	1.6	2.0	1.4	2.0	0.0	1.4
10MA 6251	Mathematics II	1.9	1.9	1.9	1.9	1.5	1.6	0.0	0.0	1.3	0.0	1.3	1.6
11PH 6251	Engineering Physics II	1.9	1.2	1.9	1.2	1.5	0.6	0.0	0.0	0.0	0.0	0.0	1.6
12CY 6251	Engineering Chemistry II	2.0	0.0	0.0	0.0	0.0	1.3	1.3	0.0	0.0	0.0	0.0	1.3
13CS6201	DIGITAL PRINCIPLES AND SYSTEM DESIGN	1.9	1.9	1.5	1.5	1.9	0.0	0.4	0.5	0.0	0.0	1.3	1.3
14CS6202	PROGRAMMING AND DATA STRUCTURES I	2.0	2.0	1.6	1.6	2.0	0.0	0.0	0.0	0.0	0.0	1.3	1.2
	PHYSICS AND												
15GE6262	CHEMISTRY	2.4	1.2	0.5	0.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0	1.6
	LABORATORY – II												
16CS6211	DIGITAL LABORATORY	2.4	2.4	2.4	1.6	2.4	1.6	0.0	0.0	0.0	0.0	2.4	2.4
17CS6212	CS6212 PDS LAB I	2.4	2.4	2.4	1.6	2.4	1.6	0.0	0.0	0.0	0.0	2.4	2.4
	Overall	2.0	2.1	2.0	2.1	1.9	1.9	2.5	2.2	1.6	2.0	2.1	1.9

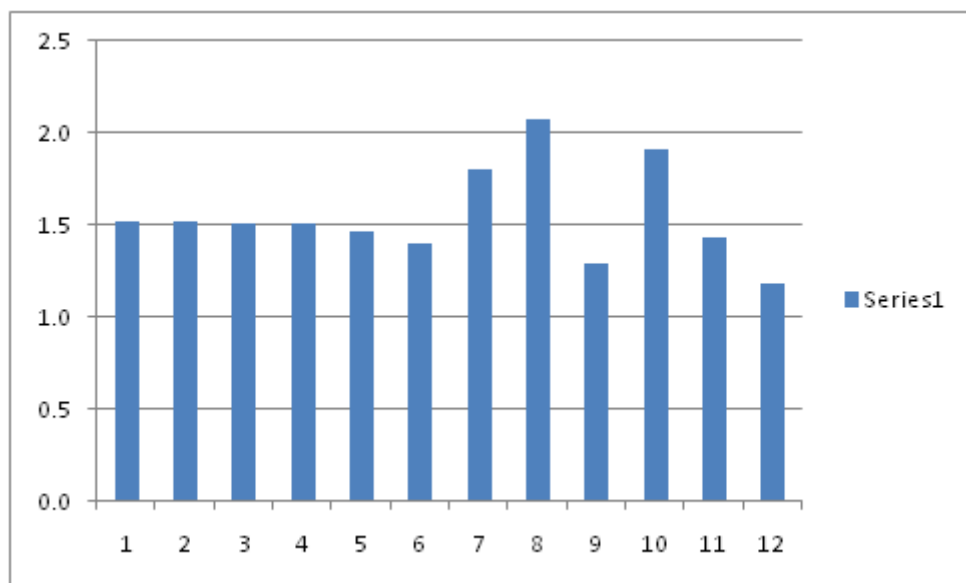


Batch : 2017- 2021

COMPUTER SCIENCE AND ENGINEERING

Course No	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
HS8151	Communicative English	1.5	0.0	0.0	0.0	0.0	1.5	1.2	1.5	1.0	1.5	0.0	0.0
MA8151	Engineering Mathematics I	1.1	1.1	1.1	1.1	0.8	0.9	0.0	0.0	0.7	0.0	0.7	0.0
PH 8151	Engineering Physics	1.5	1.0	1.5	0.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
CY8151	Engineering Chemistry	1.5	1.5	1.2	1.0	1.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0
GE8151	Problem Solving and Python Programming	1.5	1.5	1.2	1.0	1.1	0.4	1.2	0.0	0.0	0.0	0.0	0.0
GE 8152	Engineering Graphics	1.6	1.6	1.6	1.0	1.1	0.0	0.0	0.0	1.0	1.0	0.0	0.0
GE8161	Problem Solving and Python Programming Laboratory	1.7	1.7	1.7	1.7	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
BS8161	Physics and Chemistry Laboratory I	1.6	1.1	1.1	1.6	1.6	1.6	1.0	0.0	0.0	0.0	0.0	0.0
HS8251	Technical English	1.5	0.0	0.0	0.0	0.0	1.5	1.3	1.5	1.0	1.5	0.0	0.0
MA8251	Engineering Mathematics II	1.5	1.5	1.5	1.5	1.3	1.2	0.0	0.0	1.0	0.0	1.0	0.0

PH 8251	PHYSICS FOR INFORMATION SCIENCE	1.6	1.0	1.6	0.8	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
BE8255	BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.5	1.0	1.3	1.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0
GE8291	ENVIRONMENTAL SCIENCE AND ENGINEERING	1.5	0.0	0.0	0.0	0.0	1.5	1.5	1.1	1.1	0.0	0.0	0.0
CS8251	PROGRAMMING IN C	1.6	1.6	1.6	1.0	1.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0
GE8261	BEEE LAB	1.5	1.5	1.5	0.3	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
CS8261	C PROGRAMMING LABORATORY	1.6	1.1	1.1	1.6	1.6	1.6	1.6	0.0	0.0	0.0	1.6	0.0
Overall		1.5	1.5	1.5	1.5	1.5	1.4	1.8	2.1	1.3	1.9	1.4	0.0



Batch : 2018- 2022

Course : COMPUTER SCIENCE AND ENGINEERING

Evaluation of Programme Outcome Attainment of First Year Courses

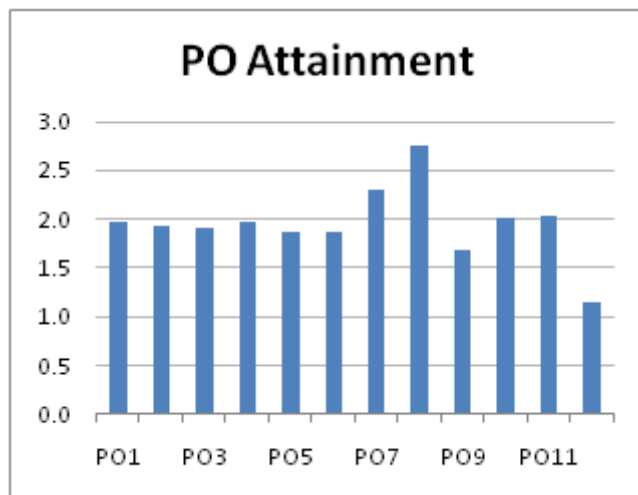
S.No
Course No

Course Title

Program outcomes

PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12

1	HS8151	Communicative English	2.2	0.0	0.0	0.0	0.0	2.2	1.7	2.2	1.4	2.2	0.0	1.8
2	MA8151	Engineering Mathematics I	1.4	1.4	1.4	1.4	1.1	1.1	0.0	0.0	0.9	0.0	0.9	1.2
3	PH 8151	Engineering Physics	1.6	1.1	1.6	0.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	1.3
4	CY8151	Engineering Chemistry	2.0	2.0	1.6	1.3	1.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0
5	GE8151	Problem Solving and Python Programming	1.5	1.5	1.2	1.0	1.0	0.4	1.2	0.0	0.0	0.0	0.0	1.5
6	GE 8152	Engineering Graphics	2.1	2.1	2.1	1.4	1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0
7	GE8161	Problem Solving and Python Programming Laboratory	2.4	2.4	2.4	2.4	2.4	1.6	0.0	0.0	0.0	0.0	0.0	2.4
8	BS8161	Physics and Chemistry Laboratory I	2.4	1.6	1.6	2.4	2.4	2.4	1.4	0.0	0.0	0.0	0.0	0.0
9	HS8251	Technical English	2.2	0.0	0.0	0.0	0.0	2.2	1.8	2.2	1.4	2.2	0.0	1.4
10	MA8251	Engineering Mathematics II	2.1	2.1	2.1	2.1	1.7	1.7	0.0	0.0	1.4	0.0	1.4	1.6
11	PH 8251	PHYSICS FOR INFORMATION SCIENCE	1.7	1.1	1.7	0.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
12	BE8255	BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.7	1.1	1.4	1.1	1.7	1.1	1.1	0.0	0.0	0.0	0.0	1.1
13	GE8291	ENVIRONMENTAL SCIENCE AND ENGINEERING	1.9	0.0	0.0	0.0	0.0	1.9	1.6	1.2	1.3	0.0	0.0	0.0
14	CS8251	PROGRAMMING IN C	1.6	1.6	1.6	1.1	1.1	0.0	0.0	0.0	1.1	1.1	0.0	1.3
15	GE8261	ENGINEERING PRACTICES LABORATORY	2.4	2.4	2.4	0.6	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
16	CS8261	C PROGRAMMING LABORATORY	2.4	1.6	1.6	2.4	2.4	2.4	2.4	0.0	0.0	0.0	2.4	1.6
Overall Attainment			2.0	1.9	1.9	2.0	1.9	1.9	2.3	2.8	1.7	2.0	2.0	1.2



Evaluation of Programme specific OutCome Attainment of First Year Courses

Batch : 2018- 2022

S.No	Course No	Course Title	PSOs	
			PSO1	PSO2
1	HS8151	Communicative English	1.4	0.0
2	MA8151	Engineering Mathematics I	0.9	1.4
3	PH 8151	Engineering Physics	1.4	1.1
4	CY8151	Engineering Chemistry	0.0	0.0
5	GE8151	Problem Solving and Python Programming	1.5	1.5
6	GE 8152	Engineering Graphics	1.4	0.0
7	GE8161	Problem Solving and Python Programming Laboratory	2.4	2.4
8	BS8161	Physics and Chemistry Laboratory I	0.0	0.0
9	HS8251	Technical English	1.5	0.0
10	MA8251	Engineering Mathematics II	1.0	0.9

11	PH 8251	PHYSICS FOR INFORMATION SCIENCE	0.8	0.0
12	BE8255	BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.1	0.0
13	GE8291	ENVIRONMENTAL SCIENCE AND ENGINEERING	1.2	0.0
14	CS8251	PROGRAMMING IN C	0.7	0.1
15	GE8261	ENGINEERING PRACTICES LABORATORY	2.1	1.4
16	CS8261	C PROGRAMMING LABORATORY	0.2	0.3
Average Attainment			1.10	0.56

PSO1

PSO2

Target

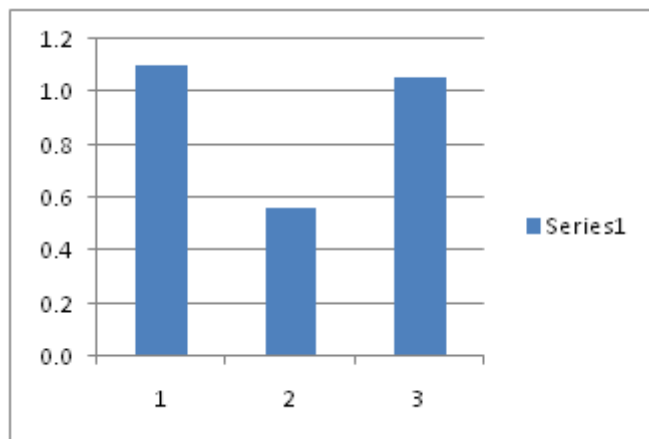
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1.1

0.6

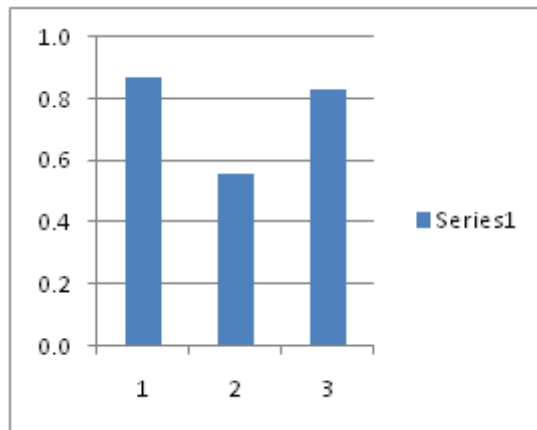


Batch : 2017- 2021

S.No	Course No	Course Title	PSOs
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	PSO1	PSO2	PSO3
1 HS8151 Communicative English	1	0	1
2 MA8151 Engineering Mathematics I	0.9	1.1	0.7
3 PH 8151 Engineering Physics	1.3	1.0	1.2
4 CY8151 Engineering Chemistry	0.0	0.0	1.0
5 GE8151 Problem Solving and Python Programming	1.5	1.5	1.5
6 GE 8152 Engineering Graphics	1.1	1.5	0.5
7 GE8161 Problem Solving and Python Programming Laboratory	1.0	0.6	1.2
8 BS8161 Physics and Chemistry Laboratory I	0.0	0.0	1.1
9 HS8251 Technical English	1.2	0.0	0.9
10 MA8251 Engineering Mathematics II	0.8	0.7	0.5
11 PH 8251 PHYSICS FOR INFORMATION SCIENCE	0.8	0.0	0.5
12 BE8255 BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.0	0.0	0.0
13 GE8291 ENVIRONMENTAL SCIENCE AND ENGINEERING	0.5	0.0	0.0
14 CS8251 PROGRAMMING IN C	1.6	1.0	1.0
15 GE8261 ENGINEERING PRACTICES LABORATORY	0.0	0.0	1.0
16 CS8261 C PROGRAMMING LABORATORY	1.3	1.4	1.1
Average Attainment	0.87	0.56	0.83

	PSO1	PSO2	PSO3
Target	1.7	1.1	1.7
Attain	0.9	0.6	0.8

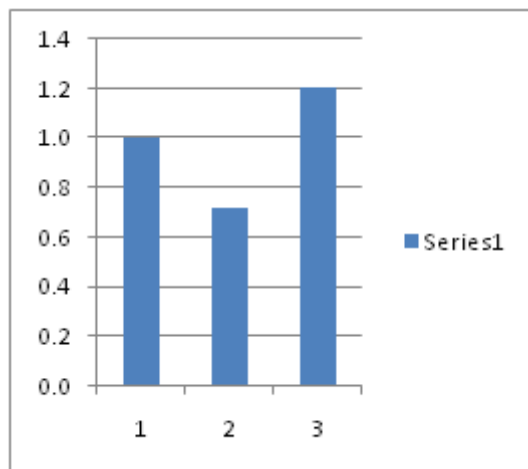


Batch : 2016- 2020

S.No	Course No	Course Title	PSOs		
			PSO1	PSO2	PSO3
1	HS 6151	Technical English I	1.3	0.0	1.3
2	MA 6151	Mathematics I	1.2	1.7	1.2
3	PH 6151	Engineering Physics I	1.6	1.3	1.5
4	CY 6151	Engineering Chemistry I	0.0	0.0	1.2
5	GE 6151	Computer Programming	1.7	1.7	1.7
6	GE 6152	Engineering Graphics	1.3	0.0	0.7
7	GE 6161	COMPUTER PRACTICES LABORATORY	2.4	2.4	2.4
8	GE 6162	Engineering practices Laboratory	0.0	0.0	1.6
9	HS 6251	Technical English II	1.4	0.0	1.1
10	MA 6251	Mathematics II	0.9	0.8	0.6
11	PH 6251	Engineering Physics II	0.9	0.0	0.6
12	CY 6251	Engineering Chemistry II	0.7	0.0	0.0

13CS6201	DIGITAL PRINCIPLES AND SYSTEM DESIGN	1.0	1.2	1.0
14CS6202	PROGRAMMING AND DATA STRUCTURES I	1.0	1.2	1.0
15GE6262	PHYSICS AND CHEMISTRY LABORATORY – II	0.0	0.0	1.6
16CS6211	DIGITAL LABORATORY	0.0	0.0	1.6
17CS6212	CS6212 PDS LAB I	1.9	2.1	1.6
	Average Attainment	1.01	0.72	1.21

	PSO1	PSO2	PSO3
Target	1.4	1.0	1.8
Attain	1.0	0.7	1.2



8.5 Attainment of Program Outcomes from first year courses (20)

Total Marks 20.00

8.5.1 Indicate results of evaluation of each relevant PO and/ or PSO, if applicable (15)

Institute Marks : 15.00

POs Attainment:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2018-19 Communicative English	2.2	0	0	0	0	2.2	1.7	2.2	1.4	2.2	0	1.8
Engineering Mathematics I	1.4	1.4	1.4	1.4	1.1	1.1	0	0	0.9	0	0.9	1.2
Engineering Physics	1.6	1.1	1.6	0.8	1.3	0.4	0	0	0	0	0	1.3
Engineering Chemistry	2	2	1.6	1.3	1.3	0.6	1.6	0	0	0	0	0
Problem Solving and Python Programming	1.5	1.5	1.2	1	1	0.4	1.2	0	0	0	0	1.5
Engineering Graphics	2.1	2.1	2.1	1.4	1.4	0	0	0	1.4	0	0	0
Problem Solving and Python Programming Laboratory	2.4	2.4	2.4	2.4	2.4	1.6	0	0	0	0	0	2.4
Physics and Chemistry Laboratory I	2.4	1.6	1.6	2.4	2.4	2.4	1.4	0	0	0	0	0
Technical English	2.2	0	0	0	0	2.2	1.8	2.2	1.4	2.2	0	1.4
Engineering Mathematics II	2.1	2.1	2.1	2.1	1.7	1.7	0	0	1.4	0	1.4	1.6
PHYSICS FOR INFORMATION SCIENCE	1.7	1.1	1.7	0.9	1.4	0.5	0	0	0	0	0	0
BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.7	1.1	1.4	1.1	1.7	1.1	1.1	0	0	0	0	1.1
ENVIRONMENTAL SCIENCE AND ENGINEERING	1.9	0	0	0	0	1.9	1.6	1.2	1.3	0	0	0
PROGRAMMING IN C	1.6	1.6	1.6	1.1	1.1	0	0	0	1.1	1.1	0	1.3
ENGINEERING PRACTICES LABORATORY	2.4	2.4	2.4	0.6	2.4	1.6	0	0	0	0	0	0
C PROGRAMMING LABORATORY	2.4	1.6	1.6	2.4	2.4	2.4	2.4	0	0	0	2.4	1.6
2017-18 Communicative English	1.5	0	0	0	0	1.5	1.2	1.5	1	1.5	0	1.2
Engineering Mathematics I	1.1	1.1	1.1	1.1	0.8	0.9	0	0	0.7	0	0.7	0.9

