Sri Vasavi Institute of Engineering and Technology

(**Approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada**)
Nandamuru, Pedana, Krishna Dt., Andhra Pradesh
www.sviet.edu.in

... Empowering Minds

Department of Computer Science and Engineering

Self Assessment Report

B.Tech in Computer Science Engineering
Submitted to

NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place
Bhisham Pitamah MArg Pragati Vihar
New Delhi- 110003, INDIA
January -2019

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PART A: Institutional Information

1. **Name and Address of the Institution:**

   Sri Vasavi Institute of Engineering and Technology

   Nandamuru, Pedana Mandal, Krishna District – 521369, Andhra Pradesh

2. **Name and Address of the Affiliating University:**

   Jawaharlal Nehru Technological University, Kakinada (JNTUK)

   Kakinada – 533003 .

3. **Year of establishment of the Institution:**2008

4. **Type of Institution:**

University:	☐
Deemed University:	☐
Government Aided:	☐
Autonomous:	☐
Affiliated:	☑

5. **Ownership Status:**

Central Government:	☐
State Government:	☐
Government Aided:	☐
Self-Financing:	☑
Trust:	☐
Society	☑
Section 25 Company	☐
Any other (Please specify)	☐

Provide Details: Sri Vasavi Educational Society, Door No. 7/264, Godugupet, Machilipatnam

6. **Other Academic Institutions of the Trust/ Society/Company etc., If any: No**

***Table A.6* Note: Add rows as needed.**

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

S.No.	Program Name	Name of the Department	Year of Start	Intake	Increase in Intake, if any	Year of Increase	AICTE Approval	Accreditation Status*
1	B.Tech	Computer Science and Engineering	2008	60	60	2010	1-4279961/2010/ EOA dated 23-08-2010	Applying first time
2	B.Tech	Electronics and Communication Engineering	2008	60	60	2009	1-4/2009-TS-II dated 12-08-09	Applying first time
3	B.Tech	Mechanical Engineering	2010	60				Applying first time
4	B.Tech	Civil Engineering	2009	60				Eligible but not applied
5	B.Tech	Electrical and Electronics Engineering	2008	60				Eligible but not applied
6	M.Tech	Computer Science and Engineering (CSE)	2012	18				Eligible but not applied
7	M.Tech	ECE (VLSI System Design)	2012	18				Eligible but not applied

Table A.7

****write applicable one:***

- ***Applying first time***
- ***Granted provisional accreditation for two/ three years for the period (specify period)***
- ***Granted accreditation for 5/6 years for the period (specify period)***
- ***Not accredited (specify visit dates, year)***
- ***Withdrawn (specify visit dates, year)***
- ***Not eligible for accreditation***
- ***Eligible but not applied***

8. Programs to be considered for accreditation vide this application:

S. No.	*Program Name*
1	UG-B.Tech (Computer Science &Engineering)
2	UG-B.Tech(Electronics &Communication Engineering)
3	UG-B.Tech (Mechanical Engineering)

Table A.8

9. Total number of employees in the institution:

A. Regular Employees (faculty and staff):

Items		CAY		CAYm1		CAYm2	
		Min	Max	Min	Max	Min	Max
Faculty in Engineering	M	60	64	62	70	66	72
	F	14	17	15	19	12	16
Faculty in Math's, Science & Humanities	M	20	22	18	23	18	23
	F	3	4	4	6	4	7
Non- teaching staff	M	77	81	87	89	87	91
	F	15	17	12	14	10	12

Table A.9a

Note: Minimum 75% should be Regular/Full time faculty and the remaining shall be contractual faculty as per AICTE norms and standards.

The contractual faculty (doing away with the terminology of visiting/adjunct faculty, whatsoever) who have taught for 2 consecutive semesters in the corresponding academic year on full time basis shall be considered for the purpose of calculation in the student faculty ratio

CAY – Current Academic Year

CAYm1 – Current Academic Year minus 1 = Current Assessment Year

CAYm2 – Current Academic Year minus 2 = Current Assessment Year minus 1

B. Contractual Staff Employees (Faculty and Staff): (Not covered in Table A): NIL

Items		CAY		CAYm1		CAYm2	
		Min	Max	Min	Max	Min	Max
Faculty in Engineering	M	-	-	-	-	-	-
	F	-	-	-	-	-	-
Faculty in Math's, Science & Humanities	M	-	-	-	-	-	-
	F	-	-	-	-	-	-
Non- teaching staff	M	-	-	-	-	-	-
	F	-	-	-	-	-	-

Table A.9b

10. Total number of Engineering Students:

A: UG

Item	CAY 2018-19	CAYm1 2017-18	CAYm2 2016-17
Total no. of boys	669	746	777
Total no. of girls	641	675	725
Total no. of students	1310	1421	1502

Table A.10

CRITERION 1	Vision, Mission and Program Educational Objectives	60

1. VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60)

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

INSTITUTE VISION

To emerge as a premier engineering institution in rural India imparting values based education for socio-economic upliftment.

INSTITUTE MISSION

- Provide the most creative learning environment for Technical Excellence of stakeholders
- Promote industry-institute interaction for skill enhancement and to meet the industry needs
- Create an environment to the stakeholders to be good citizens with integrity and morality.
- Committed to improve technical excellence, ethical values continuously.

DEPARTMENT VISION

To be a reputed center for quality computer science and engineering education by fulfilling the ever changing needs of industry and society.

DEPARTMENT MISSION

DM 1: To provide knowledge and skills required for industry.

DM2: To conduct training and activities with stake holder involvement

DM 3: To provide a learning ambience for enhancing innovation, professional and interpersonal skills

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

Graduates of Computer Science Engineering will be able to:

PEO1: Exhibit strong foundation in Mathematics, Science and Computer Engineering fundamentals to solve Engineering problems as per industry needs.

PEO2: Apply recent technological developments to contribute effectively for research activities.

PEO3: Inculcate multidisciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

PEO4: Adapt technological advancements by continuous learning.

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

a. Display of V/M/PEO

The V/M/PEO are displayed in
College website

- Class rooms
- Staff rooms
- Corridors
- Brochures
- Manuals
- Handouts
- Course files
- Laboratories
- Magazines

b. Dissemination of V/M/PEO

Alumni
During orientation
Annual meeting reports by Principal
Drives
(Describe where(websites, curriculam, posters etc.) the Vision, Mission and PEOs are published and detail the process which ensures awareness among internal and externals take holders with effective process implementation)
(Internal stakeholders may include Management, Governing Board Members, faculty, support staff, students etc. and external stakeholders may include employers, industry, alumni, funding agencies, etc.)

S. No	Internal Stake Holders	External Stake Holders
1	Board of Governors	Parents
2	Faculty members	Employers
3	Technical staff	Alumni
4	Students	Industry

Department Vision, Mission and PEO's are published in

Particulars	Internal Stake Holders	External Stake Holders
College website (www.sviet.edu.in) (http://(www. sviet.edu.in))	Yes	Yes
HoD Office	Yes	
Department notice board	Yes	
Department corridors	Yes	
Department library	Yes	
Department Journal	Yes	Yes
Course Files	Yes	
Research lab	Yes	
NW/MM lab	Yes	
Internet Center	Yes	
CP Lab		
DBWH		

Department Vision, Mission and PEO's are disseminated among Stake Holders by Discussing in

Particulars	Internal Stake Holders	External Stake Holders
BOG Meeting		Yes
HOD Meeting with faculty	Yes	
HOD Meeting with Staff	Yes	
HOD Meeting with Students	Yes	
HOD Meeting with Parents		Yes

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

(Articulate the process for defining the vision and mission of the department and PEOs of the program)

Formulated statements of Vision, Mission and PEOs of the undergraduate Program in Computer Science and Engineering department are a result of rigorous discussions amongst the internal stakeholders and feedback of the program. The Vision emphasizes on the all-round development of the students which will help them to become a successful engineer. The Mission statement focuses on the on-going academic processes which accomplish the Vision in long term. PEO statements are the core objectives on fulfilment of which it can be stated with assurance that department's Mission and Vision will be achieved.

Steps involved in drafting the departments' Vision and Mission:

Step 1: Institute's Vision and Mission is taken as the basis.

Step 2: DAC (Department Assessment Committee) addresses the major goals of the department, on basis of which initial draft of the Vision and Mission statements are prepared.

Step 3: The statements are circulated among the faculty members, students, alumni and employers. Necessary modifications are made by incorporating the suggestions.

Step 4: The draft is presented in CAC (College Academic Committee) and DAC (Department Advisory Committee) meeting to check for consistency with institute's Vision and Mission and thereafter the finalized statements are documented.

Steps involved in drafting the Program Educational Objectives of the department:

Step 1: The Mission of the Department is taken as the basis for defining the PEOs.

Step 2: PAC addresses the changing needs of the industry and society in a set of discussions and prepared the first draft of the PEOs.

Step 3: Feedback of the stakeholders such as Students, Alumni and Employers are taken into account to make modification in the first suggested draft of the PEOs.

Step 4: The re-structured draft of the PEOs is thereafter discussed and reviewed among the faculty members in the Department Meeting.

Step 5: The PEOs are reviewed again by the DAC for consistency with the Mission of the Department and thereafter the finalized statements are documented.