Engineering Physics	1.5	1	1.5	0.8	1.2	0.4	0	0	0	0	0	0
Engineering Chemistry	1.5	1.5	1.2	1	1.1	0.5	1.2	0	0	0	0	1.5
Problem Solving and Python Programming	1.5	1.5	1.2	1.2	1	1.1	0.4	1.2	0	0	0	1.5
Engineering Graphics	1.6	1.6	1.6	1	1.1	0	0	0	1	1	0	1.4
Problem Solving and Python Programming Laboratory	1.7	1.7	1.7	1.7	1.7	1.1	0	0	0	0	0	1.7
Physics and Chemistry Laboratory I	1.6	1.1	1.1	1.6	1.6	1.6	1	0	0	0	0	0
Technical English	1.5	0	0	0	0	1.5	1.3	1.5	1	1.5	0	1.5
Engineering Mathematics II	1.5	1.5	1.5	1.5	1.3	1.2	0	0	1	0	1	1.7
PHYSICS FOR INFORMATION SCIENCE	1.6	1	1.6	0.8	1.3	0.7	0	0	0	0	0	0
BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.5	1	1.3	1	1.5	1	1	0	0	0	0	0
ENVIRONMENTAL SCIENCE AND ENGINEERING	1.5	0	0	0	0	1.5	1.5	1.1	1.1	0	0	1.4
PROGRAMMING IN C	1.6	1.6	1.6	1	1	0	0	0	1	1	0	1.5
BEEE LAB	1.5	1.5	1.5	0.3	1.5	1	0	0	0	0	0	0
C PROGRAMMING LABORATORY	1.6	1.1	1.1	1.6	1.6	1.6	1.6	0	0	0	1.6	1.1
2016-17 Technical English I	1.9	0	0	0	0	1.9	1.5	1.9	1.3	1.9	0	1.5
Mathematics I	1.7	1.7	1.7	1.7	1.4	1.5	0	0	1.2	0	1.2	1.5
Engineering Physics I	1.9	1.3	1.9	1	1.5	1.3	0	0	0	0	0	0
Engineering Chemistry I	1.8	1.8	1.5	1.2	1.2	0.5	1.5	0	0	0	0	1.7
Computer Programming	1.7	1.7	1.5	1.2	1.1	0.5	1.5	0	0	0	0	1.7
Engineering Graphics	2	2	2	1.3	1.3	0	0	0	1.3	0	0	1.7

COMPUTER PRACTICES LABORATORY	2.4	2.4	2.4	2.4	2.4	1.6	0	0	0	0	0	2.4
Engineering practices Laboratory	2.3	1.6	1.6	2.3	2.3	2.3	1.9	0	0	0	0	1.6
Technical English II	2	0	0	0	0	2	1.6	2	1.4	2	0	1.4
Mathematics II	1.9	1.9	1.9	1.9	1.5	1.6	0	0	1.3	0	1.3	1.6
Engineering Physics II	1.9	1.2	1.9	1.2	1.5	0.6	0	0	0	0	0	1.6
Engineering Chemistry II	2	0	0	0	0	1.3	1.3	0	0	0	0	1.3
DIGITAL PRINCIPLES AND SYSTEM DESIGN	1.9	1.9	1.5	1.5	1.9	0	0.4	0.5	0	0	1.3	1.3
PROGRAMMING AND DATA STRUCTURES I	2	2	1.6	1.6	2	0	0	0	0	0	1.3	1.2
PHYSICS AND CHEMISTRY LABORATORY – II	2.4	1.2	0.5	0.6	1.6	1.6	0	0	0	0	0	1.6
DIGITAL LABORATORY	2.4	2.4	2.4	1.6	2.4	1.6	0	0	0	0	2.4	2.4
PDS LAB I	2.4	2.4	2.4	1.6	2.4	1.6	0	0	0	0	2.4	2.4

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	1.85	1.62	1.64	1.36	1.57	1.32	1.38	1.53	1.17	1.6	1.49	1.55
CO Attainment	1.85	1.62	1.64	1.36	1.57	1.32	1.38	1.53	1.17	1.6	1.49	1.55

PSOs Attainment:

Course	PSO1	PSO2	PSO3
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2018-19 Communicative English	1.4	0	1.4
Engineering Mathematics I	0.9	1.4	0.9
Engineering Physics	1.4	1.1	1.3
Engineering Chemistry	0	0	1.3
Problem Solving and Python Programming	1.5	1.5	1.5
Engineering Graphics	1.4	0	0.7
Problem Solving and Python Programming Laboratory	2.4	2.4	2.4
Physics and Chemistry Laboratory I	0	0	1.6
Technical English	1.5	0	1.2
Engineering Mathematics II	1	0.9	0.7
PHYSICS FOR INFORMATION SCIENCE	0.8	0	0.6

BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1.1	0	0
ENVIRONMENTAL SCIENCE AND ENGINEERING	1.2	0	0
PROGRAMMING IN C	0.7	0.1	0.1
ENGINEERING PRACTICES LABORATORY	2.1	1.4	1.6
C PROGRAMMING LABORATORY	0.2	0.3	1.6
2017-18 Communicative English	1	0	1
Engineering Mathematics I	0.9	1.1	0.7
Engineering Physics	1.3	1	1.2
Engineering Chemistry	0	0	1
Problem Solving and Python Programming	1.5	1.5	1.5

Engineering Graphics	1.1	1.5	0.5
Problem Solving and Python Programming Laboratory	1	0.6	1.2
Physics and Chemistry Laboratory I	0	0	1.1
Technical English	1.2	0	0.9
Engineering Mathematics II	0.8	0.7	0.5
PHYSICS FOR INFORMATION SCIENCE	0.8	0	0.5
BASIC ELECTRICAL, ELECTRONICS AND MEASUREMENT ENGINEERING	1	0	0
ENVIRONMENTAL SCIENCE AND ENGINEERING	0.5	0	0
PROGRAMMING IN C	1.6	1	1
ENGINEERING PRACTICES LABORATORY	0	0	1

C PROGRAMMING LABORATORY	1.3	1.4	1.1
2016-17 Technical English I	1.3	0	1.3
Mathematics I	1.2	1.7	1.2
Engineering Physics I	1.6	1.3	1.5
Engineering Chemistry I	0	0	1.2
Computer Programming	1.7	1.7	1.7
Engineering Graphics	1.3	0	0.7
COMPUTER PRACTICES LABORATORY	2.4	2.4	2.4
Engineering practices Laboratory	0	0	1.6
Technical English II	1.4	0	1.1
Mathematics II	0.9	0.8	0.6
Engineering Physics II	0.9	0	0.6
Engineering Chemistry II	0.7	0	0

DIGITAL PRINCIPLES AND SYSTEM DESIGN	1	1.2	1
PROGRAMMING AND DATA STRUCTURES I	1	1.2	1
PHYSICS AND CHEMISTRY LABORATORY	0	0	1.6
DIGITAL LABORATORY	0	0	1.6
PDS LAB I	1.9	2.1	1.6

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	1.22	1.26	1.15
CO Attainment	1.22	1.26	1.15

8.5.2 Actions taken based on the results of evaluation of relevant POs (5)

Institute Marks : 5.00

POs Attainment Levels and Actions for Improvement- (2018-19)

POs	Target Level	Attainment Level	Observations
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PO 1 : Engineering Knowledge

PO 1	2.9	1.5	Target has not been met. The following corrective action must be taken
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1. Practical approach of teaching programming languages to be adapted. 2. More problems will be given as assignment for practice.

PO 2 : Problem Analysis

PO 2	2.4	1.5	Target has not been met. The following corrective action must be taken
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1. More case studies will be given for the students to work out. 2. Students are advised to take online certification course (NPTEL).

PO 3 : Design/development of Solutions

PO 3	1.8	1.5	Target has not been met.
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1. More case studies will be given for the students to work out. 2. Design problems development method shown to achieve it & the Target has been met.

PO 4 : Conduct Investigations of Complex Problems

PO 4	1.9	1.5	Target has not been met. The following corrective action must be taken
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1. More case studies will be given for the students to work out.

PO 5 : Modern Tool Usage

PO 5	1.3	1.5	Target has been met.
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Target has been met.

PO 6 : The Engineer and Society

PO 6	1.1	1.4	Target has been met.
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Target has been met.

PO 7 : Environment and Sustainability

PO 7	0.9	1.8	Target has been met.
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Target has been met.

PO 8 : Ethics

PO 8	0.5	2.1	Target has been met.
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Target has been met.

PO 9 : Individual and Team Work

PO 9	1.2	1.3	Target has been met.
Target has been met.			

PO 10 : Communication

PO 10	0.7	1.9	Target has been met.
Target has been met.			

PO 11 : Project Management and Finance

PO 11	0.9	1.4	Target has been met.
Target has been met.			

PO 12 : Life-long Learning

PO 12	1.3	1.2	Target has not been met. The following corrective action must be taken
1. Effective monitoring and guidance should be given to students towards problem Solving. 2. Motivating the students to Self learning through use of library and internet.			

PSOs Attainment Levels and Actions for Improvement- (2018-19)

PSOs	Target Level	Attainment Level	Observations
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PSO 1 : 1. To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.

PSO 1	1.7	1.1	Target has not been met. The following corrective action must be taken
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Action 1: Bridge course will be conducted for basic calculus used in theoretical derivations. Action 2: Many books will be suggested for extensive reading, so that the students can inculcate the habit of reading and also can develop their communication skills.

PSO 2 : 2. To apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 2	0.8	0.6	Target has not been met. The following corrective action must be taken
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Action 1: Power point presentations and Information and Communication Teaching method will be adopted to finish the huge portions. Action 2: In Computer Programming, Bridge courses will conduct for this group of students. Also websites about the latest computing techniques and tools can be updated to students regularly.

PSO 3 : 3. To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems

PSO 3	1.7	1.1	Target has not been met. The following corrective action must be taken
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Action 1: Department Coordinator to take necessary arrangements to make students actively participate in various competitions to make them excel in current technologies. Action 2: Online net contents link given to the students for further reference, international certified courses from coursera, study.com. open2study, etc.

9 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

9.1 Mentoring system to help at individual level (5)

9.1 Mentoring System covers all types of guidance to Students

Number of faculty members : All the faculties in each Discipline/Department

Number of Students per mentor : Minimum of 10 students & Maximum of 20
students will be allocated

Frequency of meeting : Scheduled on every week and also conducted
based on individual need

This also facilitates the pre-registration guidance and enables students to take right courses and appropriate electives. The faculty encourages the students to discuss the progress and keeps track of the attendance and progress of the students assigned to him. All the details of the students are maintained by the faculty. The same information is reported to the parents. Measures taken. They also provide advice on career matters as well. This has created a healthy and congenial atmosphere on the campus.

An effective Mentoring system for Students (MS) has already been implemented in our institute.

- All the students of the college come under this system from the date of joining the college.
- A complete track of the student activities like Academic, Curricular, Co-curricular Extra Curricular achievements, Social activities and the details of Parent Meetings.
- A Mentoring Register has been distributed to all the Staff of the college.
- Each staff is allocated with 10-20 students under the mentoring system.
- Faculties will have a meeting with the students periodically and their Academic progress and all his activities are discussed and noted in the register.
- Any lagging in the course & laboratory work will be noted & make them to do in the evening hours.
- Any discrepancies in the student behaviour like Attendance shortage, personal issues, etc will be questioned and will be counselled with effective solution then & there.
- Guidance will be given to go aboard for Higher studies & necessary recommendation letters will be issued by faculties, HODs & Principal.
- Guidance for GATE exams, Govt exams, Military service exams will be given to eligible students.

CAY 2016-2017(ODD SEM)-Report 1

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/III	1. Students asked text books that they were not provided. 2. Students need special classes for TOC subjects. 3. Students need more time to submit the weekly assignment	1. Books will be provided within a week. 2. Conducted meeting and informed to the faculty to conduct special class for TOC subject.	1. Students prefer curtains in the bus. 2. Bus route no 2 and 20 AC is not adequate for travelling students.	1. AC Mechanics are informed to service AC. 2. Curtains are provided in buses.

2	III/V	1.Need new ID card those who were lost their ID. 2.Need to conduct Workshop. 3.Students requested to complete the syllabus for TOC and DSP	1.For new IDcard will be provided withih this week 2.The staff members are instructed to conduct extra hours for DSP&TOC	1.Students prefer curtains in the bus . 2.Need to conduct sports activities and sports day in college	1.Curtains are provided in buses. 2.Discussed with principal and informed to PD to conduct sports activities and sports day
3	IV/VII	1.Students requested to conduct mini projects hours. 2.Students need more exposure about different domain knowledge related to their project work.So they are asking browsing hours.	1.Discussed with principal regarding mini project.	1.Students prefer curtains in the bus . 2.Bus route no 10 and 19 AC is not adequate for travelling students.	1.Curtains are provided in buses. 2..AC Mechanics are informed to service AC.

CAY :2017-2018 (ODD SEM)- Report 1

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/III	1 Students need to finish syllabus before CAT 3. 2.Students feel difficult in writing of test and assignment.	1.Faculties are advised to finish their syllabus before CAT 3. 2.Test and assignments are reduced for informed students to write assignment for difficult subjects	1.AC is not working in II year classes. 2. Hostellers asking permission to change their study hours.	1.AC Mechanics are informed to service AC in II and III year. 2.Study hour for hostellers will be changed and informed to warden.
2	III/V	1.Students need presentation for theory papers. 2.They need additional notes for all subjects	1.Faculties are informed to teach and give presentation for their subjects. 2.Additional notes are also given to students.	1..Students need PET hours and library hours.	1.Management planning to conduct sports day for students and asked them to participate.
3	IV/VII	2.Students need PYTHON and java learning program.	1.Experts in JAVA and PYTHON language persons are asked to conduct coaching	1.Students are asking tour for five days.	1.Regarding tour discussed with management.

CAY : 2018-2019 (ODD SEM)-Report 1

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/III	1.Additional notes are required for derivation subjects. 2..Number of questions for assignment need to be reduced.	1.For derivative subject faculties are informed to issue their written notes to the students. 2.questions for assignment is reduced for only theory papers..	1. Need industrial visit.	1.Proposal is given to different companies for Industrial visit.
2	III/V	1.Students require more ppt for Computer networks and GIS 2.Special classes wanted for TOC and DSP.	1.Faculties are instructed to conduct extra hours for TOC and DSP. 2..Faculties are informed to teach and give presentation for their subjects.	1.Hostellers wanted stationery items to be sold in canteen. 2.Hostel girls seeking permission for typewriting courses.	1.Issues were informed to management regarding hostel issues.
3	IV/VII	1. Students wanted to reduce test hours. 2. Need video lectures for difficult subjects.	1.Faculties are informed to provide Video lectures and ppt models for final years.	1 Need additional placement training.	1.Additional placement hours are allocated to final year students..

CAY: 2016-2017(EVEN SEM)- Report 1

S.NO	YEAR/SEM	ACADEMIC

1	II/IV	1.Students need books at the earlier for preparing 1st hour test. 2. Students finding it difficult to study with mobile phone, since all staffs are sending notes via what's app group, Students are not able to learn the dail from it.
2	III/VI	1. Need books at the earlier for preparing class test and for CAT. 2. Finding it d study with mobile phone.
3	IV/VIII	1.Students need additional placement training.

CAY: 2017-2018(EVEN SEM)- Report 1

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/IV	1. Students need written notes and solved problems from staffs. 2. Students are asking excess hours for lab to complete lab experiments.	1. Faculties are insisted to issue their notes to students for better preparation for their examination.. 2. Extra classes will be allotted for lab to finish the pending experiments.	1. Students informed to clean their classes regularly. 2. Students suffering because of insects in hostel rooms	1. For hostel and for classroom cleanliness message is conveyed to respective in charges to monitor regularly.
2	III/VI	1. Students are asking to finish syllabus in CD and asking presentation classes for the subject. 2. Students asking two marks and its answers for each subjects.	1. CD handling staff are advised to give presentation for remaining concepts. 2. Extra CD lab hours are allotted for completion of lab experiments.	1..Need to initiate co-curricular and extracurricular activities	1. Will be initiated co-curricular and extracurricular activities
3	IV/VIII	1. Need software's for simulation based project work.	1. Discussed with principal to purchase software's for simulation	1..Need to start short term courses and add on courses.	1. Will be started short term courses and add on courses.

CAY: 2018-2019(EVEN SEM)- Report 1

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/IV	1.Need of brief handouts for all the critical and core courses to prepare for CAT examinations	1..Faculty members informed to prepare brief handouts for all the critical and core courses to prepare for CAT examinations and also for university examinations	1. In a room 6 members are accommodated, it is difficult to share the shelves among 6 students. Students feel difficult during lunch time in canteen because of excess crowd.	1. Hostel issues are informed to that in charges.
2	III/VI	1. Need of contents beyond the syllabus open ended experiments for lab	1.Lab handling faculty members informed to provide some open minded experiments to learn and execute the experiments by the group of students.	1.In hostel need to provide drinking and sanitary	1.Informed to warden and supervisors to provide water facility
3	IV/VIII	1.Students are asked to strengthen counseling and mentoring process in the individual students in order to sort out their academic issues and also improve their overall performance in the university examination.	1. Faculty members are advised and informed to strengthen counseling and mentoring process in the individual students in order to sort out their academic issues and also improve their overall performance	1. Need to quality circle for having sharing of ideas and thoughts to improve the academic performance and also improve their presentation skill.	1.Discussed to form quality circle so that students are having open forum to share their ideas and thoughts to improve the academic performance and also improve their presentation and group discussion skill

CAY : 2016-2017(ODD SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/III	1. Students feel to deliver more basic information about their subjects. 2.Students are asking to provide extra classes for doing lab experiments	1.Faculty meeting is conducted regarding issues faced in CCM.	1. Need industrial visit.	1.Proposal is given to different companies for Industrial visit.
2	III/V	1. Students need seminars for tough subjects. 2. Students are asking introduction classes for lab. 3. Students requested to complete the syllabus before CAT 1.	1.Seminarclassesare arranged for tough subjects. 2.Faculties are advised to complete their syllabus before CAT 1.	1.Need to conduct workshop	1.Proposal is given to management to conduct workshop..
3	IV/VII	1. Students are requested to conduct mini projects.	1.Discussed with principal regarding mini project.	2. Students need Industrial visit.	1..Proposal is given to different companies for Industrial visit

CAY: 2017-2018(ODD SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/III	1. Need more time to submit the weekly assignment/and give less number of problem as an assignment.	1. Faculties are informed to give assignment for problematic papers.	1. Need industrial visit.	1. Proposal is given to different companies for Industrial visit.
2	III/V	1. Students requested to complete the syllabus before CAT 1.	1. Faculties are advised to finish their syllabus before CAT 1.	1. They want permission to attend conference.	1. Permission has been given to attend conference.
3	IV/VII	1. Students are requested university question for RF and Microwave theory	1. For final year students university question papers are given for RF and Microwave	1. Students need Industrial visit.	1. Proposal is given to different companies for Industrial visit.

CAY: 2018-2019(ODD SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/III	1. Students feel difficult in understanding of LPDE and SS. 2. Student need more classes for CE subject. Need more time to submit the weekly assignment/and give less number of problem as an assignment.	1. Faculty meeting is conducted regarding to conduct extra classes for TOC & ANT	1. Students asking to clean their class rooms daily.	1. Regarding cleanliness problem has been informed to concern incharge.
2	III/IV	1. Students feel tough to learn MPMC programs and them asking to explain in lab hours. 2. Students requested to complete the syllabus before CAT 3.	1. Faculty of MPMC was insisted to teach program in both lab and theory hours. 2. . Faculties are advised to finish their syllabus before CAT 3	1. Hostellers wanted stationery items to be sold in canteen.	1. Issues were informed to management regarding hostel issues.
3	IV/VII	1. Students are requested university question for all subjects.	1. For final year students university question papers are given for RMT and Graph theory	1. Hostellers wants permission to use lap top in study hours.	1. For usage of laptop permission has been given to students in hostel.

CAY: 2016-2017(EVEN SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/IV	1. Students are asking to finish syllabus before CAT 1.	1. Asked to all the faculty members to brief question bank for CAT-1 portions and also assignments	1. Students asking to clean their class rooms and labs daily.	1. Arrangements has been made to provide continuous monitor in classroom and laboratory.
2	III/VI	1. Need to initiate co-curricular and extracurricular activities	1. Will be initiated co-curricular and extracurricular activities	1. Backlog students to be given extra coaching based on Class test	1. Backlog students will be given additional coaching.
3	IV/VIII	1. Students need library hours. 2. Need to do summer internship program	1. Will be Informed to principal to give direction to the time table coordinator to introduce library hour to access books.	1. Hostellers wants permission to use lap top and mobile in study hours.	1. For hostel students permission will be given to use mobile and laptop.

CAY: 2017-2018(EVEN SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/IV	1. Student feel difficult for stay back classes. 2. Students need assignment for difficult subject. 3. Students want to complete syllabus for CA and PQT	1. Given assignment for difficult 2. Extra hours are allotted for CA and PQT	1. Hostellers wants permission for outing in evening to purchase things	1. Hostel issues are informed to warden

2	III/VI	1.Students need extra classes for tough subjects. 2. Students are asking to provide separate system for executing of CD Lab experiments.	1.Extra classes are allotted to difficult subjects. 2.For execution of experiments in CD lab instructors are instructed to provide separate system for students	1. Students are asking to extend lunch break time due to crowd in canteen.	1. Informed to canteen incharge to arrange facilities for students to have their lunch within the lunch time.
3	IV/VIII	1.Students requested to complete the syllabus before CAT 3.	1.Faculties are informed to finish their syllabus before CAT3.	1. Project laboratory need to create for IV year students.	1. Project laboratory will be create for IV year students as soon as possible.

CAY: 2018-2019(EVEN SEM)- Report 2

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/IV	1. Student feel difficult for understanding unit 4 in LIC subject. 2. Students need assignment and class test for CA and PQT subject. 3. Students are asking to complete syllabus for CS and EC II	1. For LIC subjects staffs are insisted to give assignment and to conduct test. 2. Extra hours are allotted for CA and PQT	1. Hostellers want permission to go for typewriting class. 2. In hostel girls are not allowed to use MOBILE	1. For hostel issue the message was conveyed to warden to give permission for students to attend typewriting as well as to use mobile.

2	III/VI	1. Students need to understand about Compiler and OOAD lab programs 2. Students requested to give important question in each subjects.	1. Seminar will be conducted for Compiler and OOAD program. 2. Important questions are given to students.	1. Consumables for lab experiments to be provided sufficiently	1. Adequate Consumables for lab experiments will be provided
3	IV/VIII	1. Students need additional guideline for project work	1. Additional classes are arranged to give guidelines for projects work	1. Students seeking permission to attend conference in various colleges	1. Students will be given permission to attend conference.

CAY: 2016-2017(ODD)SEM- Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/III	1..Students feel comfortable 50%of first unit was completed 2.Students need coaching for Maths 3.Students assignments are reviewed	1..Faculty meeting is conducted regarding issues faced in CCM. special class has been arranged for MATHS Subject.	1. Students asking sports day.	1.Regarding sports day and cultures message conveyed to principal
2	III/V	1.Discussed about CAT question paper 2.They are requested to completen the CAT portions	1Final question pattern of CAT exam is given to students. 2.Faculty meeting is conducted regarding syllabus coverage before CAT	1.Student asking industrial visit	1. For Industrial visit staffs are instructed to get permission from various industries
3	IV/VII	1.Students are satisfied in all subjects. 2.In aptitude class they need shortcuts to solve problems and also they require additional classe for placement.	1.Faculty meeting is conducted regarding syllabus coverage before CAT. 2.Additional classes are allotted for aptitude	1.Hostellers Complained about cleanliness of room and dining hall	2.Hostel issues are conveyed to concern incharge

CAY: 2017-2018(ODD)SEM- Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/III	1.Students need text books are not provided so students feel difficult to study 2.Syllabus coverage and notes of lesson for odd semester	1.Text book will be provided with this week. 2.Instructed for the faculty members to give notes of lesson	1.Need to conduct sports activities and sports day in college	1.Discussed with principal and informed to PD to conduct sports activities and sports day.
2	III/V	1.Guest lecture for critical subjects needed. 2..Need to start Professional society	1..Guest lecture programme will be arranged for critical courses. 2.Steps will be advised to split their stay back coaching to teach the topic and then to conduct test.	1..Students asked to provide internet facility in the laboratory.	1.Internet facility will be arranged in the laboratory.

3	IV/VII	1.Question bank needed for all the subjetscs 2.Syllabus coverage for theory and lab courses observed and need to improve coverage.	1.University Result pass percentage need to improve for VII semester 2.Expert lecture for critical subjects needed.	1.Advised for students to improve for VII semester 2.Expert lecture for critical courses will be arranged fo VII semester critical	
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CAY: 2018-2019(ODD)SEM- Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
1	II/III	1. Students need special classes for EC1 and MATHS subjects.	1. Given assignment for difficult subjects so that students can able to familiar in their subjects. 2.Extra hours are allotted for EC I and math.	1. Forhostellers food shortage, insect problem and change of study hour.	1.Issues of hostel is informed to hostel in charge.

2	III/V	1.Students asked important questions for assignments so that many problems are solved in the Home. 2. Portion coverage for theory and lab reviewed and students asked to conduct one hour test morning	1.Asked to all the faculty members to brief assignments so that students are able to solve manyProblems in home. 2. Discussed in the faculty meeting and introduced the one hour test for improving performance	1. Students asking to clean their class rooms and labs daily.	1.Arrangements has been made to provide continuous monitor in classroom and laboratory.
3	IV/VII	1.Need inter institutional activities in the institution 2.Need to initiate feedback system for theory and lab	1.Dissussion will be done with principal to initiate inter institutional activities in the institution 2.Discussed with concern to initiate feedback system for theory and lab	1. Project laboratory need to create for IV year students.	1. Project laboratory need to create for IV year students.

CAY : 2016-2017(EVEN SEM)- Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/IV	1. Students are asking to finish syllabus before CAT 1. 2. Students feel difficult to understand unit 2 in CA and asking to solve more problems in CA	1.Faculties are advised to finish their syllabus before CAT 2. 2. For PQT and CA faculties are advised to take care of understanding of subjects and also to fulfill student's expectation in their subjects.	1.Hostellers Complained about cleanliness of room and corridor of hostel.	1. 1.Informed to warden and supervisors to rectify the problems in hostel as soon as possible.
2	III/VI	1. Students need real time examples for CD 2.Students are asking to finish syllabus before CAT 2.	1.For CA real time application are explained and videos for different concept are played in conference hall.	1.Students are asking to conduct workshop in college	1.Proposal is given to conduct workshop.
3	IV/VIII	1.Students need NPTEL video lecturer for wireless communication. 2. Students asking more details about their project work.	1.WC video lecturer was played in conference hall for better understanding of concept. 2.Staff are instructed to give more details about project work for final year students.	1.Students are asking tour and Industrial Visit. 2.. AC is not working in classes.	1.Proposal is given to different companies for Industrial visit. 2.AC mechanic came and rectified the problem in AC.

CAY: 2017-2018(EVEN SEM) - Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/IV	1. Students need text books are not provided so students feel difficult to study.. 2. Students need special classes for CT and CN subjects.	1. Books will be provided as soon as possible . 2. The staff members are instructed to special classes for CT and LIC.s	1. In hostel need to provide continuous drinking and water facilities for sanitary.	1. Arrangements has been made to provide continuous drinking and water facilities for sanitary.
2	III/VI	1. Need more time to submit the weekly assignment and give less number of problem as an assignment. 2. Students are requested to complete the syllabus for CD and AI.	1. Extra time is given to students to submit assignment. 2. The staff members of AI AND CD are instructed to complete their syllabus.	1. AC is not working in laboratories. 2. Hostellers asking permission to change their study hours.	1. AC Mechanics are informed to service AC in laboratories. 2. Study hours from 7.30 pm to 9.30 suggested to principal.
3	IV/VIII	1. Students are requested to conduct seminar for their subjects. 2. Students are asking extra placement classes.	1. Seminar classes are arranged for final year's students. 2. Extra hours are allotted to placement class.	1. Weak students to be given extra coaching based on Class test	1. Weak students will be identified based on the class test performance and will be given additional coaching.

CAY : 2018-2019(EVEN SEM)- Report 3

S.NO	YEAR/SEM	ACADEMIC	ACTION TAKEN	GENERAL	ACTION TAKEN
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1	II/IV	1. Students are asking to finish syllabus before CAT 3	Asked to all the faculty members to brief question bank for CAT-3 portions and also assignments	1.Weak students to be given extra coaching based on Class test	1.Weak students will be identified based on the class test performance and will be given additional coaching.
2	III/VI	1.Students need presentation for theory papers 2. Students asking to conduct placement hours.	1.Faculties are suggested to by presentation to complete their syllabus. 2. Will be Informed to principal to give direction to the time table coordinator for placement.	1. Students asking to clean their class rooms and labs daily.	1Arrangements has been made to provide continuous monitor in classroom and laboratory.
3	IV/VIII	1. Students need library hours.	1.Will be Informed to principal to give direction to the time table coordinator to introduce library hour to access books.	1.Hostellers wants permission to use lap top and mobile in study hours.	1.For hostel students permission will be given to use mobile and laptop.

Professional Guidance:

The department is well equipped with knowledgeable Human resources in the form of members of faculty who by keeping themselves of development, offer guidance to classroom teaching. The Industry- institute Partnership cell and Entrepreneurship development cell have been putting efforts in this direction.

Career advancement:

The Training and Placement cell has been active not only in arranging campus recruitment drives, but also offering awareness and training for the students Course work. interact with students in clearing all their Concept-oriented and test based mechanics of the respective courses. The teachers after first of formative evaluation guide the concerned.

Lab-specific:

Each of the lab sessions are handled by 3 Teachers in order to have special care for the students, while experiments are being handled. A demonstrative presentation is experiment. The Laboratory records are evaluated after the experiment is held. In other words, there is active involvement of the members of faculty Pre-experiment stag experiment.

Total Development:

As stated above, the college puts forward efforts to realize total development of the student. In addition to academics, literary, cultur which offer leadership qualities, decision making abilities, team spirit, precision, analytical capabilities, psychological awareness etc intellectually mature being.

9.2 Feedback analysis and reward /corrective measures taken, if any (10)

Total Marks 10.00

Institute Marks : 10.00

9.2 Feedback analysis and reward /corrective measures taken, if any (10)

Feed Back Collection Process

- A standard feedback questionnaire is collected from the students every mid-semester course wise.
- At the end of semester, department conducts end course survey in order to take the feedback about the facilitators as well about the effectiveness of course.
- Number of Feedback Items : 08.
- Number of Feedback levels : 01 to 05.
- Space for descriptive feedback/suggestion etc : Yes.
- Any consistency check? : Yes.
- Any performance/attendance profile : Yes.
- Frequency of feedback collection : Min of Once & max of twice in a semester
- Feedback collection Hard-copy : Yes.
- Average percentage of students who participates : 90-100% By HOD
- Average percentage of students who participates : 10-15% By Principal

By Principal

FEED BACK-FOLLOWUP ACTIONS& REMEDIES - JUNE -DEC 2017-18

S.NO	DEPT/Subject	STAFF/OTHERS	REMEDY/ALTERATION
1	CSE - Chemistry	Mr.Ramu	Advised to give more explanation Conduct slowly
2	Mech -EG	Mr.Anil Kumar	Advised to give more explanation
3	CIVIL	Ms.Kaviarasi	Arrange survey camp locally
4	CSE-Python	Ms.Lena barathi	Need to improve in teaching - Give notes of lesson
5	Maths	Mr.Rajesh Kumar	Advise to explain twice, Solve more problems, otherwise he may be replaced
6	Maths	Mr.Maheswaran	Advised to explain and make them to understand for 1st year students.
7	Python	Mr.Karthik	Need to improve & teach in Slow speed
8	Chemistry	Ms.Manimagalai	Teaching must be made interesting .Dont bore
9	Physics	Ms.Bhavani	Treat Student Well .Dont Shout
10	EG	Mr.Sridhararan	Improve teaching and make students to understand
11	Chemistry	Ms.Rosy Christy	Give explanation in Lab
12	Python	Ms.Rani	Go slow, teach in normal speed
13	Maths	Shyam Sundar	Advised to Solve more problems in class
14	ADC	Elumalai	Allot more hours to him to cover the left portion
15	EE	Priyadarshini	Make it interesting
16	EEE CLASS ROOM		classes shifted to delta block and made it permanent

- | | | |
|----|---------------|---|
| 17 | House keeping | Clean bathroom regularly , Fill the water tank then & there |
| 18 | Symposium | Will be conducted next semester |
| 19 | PED | Arrange to conduct Athletics for hostellers -
Track to be made ready |
| 20 | Library | Library hour - 1 Hour /week .may be considered from next sem onwards |
| 21 | Hostel | Lunch time 10 minutes increased -1/2 hour to 40 minutes |
| 22 | Canteen | Provide Spicy food to Andhra students |



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By Cse sDepartment:

PERI DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
COURSE END SURVEY FORM
Page: 1/1

Name: Harish Kumar
Year/semester: 2018-19 / II / IV
Mobile: 9845353534 E-mail: harishkumar2018@gmail.com

1. Please give a rating of your course on the following:-

	1	2	3	4	5
Very Good	Good	Moderate	Poor	Very Poor	

2. The syllabus was

1) Challenging 2) Adequate 3) Inadequate 4) Dull 5) Irrelevant 2

3. Your background for benefiting from the course was

1) Highly relevant 2) Relevant 3) Fairly relevant 4) Mostly irrelevant 5) Completely irrelevant 2

4. How much of the syllabus was taught in class?

1) 90 to 100% 2) 75 to 90% 3) 50 to 75% 4) 40 to 50% 5) less than 40% 1

5. What is your opinion about the library holdings for the course?

1) Excellent 2) Adequate 3) Inadequate 4) Poor 5) Very poor 2

6. Were you able to get the prescribed readings?

1) Very good 2) Good 3) Average 4) Poor 5) Very poor 3

7. The internal evaluation system as it exists is

1) Very good 2) Good 3) Average 4) Poor 5) Very poor 2

8. When you meet students who have taken a similar programme at other Universities do you feel that your programme is?

1) Superior 2) Equal 3) Inferior 1

Feedback analysis Process:

- The feedback analysis is done manually.
- Collected feedback is scrutinized by the Assessment Committee-Program.
- The feedback is quantified
- All the parameters mentioned in the feedback form will be analyzed.
- Ability of teaching with respect to each item and comprehensive ability of the teachers will be analyzed
- All the comments written by the students in the feedback forms will be communicated to the respective faculty members along with their feedback levels to know their strengths and weaknesses and to enhance their teaching skills.
- In case of online Feedback, the students will enter their FB in lab, that will be analysed by HOD/Principal & corrective instruction will be given later to the concern staff (if the FB is fair)

Basis of reward/corrective measure:

- Faculty members who get average feedback below 3 on 1-5 scale are identified and provided with induction program and faculty development program in specified subject/area.

- Also the faculty members who get feedback more than 75% are appreciated by management during Annual function.

9.3 Feedback on facilities (5)

Total Marks 5.00

Institute Marks : 5.00

9.3 Feedback on facilities (5)

- Student's feedback on facilities such as class room ambience, AC failures, furniture, OHP/ LCD projectors, I guru and tablet is satisfactory.
- Student's feedback on facilities such as library, number of books to be increased. We have increase purchase of books for central library.
- Student's feedback on facilities such as speed of internet to be improved. We have increased the band width. Better Boards in few classes identified & replaced
- Student's feedback on facilities such as Bus route extension is made.
- Student's feedback on facilities such as hostel coaching is conducted

FEED BACK-FOLLOWUP ACTIONS& REMEDIES - JUNE-DEC 2017-18

S.NO	DEPT/Subject	STAFF/OTHERS	REMEDY/ALTERATION
16	EEE CLASS ROOM		classes shifted to delta block and made it permanent
17	House keeping		Clean bathroom regularly , Fill the water tank then & there
18	Symposium		Will be conducted next semester
19	PED		Arrange to conduct Athletics for hostellers - Track to be made ready
20	Library		Library hour - 1 Hour /week .may be considered from next sem onwards
21	Hostel		Lunch time 10 minutes increased -1/2 hour to 40 minutes
22	Canteen		Provide Spicy food to Andhra students



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□

9.4 Self-Learning (5)

Total Marks 5.00

Institute Marks : 5.00

9.4 Self-Learning (5)

- The curriculum offers courses like self-study, mini project, major projects where the topics are self-selected or based on guide suggestion. The component of self-learning is evaluated in these courses.
- Seminars, conference, workshop & guest lecturers were organized.
- In every lecture 5-10 minutes discussion on new technology and its application in real life that is beyond the syllabus occasionally Past year projects & working models are made available to students for improvement & innovation
- Every student has to submit a home assignment in every course which has been evaluated for 10 marks. Some of these tasks are beyond syllabus to encourage out-standing students to develop their self-learning capabilities.
- Some of the tasks in the lab courses are challenge based which has to be solved by the students on their own enhancing their skills.
- Department library with sufficient number of volumes on core and application areas, technology awareness journals are opened during college working hours.
- E-notes has been prepared by the department faculty and maintained by the department faculty for the development of students for all subjects in our department. We have appointed a faculty coordinator for digital library for the development of student knowledge for updating their curriculum
- Apart from the above, the college actively promotes self-learning through the following resources procured through NPTEL, IEEE.MOOCs and other Audio-Video content:

ACADEMIC YEAR: 2016 – 2017 ODD SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 03	CS6301-PROGRAMMING DATA STRUCTURES II	Two Applications of Breadth First Search	Prof. Naveen Garg	IIT Delhi
	CS6302-DATA BASE MANAGEMENT SYSTEM	Relational Database Design	Prof. Partha Pratim Das	IIT Kharagpur
	CS6304-ANALOG AND DIGITAL COMMUNICATION	Multiplexer, Encoder and Decoder	Prof.S Srinivasan	IIT Madras

	CS6301-PROGRAMMING DATA STRUCTURES II	Single Source Shortest Paths	Prof. Naveen Garg	IIT Delhi
III / 05	CS6504-COMPUTER GRAPHICS	CRT Display Devices	Dr.Sukhendu Das	IIT Madras
	CS6504-COMPUTER GRAPHICS	Three Dimensional	Dr.Sukhendu Das	IIT Madras
	CS6501-INTERNET PROGRAMING	Prove that the Fraction is Irreducible	Prof.I.Sengupta	IIT Kharagpur
	CS6503-THEORY OF COMPUTATION	Chomsky normal forms: elimination of useless symbol	Prof. Somenath Biswas	IIT Kanpur
IV / 07	CS6701-CRYPTOGRAPHY AND NETWORK SECURITY	Block Cipher Standards (AES)	Prof. D Mukhoopadhyay	IIT Kharagpur
	CS6701-CRYPTOGRAPHY AND NETWORK SECURITY	Firewalls and Intrusion Detection Systems	Prof. D Mukhoopadhyay	IIT Kharagpur
	CS6702-GRAPH THEORY AND ITS APPLICATIONS	More on Hamiltonicity: Chvatal's theorem	Dr.L Sunil Chandran	IISc Bangalore
	CS6704-RESOURCEMANAGEMENT THEORY	Performance Evaluation and Appraisal	Prof.Kalyan Chakravarti	IIT Kharagpur

ACADEMIC YEAR: 2016 – 2017 EVEN SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 04	CS6402-Design & Analysis Of Algorithms	Divide and Conquer	Prof. Sunder Vishwanathan	IIT Bombay
	MA6453-Probability and Queueing Theory	Discrete Random Variables	Prof. Prabha Sharma	IIT Kanpur
	CS6402-Design & Analysis Of Algorithms	NP-Completeness	Prof. Sunder Vishwanathan	IIT Bombay