1.4.1 The process involved in defining the Vision, Mission of the Department

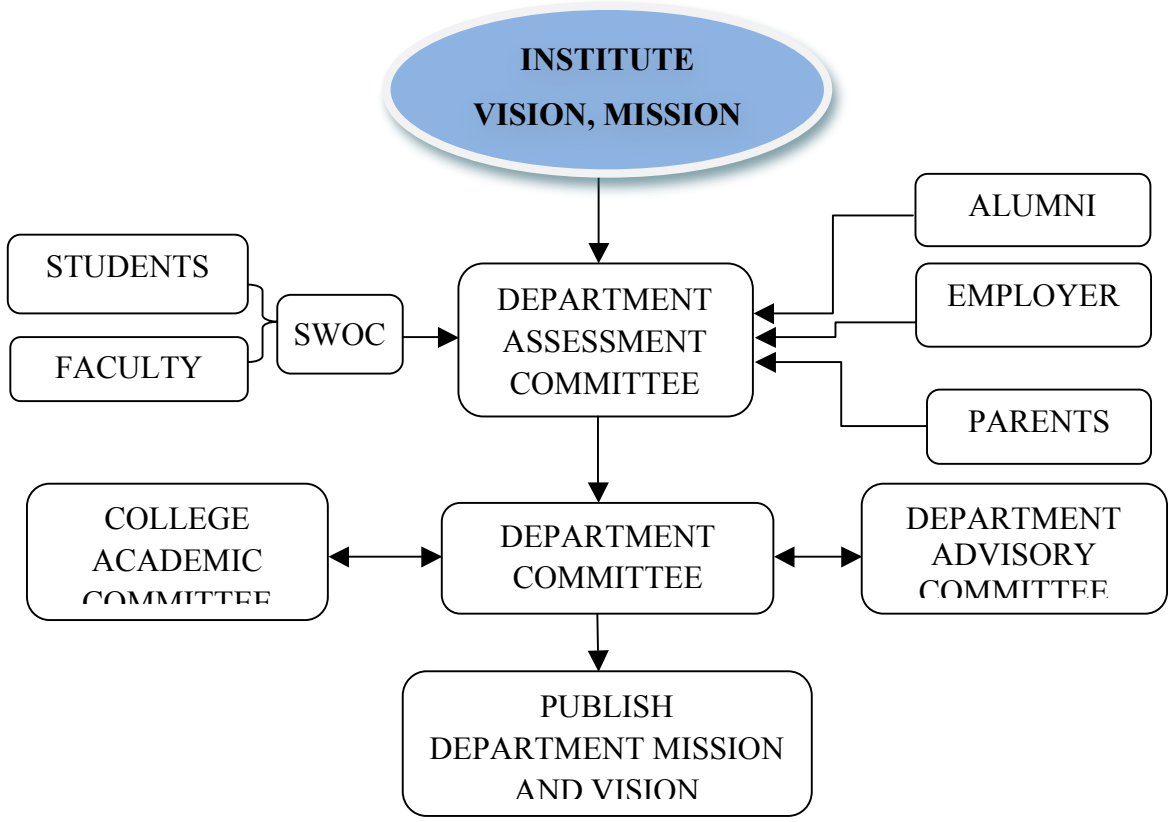


Fig C1.4.1 Flowchart representing the process for defining Department Mission, Vision

1.4.2 Description of process for defining the PEOs of the program

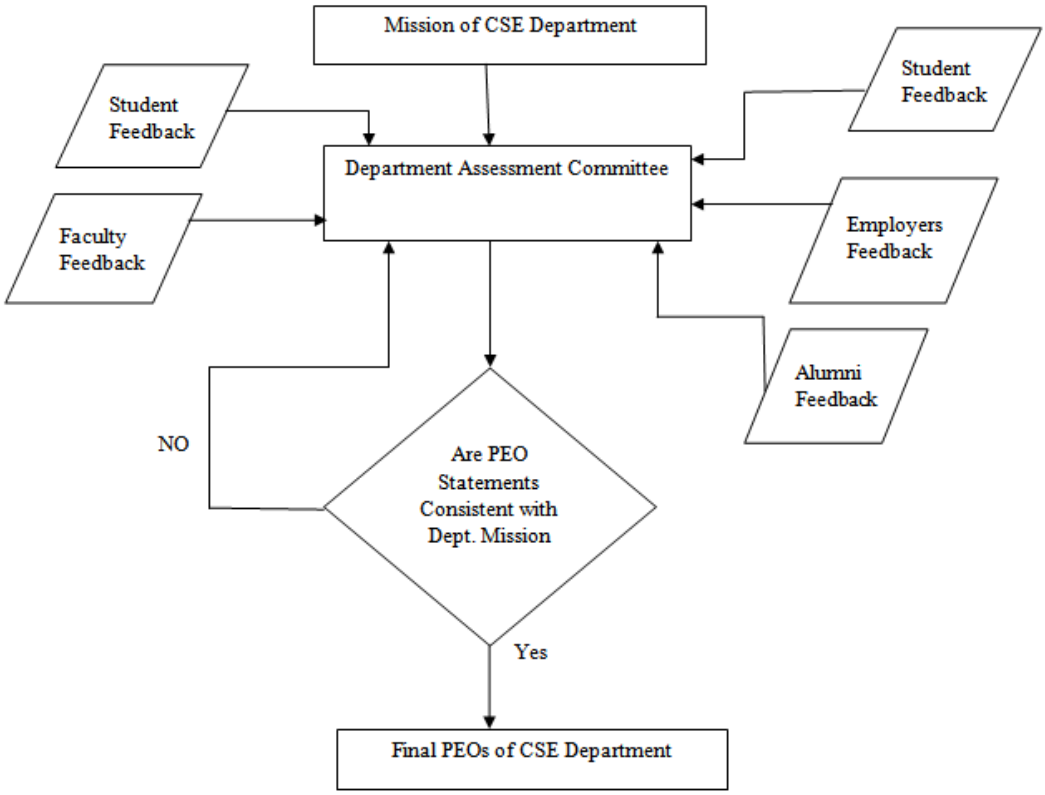


Fig C1.4.2 Flowchart representing the process for defining Department PEOs

1.5 Establish consistency of PEOs with mission of the department

1.5.1 Preparation of a matrix of PEOs and elements of Mission statement

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) If 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 \ DM	DM1	DM2	DM3
PEO1:	3	2	--
PEO2:	--	3	2
PEO3:	--	2	3
PEO4:	2	--	3

1.5.2 Consistency/justification of co-relation parameters of the above matrix

Program Educational Objectives

PEO1: Exhibit strong foundation in Mathematics, Science and Computer Engineering fundamentals to solve Engineering problems as per industry needs.
PEO2: Apply recent technological developments to contribute effectively for research activities.
PEO3: Inculcate multidisciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.
PEO4: Adapt technological advancements by continuous learning.

Mission of CSE Department

DM 1: To provide knowledge and skills required for industry.
DM2: To conduct training and activities with stake holder involvement
DM 3: To provide a learning ambience for enhancing innovation, professional and interpersonal skills

PEO#	DM1	DM2	DM3	Justification
PEO-1 Strong domain knowledge	3	2	-	DM1: Strongly supported by PEO1 as the ability to solve engineering problems as per industry needs DM2: Moderately support by PEO1 as it is not practically possible to satisfy industry needs without their involvement and training activities
PEO-2 Innovative thinking	-	3	2	DM2: Strongly support by PEO2 as the ability to solve engineering problems by innovations and problem solving skills DM3:Moderately support by PEO2 as without learning ambience it is difficult to perform research activities
PEO-3 Inter personnel skills and ethics	2		3	DM1:Moderately support by PEO3 as communication and ethics are part of industrial needs DM3: Strongly support by PEO3 as the professional and inter personnel skills achieved through the proper guidance of faculty
PEO-4 Lifelong learning	2	-	3	DM1: Moderately support byPEO4 as changes are needed in industry advanced technologies are required by using cutting edge tolls and technologies DM3: Strongly support by PEO3 as both are correlated each other

ACADEMIC YEAR 2017-18

2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

2.1. Program Curriculum (20)

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 Annexure I. Also mention the identified curricular gaps, if any (10)

(State the process details; also mention identified curricular gaps).

NOTE: *In case all PEOs are being demonstrably met through University Curriculum then 2.1.2 will not be applicable and the weightage of 2.1.1 will be 20.*

Sri Vasavi Institute of Engineering & Technology is affiliated to JNTUK & follows the curriculum framed by University.

University curriculum for B.Tech CSE:

1. Syllabus Table

I Year - I Semester

S. No.	Subjects	L	T	P	Credits
1-HS	English – I	4	--	--	3
2-BS	Mathematics - I	4	--	--	3
3-BS	Mathematics – II (Mathematical Methods)	4	--	--	3
4-BS	Applied Physics	4	--	--	3
5-PC	Computer Programming	4	--	--	3
6-ES	Engineering Drawing	4	--	--	3
7-HS	English - Communication Skills Lab - 1	--	--	3	2
8-BS	Applied / Engineering Physics Lab	--	--	3	2
9-ES	Applied / Engineering Physics – Virtual Labs	--	--	2	--
10-PC	Computer Programming Lab	--	--	3	2
	Total Credits				24

I Year - II Semester

S. No.	Subjects	L	T	P	Credits
1-HS	English – II	4	--	--	3
2-BS	Mathematics - III	4	--	--	3
3-BS	Applied Chemistry	4	--	--	3
4-PC	Object Oriented Programming through C++	4	--	--	3
5-HS	Environmental Studies	4	--	--	3
6-ES	Engineering Mechanics	4	--	--	3
7-BS	Applied / Engineering Chemistry Laboratory	--	--	3	2
8-HS	English - Communication Skills Lab – 2	--	--	3	2
9-PC	Object Oriented Programming Lab	--	--	3	2
	Total Credits				24

II Year - I Semester

S. No.	Subjects	L	T	P	Credits
1-BS	Statistics with R Programming	4	--	--	3
2-PC	Mathematical Foundations of Computer	4	--	--	3
3-ID	Digital Logic Design	4	--	--	3
4-PC	Python Programming	4	--	--	3
5-PC	Data Structures through C++	4	--	--	3
6-PC	Computer Graphics	4	--	--	3

7-PC	Data Structures through C++Lab	--	--	3	2
8-PC	Python Programming Lab	--	--	3	2
	Total Credits				22

II Year - II Semester

S. No.	Subjects	L	T	P	Credits
1-PC	Software Engineering	4	--	--	3
2-PC	Java Programming	4	--	--	3
3-PC	Advanced Data Structures	4	--	--	3
4-PC	Computer Organization	4	--	--	3
5-PC	Formal Languages and Automata Theory	4	--	--	3
6-PC	Principles of Programming Languages	4	--	--	3
7-PC	Advanced Data Structures Lab	--	--	3	2
8-PC	Java Programming Lab	--	--	3	2
	Total Credits				22

III Year - I Semester

S. No.	Subjects	L	T	P	Credits
1-PC	Compiler Design	4	-	-	3
2-PC	Data Communication	4	-	-	3
3-PC	Principles of Programming Languages	4	-	-	3
4-PC	Database Management Systems	4	-	-	3
5-PC	Operating Systems	4	-	-	3
6-PC	Compiler Design Lab	-	-	3	2
7-PC	Operating System Lab	-	-	3	2
8-PC	Database Management Systems Lab	-	-	3	2
9-ES	Linux Programming Lab	-	-	3	2
10-HS	IPR and Patents- 1	2	-	-	-
11-OT	Seminar	--	--	--	1
	Total Credits				24

III Year - II Semester

S. No.	Subjects	L	T	P	Credits
1-PC	Computer Networks	4	-	-	3
2-PC	Data Ware housing and Mining	4	--	-	3
3-PC	Design and Analysis of Algorithms	4	--	-	3
4-PC	Software Engineering	4	--	-	3
5-PC	Web Technologies	4		-	3
6-PC	Computer Networks Lab	--	--	3	2
7-PC	Software Engineering Lab	--	--	3	2
8-PC	Web Technologies Lab	--	--	3	2
9-OT	IPR and Patents- II	--	-	--	--
	Total Credits				21

IV Year - I Semester

S. No.	Subjects	L	T	P	Credits
1-PC	Cryptography and Network Security	4	--	--	3
2-PC	UML & Design Patterns	4	--	--	3
3-PC	Mobile Computing	4	--	--	3
4-PE	**Elective-I** i. Software Testing Methodologies ii. Simulation Modeling iii. Information Retrieval Systems iv. Artificial Intelligence v. Multimedia Computing vi. High Performance Computing	4	--	--	3

5-PE	**Elective-II**				
	i. Digital Forensics	4	--	--	3
	ii. Hadoop and Big Data				
	iii. Software Project Management				
	iv. Machine Learning				
	v. Advanced Data Bases				
6-PC	UML & Design Patterns Lab	--	--	3	2
7-PC	Mobile Application Development Lab	--	--	3	2
8-PC	Software Testing Lab	--	--	3	2
9-PC	Hadoop & BigData Lab	--	--	3	2
	Total Credits				23

IV Year - II Semester

S. No.	Subjects	L	T	P	Credits
1-PE	**Elective – III**	4	--	--	3
	i) Human Computer Interaction				
	ii) Advanced Operating Systems				
	iii) Mobile Adhoc & Sensor Networks				
	iv) Pattern Recognition				
	v) Digital Image Processing				
	vi).Micro processers and Multi Core Systems				
2- PE	**Elective-IV**	4	--	--	3
	i) Embedded and Real Time Systems				
	ii) Neural Networks & Soft Computing				
	iii) Social Networks and the Semantic Web				
	iv) Cloud Computing				
3-PC	Distributed Systems	4	--	--	3
4-HS	Management Science	4	--	--	3
5-OT	Project	--	--	--	9
	Total Credits				21

Total Course Credits = 48+44 + 45 + 44 = 181

Basic sciences(BS), Engineering Sciences(ES& Inter Disciplinary(ID)), Humanities(HS), Professional Core(PC), Professional Elective(PE), Open Elective(OE), , Project & Other(OT).

Category Wise PO's Mapped		
Category	**PO's Mapped**	**PSO'S Mapped**
Basic Sciences	PO1,PO2,PO3, PO5,PO6,PO7,PO9,PO12	PSO1,PSO3
Humanities	PO1,PO2,PO3,PO5,PO6,PO7,PO8,PO9, PO12	PSO2
Engineering Sciences & Inter displinary	PO1,PO2,PO3, PO5,PO6,PO7,PO9,PO12	PSO1,PSO3
Professional Core	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO12	PSO1,PSO3
Professional Elective	PO1,PO2,PO3,PO5,PO9,PO12	PSO1,PSO3
Open Elective	PO1,PO2,PO3,PO5,PO6	PSO1,PSO3
Project & Other(OT)	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12	PSO1,PSO2,PSO3

Category Wise Hours Distribution

Category	L.H	P	C
Basic Sciences	24	8	22
Humanities	16	6	16
Engineering Sciences & Inter displinary	23	6	19
Professional Core	92	45	99
Professional Elective	16	0	12
Open Elective	4	0	3
Project & Other(OT)	0	0	10

L.H: Lecture Hours
P:Practical Hours
C: Credits

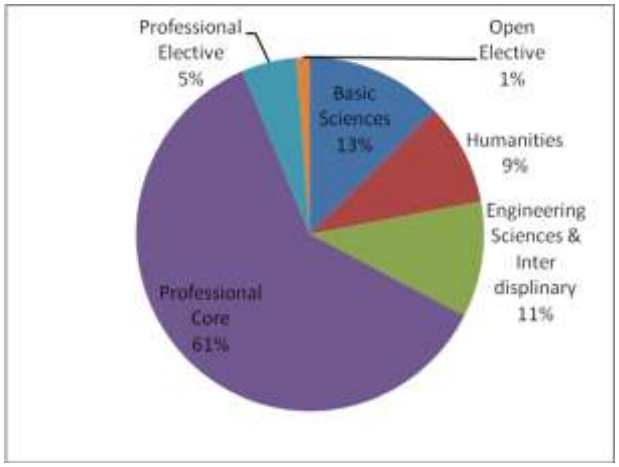


Fig 2.1.1.1 Category wise Lecture Hours %

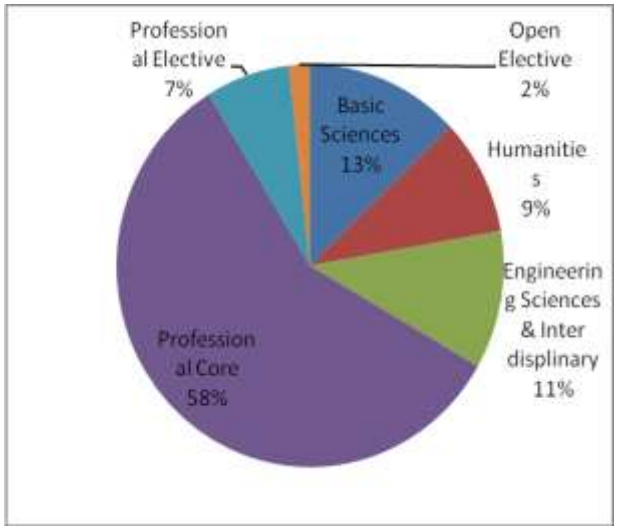


Fig 2.1.1.2 Category wise Credits %

List of co-curricular activities

Semester Wise Gaps Identified List
Academic Year::2017-18

I&II-Sem:

G1	Usage of IDLE's for creating an application	C214.1	PO5,PO9
G2	Introduction to Operator Overloading	C214.5	PO2
G3	Knowledge on Hamming code is required	C215.1	PO1,PO2,PO3
G4	Exposure of Practical Knowledge in the digital logic design at various levels is required	C215.2	PO1,PO2,PO3
G5	Implementing Stack Applications	C215.2	PO5,PO9
G6	Analyze Time complexity and Space complexity	C215.2	PO1
G7	Exposure of Practical knowledge in the digital logic design at various levels is required	C215.2	PO1,PO2,PO3
G8	Introduction to display devices	C216.1	PO1

G9	Install vc++ and include open G1 libraries for creating an application	C216.3	PO5
G10	Agile process model	C221.1	PO1
G11	Coding errors,control structure testing	C221.4	PO4
G12	Sub Routines	C224.2	PO3
G13	Storing a word in memory	C224.5	PO2
G14	Discussed about cellular telephone concepts	C312.1	PO1,PO3,PO5
G15	Discussed about TCP/IP protocol suite	C312.1	PO1,PO3,PO5
G16	Left recursive Grammar,Left factoring grammar, Compilation phases	C313.1	PO1
G17	PL/SQL Introduction	C314.5	PO5
G18	Introduction to Linux System	C315.3	PO5
G19	Introduction to Android OS	C315.6	PO12
G20	Analyze the theoretical basis of data communication	C321.3	PO2
G21	Implementing HTTP protocol	C321.6	PO5,PO12
G22	Explained OLAP techniques	C322.1	PO5
G23	Introducing Histogram concepts	C322.3	PO5
G24	Test case preparation	C324.5	PO5
G25	Usage of regular expressions for client side validations	C325.1	PO2,PO3
G26	Explained OLAP techniques	C332.1	PO5
G27	Introduction to Types of Relationships	C412.1	PO2
G28	Introduction to Guidelines,Principles,Theories	C412.1	PO2
G29	Install STAR UML for creating UML Diagrams for software Architecture	C412.2	PO5
G30	Install MS-DOS for Command Organisation functionality	C412.3	PO5
G31	Introduction to Types of Behavioral Patterns	C412.4	PO2
G32	Install MS-Excel Software for Visualization of Data in the form of Graphs	C412.6	PO5
G33	Handover management	C413.4	PO1
G34	MANET implementation	C413.6	PO3
G35	Working with selenium testing tool	C415.4	PO1,PO9
G36	Exporting and improving data to and from database	C415.6	PO3,PO12
G37	Introducing other distributed applications ex:CORBA	C423.1	PO1
G38	Introducing programming of sockets using JAVA	C423.2	PO5,PO12

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

(Provide details of the additional course/learning material/content/laboratory Experiments / projects etc., arising from the gaps identified in 2.1.1 in a tabular form in the format given below)

Action taken for gaps identified-semester wise:
CAY -2017-18 Sem-I&II

G1	Taken One Lecture Hour to cover PO5 to install pychram IDE and Netbeans IDE	21-06-17	Mr.K.Sundeep saradhi,Assistant Professor,LBRCE,Mya lavaram	78	PO5
G2	Lecture Hour Taken to improve PO2	8/9/2017	P.V .L.Narasimha Rao	82	PO2
G3	Given demonstartion on Hamming Code	13-08-17	Mrs.J.Jayalakshmi,Asst .Professor,VKR&VNB, Gudivada	85	PO2
G4	Given demonstration on digital Ics 74LS04,74LS32,74LS08 etc.	27/7/17	Mr.K.Rama Rao Assistant professor Andhra Loyola college Vijayawada	72	PO2
G5	Taken one hour lab to cover PO5 and PO9	30-07-17	M.Naga Raju	88	PO5,PO9
G6	Lecture Hour Taken to improve PO1	26-09-17	M.Naga Raju	43	PO1
G7	Given demonstartion on digital IC s 74LS04,74LS32,74LS08 etc	27-07-17	Mr.K.Rama Rao,Asst.Professor,An dhra Loyala college,Vijayawada	72	PO2
G8	Lecture hour taken to cover display devices	11/6/17	S.Ranga Swamy	43	PO1
G9	Taken one hour lab to install vc++ and OPEN GL	18-09-17	SK.Mohinddin, Asst.Professor,VVIT,G untur	88	PO5,PO9
G10	Taken one class to cover PO1	5/12/17	S.Anil kumar	88	PO3
G11	Taken two classes to cover PO4	31-08-18	D.Hemasindhu,Asst.Pr ofessor,GEC,Gudlavall eru	43	PO4
G12	Guest lecture	19-09-17	sk.Akbar ,PSCMR,Vijayawada	78	PO3
G13	Lecture Hour Taken to improve PO3	27-09-17	Md.Ahmed	58	PO2
G14	Take the special class on cellular telephone concepts	5/12/17	Mr.D.V.Sridhar,Assista nt professor	45	PO5
G15	Take the special class onTCP/IP protocol suite	18/12/17	Mr.K.Kishore,Assistant professor,URCE,Telapr olu	49	PO5