III / 06	CS6660-Compiler Design	Compiler Principles Techniques & Tools	Prof.Sanjeev K Aggarwal	IIT Kanpur
	CS6659-Artificial Intelligence	State Space Search	Prof.Deepak Khemani	IIT Madras
	IT6502-Digital Signal Processing	Discrete Time Fourier Transform	Prof.S.C Dutta	IIT Delhi
	CS6659-Artificial Intelligence	Optimization	Prof.Deepak Khemani	IIT Madras
IV / 08	CS6801-Multicore Architecture	Pipeline & Performance	Dr.John Jose	IIT Guwahati
	GE6075-Professional Ethics	Consequentialism	Prof. Vineet Sahu	IIT Kanpur
	CS6008-Human Computer Interaction	Visual Design	Prof.K.Ponnuram	IIT Delhi
	CS6801-Multicore Architecture	Cache Optimisation Techniques	Dr.John Jose	IIT Guwahati

ACADEMIC YEAR: 2017 – 2018 ODD SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 03	CS8391-DATA STRUCTURES	Two Applications of Breadth First Search	Prof. Naveen Garg	IIT Delhi
	CS8392-OOPS CONCEPTS IN JAVA	Exception Handling	Prof. Derases Samantas	IIT Kharagpur
	CS8351-DIGITAL PRINCIPLES AND SYSTEM DESIGN	Multiplexer, Encoder and Decoder	Prof.S Srinivasan	IIT Madras
	CS8391-DATA STRUCTURES	Single Source Shortest Paths	Prof. Naveen Garg	IIT Delhi

III / 05	CS6504-COMPUTER GRAPHICS	CRT Display Devices	Dr.Sukhendu Das	IIT Madras
	CS6504-COMPUTER GRAPHICS	Three Dimensional	Dr.Sukhendu Das	IIT Madras
	CS6501-INTERNET PROGRAMING	Prove that the Fraction is Irreducible	Prof.I.Sengupta	IIT Kharagpur
	CS6503-THEORY OF COMPUTATION	Chomsky normal forms: elimination of useless symbol	Prof. Somenath Biswas	IIT Kanpur
IV / 07	CRYPTOGRAPHY AND NETWORK SECURITY	Block Cipher Standards (AES)	Prof. D Mukhoopadhyay	IIT Kharagpur
	CRYPTOGRAPHY AND NETWORK SECURITY	Firewalls and Intrusion Detection Systems	Prof. D Mukhoopadhyay	IIT Kharagpur
	GRAPH THEORY AND ITS APPLICATIONS	More on Hamiltonicity: Chvatal's theorem	Dr.L Sunil Chandran	IISc Bangalore
	RESOURCE MANAGEMENT THEORY	Performance Evaluation and Appraisal	Prof.Kalyan Chakravarti	IIT Kharagpur

ACADEMIC YEAR: 2017 – 2018 EVEN SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 04	CS8451-Design & Analysis Of Algorithms	Divide and Conquer	Prof. Sunder Vishwanathan	IIT Bombay
	MA8402-Probability and Queueing Theory	Discrete Random Variables	Prof. Prabha Sharma	IIT Kanpur
	CS8492-Data Base Management System	Relational Database Design	Prof. Partha Pratim Das	IIT Kharagpur
	CS8451-Design & Analysis Of Algorithms	NP-Completeness	Prof. Sunder Vishwanathan	IIT Bombay

III / 06	CS6660-Compiler Design	Compiler Principles Techniques & Tools	Prof.Sanjeev K Aggarwal	IIT Kanpur
	CS6659-Artificial Intelligence	State Space Search	Prof.Deepak Khemani	IIT Madras
	IT6502-Digital Signal Processing	Discrete Time Fourier Transform	Prof.S.C Dutta	IIT Delhi
	CS6659-Artificial Intelligence	Optimization	Prof.Deepak Khemani	IIT Madras
IV / 08	CS6801-Multicore Architecture	Pipeline & Performance	Dr.John Jose	IIT Guwahati
	GE6075-Professional Ethics	Consequentialism	Prof. Vineet Sahu	IIT Kanpur
	CS6008-Human Computer Interaction	Visual Design	Prof.K.Ponnurangam	IIT Delhi
	CS6801-Multicore Architecture	Cache Optimisation Techniques	Dr.John Jose	IIT Guwahati

ACADEMIC YEAR: 2018 – 2019 ODD SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 03	DATA STRUCTURES	Two Applications of Breadth First Search	Prof. Naveen Garg	IIT Delhi
	DISCRETE MATHEMATICS	Closure of Relations	Prof. Anshul Kumar	IIT Delhi
	RESOURCE MANAGEMENT TECHNIQUES	Introduction to Resource Management Techniques	Prof. Arul Suju D	IIT Bombay
	DATA STRUCTURES	Single Source Shortest Paths	Prof. Naveen Garg	IIT Delhi
III / 05	COMPUTER NETWORK	Multiplexing (Sharing a Medium)	Prof. S Ghosh	IIT Kharagpur

IV / 07	COMPUTER NETWORK	IP Version 6 & Mobile IP	Prof. S Ghosh	IIT Kharagpur
	ALGEBRA NUMBER THEORY	Prove that the Fraction is Irreducible	Prof.I.Sengupta	IIT Kharagpur
	THEORY OF COMPUTATION	Chomsky normal forms: elimination of useless symbol	Prof. Somenath Biswas	IIT Kanpur
	CRYPTOGRAPHY AND NETWORK SECURITY	Block Cipher Standards (AES)	Prof. D Mukhoopadhyay	IIT Kharagpur
	CRYPTOGRAPHY AND NETWORK SECURITY	Firewalls and Intrusion Detection Systems	Prof. D Mukhoopadhyay	IIT Kharagpur
	GRAPH THEORY AND ITS APPLICATIONS	More on Hamiltonicity: Chvatal's theorem	Dr.L Sunil Chandran	IISc Bangalore
	GRAPH THEORY AND ITS APPLICATIONS	Probabilistic method: Second moment method, Lovasz local lemma	Dr.L Sunil Chandran	IISc Bangalore

ACADEMIC YEAR: 2018 – 2019 EVEN SEM				
YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	RESOURCE PERSONS NAME	INSTITUTE NAME
II / 04	DESIGN & ANALYSIS OF ALGORITHMS	Divide and Conquer	Prof. Sunder Vishwanathan	IIT Bombay
	COMPUTER ARCHITECTURE	Processor Design	Prof. Anshul Kumar	IIT Delhi
	SOFTWARE ENGINEERING	Project Management	Prof. N L Sarda, Prof. Umesh Bellur	IIT Bombay

	DESIGN & ANALYSIS OF ALGORITHMS	NP-Completeness	Prof. Sunder Vishwanathan	IIT Bombay
III / 06	COMPLIER DESIGN	Complier Principles Techniques & Tools	Prof.Sanjeev K Aggarwal	IIT Kanpur
	ARTIFICIAL INTELLIGENCE	State Space Search	Prof.Deepak Khemani	IIT Madras
	INTERNET PROGRAMMING	Cryptographic Concepts	Prof.I.Sengupta	IIT Kharagpur
	ARTIFICIAL INTELLIGENCE	Optimization	Prof.Deepak Khemani	IIT Madras
IV / 08	MULTICORE ARCHITECTURE	Pipeline & Performance	Dr.John Jose	IIT Guwahati
	Professional Ethics	Consequentialism	Prof. Vineet Sahu	IIT Kanpur
	Human Computer Interaction	Visual Design	Prof.K.Ponnurangam	IIT Delhi
	MULTICORE ARCHITECTURE	Cache Optimisation Techniques	Dr.John Jose	IIT Guwahati

9.5 Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

9.5 Career Guidance, Training, Placement (10)

Career Guidance Committee:**Functions of the Committee**

1. To arrange Seminars / Workshops on Career opportunities
2. To arrange GATE/GRE/TOEFL / IELTS / GMAT / CAT coaching classes.
3. To conduct mock tests for competitive examinations.
4. To arrange interactive sessions between alumni and students.
5. To procure study material and make it available in the Library/Intranet.
6. Display of Posters, Notices relating to Opportunities
7. To send e-Mails to students about Off campus interviews
8. To put in the what's app group about both ON & OFF campus interviews.
9. To arrange guest lectures on Career guidance & on Higher Studies.

The Career guidance cell and Training & Placement department in coordination with Student section Counsellors keeps students abreast with the opportunities of higher studies on regular basis. Posters, circulars of all such opportunities are displayed on T&P notice board.

CAY 2016-2017

SI.NO.	NAME OF ALUMINI	COURSE	SPECIALIZATION	INSTITUTION
1	Ananda Selvi	M.E	CSE	VIT
2	Divya.R	M.E	CSE	Anna University
3	Pavithra.V	M.E	CSE	Anna University
4	R.Vignesh	Animation and Game Coding	CSE	Amirtha University

CAY 2017-2018

SI.NO.	NAME OF ALUMINI	COURSE	SPECIALIZATION	INSTITUTION
1	Atchaya Chella Sowparnika	M.E	CSE	PERIIT
2	Gokul.S	M.E	CSE	SVCE
3	Jeeva.M	M.B.A	Project Management	Canada University

4	Anu Priya	BAY	Yoga	Amirta University
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CAY 2018-2019

SI.NO.	NAME OF ALUMINI	COURSE	SPECIALIZATION	INSTITUTION
1	Maria Roger Calvin	Msc	Cse	Australia University

TRAINING SUPPORT GIVEN FOR STUDENTS:**CAY 2016-2017**

S.NO	DATE	YEAR	SEMESTER	TRAINING NAME
1	18/07/2014	II	III	Personality Development
2	12/09/2014	II	IV	Verbal Ability
3	07/02/2015	II	IV	Aptitude
4	25/07/2015	III	V	Personality Development
5	25/09/2015	III	VI	Verbal Ability
6	20/2/2016	III	VI	Aptitude
7	20/08/2016	IV	VII	Interview Readiness Program
8	24/9/2016	IV	VII	Verbal Ability
9	24/3/2017	IV	VIII	Aptitude

CAY 2017-2018

S.NO	DATE	YEAR	SEMESTER	TRAINING NAME
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1	18/07/2015	II	III	Personality Development
2	26/09/2015	II	IV	Verbal Ability
3	27/02/2016	II	IV	Aptitude
4	27/8/2016	III	V	Personality Development
5	26/09/2016	III	VI	Verbal Ability
6	26/02/2017	III	VI	Aptitude
7	26/8/2017	IV	VII	Interview Readiness Program
8	27/01/2018	IV	VII	Verbal Ability
9	24/02/2018	IV	VIII	Aptitude

CAY 2018-2019

S.NO	DATE	YEAR	SEMESTER	TRAINING NAME
1	13/08/2016	II	III	Personality Development
2	24/09/2016	II	IV	Verbal Ability
3	14/02/2017	II	IV	Aptitude

		III	V	
4	15/07/2017			Personality Development
5	19/8/2017	III	VI	Verbal Ability
6	27/01/2018	III	VI	Aptitude
7	30/8/2018	IV	VII	Interview Readiness Program
8	26/01/2019	IV	VII	Verbal Ability
9	23/02/2019	IV	VIII	Aptitude

PLACEMENT DETAILS -2016-2017

S.No	Name of the Student	Dept	Company Name	Sector	Salary Per Annum
1	Aaron S	CSE	First Source	IT	Rs.1,80,000
2	Ananda Selvi	CSE	Tech Mahindra	IT	Rs.1,80,000
3	Ando Lawrence D	CSE	First Source	IT	Rs.1,80,000
4	Anguraj P	CSE	Hexaware	IT	Rs.1,80,000
5	Arun Kumar.M	CSE	First Source	IT	Rs.1,80,000
6	Bhuvaneswari S	CSE	Tech Mahindra	IT	Rs.1,80,000
7	Dinesh Kumar B	CSE	Zoho Corp	IT	Rs.2,40,000
8	Dineshwaran R	CSE	Tech Mahindra	IT	Rs.2,40,000
9	Divya R	CSE	Real Image	IT	Rs.1,40,000
10	Gnanapriya V	CSE	Tech Mahindra	IT	Rs.2,40,000
11	Janani Thanigaivel	CSE	Sutherland(NV)	IT	Rs.1,40,000

12	Kamesh L	CSE	Sparkle Soft	IT	Rs.1,80,000
13	Lokesh Chandra Prasanth	CSE	Tech Mahindra	IT	Rs.1,40,000
14	Mahalakshmi. S. P	CSE	Tech Mahindra	IT	Rs.1,80,000
15	Monica Priyadharshini K	CSE	Tech Mahindra	IT	Rs.1,80,000
16	Nithin Shyam	CSE	Profuture	IT	Rs.1,80,000
17	Parvatha Varthini N	CSE	Test press	IT	Rs.1,80,000
18	Pavithra V	CSE	First Source	IT	Rs.1,40,000
					Rs.1,40,000
19	Sai Prasanth D	CSE	Tech Mahindra	IT	
20	Sruthilaya B	CSE	First Source/Profuture	IT	Rs.1,80,000
21	Swathi S	CSE	First Source	IT	Rs.1,80,000
22	Tharageswari.S.G	CSE	Tech Mahindra	IT	Rs.1,80,000
23	Thenammai S	CSE	Dhonadhi	IT	Rs.1,80,000
24	Vaishali P	CSE	Sparkle Soft	IT	Rs.1,80,000
25	Vigneswaran K	CSE	Dhonadhi	IT	Rs.1,80,000
26	Vimala S	CSE	First Source	IT	Rs.1,80,000
27	Vishnu Priya	CSE	Dhonadhi	IT	Rs.1,80,000

PLACEMENT DETAILS 2017-2018

S.No	Name of the Student	Dept	Company Name	Sector	Salary Per Annum
1	Ajith Kumar B	CSE	Aegis Limited	IT	Rs.1,40,000
2	Caroline D	CSE	Aagna Global	IT	Rs.1,40,000

3	Dhanalakshmi	CSE	Aegis Limited	IT	Rs.1,40,000
4	Divya R	CSE	Aegis Limited	IT	Rs.1,40,000
5	Hemalatha S	CSE	Aegis Limited	IT	Rs.1,40,000
6	Jeeva M	CSE	Aegis Limited	IT	Rs.1,40,000
7	Joshua Samuel I	CSE	Sensiple	IT	Rs.2,40,000
8	Juvi Raju	CSE	Sensiple	IT	Rs.2,40,000
9	Madhumathi R M	CSE	Aegis Limited	IT	Rs.1,40,000
10	Monica M	CSE	Sensiple	IT	Rs.2,40,000
11	Nousheen R	CSE	Aegis Limited	IT	Rs.1,40,000
12	Prasanna M S	CSE	Paragon Digital Services	IT	Rs.1,80,000
13	Praveen Kumar M	CSE	Zealous Services	IT	Rs.1,40,000
14	Rafana O	CSE	Sensiple	IT	Rs.2,40,000
15	Saranya G B	CSE	Zealous Services	IT	Rs.1,40,000
16	Selvarani.S	CSE	Aagna Global	IT	Rs.1,20,000
17	Shanmuga Priya.A	CSE	Zealous Services	IT	Rs.1,40,000
18	Shanmuga Sundari.S	CSE	Aegis Limited	IT	Rs.1,40,000
19	Srinivasan R	CSE	Aegis Limited	IT	Rs.1,40,000
20	Sudharsan.T R	CSE	Paragon Digital Services	IT	Rs.1,80,000
21	Tandlam Vamsi Krishna	CSE	Paragon Digital Services	IT	Rs.1,80,000
22	Venkatachalapathy K	CSE	Aegis Limited	IT	Rs.1,40,000
23	Vignesh K	CSE	Sensiple	IT	Rs.2,40,000

24	Vignesh Sudhakar	CSE	Sensiple	IT	Rs.2,40,000
25	Vigneshwaran	CSE	Sensiple	IT	Rs.2,40,000
26	Vishnu V	CSE	Aegis Limited	IT	Rs.1,40,000
27	Yamuna Rani.P	CSE	Paragon Digital Services	IT	Rs.1,80,000
28	Ananthi T S	CSE	Aagna Global	IT	Rs.1,20,000
41	Kousalya T	CSE	Zealous Services	IT	Rs.1,40,000
29	Atshaya Chella Sowparnika P	CSE	E Noah I Solutions	IT	Rs.1,76,000
30	Divyapriya K	CSE	Aegis Limited	IT	Rs.1,40,000
31	Kavitha S	CSE	Paragon Digital Services	IT	Rs.1,80,000
32	Kodeeswari L K	CSE	Aegis Limited	IT	Rs.1,40,000
33	Priyanka J	CSE	Aegis Limited	IT	Rs.1,40,000
34	Rosan Benazar M	CSE	Aegis Limited	IT	Rs.1,40,000
35	Vishali.N T	CSE	E Noah I Solutions	IT	Rs.1,76,000
36	Arun V	CSE	Sensiple	IT	Rs.2,40,000
37	Bhuvaneswary V K	CSE	Aegis Limited	IT	Rs.1,40,000
38	Damodharan K	CSE	Aegis Limited	IT	Rs.1,40,000
39	Kerthivasan T S	CSE	Aegis Limited	IT	Rs.1,40,000
40	Lokeshwaran R	CSE	Aegis Limited	IT	Rs.1,40,000
42	Om Durga O	CSE	Sensiple	IT	Rs.2,40,000
43	Sowmiya S	CSE	Zealous Services	IT	Rs.1,40,000
44	Sree Aadithya J S	CSE	Aegis Limited	IT	Rs.1,40,000

45	Swathi.S	CSE	Paragon Digital Services	IT	Rs.1,80,000
46	Sujatha	CSE	Maintec	IT	Rs.1,50,000
47	Aswitha S	CSE	E Noah I Solutions	IT	Rs.1,76,000
48	Mahibala K	CSE	E Noah I Solutions	IT	Rs.1,76,000
49	Sanjay Kumar C	CSE	E Noah I Solutions	IT	Rs.1,76,000
50	Sellipriyanga C	CSE	Aegis Limited	IT	Rs.1,40,000
51	Udhayasuriyan	CSE	Aegis Limited	IT	Rs.1,40,000
52	Anupriya M	CSE	E Noah I Solutions	IT	Rs.1,76,000
53	Karthikeyan K	CSE	E Noah I Solutions	IT	Rs.1,76,000

PLACEMENT DETAILS 2018-2019

S.No	Name of the Student	Dept	Company Name	Sector	Salary Per Annum
1	Adarsh.R	CSE	Indium Software	IT	Rs.1,80,000
2	Angeline.T	CSE	Indium Software	IT	Rs.1,80,000
3	Balayogashree.G	CSE	CSS	IT	Rs.1,80,000
4	Geethanjali.V	CSE	CSS	IT	Rs.1,80,000
5	Harish.V	CSE	Indium Software	IT	Rs.1,80,000
6	John Betson.J	CSE	Indium Software	IT	Rs.1,80,000
7	Joseph Naveen Kumar	CSE	HCL	IT	Rs.2,40,000
8	KarthikRaja.V	CSE	Indium Software	IT	Rs.2,40,000
9	Kowsalya.R	CSE	Indium Software	IT	Rs.1,40,000
10	Kowsalya.V	CSE	Indium Software	IT	Rs.1,80,000

11	Madhumitha.V	CSE	Indium Software	IT	Rs.1,80,000
12	Pavithra.B	CSE	Indium Software	IT	Rs.1,80,000
13	Prasanth.P	CSE	Indium Software	IT	Rs.1,40,000
14	Preethi.T	CSE	HCL	IT	Rs.2,40,000
15	Priya.S	CSE	Indium Software	IT	Rs.1,40,000
16	Priyanka.P	CSE	IDBI	IT	Rs.1,80,000
17	Ramya.R	CSE	HCL	IT	Rs.1,80,000
18	Ranjith Kumar.R	CSE	CSS	IT	Rs.1,80,000
19	Roseline.Y	CSE	Indium Software	IT	Rs.1,40,000
20	Santhosh Kumar.J	CSE	IDBI	IT	Rs.1,80,000
21	Sharath Kumar.L.R	CSE	Indium Software	IT	Rs.1,80,000
22	Shrihari.P	CSE	Indium Software	IT	Rs.1,40,000
23	Sindhuja.N	CSE	Main tech	IT	Rs.1,80,000
24	Sneha.D	CSE	IDBI	IT	Rs.1,80,000
25	Sri lakshmija.R	CSE	Indium Software	IT	Rs.1,80,000
26	Sri Sai Ganguly.T.P	CSE	Main tech	IT	Rs.1,40,000
27	Manikandan.V	CSE	Main tech	IT	Rs.1,80,000
28	Mohammed Ansari.R	CSE	CSS	IT	Rs.1,20,000
29	Koustubh.N.V.S	CSE	Indium Software	IT	Rs.1,80,000
30	Yeshwanth.S	CSE	Indium Software	IT	Rs.1,80,000
31	Puneeth Sahadev	CSE	CSS	IT	Rs.1,80,000
32	Geetha.R	CSE	Sutherland Tech	IT	Rs.1,80,000
33	Maria Roger Kalvin	CSE	Hexaware	IT	Rs.1,40,000

34	Sarath Kumar.S	CSE	Indium Software	IT	Rs.1,80,000
35	Sham Kumar.R	CSE	Indium Software	IT	Rs.1,80,000
36	Roshine	CSE	Sutherland Tech	IT	Rs.1,80,000
37	Dinesh Kumar	CSE	Indium Software	IT	Rs.2,40,000

9.6 Entrepreneurship Cell (5)

Total Marks 5.00

Institute Marks : 5.00

9.6 Entrepreneurship Cell (5)

The Entrepreneurship Development Cell (EDC) is dedicated to encourage, promote and facilitate entrepreneurial activities among students of our institution. The cell regularly organizes different activities and events to train and motivate the students on entrepreneurship. This cell acts as facilitator and resource institution to motivate, guide and help prospective and existing entrepreneurs in their entrepreneurial endeavors / efforts through positive training interventions.