G16	Taken One hour lab to explain Grammars concept	18-09-17	J V N RAJU	88	PO1
G17	Expert lecture taken to demonstrate PL/SQL program	5/9/17	E.SureshBabu,DIET,Vijayawada	60	PO5
G18	Taken one hour lab to explain virtual memory concept	16-03-18	MD Ameer Raja	50	PO5
G19	Taken one hour class to explain about the basics of android os	22-03-18	B.Revathi,SVH College,Machilipatnam	55	PO12
G20	Lecture Hour Taken to improve PO1	30-07-18	T.Balaji,CET,Lankapalli	88	PO1
G21	Taken one hour lab to cover PO5 and PO9	26-09-18	T.Balaji,CET,Lankapalli	43	PO5,PO1 PO2
G22	Taken One hour lab to explain OLAP techniques	12/11/17	JVN RAJU	88	PO5
G23	Taken One hour lab to explain about the Histogram concept in the lab	13-02-18	JVN RAJU	79	PO5
G24	Guest Lecture taken to demonstrate test case writing	18-12-17	CH Hari Prasad Asst.Professor.VVIT	90	PO5
G25	Lecture hour taken to improve PO2,PO3 to perform client side validations using regular expressions in javascript	16-12-17	P.V.L.Narasimha Rao, Asst.Professor	89	PO2,PO3
G26	Taken One hour lab to explain OLAP techniques	12/11/17	JVN RAJU	88	PO5
G27	Lecture Hour Taken to improve PO2	17-12-17	Sk.Khaja Mohiddin Associate professor	43	PO2
G28	Lecture Hour Taken to improve PO2	23-01-18	S.Ranga Swamy	43	PO2
G29	Taken One hour lab to cover PO5	23-01-18	MD.Ahmed	88	PO5
G30	Taken One hour lab to cover PO5	26-02-18	S.Ranga Swamy	88	PO5
G31	Lecture Hour Taken to improve PO2	29-02-18	S.Ranga swamy	65	PO2
G32	Lecture Hour Taken to improve PO5	20-03-18	S.Ranga Swamy	65	PO5
G33	Lecture Hour Taken to improve PO1	10/7/17	P.Sirisha Asst.professor	80 %	PO1
G34	Lecture Hour Taken to improve PO3	12/9/17	P.Sirisha Asst.professor	80 %	PO3
G35	Guest Lecture on selenium testing tool	24-01-18	CH Hari Prasad Asst.Professor.VVIT	90	PO5
G36	Exporting and improving data to and from database using sqoop ecosysytem	26-03-18	Mr.T.Balaji, CET,Lankapalli	78.9	PO3,PO1 ,PO2
G37	Lecture Hour Taken to improve PO1	8/12/17	M.Naga Raju,SVH,Machilipatnam	78	PO1
G38	Taken One hour lab to cover PO5 and PO9	27-12-17	K.Naresh Kumar	65	PO5,PO1 ,PO2

Note: Please mention *in detail* whether the Institution has given such inputs and suggestions to the Affiliating University regarding curricular gaps and possible addition of new Content / add-on courses in the curriculum, to bridge the gap and to better attain program outcome(s).

List of Extra circular activities:

1. CRT
2. Student Association Events

Academic Year 2017-18

S.No	Event	Resource Person	Relevance to POs, PSOs
1	Conducted "LOGO HUNT",14-12-2018	On Campus	PO´S:6,7,8,9,10
2	Organized a Guest Lecture on "Block Chain Technology: The future of Cyber Security ", 30-11-2018	Dr. E. Suresh Babu, Asst. professor, NIT Warangal.	PO´S:1,2,3,5,9,11,12
3	Organized a 2 Day Hands-On Workshop on "Data Science with R Programming", from 24-08-2018 to 25-08-2018.	Mr. Mehadi, Brain O Vision solutions(India) pvt. ltd	PO´S:1,2,3,4,5,9,11,12
4	Conducted "Emerging Technologies ", 10-07-2018	On Campus	PO´S:6,7,8,9,10
5	Conducted "Project Expo",15-03-2018	On Campus	PO´S:6,7,8,9,10,11
6	Conducted "Women's day ",08-03-2018	On Campus	PO´S:6,7,8,9,10
7	Conducted "Hack with Hint ",06-03-2018	On Campus	PO´S:1,2,6,7,8,9,10
8	Conducted "Technical Jam ",01-03-2018	On Campus	PO´S:1,2,6,7,8,9,10
9	Conducted "Paper presentation ",27-02-2018	On Campus	PO´S:1,2,6,7,8,9,10
10	Conducted "Tech Geeks ",09-02-2018	On Campus	PO´S:1,2,6,7,8,9,10
11	Conducted "Code hunt competition ",28-12-2017	On Campus	PO´S:1,2,5,9,10
12	Conducted "Innovation for Digitalization of India (poster)", 08-12-2017	On Campus	PO´S:1,2,6,7,8,9,10
13	Conducted "Quiz Master",23-09-2017	On Campus	PO´S:6,7,8,9,10
14	Organized a 3 Day Hands-On Workshop on "ANDROID Application Development", from 31-08-2017 to 02-09- 2017.	Mr. U.Venkatesh, R.Rami Reddy & T.Muneiah APPSSDC	PO´S:1,2,3,4,5,9,11,12
15	Organized a 3 Day Hands-On Workshop on "INTERNET OF THINGS AND ITS APPLICATIONS" from 01-08-2017 to 03-08-2017 .	Mr.Ahmed Nazeer A, Mr. Kranthi Kumar & Mr. Siva Ram Krishna from Smart Bridge	PO´S:1,2,3,4,5,9,11,12

		Educational Services Pvt Ltd, Hyderbad	
16	Conducted "Project expo",08-03-2017	On Campus	PO's:6,7,8,9,10,11
17	Conducted "Code hunt competition", 23-02-2017	On Campus	PO's:6,7,8,9,10
18	Organized Guest Lecture on "Internet of Things", 03-02-2017.	Mr. Surabhi Bhavani Sankar, Director R&D, Efftronics Ltd., Vijayawada	PO's:1,2,3,4,5,9,11,12
19	Conducted "Paper presentation", 08-02-2017 & 09-02-2017	On Campus	PO's:1,2,6,7,8,9,10
20	Conducted "Technology Evolution in India",25-01-2017	On Campus	PO's:1,2,6,7,8,9,10

Dept Association & IIIC & NSS EVENTS: Academic Year 2017-18

S.No	Name Of the Event	Relevance to po's
1	Elocution	PO6,PO7,PO8,PO9,PO10,PO11,PO12
2	Debate	PO2,PO8,PO9,PO10
3	Essay Writing	PO7,PO8,PO9,PO10,PO12
4	Quiz	PO6,PO8
5	Seminar	PO5,PO8,PO9,PO10
6	Engineers day	PO6,PO9,PO10
7	Farewell day	PO6,PO9,PO10
8	Teachers Day	PO6,PO9,PO10
9	Youth Day	PO6,PO9,PO10
10	Freshers Day	PO6,PO9,PO10
11	Guest Lectures	PO2,PO3,PO12
12	Workshops	PO3,PO5PO6,PO9
13	Hackthons	PO8,PO9,PO12
14	Internships	PO5,PO8,PO9,PO10,PO11,PO12
15	Entrepreneurship	PO8,PO9,PO10,PO11,PO12
16	International yoga day	PO6,PO9,PO10
17	Distribution of Clothes and slates to poor children	PO6,PO9,PO10,PO11,PO12
18	Anti plastic rally	PO6,PO7,PO9,PO10
19	Blood donation camp	PO6,PO8,PO9,PO12
20	Vanam-manam	PO6,PO7,PO9,PO10,PO12
21	International literacy day	PO6,PO8,PO9,PO10
22	Eco ganesh idols distributed ganesh chaturthi	PO6,PO7,PO9,PO10
23	Swachhbharath	PO6,PO8,PO9,PO10
24	End polio rally	PO6,PO9,PO10,PO12
25	World AIDS day	PO6,PO8,PO9,PO12
26	Distribution of fruits to	PO6,PO9,PO11,PO12

	elders	

Professional Events:

S.No	Name Of the Event	Relevance to po's
1	Paper	PO4,PO6,PO7,PO9,PO10,PO12
2	Poster	PO4,PO6,PO7,PO9,PO10,PO12
3	Project Expo	PO2,PO4,PO6,PO7,PO9,PO10,PO12
4	Workshops	PO3,PO5,PO6,PO9
5	Guest Lecture	PO2,PO3,PO12
6	Seminars	PO2,PO3,PO12
7	Quiz	PO9,PO12

R&D Events:

S.No	Name of the event	Relevance to po's
1.	Workshop on research methodology	PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO11, PO12
2.	Seminar on IPR	PO1,PO8,PO3,PO6,PO12
3.	Training on Anti plagiarism software	PO3,PO5,PO11
4.	Workshop on How to file a PATENT Patent	PO3,PO4,PO5,PO6,PO8,PO9,PO11,PO12
5	Seminar on Trademarks,Designs,GIs	PO1,PO8,PO3,PO6,PO12

Cultural Events:

S.No	Name of the event	Relevance to po's
1	Art exihibition	PO7,PO8,PO9,PO10,PO12
2	Dance compitition	PO7,PO9,PO10
3	Singing compitition	PO8,PO9,PO10
4	Poster presentation	PO10
5	Skit compitition	PO6,PO7,PO8,PO9,PO10,PO12
6	mimicry	PO7,PO10
7	Mono Action	PO8,PO10
8	litatrary compitition	PO6,PO7,PO8,PO9,PO10,PO12

TP&CG Events:

S.No	Name of the event	Relevance to po's
1	TRAINING	PO8, PO9 ,PO10, PO12
2	PLACEMENT	PO8, PO9 ,PO10, PO12
3	CAREER GUIDANCE	PO8, PO9 ,PO10, PO12

Add-on Courses List:

1	Python Programming	PO1,PO2,PO3,PO5,PO12
2	Apitude & Reasoning	PO1,PO2,PO3,PO6
3	Softskills-I	PO1,PO8,PO10,PO12
4	Softskills-II	PO1,PO8,PO9,PO10,PO12
5	Verbal Communication	PO6,PO8,PO9,PO10,PO12

2.2. Teaching - Learning Processes (100)

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

(Processes may include adherence to academic calendar and improving instruction methods using pedagogical initiatives such as real world examples, collaborative learning, quality of laboratory experience with regard to conducting experiments, recording observations, analysis of data etc. encouraging bright students, assisting weak students etc. The implementation details and impact analysis need to be documented)

2.2.1.1 Academic calendar:

As per University Academic calendar, time table and course file of teacher are designed. All dates match with the academic calendar of the university announced every semester. So far there have been no circumstances where date gaps have been identified and the institution perfectly managing its own affairs in accordance with academic calendar of the university.

According to the present scenario of teaching and learning process, modern techniques are adopted in our institution for the upliftment of the students' performance and for the achievement of good results.

JNTUK Academic calendar for the Academic Year 2017-18 is shown below:

Grams: "TECHNOLOGY"
Email: dapjntuk@gmail.com

Phone: 0884-2300971
Mobile: +9177790000

Directorate of Academic & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/ B.Tech/B.Pharm -II Year/2017-18 Date: 07-06-2017

Dr. Ch. Satyanarayana
M.Tech, Ph.D.,
Director, Academic & Planning

To
The Principals of All Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR
B.TECH/ B.PHARM II YEAR
2016 BATCH

B.TECH/ B.PHARM II YEAR I Semester			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	**12-06-2017**		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
Commencement of Class Work	**20-11-2017**		
B.TECH/ B.PHARM II YEAR II Semester			
Commencement of Class Work	**20-11-2017**		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
Commence of Class work	**11-06-2018**		

Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor
Copy to the Rector
Copy to the Registrar
Copy to the Director of Evaluation
Copy to the Controller of Examination (UG)

ACADEMIC PROCESS CALANDER

Department / Program: CSE/B.TECH **Year: 2017-2018**

S.No	Event	Tentative Month, Day
1	National Workshop	Once in Semester
2	Visitors	Last Saturday of every month
3	Attendance display	every month
4	Marks	3rd day of after completion of mid exams
5	Course handouts	Every 15 days
6	Lab manuals	Before starting of semester
7	Industrial visits	After I mid in each semester
8	Industrial training	During summer vacation
9	Mini projects	During technical symposium
10	Guest lectures	Starting of every semester
11	Wall papers	During technical symposium
12	Student paper presentation	During technical symposium
13	Counseling	Every month
14	Parents meeting	Once in a semester
15	Audio visuals	As & when required
16	Staff orientation lectures	As & when required
17	FIP, Workshop, Conferences	Once in year
18	Students feedback`	Before every mid exam
19	Independence day	August 15
20	Engineers day	September 15
21	Republic day	January 26
22	Freshers day	One week after commencement of 1st year class work
23	Sports day	March 2nd week
24	Annual day	April 1st week
25	Technical symposium	March
26	Yoga & meditation	Every Tuesday
27	NBA&NACC files-follow up	Regularly
28	NSS activities	
	1.Old cloths donation	Not planned
	2. Blood camp	Once in Semester
	3. medical camp	Every Friday and Saturday
	4. Orphan home visit	Once in semester
	5. adults computer training	Once in semester
	6. Anti ragging spree	1st month after commencement of 1st year class work
	7. 5k/10k run	Once in year
	8. model eamcet	Once in year
29	ISTE Activities	
	1. Staff seminar	Twice in month
	2. Global warming	Once in semester
	3. FDP	Once in semester
30	Staff Picnic	November
31	JKC	Throughout academic year

32	College magazine	Every semester
33	Assignment exams	Every 2 weeks
34	Mid exams	Twice in semester
35	CSI Meet	Once in semester
36	CRT classes	Two days in a week
37	Dept. association activity	Every Friday

2.2.1.2 Teaching methods:

1. Chalk &Talk
2. PPT
3. Co-Operative Learning
4. Inquiry Based Instruction
5. Differentiation
6. Technology
7. Virtual Lab
8. Nptel Videos
9. Seminars
10. Brain Storming
11. Buzz Group
12. Animated Lectures
13. Pictorial Sessions
14. Debate Session
15. Quiz
16. OHP
17. Self Learning

The following methods are some of the appropriate and efficient methodologies according to the characteristic of the learner

SNo	Teaching Aid / Methodology	Number of Courses
1	Chalk &Talk	31
2	PPT	25
3	Co-Operative Learning	6
4	Inquiry Based Instruction	15
5	Differentiation	19
6	Technology	7
7	Virtual Lab	1
8	Nptel Videos	23
9	Seminars	27
10	Brain Storming	2
11	Buzz Group	4
12	Animated Lectures	7
13	Pictorial Sessions	8
14	Debate Session	17

15	Quiz	27
16	OHP	1
17	Self Learning	10

Average Text Books referred per Course	2.48
Average Reference Books referred per Course	2.45
Average Additional referred per Course	1
Average Web references used per Course	14.2

2.2.1.3. <u>Encouraging bright students</u>

1. Practicing NET (or) GATE questions
2. Creating interest towards new technologies
3. Preparing for competitions
4. Suggest to read some advanced text books
5. Give information about new trends in the market
6. Providing additional Training for gaining employability

S.NO	Description
1	Training Conducted for INFOSYS drive
2	Training Conducted for RISING STAR MOBILES Drive
3	Training Conducted for BIZTIME Drive
4	Training Conducted for EDUREKHA Drive
5	Training Conducted for APPS ASSOCIATES off campus drive
6	Training Conducted for WEBNOO drive
7	Training Conducted for MAPLE drive
8	Training Conducted for ELEATION drive
9	CO CUBES PRE-ASSES ONLINE Assessment test-1
10	AMCAT -ASSES ONLINE Assessment test-2
11	CO CUBES PRE-ASSES ONLINE Assessment test-2

<u>Assisting weak students</u>

1. Identifying where they are weak
2. Teach the subjects knowledge what they are actually needed
3. Providing remedial classes
4. Preparing previous university question papers
5. mentor periodically and counseling them

SL.NO	**NAME OF THE STUDENT**	**REG.NO**	**Internal-1 status**	**Internal-2 status**	**University Exam status**

2.2.1.4. Quality of Class Room Teaching

1. Individual Mentors are allocated to monitor the class room randomly.
2. Faculty must have knowledge on the concepts in the course.
3. Faculty should plan activities to improve the student's interest on the subject like quiz, debate & seminar.
4. Faculty should interact with the students to know their behavior in the class room.
5. Making students acquire high quality knowledge content in the curriculum.
6. Continuous monitoring of students performances in descriptive and assignments.
7. Making students to refer more number of Text Books per Subject.
8. Encouraging the students to participate in the Workshops/Conferences/Seminars.
9. Creating a platform for students to improve their Soft Skills & Communication skills by organizing Technical Events.
10. Conducting active based learning methodologies (One Minute Paper , JIGSAW , Think-Pair-Share)

2.2.1.5. Experiment

1. Enter with neat dress code.
2. Before entering the lab student must sign in the log-in register.
3. Student must enter with proper record, observation and prepare well about the experiment
4. Must explain the experiment procedure to conduct the experiment (viva-voce)
5. Those who explained clearly about the procedure are allowed to do the experiment
6. faculty instruct the viva-voce cleared students, to do the experiment
7. report to the instructor if you find experiment that is out of order or you break something
8. The technician take care of students while doing experiments on high voltages and large machines
9. Evaluation of the student will be taken after experiment conducted
10. Students must submit record in the next lab hours
11. Leave your work area clean and in good order before leaving the lab

Sample CO_PO Mapping for DBMS LAB:

Experiment Title	**COs**	**PO/PSO**
Write a program to create DBMS Users	C314.1	PO1,PO2,PO3
Queries using operators in SQL	C314.3	PO1,PO2,PO3,PO5
Queries to Retrieve and Change Data: Select, Insert, Delete, and Update	C314.3	PO1,PO2,PO3,PO5
Queries using Group By, Order By, and Having Clauses	C314.3	PO1,PO2,PO3,PO5
Queries on Controlling Data: Commit, Rollback, and Save point	C314.5	PO1,PO2,PO3
Queries to Build Report in SQL *PLUS		
Queries for Creating, Dropping, and Altering Tables, Views, and Constraints	C314.4, C314.3	PO1,PO2,PO3,PO5
Queries on Joins and Correlated Sub-Queries	C314.2	PO1,PO2,PO3
Queries on Working with Index, Sequence, Synonym, Controlling Access, and Locking Rows for Update, Creating Password and Security features	C314.6	PO1,PO2,PO3,PO5

2.2.1.6. Continuous assessment in labs:

1. We divide the students in each section into two sessions. Each session consists of 30 students. Those 30 students are divided into different batches based on no. of experiments to be conducted in the lab.
2. We allow the students to conduct an experiment if he/she has a complete dress code.
3. Every student should sign in the log register before entering into the lab.
4. Each student is given the list of experiments at the beginning of semester so that everyone will have an idea of the experiment they are going to conduct in the lab slot.
5. The records for the previous job and observations for the particular experiment is corrected by the concerned staff in the lab and record marks are evaluated.

6. We distribute the marks for daily assessment as 5 marks for job,5 marks for viva and 5 marks for record.
7. Viva is asked based on the current experiment he/she had done in the particle lab slot.
8. If student is unable to answer, then the concerned staff /technician will explain the students and clarify each and every doubt.
9. This process is repeated for all experiments and for all students of two sessions.
10. After the end of all experiments, the average of day-to-day assessment is done.
11. Finally at the end of semester, internal exam will be conducted for 10M (aim+procedure+job+Precautions+result)and for a total of 25M(10+15),marks for each student is evaluated
12. External exam is also conducted for 50M.(Scheme of evaluation depends on particular faculty