INAUGURATION:



Entrepreneurship Development Innovation Institute Cell was inaugurated with the participation of 125 students. Ever since its inception, the cell has embarked on its flagship programme of continuous innovative thinking in order to enhance the country's economy. In view of the worldwide shortage of jobs (both government and private sectors) leading to unemployment problems and lack of proper utilization of human resources; the cell strives to identify talented youth to entrepreneurial works.

WORKSHOP ON “Future of E-Commerce and Social Media for Entrepreneurs” on between 20&22nd December 2017

.Entrepreneurship Development Cell of PERI Institute of Technology, conducted a three days workshop on “**Future of E-Commerce and Social Media for Entrepreneurs**” on between 20&22nd December 2017 to motivate our students towards entrepreneurship. Eminent and young entrepreneurs like **Ms.Aashna Chaprana, Campaign Manager from Josh Talks, Mr.Sibidharan Nandhakumar, CEO of Aftertutor and Mr.Shriram, Founder of PrimeFort** joined with us whole heartedly and made our day a grand success. Around 120 students from various departments were participated in the program and few faculties also joined with us.



The day started out with an inspiring speech from our respected **Principal Dr.R.Palson Kennedy** about entrepreneurship.



The chief guest for the inaugural day **Ms.Aashna Chaprana** was felicitated by our **ECE Head of the Department, Dr.P.R.Jasmine Jeni.Mr.Sibidharan Nandhakumar** and **Mr.Shriram** were felicitated by our beloved Principal **Dr.R.Palson Kennedy** on the valedictory function.





Ms.Aashna Chaprana started the session by giving loads of information to the students about the positive uses and benefits of the social media in our path to become a successful entrepreneur. She also gave various ideas of how to improve one's business. She then shared about Josh talks, its advantages and all the features and helpful information that it provided. The discussion was very useful.



Then the following day session was then taken over by **Mr.Sibidharan Nandhakumar** the emerging entrepreneur with his knowledge in cyber crime and hacking. He shared his precious thoughts and knowledge about how to survive as an entrepreneur in spite of all the hardships to come. **Mr.Sibidharan Nandhakumar** speech was encouraging and motivational.



The final day speech was given by **Mr.Shriram** who also an emerging entrepreneur who runs 3 companies at the age of just 21. **Mr.Sriram** shared his life stories on how he managed all the hardships in life and emerged as a successful entrepreneur, he also made a point that, to become a successful entrepreneur ones education must not be stopped.

All the enlightening and motivational speech from our chief guests made the day a very auspicious one.-EDC-I-Conference Hall-PERIIT



Group Photo with Guests & few students –EDC-I

The day was concluded with a vote of thanks conveyed by the **EDC co-ordinator Mr.B.Magesh** on behalf of PERI Institute of technology.

ENTREPRENEURSHIP AWARENESS CAMP REPORT (10/09/18-12/09/18)-2018-19

In order to nurture the idea of entrepreneurship among the students, PERIT started an entrepreneurial cell in the year 2016 The Cell aims at creating an entrepreneurial ecosystem in the campus. It aims to develop and support new and future entrepreneurs thereby striving towards building the capacity of a technology entrepreneur, assessing demand opportunity, developing a marketable product, patenting and licensing, building the right team, raising money and creating value for customer and ventures. The college aims to set up an incubation center that gives a forum for students to translate an idea into a fundable technology business

FIRST DAY (10/09/18)

A DST – NIMAT Sponsored entrepreneurship awareness camp was organized on 10th 11th and 12th of September 2018. The chief guest of the programme **Mr.V.Sethupathy, Manager, District Industries Centre along with our Honorable Chairman Mr.Saravanan Periasamy inaugurated the function by lighting The Lamp.** Dr.Palson Kennedy Principal PERIIT, Welcomed the gathering and congratulated all the students on their interest towards Entrepreneurship. In his note he added, “Government of India is taking many initiatives to build entrepreneurial ecosystem in the country by imparting quality entrepreneurial education at the college level and PMKVY is such a scheme that builds the system of producing successful entrepreneurs.” He advised the students to make use of this great opportunity to get certified by the Government of India.

Mr.Saravanan Periasamy, Chairman of PERIIT begins the first session of the day with the key note on “**Emergence of Entrepreneurs**”. He interacted with the students that what drives them towards to become an entrepreneur and who are really interested towards achieving it. Many students from audience replied to his question skillfully, and then he picked the replies and gave a good suggestion which was really needed for the students.



Mr.Magesh, Asst. Prof and Coordinator ED Cell introduced Mr.V.Sethupathy, the resource person, to the audience. Mr.V.Sethupathy the chief guest of the session talked about **Secure Financing for New Business** also covered 'Practicing entrepreneur's success stories – common problems faced by entrepreneurs'. He defined entrepreneur and explained principles in entrepreneurship. He also encouraged students to pursue their dream no matter what it may be. he gave wonderful examples about stakeholders and how not to be discouraged by criticism. he made students aware of the importance of learning and using English on their own. He further explained the term 'start-up' and the help of government for giving on start-up based opportunities on criteria up to 5 years.he also advised them to consider the government policies for training. he said "If you want to do successful business then be different from others, read success stories, do smart work, know the causes of failure in business and learn team work", and explained how to analyze, take good and ignore the rest. It was an informative motivational talk which was needed for the students; they gained awareness about the government loans and subsidies against the total amount.

The chief guest was **Mr. Messiah Bose, Director of Alder Instruments**. In his speech he highlighted **Qualities to become an entrepreneur, and Intrapreneur**, the role of entrepreneurship in economic growth of country and also highlighted problems faced by entrepreneurs to start new venture and solutions to address them. He talked about the merits and risks of becoming an entrepreneur; He explained the types of entrepreneur clearly to the students. He suggested students to get benefited from various programs of govt of India under ministry of industries for initial capital investment and also explained the procedure to be followed to get register startup companies. Then the session ended with video of the young disabled entrepreneur which made the students to get enlightened with the chief guest speech.



DAY II (11/09/18)

Having inspired by the first day speech of chief guests, the students were able to learn about the management skills which is required to do a business and they gained knowledge about how to start a business and how to overcome the difficulties and obstacles which they need to face in a business life.

The day started with motivational thought that arouse spirit among the students. The felicitation was done by the Chairman Mr.Saravanan Periasamy then followed by the welcome address of the chief guest **Mr.Susindran Swaminathan, CEO Kay ventures** private limited by the student Anirudh, final year civil department.

Then the chief guest addressed the students by his wonderful speech. He enumerated the relationship between love and business which aroused the students attention. He entitled his speech by **Highs and Lows of Entrepreneurship**. Then he spoke about the incubation centre which is a platform in which we are committed to provide all the facilities which are required for the startup communities and advised the chairman to have an incubation center in college premises. He gave collective information about the procedure for applying a loan also he covered **Transforming Global Economy**.

Session started with the chief guest felicitation by the principal, Dr.Palson Kennedy. **Dr. Ramakrishnan, Deputy Director, MSME, Govt of India** addressed the students. He explained the types of entrepreneur clearly to the students. He suggested students to get benefited from various programs of govt of India under ministry of industries for initial capital investment and also explained the procedure to be followed to get registered in the startup companies.



Mr.Arif Ahmed, President, True RCM solutions addressed the gathering about how the successful entrepreneur should be by narrating his own story. He spoke about the **IT scenario for Entrepreneurs** and insists the importance of **Team Building and self Assessment** in becoming an entrepreneur.

DAY III (12/09/18)

The session started up with the field visit by the students to Super Auto Forge Private Limited, Chennai. Two days workshop and Field visit helped the budding entrepreneurs to gain practical knowledge.

Afternoon session started around 2 pm with the felicitation for the chief guest Mr.Varadarajan M.D., Amalgamated Engineers private Limited, by the chairman, followed by welcome address by the student of ECE department.

The chief guest Mr.Varadarajan spoke about the **Manufacturing Scenario for Entrepreneurship and its Need to become an Entrepreneur** since he was an expert in mechanical engineering. He gave many suggestions for mechanical students, then he spoke about the **Micro Enterprises**, this session ended with the interaction among students with the chief guest.



Valedictory function was arranged around 3pm, certificates were distributed by the chief guest to the students.



Finally the programme ended with National Anthem.

Declaration Form

Dear Sir,

This is to inform MHRD Innovation Cell (MIC) that, the Institution's Innovation Council (IIC) was formed as per the prescribed format by MIC under the President ship of Mr. **Mr. Sravanan Periasamy**. As institution, we are committed to support activities suggested by MIC as per the prescribed schedule and timelines. Please find below the details regarding council members.

Experts	Designation	No	Name
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Senior Faculty Member of the Institution	President	1	Dr.R.Palson kennedy
Faculty Member	Convener	1	Dr A. Nageswaran
Faculty Member	Member	1	Dr Jasmine Jeni
IICs Coordinator (Student)	Coordinator	1	Mr G.Aravind
Representative from nearby Incubation Centre	Member	1	Mr. B. Magesh
Representatives of SIDBI / NABARD / Lead Bank / Investor	Member	1	Mr.Sugumar , IOB, Mannivakkam Branch
Technical Experts from nearby Industry	Member	2	1.Mr.Paul sundar Singh,VP-Technology Accenture Technology. 2.Mr.V.Ravindaran- TAFE R& D – Principal Member
Alumni Entrepreneurs from the Host Institutions (Optional)	Member	1	Mr.Khaleel Naina Mohammed
Patent Expert (Optional)	Special Invitee	1	Mr. Thiyagara Gupta ,IPR ,Chennai

Students from the host institution	Member	15	1.Miss.Kanimozhi-III year CSE 2.Mr M Manojkumar- II year CIVIL 3.Mr. DAjithkumar -II year CIVIL 4.Mr.M. Karthick III year CIVIL 5.Mr.N. Arun II Year EEE 6. Mr.S. Mukesh- II year EEE 7.Mr.C. Sugan- II year EEE 8. Mr.K.Vivek- II Year EEE 9. Mr.K. Gokula Raja –IV yearECE 10. Ms. C.K. Keerthana – III year ECE 11. Ms.J. Nivetha- III year ECE 12.Mr.S. Mohan Babu -III year MECH 13.Mr. S. Raj – III year MECH 14.Mr.M. Sam Prince–III Year MECH 15. Mr.R. Dinesh – III year MECH
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Details of Alumni Entrepreneurs

S.No	Name of the Alumni	Academic Year	Name of the Enterprise	Product/Service	Annual Turnover
1.	Mr.Ramu	2012-2016	Stigmata Techno solution	Product	18 Lakhs

2.	Mr.Prasanth	2013-2017	Online fabric business	Service	2 Lakhs
3.	Mr.Dinesh & Mr.Lokeshwaran	2014-2018	On line Trading	Service	4.8Lakhs
4.	Mr.Mariachristhu Raja	2014-2018	Freelancer in Software Development	Service	3Lakhs



9.7 Co-curricular and Extra-curricular Activities (10)

Total Marks 10.00

Institute Marks : 10.00

9.7 Co-curricular and Extra-curricular Activities (10)

Co curricular Activities:

Every year there are abundant of stimulating programs and activities from which students may select, for challenging and important use of their out of classroom time. Broadly known as co curricular activities, these opportunities for involvement of college life, offering students additional avenues in which to explore their talents, passions and interests:

- As a part of co curricular activities, paper presentation contests, quiz contests, project exhibitions, software contests, robotic competitions, workshops, seminars, value added courses and guest lectures are organized.
- National level events are organized every year in each department.
- Every year each department organizes a National level Technical Symposium.
- Every year the institution organizes either a National or International Conference.
- Students participate in various events like workshop, symposium, conference, project competition conducted by other institutions.
- Industrial Visits are arranged every semester for the students to get accustomed with the industrial environment.

Technical Events (2016 to 2019)

Sl. No	Date	Title	Resource person with designation
1.	30.08.2019	One day seminar on "Internet of Things (IOT)"	Mr. S. Kalidas and Mr. Karthick, Corporate Trainer, Ifand for Endeavours, Chennai.
2.	03.08.2019	One day workshop on "Intellectual Property Rights"	Mr.D. ThiyagarajaGuptha, Asst. Controller of Patents and Designs, Patents Office, Guindy, Chennai.
3.	22.03.2019 to 23.03.2019	International Conference-ICIRCC'19	Chief Guest Dr.Muaviyath Mohammed, Deputy Vice Chancellor, the Maldives National University
4.	15.09.2018	Symposium	Organized byCSE Department
5.	01.09.2018 to 02.09.2018	Hackathon PERI18	Mr. Markandan, Assistant Professor of Anand Institute of higher technology
6.	07.04.2018 to 08.04.2018	International Conference-ICIRCC'18	Dr.LochandakaRanathunga, Prof & Head, Department of Information Technology, University of Moratuwa,Katubedda, Moratuwa, Sri Lanka
7. s	30.06.2017 to 01.07.2017	Two Days National Level Workshop on Communication And Image Processing Using MATLAB	Mr. Markandan, Assistant Professor of Anand Institute of higher technology
8.	04.04.2016	PERISE 2016 – National Level Conference	Dr. T.V. GOPAL, Professor in the Department of Computer Science and Engineering, College of Engineering, Guindy, Anna University, Chennai
9.	04.08.2017	Association Inauguration	Mr.Shabirinath Respo Labs

Sl. No	Date	Title	Resource person with designation
10.	14.6.2017, 15.6.2017	FDP	Mr.Yuvaraj , Corporate Trainer, Eye open Technologies
11.	4.8.2017	Techtonic Newsletter Issue1	Mr.Shabarinath founder of Respro labs
12.	30-11-2017	One day seminar on women self empowerment	Dr.Sharmila Anand Founder and MD of SEHPL (Santhosh Education and Health care pvt. ltd.,)
13.	21.12.2017	CSI student chapter inauguration	Mr.Raja– Technical Head, Chennai softtech
14.	22.12.2017	Personality Development Programme	Mr.V. Prasanna Venkatesan, International Success Coach, Author & Advocate
15.	9.7.2018	Guest Lecture on Carrier Guidance & Future Prospectus	Mr.V.G.Shanmugham,founder & CEO, Shan Software Services
16.	25.7.2018	Guest Lecture on IOT	Mr.Shivaprasad Trainer & Developer,Fresh skills
17.	23.8.2018	Guest Lecture on "Career Guidance & Future Prospects"	Mr.N.C.Balachandran, DirectorCareer development & placement(Rtd)

Extracurricular Activities:

Extracurricular activities have wide horizon to cater to the cultural, social, aesthetic development of the students. Intellectual aspects of personality are solely accomplished by classroom, while aesthetic development, character building, spiritual growth, physical growth, moral values, creativity, etc. are supported by cocurricular activities and extracurricular Availability of Sports and Cultural Facilities

Sports Ground Facilities:

The institution has a huge sports ground facility. Students are encouraged to participate in various zonal and inter zonal tournaments. Sports week is celebrated every year with various sports events like Long Jump, Volleyball, Table Tennis, Carrom etc. To manage all sport activities, a well qualified physical education faculty is appointed.

Physical Director – Mr. Arul

Our institution has the following sports ground facilities:

- Athletic Track
- Badminton Court
- Basket Ball Court
- Cricket Ground
- Foot Ball Field
- Throw Ball Court
- Volley Ball Court

SPORTS EVENTS ORGANIZED IN PERI CAMPUS

CAY 2016-17

SL.NO.	EVENT	VENUE
1	Interschool Basketball tournament	PERI Campus
2	Staff cricket tournament	PERI Campus

CAY 2017-18

SL.NO.	EVENT	VENUE
1	ANNA University Zone Basket ball for women	PERI Campus
2	ANNA University Zone Kho-Kho for boys	PERI Campus
3	Kho-Kho tri series	PERI Campus
4	Cricket tournament for IT companies	PERI Campus

CAY 2018-2019

SL.NO.	EVENT	VENUE
1	Basket ball tri series	PERI Campus
2	Athletics event for IT Companies	PERI Campus
3	Cricket tri series for students	PERI Campus
4	Kabbadi tri series	PERI Campus

Major Achievements in Sports:**CAY 2016-17**

Sl.No	Event	VENUE	Achievement
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1	All India Inter University Nationals	Banaras Hindu University, Varanasi	Bronze Medal
2.	Pre Nationals South Zone	Muttom,Kerala	Bronze Medal
3	Football-MNFC(Open Tournament)	Muttom,Kerala	Cash Prize-Rs.7000
4	National Football Competition	Muttom,Kerala	3 rd Place
5	Hockey	MIT,Chennai	Runners
6	Basket Ball-HDFC Tournament	Dhanalakshmi College of Engineering,Tambaram	4 th place

CAY 2017-2018

SI.NO.	Name of the student	Department	Event	Achievement
1	Sri Lakshmija	CSE	100m	3 rd place
2	Balambigai	EEE	Shortput	Silver medal
3	Balambigai	EEE	Discus	Gold
4	Vidhyakaran	ECE	400m	Bronze medal
5	Pravin Jothi	ECE	400m	Bronze Medal



ZONE IV Games

SL.NO.	EVENT	ACHIEVEMENT
1	Kho Kho	Quater finals
2	Basket Ball	III place
3	Hand Ball	IV place

Inter Engineering College tournaments

Sl. No.	Event	VENUE	Achievement
1	Football	Dhanalakshmi Engineering College	Runners
2	Football	CIT	Winners
3	Football	CIT 5 star tournament	3 rd place
4	Handball	SRR college of engineering	Winners
5	Cricket tri series	Mohammed Sathak Engineering college	Winner
6	Kabbadi Tri series	SRR college of engineering	Winners

CAY 2018-2019

Sl.NO.	Name of the student	Event	Achievement
1	Bala Sivasubramaniyan	200m	2 nd place
2	Praveen	Shortput	2 nd place

3	Bala Subramaniyan, Dhanush, Pravin Jothi, Sheshi Kumar	4*100m relay	1 st place
4	Vignesh	Hammer & Throw	3 rd place
5	R.Kavitha	400m Hurddles	1 st place
6	R.Kavitha	Heptathlon	3 rd place
7	Shreeja	100 m	2 nd place
8	Jeevitha	200m	3 rd place

ZONE OVERALL CHAMPIONSHIP(2018-2019) – 3RD PLACE

Sl. No.	Event	VENUE	Achievement
1	Cricket- BSM Trophy	Mohammed Sathak College of Engineering	Runner
2	Football-CIT Trophy	CIT	3 rd Place
3	Football-DCE Trophy	Dhanalakshmi College of Engineering	Runners
4	Basketball-Anna University Zonals	Prince Engineering College	3 rd Place
5	Basket Ball-Tri series Trophy	PERI IT	Winners
6	Basket Ball- Intercollege Tournament	CIT	3 rd Place
7	Kho Kho- Anna University Zonal	PERI IT	winner

8	Kho Kho-Anna University Interzone	Anna University CEG campus	4 th place
9	Hockey-Anna University Zonal	Anna University	winner
10	Handball	Jeppiaar Engineering College	3 rd place



Availability of Cultural Facilities:

- Cultural activities are a source of enjoyment and relaxation.
- The cultural wing of the college provides more opportunities to the students to showcase their innate talent in dance, music and arts.
- Cultural activities such as College Day and Hostel Day were celebrated.
- An air conditioned auditorium having Audio Video facility is available for conducting various cultural activities.