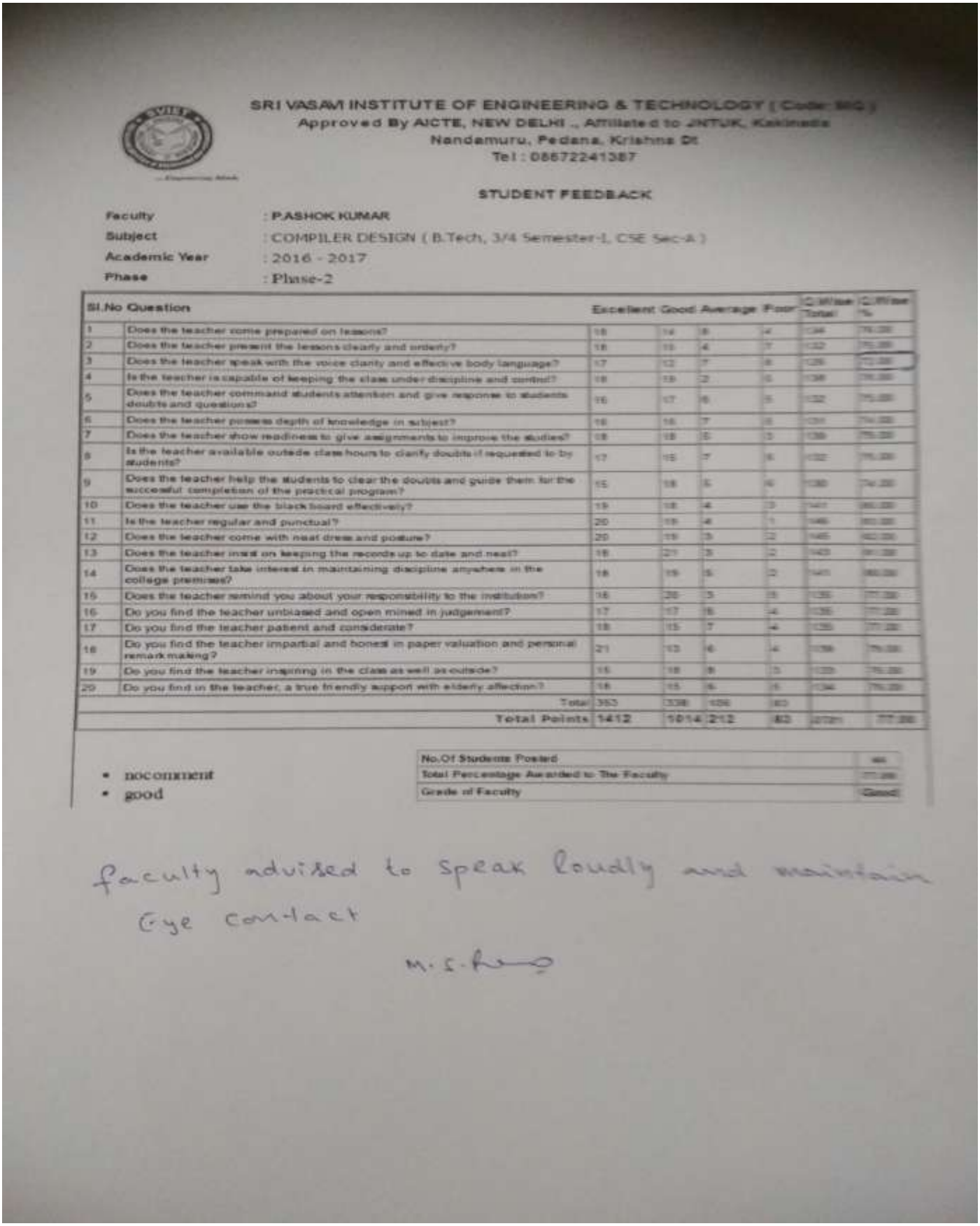
Parameters	Allocated Marks	High	Medium	Low
Conduction	5	Given circuit rigged up, got output/Program executed with output.	Given circuit rigged up with partial output/Given program was partially executed in	Given circuit not rigged up/Given program was not executed in the lab session.
		5 Marks	4 Mark	0 Mark
Viva Voce	5	Student answered all the viva voce questions	Student Answered only a few viva voce questions	Student did not answer any viva voce question
		5 Marks	3 Mark	0 Mark
Record writing	5	completed record was submitted	Record was submitted but	Record was not submitted in the lab
		4 - 5 Marks	1 - 3 Marks	0 Mark

Table: lists the rubrics for assessment in Internal Lab Examination.

Parameters	Allocated Marks	High	Medium	Low
Write up	4	Student was able to design and draw the circuit diagram with expected output/Program/algorithm written correctly.	Student was able to draw the circuit diagram but does not design/program partially known.	Student was unable to draw circuit diagram/program/ algorithm not known.
		3 - 4 Marks	1 - 2 Marks	0 Mark
Execution	4	Student was able to conduct the given experiment with output.	Student was partially able to conduct the given experiment.	Student was not able to conduct given experiment.
		3 - 4 Marks	1 - 2 Marks	0 Mark
Viva Voce	2	Student answered all the questions.	Student answered only few question	Student did not answer any question
		2 Marks	1 Mark	0 Mark

2.2.1.7. <u>Feedback action taken</u>

1. Rescheduling Remedial Classes for weak students.
2. For better performance of students lab experiments will be conducted again.
3. Teaching methodologies must be improved for particular subjects.
4. Provision of additional Course materials for selected topics.
5. To Arrange Industrial Visit to gain Practical Knowledge.
6. Planning of Workshops/Seminars for students in the department



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (Code: 33G)
Approved By AICTE, NEW DELHI ., Affiliated to JNTUK, Kakinada
Nandamuru, Pedana, Krishna Dt
Tel : 08672241387

STUDENT FEEDBACK

Faculty : P.ASHOK KUMAR
Subject : COMPILER DESIGN (B.Tech, 3/4 Semester-I, CSE Sec-A)
Academic Year : 2016 - 2017
Phase : Phase-2

Sl.No	Question	Excellent	Good	Average	Poor	Q.Wise Total	Q.Wise %
1	Does the teacher come prepared on lessons?	18	14	8	4		
2	Does the teacher present the lessons clearly and orderly?	18	15	4	7		
3	Does the teacher speak with the voice clarity and effective body language?	17	12	7	8		
4	Is the teacher is capable of keeping the class under discipline and control?	18	19	2	1		
5	Does the teacher command students attention and give response to students doubts and questions?	16	17	6	3		
6	Does the teacher possess depth of knowledge in subject?	18	16	7	1		
7	Does the teacher show readiness to give assignments to improve the studies?	18	18	5	3		
8	Is the teacher available outside class hours to clarify doubts if requested to by students?	17	15	7	3		
9	Does the teacher help the students to clear the doubts and guide them for the succesful completion of the practical program?	15	18	5	4		
10	Does the teacher use the black board effectively?	19	18	4	3		
11	Is the teacher regular and punctual?	20	19	4	1		
12	Does the teacher come with neat dress and posture?	20	19	5	2		
13	Does the teacher insist on keeping the records up to date and neat?	18	21	5	2		
14	Does the teacher take interest in maintaining discipline anywhere in the college premises?	18	19	5	2		
15	Does the teacher remind you about your responsibility to the institution?	18	20	5	3		
16	Do you find the teacher unbiased and open mined in judgement?	17	17	6	4		
17	Do you find the teacher patient and considerate?	18	15	7	4		
18	Do you find the teacher impartial and honest in paper valuation and personal remark making?	21	13	6	4		
19	Do you find the teacher inspiring in the class as well as outside?	16	18	6	3		
20	Do you find in the teacher, a true friendly appori with elderly affection?	18	15	6	3		
	Total	363	338	106	60		
	Total Points	1412	1014	212	60		

- nocomment
- good

No.Of Students Posted	80
Total Percentage Awarded to The Faculty	
Grade of Faculty	Good

faculty advised to speak loudly and maintain Eye contact

M.S.Rao

Sample Student Feedback Analysis

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

(Mention the initiatives, implementation details and analysis of learning levels related to quality of semester question papers, assignments and evaluation)

Internal Assessment Test:

The institute conducts two internal assessment tests after completing 8th week and 16th week respectively. Each test covers half of the syllabus. The tests are conducted for a maximum of 30 marks. (No minimum marks criteria from the university). The duration of the test is one and half hour and question paper is set to make the student to learn time management. Program Coordinator along with test coordinator is responsible for the conduction of the test. The department has a Scrutinizing Committee, comprising of HoD and two senior faculty members to check the quality of the question paper, RBT levels and COs compliance.

Process for Internal Assessment Test Question Paper Setting:

- The course co-coordinator sets the question paper for the Internal Assessment.
- The course co-coordinator ensures to frame questions based on various RBT levels and is mapped to the Course Outcomes (COs) to assess the students at various RBT levels.

Procedure for Conduction and Evaluation of Internal Assessment Test:

The time table for the Internal Assessment Test will be conducted as per academic calendar and the dates are announced and kept in the notice board 15 days prior to the commencement of the test.

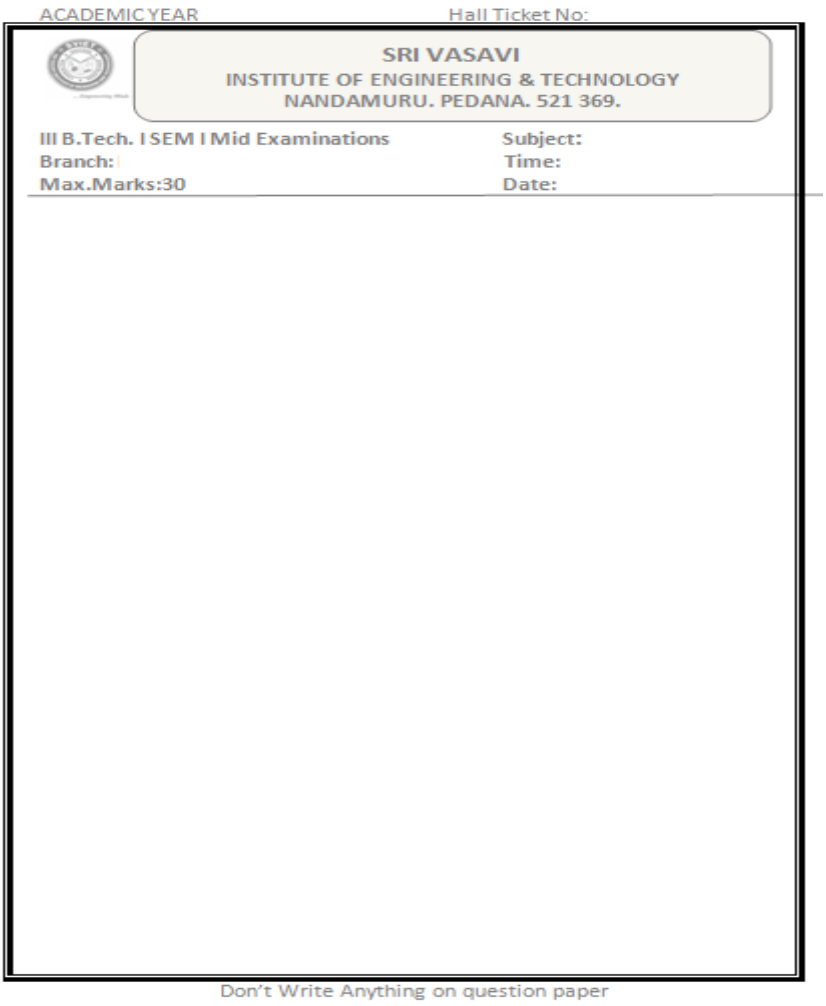
Question Papers:

For each subjects, question bank is prepared. While setting the question paper all previous university exam papers are taken into consideration. According to level of toughness the questions are prepared (viz., analyzing the problems, implementation of modern tools, formulating the problems etc), which is termed as Bloom's Taxonomy.

The questions will be of three categories:

- One third of the questions is straight and can be answered by all students.
- One third of the questions need analysis and use of content covered as per syllabus.
- Remaining one third of the questions are not straight. Certain amount of thinking, analysis and mathematical knowledge are required to resolve.

A question paper template is shown in the following figure


ACADEMIC YEAR Hall Ticket No:

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU. PEDANA. 521 369.