Co Curricular Activities:

Sl. No	Date	Title	Resource person with designation
1.	31.07.2019 to 02.08.2019	Annual Sports day	PMJF Lion I Nithyakumar, Past District Governor, Kancheepuram Host.
2.	20.12.2018	Entrepreneurship Development Cell - Future of E-Commerce and Social Media for Entrepreneurs	Ms.AashnaChaprana, Campaign Manager from Josh Talks, Mr.SibidharanNandhakumar, CEO of Aftertutor and Mr.Shriram, Founder of PrimeFort
3.	25.02.2017	Sports and Cultural day	Mr.Pradeep Krishnamoorthy, Director of movie "Saitan"
4.	31.10.2016 to 05.11.2016	Vigilance Awareness Week	Central vigilance commission (CVC),New Delhi
5.	10.07.2016	South India Yogasana Championship-2016	Participated by III year students from ECE department
6.	18.03.2016	Temple Clean-up Day	NSS Officer Dr. P.K Chidambaram, Associate Professor, Organized by PERIIT
7	12.03.2016	Blood donation camp	Short advices given by Dr Rajalakshmi, General Hospital, Chennai,
8	10.01.2016 to 13.01.2016.	All India Pistol Shooting competition	Mr. Nikhil Raj Chauhan -II ECE has participatedat Banaras Hindu University, Varanasi

National Service Scheme (NSS):

The overall objective of NSS in our college is to develop the personality of student youth Through community service. The NSS volunteers and programme functionaries involve themselves under regular activities and special camping programme achieve the objective of the scheme.

In our institution, NSS unit was established in the year 2019 with 100 Volunteers.

A Programme Officer has been deputed to coordinate and organize various events and programmes.

Programme Officer Mr. Prabhakaran, Asst Professor/Mechanical Department.

NSS Regular and Special Camping Activities

Our college NSS team organizes several awareness programmes, medical and nonmedical camps in the surroundings of the Chennai city. Our students eagerly participated and provided various services to the society.

NSS PERIIT One Day Camp

Date :16.08.2019

Location: 1

Venue: Adhanur –Near Mannivakkam

Time: 9:30am to 3:30pm

Under the guidance of Mr.D.Prabhakaran(program officer) the **NSS** team visited a temple in adhanur near by padappai.

There the volunteer performed various activities as listed below:

1. Hygiene awareness- In this event our volunteers spread awareness about cleanliness and hygiene among people over there.
2. Cleaning the surroundings- In this event our volunteers involved full pledged to clean the surroundings and remove the weeds over the necessary plants.
3. Tree plantation- At the end of the camp in the temple all the volunteers performed plantation along the boundary wall.

As that was a public place volunteers conducted conversation on different social issues. Main aim was to spread social awareness among general masses.





ONE DAY YRC ORIENTATION PROGRAMME REPORT

Date-03/08/2019

Venue- Hall of guines'68 dept of Manufacturing Engg, CEG CAMPUS

Attended by- G.Sabari girish AP/MECH/PERIIT

Following instruction given during the orientation programme:

- Brief introduction about YRC given.
- Colleges are requested to register for YRC if not done yet.
- Open separate bank account for YRC for managing funds.
- Colleges are requested to install YRC board in front of their college gate.
- Collect Rs 20 from each student, from that amount Rs 8 of each student DD has to be taken and send to YRC head office.
- Remaining Rs 12 should be maintained in account and can be used for future programme.
- Enrol maximum student as much as possible and maintain their database, such that they can be called in emergency situation.
- For query's contact person detail given- Prof R.Manickam, district secretary IRCSKanchipuram dist,State YRC committe & state first aid committe.

PH-9445231136, Mail id: pulavarrmanickam@gmail.com

NSS –SFU16.11.18

National Service Scheme (NSS) unit of PERI Institute of Technology organized '**Vigilance awareness week**' ('**promoting integrity and eradicating corruption**') on 16/11/2018 at

PERI Auditorium at 3.15 P.M

Program started with Tamilthaivazlthu Welcome address by Dr.P.Chidambar, NSS Officer.

Followed by Dr.R.Palsonkenndy, Principal, PERIIT gave the Presidential address& emphasized as non corrupted citizen of India.

Integrity pledge for citizens and organization taken by the first year NSS students with faculty members.Nearly 50 NSS Students volunteers and 45 staff member were participated

Program me ends with National Anthem at 4.15 P.M

NSS-SFU of PERIIT planned to organize temple clean program in Mannivakkam village next month. It also plan to expand its activities & try to go to near by villages for other services as well. And decided to add 50 more members by next year.



YRC ACTIVITIES IN THE ACADEMIC YEAR 2016-2017

Youth Red Cross (YRC) of PERI Institute of Technology, Manivakkam organized “**One-day free eye testing camp**” jointly with Vasan Eye Care, Tambaram on 29/11/2016 (Saturday) at Baba Gurukulam, Chennai. Free eye testing camp was inaugurated at 10.00 A.M. by Mr.P.K.Chidambaram, YRC Coordinator, PERIIT.

Free eye testing and consultation were carried out by technicians (Vasan eye care) and YRC volunteers from 10.15 A.M. to 3.30 P.M.

Male, Female and Children were participated and tested their eyes.

Total Number of participants: 111

Male : 52

Female : 40

Children : 19

As per the test report, **NINE** from the total participants were donated spectacles, sponsored by YRC, PERI Institute of Technology.

Camp was over by 3.30 P.M



YRC AT PERI BLOOD DONATION CAMP ON 12/03/2017

About The Event

- The event **Youth Red Cross(YRC)** is a campaign used to serve the society and the nation
- It involves students/adults from all over the country to **voluntarily Donate** their blood
- The collected blood is used by various hospitals and organizations to save the lives of many suffering.





A Report

- PERI INSTITUTE OF TECHNOLOGY took great pleasure in organizing such a wonderful YRC Blood donation camp in our premises on 12/03/17.
- The welcome address and the comparing was done by Mr. S John Daniel student of mechanical department
- Welcoming the Principal **Dr. R .Palson Kennedy**, PERTIIT.
- Welcome the Heads of all the departments
- Mr Bertram Nirmal Philip-Mechanical department
- Mrs A Revathi - Computer science department
- Mr P Elango -Electrical and electronics department
- Mrs M Devakani - Civil engineering department
- Welcome the Overall YRC/NSS coordinator **Dr P.K Chidambaram** Asso.prof (mechanical)
- It was also an honor in welcoming the **Dr.Rajalakshmi** (General Hospital), her team of staff and also a team of 8 Female volunteers from Madras Medical College
- It was a great honor in welcoming the team of doctors **Dr..Mrs.R.Chandra**, and **Dr. Arivoli** also welcome by **Mr.Kalaiselvan APRO**, YRC Blood Bank
- The event started at **10:30 A.M** with welcoming address by the principal **Dr. R .Palson Kennedy**.
- The Event was first addressed by the Principal **Dr R Palson Kennedy** with a cheerful speech about blood donation
- This was followed by a small information about Youth Red Cross read by **Miss Alfreda Jonah** student of mechanical department

- The information about NSS was read by **Miss Om Durga**, student of computer science department
 - Some **facts** about blood donation and **Vote of thanks** proposed by overall NSS/YRC coordinator **Dr PK Chidambaram**
 - It is a great pleasure in thanking our **chairman MrSaravnanPeriasamy** who has given an opportunity to organize this Blood donation camp today[12/03/17]
 - I thank, Our COO **MrSasikumarVeerarajan** has provided good support from the management .
 - I thank, Our principal **Dr R Palson Kennedy** who is an instrumental, constant support and has given encouragement to organize this camp
 - I thank all the Heads of departments, staff coordinators, student volunteers
 - I thank all other staffs of PERIIT, who helped this camp
 - Thereby the Principal Inaugurated the blood donation camp
 - This was followed by Collection of blood from the first donor
 - The college as a whole showed great dedication and skill in conducting this event successfully
 - The staff and the students actively volunteered to donate their blood
 - Around **300** students both male and female registered themselves to donate their blood
 - Overall **195 donors** donated, in this **190 Male and 5 Female** volunteers donated their blood
 - **184 Students** donated their blood
 - **Also 7 teaching and 4 non teaching staff[11]** donated their blood in this camp.
 - The **YRCBlood bank** collected blood from **72** donors and the **General hospital[Chennai]** collected blood from **123** donors
 - There were short advices given by Dr Rajalakshmi (General hospital) to our students about how to keep their body fit and healthy to donate blood.
 - The students who donated blood were offered juice and a packet of biscuits
 - A group of 30 student volunteers(**24 boys and 6 girls**) actively involved all activates of the camp,
 - Totally **6** staff coordinators [**5 male and 1 female**] put a tireless hard work towards the camp, in that blood camp was successfully completed.
- The staff coordinators are
 - Mr. Karthick [Mech],
 - Mr. Shanmugavel[ECE],
 - MrSenthil[maths],
 - Mr. Mohammed[EEE],
 - Ms.RubyVincy Roy[EEE]
 - Mr.Ranjit Kumar[civil]
 - **Mr. Balan and Mr. Ganesan** provided the required number of cots, sound system, stools ,tables, dust bins needed in the hall
 - **Mr.Shiek** was provided food for the Doctors ,other officials from YRC and GH blood bank ,staff coordinators / students volunteers
 - Administrative staffs,supported for this camp
 - The blood donation camp was over by **3.00 P.M**

Annual Student Activities

The following activities are conducted annually:

1. Sports Day: Every year our institute organizes Sports Day in the month of July/August. Sports week is celebrated by organizing various sports events like Long Jump, Volleyball, Table Tennis, Cricket, Chess, and Carrom and winners medals on that day.
2. Hostel Day: Every year our college celebrates Hostel Day in the month of March/April. Chief guests are invited to grace the function. On this day, students will showcase their talents in the form of dancing, mimicry, mono acting, playing musical instruments etc.
3. Technical Symposium : Every year each department organizes a National Level Technical Symposium in september month. This symposium hosts a lot of events like Paper presentation, Code debugging, Technical quiz, Circuit expo, Workshop, Web designing etc. Winners in each event will be awarded with a cash prize and certificate.
4. National/International Conference – Every year the institution organizes National/ International Conference in the month of May. This conference provides innovative ideas from various research scholars, students and faculty from various recent technologies.
5. Project Expo Project:

Expo is organized by each department every year to showcase the student's innovation and talent.

6. Yoga/Meditation Yoga

Meditation is held to enlighten the students about a spiritual part of growth in themselves. Such activities are held on a regular basis that ensures the holistic development of the students.

10 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (120)

Total Marks 120.00

10.1 Organization, Governance and Transparency (40)

Total Marks 40.00

10.1.5 Transparency and availability of correct/unambiguous information in public domain (5)

Institute Marks : 5.00

10.1.5 INTRODUCTION:

The following procedure is followed to ensure transparency among the Governing bodies, Management, faculty members, staff members and students.

10.1.5.1 H R POLICY BOOK:

A copy of the H R Policy book is given to each department and maintained for ready reference for faculty members and students. In addition to that copy of the book is also kept in the Library for open reference. The H R Policy book covers recruitment of staff, promotion to staff, leave rules, academic procedures, duties and responsibilities of staff, academic targets, etc.

10.1.5.2 MINUTES OF THE HOD MEETING TO DEPARTMENT:

The Minutes of the HODs Meeting held in every month to discuss various items of academic works, development works, co-curricular activities, extra-curricular activities etc are circulated to all the departments through circulars.

10.1.5.3 MINUTES OF GOVERNING COUNCIL AND ACADEMIC ADVISORY BOARD TO DEPARTMENT:

Any decisions made by the Governing Council or Academic Advisory Board or by the Management in policy are conveyed to all the departments by circulating a copy of the Minutes.

Minutes of the Governing Council and Academic Advisory Board are kept as reference in the Main Library.

10.1.5.4 SEMESTER FACULTY MEETING:

Every semester Staff Meeting is conducted for interaction and dissemination of the information regarding conduct of the ensuing semester's academic programmes. It will help then to understand functions of college.

10.1.5.5 FEED BACK TO STAFF FOR REVIEW:

Students feedback, Peers' feedback, HODs evaluation and ACR are given to faculty members for self review and discussed with the faculty members or counselled.

10.1.5.6 APPROVAL & AUDITED STATEMENTS.

AICTE/Anna University Approval for every year will be uploaded in the website. Audited statement of the Institute will also

Posted in the college website

10.1.5.7 THE VISION AND MISSION ARE PUBLISHED AND DISSEMINATED at:

College website: <http://peri.education/periit/index.php> (<http://peri.education/periit/index.php>)

Student Test & Assignment Note books

Department notice boards

HOD Room's

College brochure

Staff Rooms

Laboratories

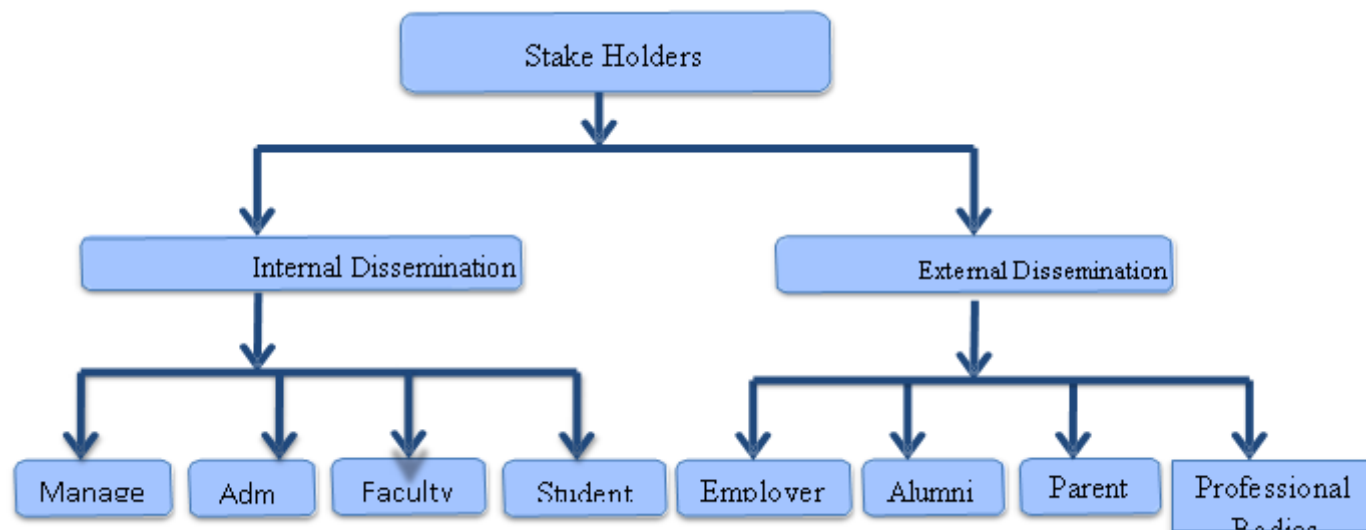
Corridors

Availability of Information to Stake Holders to Internal & External Members.

All information's will be disseminated to Students, faculties, Administration, Transport & managers internally.

Similarly it will be informed to all parents, alumni, Professional bodies,

Associations & Industries externally.



10.1.2 Governing body, administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies (10)

Institute Marks : 10.00

List of Governing Council Members for the year 2019-2020

Sl.No	Name	Qualification	Designation
1.	Mr.Saravanan periasamy	B.E., M.E	Chairman, PERI Educational & Charitable trust – Trust Nominee
2.	Mr. K. Periasamy	B.A	Member-PERI Educational & Charitable trust- Trust Nominee
3.	Mr. S.Rajendran	Msc.	Member-PERI Educational & Charitable trust- Trust Nominee
4	Prof. Dr. C. Chenniraj	M.E, PhD	DTE Nominee, TEQUIP Coordinator
5	Dr.A.Nanjundan	M.E.,PhD	AU Nominee

6	Dr. R. Palson Kennedy	M.E., Ph.D., FIE,	Principal- Member Secretary
7	Mr. Sasikumar Veerarajan,	B.E., M.E.	C.O.O. PERI Institute of Technology
8	Dr. J. Parthipan	M.Sc., M.Phil., Ph.D.	Faculty member – Trust Nominee – Associate Professor, Dept. of Science & Humanities.
9	Mr. B. Magesh	M.E.,	Trust Nominee – Professor, Department of Civil

List of Governing Council Members for the year 2018-2019

Sl.No	Name	Qualification	Designation
1.	Mr.Saravanan periasamy	B.E., M.E	Chairman, PERI Educational & Charitable trust – Trust Nominee
2.	Mr. K. Periasamy	B.A	Member-PERI Educational & Charitable trust- Trust Nominee
3.	Mr. S.Rajendran	Msc.	Member-PERI Educational & Charitable trust- Trust Nomi nee
4	Prof. Dr. C. Chenniraj	M.E, PhD	DTE Nominee, TEQUIP Coordinator
5	Dr.A.Nanjundan	M.E.,PhD	AU Nomiee
6	Dr. R. Palson Kennedy	M.E., Ph.D., FIE,	Principal- Member Secretary
7	Mr. Sasikumar Veerarajan,	B.E., M.E.	C.O.O. PERI Institute of Technology
8	Mr. V. Karthik,	B.E, M.E, PhD(Pursing)	Faculty member – Trust Nominee – Assistant Professor, Dept. of Computer Science and Engineering.
9	Mr. B. Magesh	M.E.,	Trust Nominee – Professor, Department of Civil

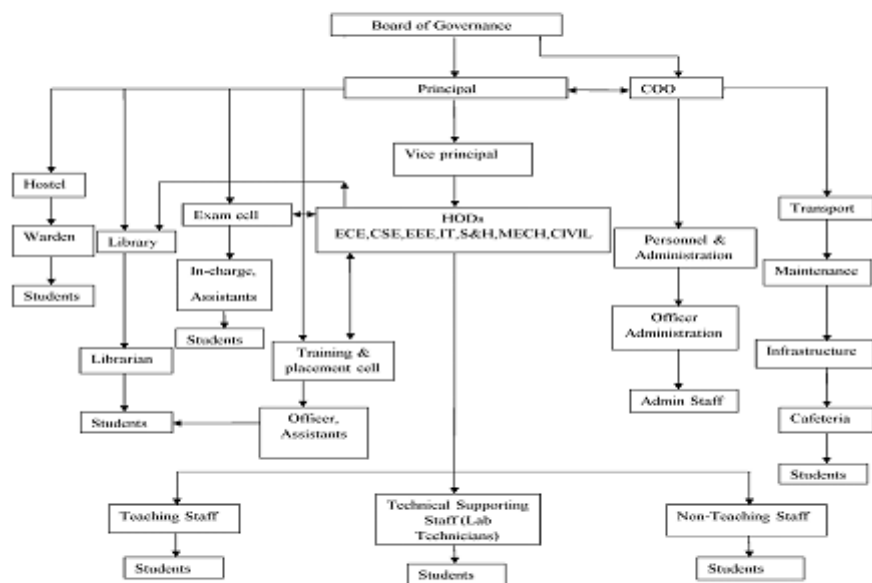
List of Governing Council Members for the year 2017-2018

Sl.No	Name	Qualification	Designation
1.	Mr.Saravanan periasamy	B.E., M.E	Chairman, PERI Educational & Charitable trust – Trust Nominee
2.	Mr. K. Periasamy	B.A	Member-PERI Educational & Charitable trust- Trust Nominee
3.	Mr. S.Rajendran	Msc.	Member-PERI Educational & Charitable trust- Trust Nominee
4	Prof. Dr. C. Chenniraj	M.E, PhD	DTE Nominee, TEQUIP Coordinator
5	Dr.R.Vijayaraj	M.E.,PhD	Joint Secretary – DhanalakshmiSrinivasan College of Engineering & Tecchnology
6	Dr. R. Palson Kennedy	M.E.,Ph.D.,FIE,	Principal- Member Secretary
7	Mr. SasikumarVeerarajan,	B.E., M.E.	C.O.O. PERI Institute of Technology
8	Mr. V. Karthik,	B.E, M.E, PhD(Pursing)	Faculty member – Trust Nominee – Assistant Professor, Dept. of Computer Science and Engineering.
9	Prof.S. Maheswaran	Msc.,MPhil,	Trust Nominee – Professor, Department of Mathematics.