III B.Tech. I SEM I Mid Examinations Subject:
Branch: Time:
Max.Marks:30 Date:

Don't Write Anything on question paper

Assignments:

- Assignment issue and submission dates are announced by the respective faculty members. Assignment questions are prepared using Bloom's Taxonomy process.
- Surprise tests, quizzes, video links are provided.
- In order to bridge the gap in curriculum, bright students are given some assignment beyond syllabus.
- Assignments are evaluated and feedback is given to the students to improve their learning and appreciate their efforts

Evaluation:

The faculties after every internal assessment test, they explain the solution of the questions in the class which will enable them to perform well in the final examination.

For any genuine reasons, if a student was unable to perform well in the given two internal assessment tests, improvement test is given to him/her.

For R-16 regulation, 80% of the marks are considered from one of the internal and 20% of the marks are considered from the other internal exam and for R-13 regulation out of two internal exams one best internal is considered. If a candidate remains absent for all the tests conducted, the Internal assessment marks are

marked as “Absent” in the result. Assignments are used as a tool for practice and evaluation is based purely on Internal Assessment Test

- **Sample internal Examination Question paper with analysis**

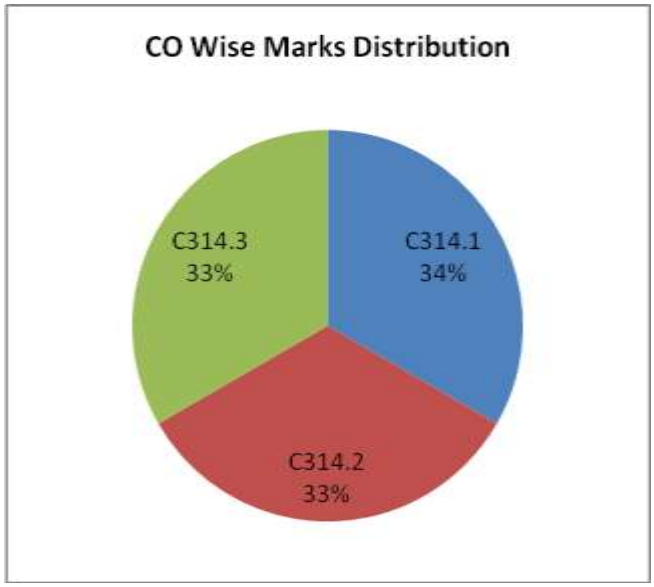
Name of the Course: Database Management Systems Academic Year: 2017 – 18
Name of the Faculty: Mr. M. Srinivasa Rao Year & Semester: III Year I
Course Code: C314 Branch & section: CSE-A&B

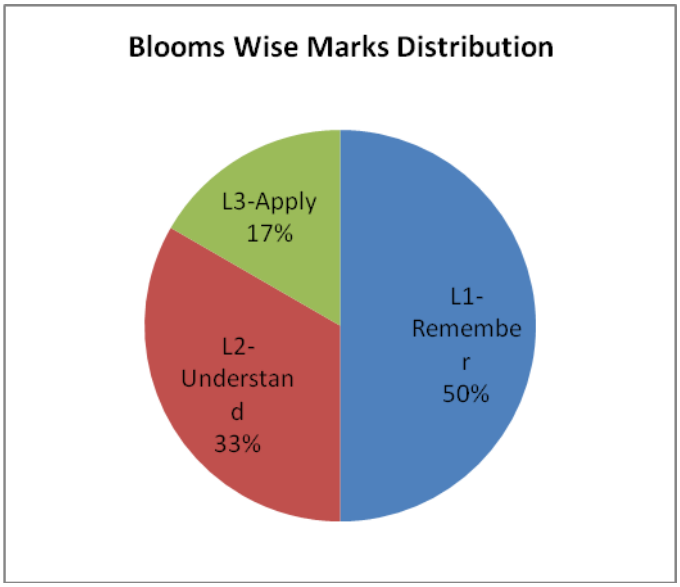
I- Internal Examination Paper Quality Analysis

Q.No	Question	Marks	CO	TL	PI
1.a	Explain three layer structure of DBMS	5	C314.1	Understand	2.5.2
1.b	Write the advantage of DBMS over traditional file system	5	C341.1	Understand	2.5.2
2.a	What are different notations used in E-R diagram	5	C314.2	Remember	1.6.1
2.b	How the generalization is represented using E-R diagram	5	C314.2	Apply	2.8.1
3.a	Define Relation, Views, Data Independence, Instance, Schema	10	C314.3	Remember	1.6.1

CO	Marks	%
C314.1	10	33.3
C314.2	10	33.3
C314.3	10	33.3

TL	Marks	%
L1-Remember	15	50.00
L2-Understand	10	33.33
L3-Apply	5	16.67
L4-Analyze	0	0.00
L5-Evaluate	0	0.00
L6-Create	0	0.00





Name of the Course**:** Database Management Systems Academic Year : 2017 – 18
Name of the Faculty: Mr.M.Srinivasa rao Year & Semester : III Year I

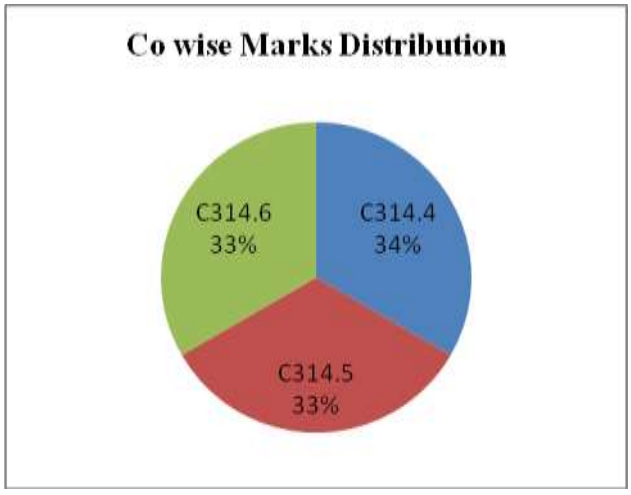
Course Code: C314 Branch & section : CSE-A&B

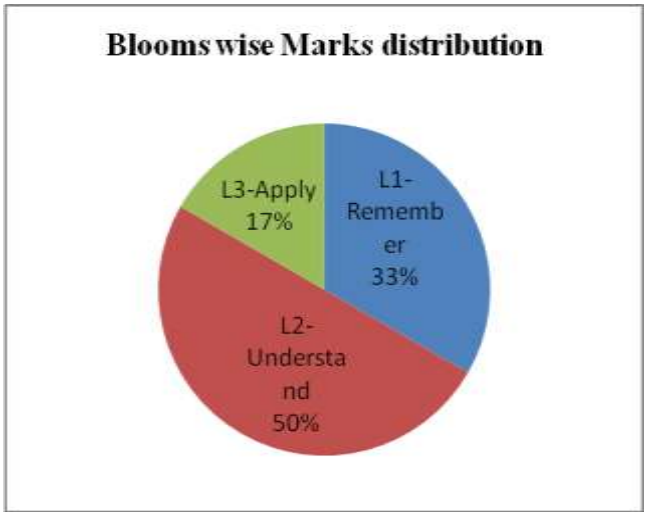
II- Internal Examination Paper Quality Analysis

Q.No	Question	Marks	CO	TL	PI
1.a	Define normalization? Write about insertion, deletion and updating anomolies?	5	C314.4	Remember	1.6.1
1.b	Explain 3NF with an example	5	C314.4	Understand	2.5.2
2.a	Define transaction management? Explain ACID properties?	5	C314.5	Remember	1.6.1
2.b	Explain 2PL protocol	5	C314.5	Understand	2.5.2
3.a	Explain extended hashing technique with an example?	5	C314.6	Understand	2.5.2
3.b	Construct B+ tree for the following elements (order 4) 1 7 5 3 9 12 8 13 11 4 6 2 10	5	C314.6	Apply	2.8.1

CO	Marks	%
C314.4	10	33.3
C314.5	10	33.3
C314.6	10	33.3

Taxonomy Level	Marks	%
L1-Remember	10	33.3
L2-Understand	15	50
L3-Apply	5	16.7
L4-Analyze	0	0.00
L5-Evaluate	0	0.00
L6-Create	0	0.00





- **Sample Assignment paper with analysis**

Name of the Course**: DBMS** Academic Year: 2017 – 18

Name of the Faculty: Mr. M.Srinivasa Rao Year & Semester: III Year I

Sem Course Code: C314 Branch & section: CSE-A & B

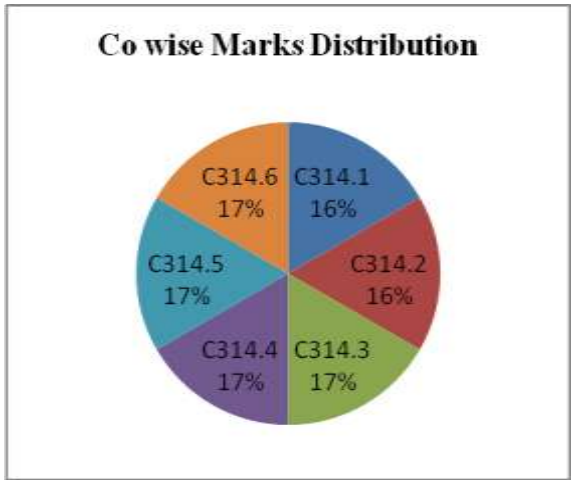
Assignment Paper Quality Analysis

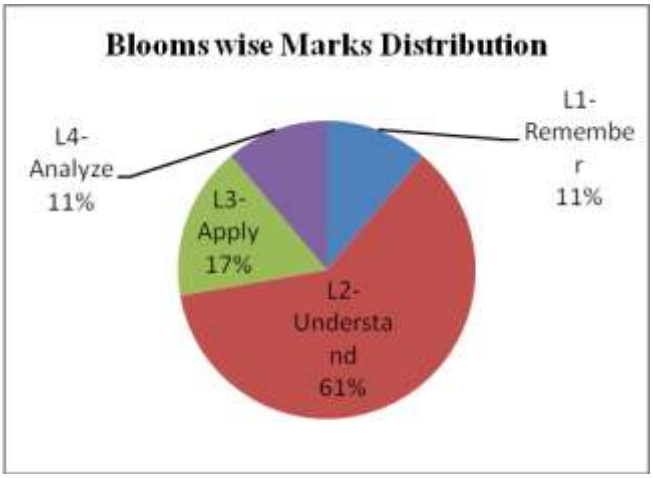
S.No	Question	Marks	CO	TL	PI
Assignment-1	1. Why would choose a database system instead of simply storing data in operating system files?	5	C314.1	Understand	2.5.2
	2. What are the five major functions of	5	C314.1	Understand	2.5.2

	a database administrator?				
	3. Explain the three levels of data abstraction	5	C314.1	Understand	2.5.2
Assignment-2	1. Draw the E-R diagram for student and department schema	5	C314.2	Apply	1.6.1
	2. Explain Relational Algebra with an example	5	C314.2	Understand	1.6.1
	3. Explain Relational Calculus with an example	5	C314.2	Understand	1.6.1
Assignment-3	1. Write the query to find top 2 mark of the student	5	C314.3	Apply	1.6.1
	2. Write a query to find the maximum mark in each department	5	C314.3	Apply	1.6.1
	3. List out aggregate operators	5	C314.3	Remember	1.6.1
Assignment-4	1. What are the advantages of normalized relations over the un normalized relations	5	C314.4	Remember	1.6.1
	2. How does BCNF differ from 3NF?	5	C314.4	Analyze	1.6.1
	3. Explain 4 NF with an example	5	C314.4	Understand	1.6.1
Assignment-5	1. Explain transaction management properties	5	C314.5	Understand	1.6.1
	2. Describe Serializability?	5	C314.5	Understand	1.6.1
	3. Write short note on transaction log?	5	C314.5	Understand	1.6.1
Assignment-6	1. Explain the need of indexing mechanism?	5	C314.6	Understand	1.6.1
	2. Differentiate clustered and un-clustered index	5	C314.6	Analyze	1.6.1
	3. Explain B+ tree Construction with an example	5	C314.6	Understand	1.6.1