List of Governing Council members (2016-2017)

Sl.No	Name	Qualification	Designation
1.	Mr.Saravanan periasamy	B.E., M.E	Chairman, PERI Educational & Charitable trust – Trust Nominee
2.	Mr. K. Periasamy	B.A	Member-PERI Educational & Charitable trust- Trust Nominee

3.	Mr. S.Rajendran	Msc.	Member-PERI Educational & Charitable trust- Trust Nominee.
4	Dr. C Chenniraj	M.E, PhD	DTE Nominee, TEQUIP Coordinator
5	Dr.C Nanjundan	M.Sc.,PhD	AU –Nominee Coordinator-exams
6	Dr. R. Palson Kennedy	M.E.,Ph.D.,FIE,	Principal- Member Secretary
7	Mr. SasikumarVeerarajan,	B.E., M.E.	C.O.O. PERI Institute of Technology
8	Mr. V. Karthik,	B.E, M.E, PhD(Pursing)	Faculty member – Trust Nominee – Assistant Professor, Dept. of CSE.
9	Prof.S. Maheswaran	Msc.,MPhil,	Trust Nominee – Professor, Department of Mathematics.

Organization Chart -PERI Institute of Technology

TLP Monitoring committee

College Academic Committee:

The academic activity of the institute is supervised by the College Academic Committee for which, Principal is the Chairman and all heads of the departments and professors are members. The Committee meets once in a fortnight to discuss the academic performance and to take decisions on critical academic matters, The Minutes of this meeting is forwarded to the Management. The salient points of the Academic Committee are made as agenda for Governing body.

Sr. No	Name	Position	Designation
1	Dr.R.Palson Kennedy	Chairman	Principal
2	Dr.P Anbu	Member	Head, CSE
3	Ms.Abisha	Member	Head, ECE
4	Mr.Anil kumar	Member	Head,Mech
5	Mrs. Sridevi	Member	Head,EEE
6	Dr. Rajesh Guna	Member	Head,Civil
7	Dr. Parthiban	Member	Head, Humanities

The college has several committees instituted by the Director who also nominates the Coordinators of the various committees with their duties and responsibilities. The committees are examination Cell,Anti Ragging, Student Affairs, Disciplinary, Library, Website, Timetable, Sports & Cultural, Training& Placement, College Newsletter, Women Welfare Committee and Girl Students' Welfare Committee.

Examination Cell

Sr. No	Name	Position
1.	Dr.R.Palson kennedy	Chief Superintendent
2.	Mr.Sebastian	Additional Supt.Exams-Coordinator
3.	Dr. J,Parthiban	Assistant Supt. Exams
4.	Mr. M Udaykumar & Mrs Kokila	Asst examiners

Student Affairs

Sr. No	Name	Position
1	Mr. V Magesh	In charge Student Development

2	Ms. S.Vinitha	Office In-charge
3	Ms. M. Vijaykumari	member

Hostel & Mess coordinator

Anti Ragging Committee

Sr. No	Name	Position
1	Mr. R. Senthil kumar	Coordinator in charge
2	Mr. S. Prithiviraj	Deputy Warden
3	Dr.Varatharajan	Deputy Wardent
4	Mr.Sugumaran	Supervisor-Mess

Anti Ragging Committee- Girls Hostel

Sr. No	Name	Position
1	Mrs. lavanya	Coordinator in charge
2	Mrs Kokila & Abirami	Member
3	Ms Suguna	Member

Apart from above there are committee's for Vigilance, Anti-Ragging Committee for Bus routes

Similarly department level committees – constituted by the respective Heads – monitor the activities of the departments like subject allocation, lab in-charges, time table, discipline, internal assessment, academic performance, and monitoring the teaching-learning process.

TLP Monitoring Committee

Sr. No	Name	Position
1	Mrs. Kaleeswari	Discipline Committee
2	Mr. Hari Sathish	Lab Incharges-Committee
3	Mrs.K.Varalakshmi	Subject Allocation Committee
4	Mrs.Sridevi	Academic Performance Committee
5	Mr. Sathish	Internal Assessment Committee
6	Mr. Maheswari	TimeTable Committee

Library

Sr. No	Name	Position
1	Dr Anbu	co-coordinator In charge
2	Dr Rajesh Guna	Member
3	Mrs.Vimala	Librarian
4	Mrs.Sridevi	Member
5	Ms .S.Rahini sudha	Member

Time Table Committee

Sr. No	Name	Position
1.	Mrs.Varalakshmi	Coordinator incharge
2.	Mr.Mahesh.R	Member

3.	Ms.Rekha.J	Member
4.	Mr.DhilipKumar	Member
5.	Mr.Hari satishkumar	Member

Institute has department level Time Table sub-committees who contribute to Institute timetable.

Sports & Cultural Committee

Sr. No	Name	Position
1	Mr. Arul Kumaran	Sports Coordinator
2	Mr.Sugin.B	Member
3	Mr.Anbalagan	Assistant Coordinator

College Newsletter & Website Committee

Sr. No	Name	Position
1	Mr. P. Anil Kumar	Coordinator in charge
2	Ms.K.Revathi	Member
3	Mr.J.Dhayanidhi	Website Administrator
4.	Ms.S.Vinitha	Member

Female Staff & Girls students welfare Committee

Sr. No	Name	Position
1	Mrs. Kokila	Coordinator in charge

2	Mrs. Suguna	Member
3	Ms. Lavanya	Member
4.	Ms.Preetha	Member

Defined rules, procedures, recruitment, and promotional policies, etc

The college appreciates the importance of Human Resource to further propel the healthy growth rate of the institute and hence constituted an exclusive HR Department that takes care of all spheres of HR needs of the institute. Apart from fulfilling the man power requirement of the institute/group, HR department ensures proper dissemination of policies amongst staff all cadres by ways of orientation sessions for newly recruited staff along with maintenance of all records pertaining to staff. HR department is also entrusted the responsibility of counseling the staff from time to time to ensure that a healthy environment prevails in the institute and all staff work towards the desired goals and objectives. Apart from having a published HR Policy manual within the department, that details the procedures relating to recruitment, promotion, career progression, increments etc, there are detailed policies for:

- Policy for Leaves available to staff of different cadre
- Policy for Leave travel concession (LTC)
- Policy for Attendance registration and Leave Application processing in Biometric Attendance Recording.
- Policy for Early Leaving/Late Coming/Movement Outside Campus:
- Promotional Policy for Ph.D. Program.
- Promotional Policy for Higher studies (M.Tech.) Promotion policy in time scale.

10.1.4 Delegation of financial powers (10)

Institute Marks : 10.00

10.1.4 Delegation of financial powers (10) Open Separately (<https://enba.nbaind.org/SARTemplates/eSARUGTierIIQuestion.aspx?Appid=3910&Progid=558&QuestID=84>)

Delegation of Financial powers to Principal, HOD's & other in-charges

The authorities competent to accord financial sanction to the purchase of apparatus and equipments, tools and plants, spares parts, consumables, stationery items etc. along with financial limits are indicated against each below:

Sl.No.	Category	Chairman	Principal	Directors/HODs
1	Purchase of Apparatus, Equipments, Tools & Plants + Consumables	Full powers	Up to Rs 1,00,000/- at a time.	Up to Rs 25,000/- at a time.
2	Purchase of Stationery items	Full powers	Up to Rs 15,000/- at a time.	Nil
3	Purchase of Books, journals, periodicals and Charts etc	Full powers	Up to Rs 1,00,000/- at a time.	Up to Rs 5,000/- at a time
4	Expenses on guest lectures, Seminars, FDP, workshop, Conferences, and other academic related activities	Full powers	Up to Rs 1,00,000/- at a time.	Up to Rs 25,000/- at a time.
5	Expenses on Service and maintenance of equipments .	Full powers	Up to Rs 25,000/- at a time.	Nil
6	Expenses on Transport	Full powers	Nil	Nil
7	Expenses on Medical Emergencies	Full powers	Up to Rs 15,000/- at a time	Nil Up to Rs 5,000/- at a time

In addition to this , Principal has powers to Order Books for students to maximum limit of 5lakhs per department . Hods & class in charges will be selecting the . Above which books to be purchased every year based on the syllabus & its revisions.

Principal has ordered books worth of 20 lakhs for the past 3 years . HODs were ordered & purchased printers , LCD Projectors & Bureau , for their departments .

HODs have serviced their lab equipments every year with servicing agencies up to 15,000 rs.

HODs bought books for their departments which is worth about 3000-5000 rs per year.

HODs conducted two international conferences during 2017-18 & 2018-19 & spent around 25,000 rs

10.1.1 State the Vision and Mission of the Institute (5)

Institute Marks : 5.00

Vision :

PERI Institute of Technology has a vision to be an internationally recognised Institution of higher learning in Engineering, Technology & Science. PERI also visualises being a Research incubator for academicians, Industrialists and researchers from across the world.

The information regarding the vision, mission are made available in the College website (<http://peri.education/periit/index.php> (<http://peri.education/periit/index.php>)), Test, Assignment & Record note books . Posters are displayed in every classroom, staff room, HOD chamber, at the Admin Block & entrance of the all other blocks in the campus.

Mission :

PERI Institute of Technology will endeavour to emerge as a premier technical institution in the country by

- Providing state-of-the-art infrastructure facilities to achieve excellence in teaching-learning, Research & Development.
- Aligning with leading industries to create competent engineers through internships and placement focused training.
- Create an environment which is conducive to learn skills which will solve pressing issues along with foundation in moral values and ethics.
- The Vision and Mission of PERIIT are published and disseminated at:
 - College website:<http://peri.education/periit/index.php> (<http://peri.education/periit/index.php>)),
 - Student Test, Assignment & Record Note books
 - Department notice boards
 - HOD Room's
 - College brochure
 - Staff Rooms
 - Laboratories
 - Corridors
 - Admin & other Blocks in the campus
 - Library
 - Conferance
 - Conference/seminar hall

10.1.3 Decentralization in working and grievanceredressal mechanism (10)

Institute Marks : 10.00

10.1.3.

Anti Ragging Committee & Sexual Harassment Committee.

The management has delegated its authority to the Principal to administer the institute on sound principles. The principal in-turn has delegated the powers to Vice-Principal, the principal and HODs of various academic departments. Principal looks after student performance and development. He look after academic activities of the Institute as per the university requirements. Principal looks after the co-curricular and extracurricular activities of the student community and ensures their participation in maximum number of events to enhance their overall personality. Principal concentrates upon research & development activities and initiatives and looks after the developments taking place in various departments. Principal ensures that the examination systems are foolproof and exams are conducted with full integrity. The principal are assisted by the Heads of Dept. in all the matters of interest. The principal holds review meetings on monthly basis and decisions are collectively taken on the issues pertaining to improvement and functioning of the Institute. In-turn the Heads of the Departments conduct monthly faculty meetings within respectedepartments and obtain the details pertaining to academic and non-academic and any student related problems. Also all the teachers are student counsellors and they are in constant touch with the students through weekly meetings. The information collected by them is passed on to HODs who in turn appraise the HODs and the principal.

Thus the administration is transparent and trust-worthy and facilitates smooth conduct and function of the Institute. All purchases are handled by a Purchase committee who receive requisitions from various departments and the committee evaluates the need, timeframe of supply, budgetary provisions and accordingly processes the purchases requirements. The Committee is headed by principal and has senior faculties and administrators as members. The principal in term a breasts the management about the purchases to be made and all such proposals are finally put up in Governing Body meetings for Approval

PERIIT/AT-GRV/2018/01

NOTICE

10.12.18

Prevention of Ragging in Educational Institutions - Guideline issued by UGC.

Anti Ragging committee members-(2017-18)

S.No	Name	Dept	Contact No	Mailid
1	Dr.R.Palson Kennedy PRINCIPAL	CSE	8056299111	principal@periit.com (mailto:principal@periit.com)
2	Dr.P R JASMINE JENI	ECE	9444737755	JASMINEJENI.PR@PERI.AC.IN (mailto:JASMINEJENI.PR@PERI.AC.IN)
3	Mr..Mahesh	CIVIL	9943282931	Magesh.b@peri.ac.in (mailto:Magesh.b@peri.ac.in)

4	Ms.A.Revathi CSE	CSE	9445279539	REVATI.A@PERI.AC.IN (mailto:REVATI.A@PERI.AC.IN)
5	Dr. K.C.Jayasnakar -	EEE	9710068298	Jayasankar.pr@paei.ac.in (mailto:Jayasankar.pr@paei.ac.in)
6	Mr.Bertram N Philip-	MECH	9840299353	BERTRAM.P@PERI.AC.IN (mailto:BERTRAM.P@PERI.AC.IN)
7	Ms.F.Ruby Vincy Roy	EEE	9176112627	rubyvincyroy.f@peri.ac.in (mailto:rubyvincyroy.f@peri.ac.in)
8	Mr Shanmugavel	ECE	9791746797	shanmugavel.g@peri.ac.in
9	Mr..Prabhu	MECH	7010810918	a.p.prabhu@gmail.com (mailto:a.p.prabhu@gmail.com)
10	Ms.K.Varalakshmi	CSE	9710263879	Varalakshmi.k@peri.ac.in (mailto:Varalakshmi.k@peri.ac.in)
11	Mr R.rajeshguna	civil	9787956561	rajeshguna.r@peri.ac.in
12	Ms.C.P. Nirmala Bai	PHYSICS	9176054330	angh23@rediffmail.com (https://iguru.periit.com/sefcdetails/staff_dashboard/379)
13	Ms.P.Kaleeswari	MATHS	9942580408	kaleeswari.p@peri.ac.in
14	Ms Kokila	English	9976185091	sunkokila@gmail.com (https://iguru.periit.com/sefcdetails/staff_dashboard/556)

Copy to:

chairman /coo

:

PRINCIPAL

HOD-ECE

:

HOD-MECH

:

HOD-EEE

:

HOD-CIVIL

:

HOD-CSE :

HOD-S & H :Manager – Admin :Manager – Transport: Admission Team

Anti Ragging committee members-(2018-19)

S.No	Name	Dept	Contact No	Mailid
1	Dr.R.Palson Kennedy	PRINCIPAL	8056299111	principal@periit.com
2	Mr.B.Magesh	CIVIL	9943282931	Vice principal@periit.com
3	Dr.R. Rajesh Guna	CIVIL	9994325102	Hodcivil@peri.ac.in
4	Mrs.Abisha benlyn	ECE	9791695675	Hodece@peri.ac.in
5	Mrs. Sreedevi	EEE	9600111507	Hodeeee@peri.ac.in
6	Mr.Anilkumar	MECH	8973323396	Hodmech@peri.ac.in
7	Mr.S.Balan	CAMPUS MANAGER	9840824959	Balan.s@peri.ac.in
8	Mr.K.Ravi	DISCIPLINE HEAD	8939234305	Ravi.k@peri.ac.in
9	Mr.T.B.Sukumaran	CANTEEN SUPERVISOR	9677228155	Sukumaran.tb@peri.ac.in
10	Mrs.S.varalakshmi	CSE	9710263879	Varalakshmi.k@peri.ac.in
11	Mr.Y.sultan basha	MECH	9176582823	Atchasulthan11@gmail.com
12	Mr. Tamil Amuthan	EEE	9843096067	Tamilamuthan.tg@gmail.com
13	Mr.Shanmugavel	ECE	9791746797	Shanmugavel@peri.ac.in
14	Mr.M.Anbalagan	CIVIL	9994519987	Anbuvijaycivil02@gmail.com
15	Ms.P.Kaleeswari	S&H	9942580408	Kaleeswari.p@peri.ac.in

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chairman /coo : PRINCIPAL

HOD-ECE :

HOD-MECH :

HOD-EEE :

HOD-CIVIL :

HOD-CSE :

HOD-S & H :Manager – Admin :Manager – Transport: Admission Team

Anti Ragging committee members-(2019-20)

S.No	Name	Dept	Contact No	Mailid
1	Dr.R.Palson Kennedy	PRINCIPAL	8056299111	principal@periit.com
2	Mr.B.Magesh	CIVIL	9943282931	Vice principal@periit.com
3	Dr.R. Rajesh Guna	CIVIL	9994325102	Hodcivil@peri.ac.in
4	Mrs.Abisha benlyn	ECE	9791695675	Hodece@peri.ac.in
5	Mrs. Sreedevi	EEE	9600111507	Hodeeee@peri.ac.in
6	Mr.Rajkumar.S	CSE	9444430401	Hodcse@peri.ac.in
7	Mr.Anilkumar	MECH	8973323396	Hodmech@peri.ac.in
8	Mr.S.Balan	CAMPUS MANAGER	9840824959	Balan.s@peri.ac.in

9	Mr.K.Ravi	DISCIPLINE HEAD	8939234305	Ravi.k@peri.ac.in
10	Mr.T.B.Sukumaran	CANTEEN SUPERVISOR	9677228155	Sukumaran.tb@peri.ac.in
11	Mrs.S.varalakshmi	CSE	9710263879	Varalakshmi.k@peri.ac.in
12	Mr.Y.sultan basha	MECH	9176582823	Atchasulthan11@gmail.com
13	Mr. Tamil Amuthan	EEE	9843096067	Tamilamuthan.tg@gmail.com
14	Mr.Shanmugavel	ECE	9791746797	Shanmugavel@peri.ac.in
15	Mr.M.Anbalagan	CIVIL	9994519987	Anbuviyaycivil02@gmail.com
16	Ms.P.Kaleeswari	S&H	9942580408	Kaleeswari.p@peri.ac.in

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HOD-ECE :

HOD-MECH :

HOD-EEE :

HOD-CIVIL :

HOD-CSE :

HOD-S & H :Manager – Admin :Manager – Transport: Admission Team

GRIEVANCE REDRESSAL COMMITTEE FOR ACADEMIC YEAR 2016-17

Sl. No.	Name	Designation
1.	Prof R. Jasmine Jeni Vice-Principal, PERIIT,Chennai-48	Chairman

2.	Dr. R. Palson Kennedy Principal, PERIIT,Chennai-48	Convener
3.	Mrs. Ruby Vincy Roy Asst. Professor, Dept. of EEE, PERIIT,Chennai-48	Representative of Faculty
4.	Mr. Prabhu Dept of Mechanical, PERIIT,Chennai-48	Student Welfare Officer
5.	Respective Heads of Departments ACSCE,Bangalore-74	Representative of Faculty
6.	Ms. Usha. M Instructor, Dept of CSE, PERIIT,Chennai-48	Representative of Staff
7.	Mr. Karthikeyan A Dept of Mech 8 th Sem BE, Department of CSE PERIIT,Chennai-48	Student Representative
8.	Ms. Gayathri A.V 8 th Sem BE, Dept of CSE PERIIT,Chennai-48	Student representative

GRIEVANCE REDRESSAL COMMITTEE FOR ACADEMIC YEAR 2017-18

SI No	Name	Designation
1.	Mr.B.N. Phillip	Chairman
2.	Dr. R. Palson Kennedy	Convener
3.	Mr.Shamugavel	Representative of Faculty
4.	Mr. Ravi	Student Welfare Officer

5.	Respective Head of Departments	Representative of Faculty
6.	Ms. K.Varalakshmi.	Representative of Staff
7.	Ms. Sowmia G	Student Representative

GRIEVANCE REDRESSAL COMMITTEE FOR ACADEMIC YEAR 2018-19

SI No	Name	Designation
1.	Mr.B.N. Phillip	Chairman
2.	Dr. R. Palson Kennedy	Convener
3.	Mr.Shamugavel	Representative of Faculty
4.	Mr. Ravi	Student Welfare Officer
5.	Respective Head of Departments	Representative of Faculty
6.	Ms. K.Varalakshmi.	Representative of Staff
7.	Ms.Sreedevi	Student Representative

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

Total Marks 30.00

10.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

10.2.1

Since the Institute is in growing phase, college management has made it a point that funds should not be a hindrance factor for the substantial rate of growth. Adequate budget is allocated and expenditure is monitored. In no circumstances, teaching learning process is made to suffer because of fund shortage. When ever necessary the fund is allotted for the growth of the Institution. Adequate fund is provided by the management to the needy departments then & there.

S.No	Assessment Year	Budget Allocated Rs in Lakhs	Actual Expenditure Rs in Lakhs	Adequate / Non Adequate
1	2018-2019	2071	1984	Adequate
2	2017-2018	2535	2308	Adequate
3	2016-2017	2253	2035	Adequate
4	2015-2016	2406	2152	Adequate

10.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

During last three years budget allocation and utilization is in order and no deficiency was observed.

S.No	Assessment Year	Budget Allocated Rs in Lakhs	Actual Expenditure Rs in Lakhs	Percentage of utilisation
1	2018-2019	1864	1784	95%
2	2017-2018	2535	2308	91%
3	2016-2017	2253	2035	90%
4	2015-2016	2406	2152	89%

We have utilized minimum of 90% to maximum of 95% of allocated was effectively used.

10.2.3 Availability of the audited statements on the institute's website (5)

Institute Marks : 5.00

it is available on the college website

Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively) in the three previous financial years

:

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2018-2019

Total Income 186411240				Actual expenditure(till...): 178411240			Total No. Of Students 1960
Fee	Govt.	Grants	Other sources(specify) canteen etc	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Transport R&D ac ,Building etc	Expenditure per student
151011240	25000000	0	10400000	117678240	30733000	30000000	91026.14

Table 2 - CFYm1 2017-2018

Total Income 253581417				Actual expenditure(till...): 230804783			Total No. Of Students 1877
Fee	Govt.	Grants	Other sources(specify) canteen , transport oth	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Ac, R & D , lab	Expenditure per student
216784593	29362385	40000	7394439	138684170	62120613	30000000	122964.72

Table 3 - CFYm2 2016-2017

Total Income 225375420				Actual expenditure(till...): 185524354			Total No. Of Students 1973
Fee	Govt.	Grants	Other sources(specify) canteen, scrap	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Transport ,	Expenditure per student

192757378	28140000	0	4478042	110729081	72795273	2000000	94031.60
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Table 4 - CFYm3 2015-2016

Total Income 240682526				Actual expenditure(till...): 215282297			Total No. Of Students 1926
Fee	Govt.	Grants	Other sources(specify) scrap, rent canteen vc	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Transport ,Labs etc	Expenditure per student
194661085	25301000	0	20720441	133646770	76635527	5000000	111776.89

Items	Budgeted in 2018-2019	Actual Expenses in 2018-2019 till	Budgeted in 2017-2018	Actual Expenses in 2017-2018 till	Budgeted in 2016-2017	Actual Expenses in 2016-2017 till	Budgeted in 2015-2016	Actual Expenses in 2015-2016 till
Infrastructure Built-Up	30000000	20000000	6000000	35000000	30000000	30000000	60000000	50000000
Library	700000	150000	500000	200000	600000	200000	1000000	500000
Laboratory equipment	1000000	400000	3000000	2998862	3000000	500000	2500000	2000000
Laboratory consumables	700000	600000	600000	500000	600000	500000	500000	400000
Teaching and non-teaching staff salary	40000000	37051639	60000000	55551639	50000000	41082117	70000000	63204454
Maintenance and spares	5000000	26593510	30000000	31915292	20000000	14073806	9000000	7352536
R&D	2500000	1000000	2500000	2122900	500000	50000	0	0
Training and Travel	25000000	22033226	15000000	12933226	10000000	7784071	7250000	6252970
	34269624	30362385	50000000	29362385	40000000	39236576	50000000	45139811
Others, specify transport,	47241616	40220480	85981417	60220479	70675420	70097784	40432526	40432526

Total	186411240	178411240	253581417	230804783	225375420	203524354	240682526	215282297
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10.3 Program Specific Budget Allocation, Utilization (30)

Total Marks 30.00

Institute Marks :

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3

CFY: (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 :: CFY 2018-2019

29510000		Actual expenditure (till...): 28900000		Total No. Of Students 328
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
310000	29200000	14100000	14800000	88109.76

Table 2 :: CFYm1 2017-2018

32470000		Actual expenditure (till...): 28300000		Total No. Of Students 306
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
3400000	29070000	13800000	14500000	92483.66

Table 3 :: CFYm2 2016-2017

22888000		Actual expenditure (till...): 22200000		Total No. Of Students 206
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Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2700000	20188000	7900000	14300000	107766.99

Table 4 :: CFYm3 2015-2016

23486000		Actual expenditure (till...): 19585000		Total No. Of Students 207
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
3200000	20286000	8200000	11385000	94613.53

Items	Budgeted in 2018-2019	Actual Expenses in 2018-2019 till	Budgeted in 2017-2018	Actual Expenses in 2017-2018 till	Budgeted in 2016-2017	Actual Expenses in 2016-2017 till	Budgeted in 2015-2016	Actual Expenses in 2015-2016 till
Laboratory equipment	1800000	4100000	1500000	5800000	1000000	5400000	1000000	1200000
Software	1300000	10000000	1900000	8000000	1700000	2500000	2200000	7000000
Laboratory consumable	500000	600000	770000	450000	488000	800000	1500000	1400000
Maintenance and spares	9000000	6000000	5000000	1500000	1500000	700000	500000	300000
R & D	7500000	150000	300000	300000	200000	300000	200000	100000
Training and Travel	3200000	2050000	3000000	2100000	1800000	2500000	8086000	3085000
	9000000	6000000	20000000	10150000	16200000	10000000	10000000	6500000
Total	32300000	28900000	32470000	28300000	22888000	22200000	23486000	19585000

10.3.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

10.3.1 FOR-CSE

The yearly budget is prepared according to the needs & requirements of the departments taking into consideration of annual intake of students, laboratory & infrastructure developments. Students, faculty & staff requirements and promotions and latest technologies etc., Various departments submit the annual budget to principal. On receipt of such proposals, principal, in consultation with departmental HODs, prepares a consolidated proposal. After deliberations formal budget made altered in departments and forwarded to Principal for preparing final budget at college level and submits it to the Governing Body for approval and sanction.

The Management is approving almost 100% which was proposed by the institute. The budget allocation and utilization for the last three years is adequate. All the expenditure needs prior approval from the competent authority. Funds would be spent only from the approved budget. If funds are required for expenses not mentioned in the proposal, management's approval is a must. Management ensures the adequacy of the funds from various sources like, fee accrual, donation and bank loans.

Since the department is in growing phase, college management has made it a point that funds should not be a hindrance factor for the healthy rate of growth. Adequate budget is allocated and expenditure is monitored. In no circumstances, teaching learning process is made to suffer because of fund shortage. Since the department is in growing phase, Institute management has made it a point that funds should not be a barrier factor for the considerable rate of growth. Adequate budget is allocated and expenditure is monitored. In no circumstances, teaching learning process is made to suffer because of fund shortage.

S.No	Assessment Year	Budget Allocated Rs in Lakhs	Actual Expenditure Rs in Lakhs	Adequate / Non Adequate
1	2018-2019	295	289	Adequate
2	2017-2018	324	283	Adequate
3	2016-2017	228	222	Adequate
4	2015-2016	234	195	Adequate

10.3.2 Utilization of allocated funds (20)

Institute Marks : 20.00

S.No	Assessment Year	Budget Allocated Rs in Lakhs	Actual Expenditure Rs in Lakhs	Utilization
1	2019-2020	295	289	97%
2	2018-2019	324	283	87%
3	2017-2018	228	222	96%
4	2016-2017	234	195	83%

Department used allocated funds effectively. The minimum of 80% and maximum of 95% of the allocated funds were utilised.

10.4 Library and Internet (20)

Total Marks 20.00

10.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks : 10.00

10.4.1 Quality of learning resources (hard/soft) (10) Open Separately (<https://enba.nbaind.org/SARTemplates/eSARUGTierIIQuestion.aspx?Appid=3910&Progid=558&QuestID=94>)

The internet is used for electronic mail, discussion groups, file transfers, and web services. Protocols include FTP -file transfer protocol, HTTP - for the transfer of web pages from a server to a browser, and SMTP for e-mail transfer.

Electronic Journals

Electronic or e-journals in which all aspects of preparation, refereeing, assembly, and distribution are carried out electronically."

In most instances the electronic journals to which DELNET subscribes have been bundled with current print subscriptions. Recently we have elected to subscribe to some titles as e-journals only. Some major publishers that provide electronic journal access to faculty and students at PERIT are Wiley, Elsevier, Springer and the Indian national Journals .

A useful directory of web sites with information relating to e-journal acquisition and access arranged by the institution.

Data Files

For the purpose of the Collections Development of laboratory Manual, project reports of all final year students are collected & kept in library & machine readable data files somewhat narrowly as data files created at our academic institutions for research purposes.

Accessibility to students

Students are allowed to access the records , project reports , journals ,books etc from library. They are allowed to download the contents related to their subjects & projects. In addition to this faculties will mail pdf, ppt, videos' etc to the students groups email ids

Major activities to encourage self learning

- Confidence scale. This first activity helps students think about their learning objectives and see the progress they are making on a class-by-class basis. ...
- Selecting the feedback focus. The next activity personalizes the learning process by having students focus on individual goals. ...
- Record and reflect.
- Written feedback.

This first activity helps students think about their learning objectives and see the progress they are making on a class-by-class basis.

Begin by writing the intended learning goal of the lesson on the board. Ask students to give themselves a score from the scale, reflecting how confident they feel that they can achieve that goal now.

Monitor and assess the confidence levels of the class. Depending how they feel about the learning goal, you can adjust the amount of time you spend on each part of the lesson.

At the end of the class, ask students to assess their confidence levels again. They should write the new number next to the old one. Again, monitor confidence levels. Usually it will increase, but in some cases it may go down. If that's the case, don't worry, reassure students that you are there to help. Next ask them to work in pairs and discuss how they can gain further confidence. Finally, ask students to each write three action points based on the conversations they had with their partner, outlining what they will do to improve.

Feedback focus

The next activity personalizes the learning process by having students focus on individual goals.

Before students start a writing task, ask them to identify a personal learning goal. To help them decide on this, encourage them to look back at your feedback on previous written work

Record & Reflect

Although it's important to think about the objectives before starting a lesson or activity, it's also vital that your students reflect on their performances afterwards. Of course, while you should offer them feedback, they'll only really embrace independent learning if they self-evaluate.

Have students record themselves on their mobile phones completing a speaking task (e.g. part 2 of the speaking paper in the C1 Advanced exam). Then get them to listen back and compare their performance with a model answer.

Recording apps are usually free to download or are pre-loaded onto a smartphone.

Written Feedback

The final activity relates to how you organize your written feedback so that it is both motivating and productive.

Often when learners see a piece of their writing covered in red pen, they think they have done a terrible job and lose confidence which has a negative impact on independent learning.

To counter this, provide one comment under each of these headings to help learners identify where they are in their learning now. It will also show them what they need to do next and help them recognize that they have made progress, boosting their confidence.

- A key strength
- An area of progress
- An area to work on
- How you can work on it

The more confident they are, the more they'll take ownership over their learning.

Self Learning.-Digital Library is available in the Institute . It is available for all 5 courses of the Institution along with the E books which is having 100+ per course. Server is there with Net facility & daily 10-20 students using it.

10.4.2 Internet (10)

Institute Marks : 10.00

Name of the Internet provider	TATA TELECOMMUNICATIONS
Available band width	50MBPS
WiFi availability	YES-4MBPS
Internet access in labs, classrooms, library and offices of all Departments	YES
Security arrangements	ENDIAN FIREWALL

10.4 Library and Internet (20)

The internet is used for electronic mail, discussion groups, file transfers, and web services. Protocols include FTP -file transfer protocol, HTTP - for the transfer of web pages from a server to a browser, and SMTP for e-mail transfer to individual students mail ids .

Electronic Journals

Electronic or e-journals in which all aspects of preparation, refereeing, assembly, and distribution are carried out electronically."

In most instances the electronic journals to which DELNET subscribes have been bundled with current print subscriptions. Recently we have elected to subscribe to some titles as e-journals only. Some major publishers that provide electronic journal access to faculty and students at PERIT are Wiley, Elsevier, Springer and the Indian national Journals .

A useful directory of web sites with information relating to e-journal acquisition and access arranged by the institution.

Data FilesFor the purpose of the Collections Development of laboratory Manual, project reports of all final year students are collected & kept in library & machine readable data files somewhat narrowly as data files created at our academic institutions for research purposes.

Accessibility to students .

Library-word

Carpet area of library (in m²) :350 sqft

Reading space (in m²) : 350sqft

Number of seats in reading space :50

Number of users (issue book) per day :45

Number of users (reading space) per day : 25

Timings: During working day, weekend, and Vacation : 8:30am to 6:00 pm

Number of library staff : 02

Number of library staff with a degree in : 01

Library Management : 01

Computerization for search, indexing : Yes

Issue/return records bar coding used : Yes

Library services on Internet/ DELNET : Yes

Similar membership archives

Number of titles: **2500**

Number of volumes: 11160

ANNEXURE																			
EXTRACT OF THE INSPECTION REPORT 2018-2019																			
Name and Address of the College			4015 - PERI Institute of Technology, No.1, Marudikottam Village, Kanchipuram, Chennai, Kanchipuram - 600046																
General Facilities																			
Principal	% Deficiency in Class Room	% Deficiency in Computers	No. of Satisfactory Facilities		No. of Not Satisfactory Facilities														
ELIGIBLE	0	0	22		3														
Not Satisfactory Facilities : Rain Water Harvesting facility, @ Reading room, Auditorium																			
Deficiency in Faculty (%)					Deficiency in Library (%)														
Science, Humanities and General Engineering					S & H Books					Engg Books (<2017)					Engg Books (>2017)				
S	A	D	R	A	D	R	A	D	R	A	D	R	A	D					
33	36	0	1000	5647	0	7760	8018	0	140	320	0								
Deficiency in Faculty (%)																			
Sl. No.	Program	Course	Sl. No.	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)					
1	S.E.	Civil Engineering	128	1	0	0	0	0	0	0	0	0	0	0					
2	S.E.	Computer Science and Engineering	129	1	0	0	0	0	0	0	0	0	0	0					
3	S.E.	Electrical and Electronics Engineering	130	1	0	0	0	0	0	0	0	0	0	0					
4	S.E.	Electronics and Communication Engineering	131	1	0	0	0	0	0	0	0	0	0	0					
5	S.E.	Mechanical Engineering	132	1	0	0	0	0	0	0	0	0	0	0					
6	S.E.	Automotive Engineering	133	1	0	0	0	0	0	0	0	0	0	0					
7	S.E.	Information Technology	134	1	0	0	0	0	0	0	0	0	0	0					
8	S.E.	Computer Science and Engineering	135	1	0	0	0	0	0	0	0	0	0	0					
9	S.E.	Electronics and Communication Engineering	136	1	0	0	0	0	0	0	0	0	0	0					
10	S.E.	Electronics and Instrumentation	137	1	0	0	0	0	0	0	0	0	0	0					

ANNEXURE														
EXTRACT OF THE INSPECTION REPORT 2017-2018														
Name and Address of the College			4015 - PERI Institute of Technology, No.1, Marudikottam Village, Kanchipuram, Chennai, Kanchipuram - 600046											
General Facilities														
Principal	% Deficiency in Class Room	% Deficiency in Computers	No. of Satisfactory Facilities		No. of Not Satisfactory Facilities									
ELIGIBLE	0	0	25		0									
Not Satisfactory Facilities :														
Deficiency in Faculty (%)					Deficiency in Library (%)									
Science, Humanities and General Engineering					S & H Books					Engg Books (<2017)				
S	A	D	R	A	D	R	A	D	R	A	D	R	A	D
46	29	34	1000	2017	0	7040	8024	0	140	620	0			
Deficiency in Faculty (%)														
Deficiency in Library (%)														
Sl. No.	Program	Course	Sl. No.	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)	Deficiency in Library (%)	Deficiency in Faculty (%)
1	S.E.	Civil Engineering	128	1	0	0	0	0	0	0	0	0	0	0
2	S.E.	Computer Science and Engineering	129	1	0	0	0	0	0	0	0	0	0	0
3	S.E.	Electrical and Electronics Engineering	130	1	0	0	0	0	0	0	0	0	0	0
4	S.E.	Electronics and Communication Engineering	131	1	0	0	0	0	0	0	0	0	0	0
5	S.E.	Mechanical Engineering	132	1	0	0	0	0	0	0	0	0	0	0
6	S.E.	Automotive Engineering	133	1	0	0	0	0	0	0	0	0	0	0
7	S.E.	Information Technology	134	1	0	0	0	0	0	0	0	0	0	0
8	S.E.	Computer Science and Engineering	135	1	0	0	0	0	0	0	0	0	0	0
9	S.E.	Electronics and Communication Engineering	136	1	0	0	0	0	0	0	0	0	0	0

Annexure I

(A) PROGRAM OUTCOME (POs)

Engineering Graduates will be able to:

1. **Engineering Knowledge** : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

PSO1	1. To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.
PSO2	2. To apply software engineering principles and practices for developing quality software for scientific and business applications.
PSO3	3. To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institution shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute

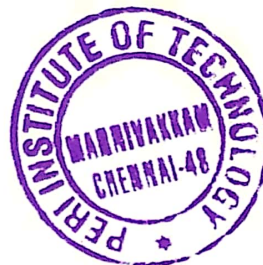
Name : Dr.R.Palson Kennedy

Designation : Principal

Signature :



Seal of The Institution :



Place : Chennai

Date : 06-01-2020 17:05:30

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