CO	Marks	%
C314.1	15	16.7
C314.2	15	16.7
C314.3	15	16.7
C314.4	15	16.7
C314.5	15	16.7
C314.6	15	16.7

Taxonomy Level	Marks	%
L1-Remember	10	8.3
L2-Understand	55	45.8
L3-Apply	15	12.5
L4-Analyze	10	8.3
L5-Evaluate		0.0
L6-Create		0.0





- **Sample Semester End Question Paper with Analysis**

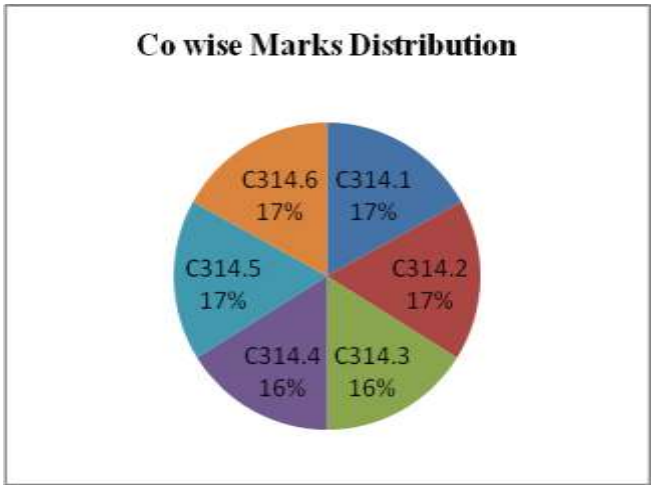
Name of the Course: DBMS — Academic Year: 2017 – 18
Name of the Faculty: Mr. M. Srinivasa Rao — Year & Semester: III Year I
Sem Course Code: C314 — Branch & section: CSE-A&B

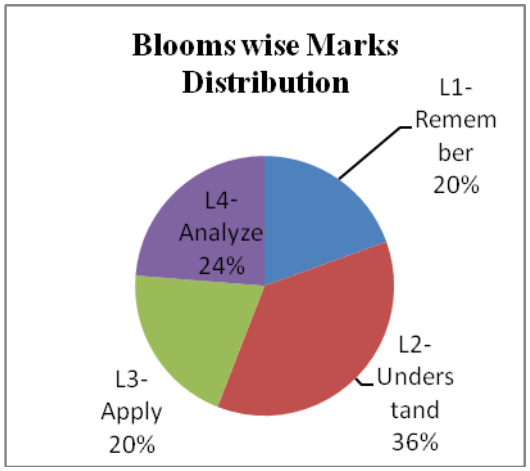
		OCT/NOV-2018 University Question Paper Analysis set-3			
Q.No	Question	Marks	CO	TL	PI
1.a	Explain object-oriented data model.	4	C314.1	Understand	2.5.2
1.b	Differentiate between primary key and a candidate key.	4	C314.2	Analyze	3.6.2
1.c	List and Explain SET operations of SQL.	3	C314.3	Understand	2.5.2
1.d	What is 3NF?	3	C314.4	Remember	1.6.1
1.e	Why do we need locks? Explain.	4	C314.5	Understand	2.5.2
1.f	What are the disadvantages of static hashing?	4	C314.6	Remember	1.6.1
2.a	Explain briefly the languages supported by database systems.	8	C314.1	Understand	2.5.2
2.b	What is Data modeling? Explain relational model.	8	C314.1	Remember	1.6.1
3.a	Why foreign key constraints are important? Explain with employee database.	8	C314.2	Apply	2.8.1
3.b	What is meant by referential integrity? Explain.	8	C314.2	Remember	1.6.1
4.a	Where do we need nesting of queries? Give an example. a)ANY b) IN c) EXISTS d) EXCEPT	8	C314.3	Apply	2.8.1
4.b	Differentiate between updatable views and non updatable views?	8	C314.3	Analyze	3.6.2
5.a	Is the decomposition in 4NF always dependency preserving and lossless? Explain with an example,	8	C314.4	Understand	1.6.1
5.b	Consider the following relation R(A,B,C,D,E)and FD's A BC, C A,D E, F A, E D is the decomposition of R into R1(A, C, D), R2(B, C, D) AND R3(E,F,D) lossless?	8	C314.5	Apply	2.8.1

6.a	What is time stamp ordering? Explain how it is used for concurrency control?	8	C314.5	Understand	2.5.2
6.b	Explain view Serializability with an example? How it is different from conflict Serializability?	8	C314.5	Analyze	3.6.2
7.a	Explain Open hashing? Discuss their advantages and disadvantages.	8	C314.6	Understand	2.5.1
7.b	Compare dynamic hashing with static hashing.	8	C314.6	Analyze	3.6.2

CO	Marks	%
C314.1	20	20.4
C314.2	20	20.4
C314.3	19	19.4
C314.4	19	19.4
C314.5	20	20.4
C314.6	20	20.4

Taxonomy Level	Marks	%
L1-Remember	23	23.5
L2-Understand	43	43.9
L3-Apply	24	24.5
L4-Analyze	28	28.6
L5-Evaluate		0.0
L6-Create		0.0





Average levels of evaluation for the COs (2017-18):Sem-I

COs	CO1	CO2	CO3	CO4	CO5	CO6
Internal exam Percentage	16%	17%	17%	17%	17%	16%
Assignments	17%	18%	17%	16%	16%	16%
University	15%	16%	18%	17%	17%	17%

Average levels of Taxonomy evaluation:

COs	Remember	Understand	Apply	Analyse	Evaluate	Create
Internal exam Percentage	11%	66%	15%	4%	0%	4%
Assignments	15%	42%	17%	8%	0%	18%
University	10%	43%	15%	12%	9%	11%

Average levels of evaluation for the COs (2017-18):Sem-II

COs	CO1	CO2	CO3	CO4	CO5	CO6
Internal exam Percentage	17%	16%	17%	16%	17%	17%
Assignments	16%	16%	17%	17%	17%	17%
University	16%	16%	17%	17%	17%	17%

Average levels of Taxonomy evaluation:

COs	Remember	Understand	Apply	Analyse	Evaluate	Create
Internal exam Percentage	14%	58%	13%	6%	1%	8%
Assignments	16%	54%	20%	10%	0%	0%
University	13%	42%	14%	8%	12%	11%

Explanation of Scheme of evaluation with split, grievances (internal-distribution of papers to students, end exam-recounting and revaluation).

There will be two internal examinations for each semester which are evaluated by conducting two descriptive exams (Each 15 marks), two online examinations (Each 10 marks) and assignments (5 Marks).

The scheme of evaluation will be prepared by concern faculty member with division of marks. The answer booklets will be given to the students after evaluation and if any grievance like counting problem happens then it will be rectified by the concern faculty at the same time.

Any grievance in the end examination can be applied to the university in the form of Recounting and Re-Valuation.

2.2.3 Quality of Student Projects

(Quality of the project is measured in terms of consideration to factors including, but not limited to, environment, safety, ethics, cost, type (application, product, research, review etc.) and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects. Mention Implementation details including details of POs and PSOs addressed through the projects with justification)

Project Allocation:

1. Faculty names with area of specialization will be displayed in the notice board

- At the beginning of the academic year, project coordinator will prepare the list of faculty members and major specializations to be offered for the project.
- The major areas of specialization for AY 2018-19 are Data Mining, Cryptography and Network Security, Web Design, Android, IoT etc.

Sl. No.	Name of the Faculty	Area of Specialization
1	S.V.C.Gupta	Cyber Security,Data Mining
2	Dr. M.Srinivasarao	Cyber Security, IoT, Data Mining
3	Dr.B.R.Srinivasa Reddy	Data Mining
4	Dr. K. Naresh kumar	Big Data
5	A.Pavan Kumar	Data Mining, Android
6	P.V.L.Narasimha Rao	Web Design
7	MD.Ahmad	Big Data, Data Mining.
8	P.Ashok kumar	Data Mining,IoT
9	M.Anand Kumar	Cloud Computing, Web Design
10	K.Rama Rao	Big Data
11	J.V.N.Raju	Data Mining
12	K.Venkatesh	Cyber Security, Machine Learning
13	G.D.V.Lakshmi	Data Mining
14	S.Ranga Swammy	Cloud Computing, Big Data
15	P.Siva Nagaraju	IoT, Web Design

16	P.Sirisha	Data Mining
17	S.Anil Kumar	Web Design, IoT
18	M.Krishana Kumari	Data Mining
19	M.Naga Vamsi	Android, Big data
20	V.Ganesh Dattu	Big Data

2. Student project batches will be formed based on their pass percentage

- Student batch will be formed based on their academic percentages.
- number of batches = total number of students / 4
- Students are arranged in the ascending order based on their overall pass percentage up to 3rd year 2nd semester.
- Assign the batch numbers to the students from 1 to last batch number and last batch number to 1. This process is continued for all the students.
- Students who got same batch number will be grouped as one batch

Sl.No	Roll.No	Student Name	Avg %	Batch
1	15MQ1A05B0	PADMANABHUNI SRI KANTH	86.27	1
2	15MQ1A0512	KORUKONDA MOUNIKA	86.17	2
3	15MQ1A0576	JALLURI NAGA VENKATA HANEESHA	85.54	3
4	15MQ1A0505	BOLLA VENKATA RAMANA	83.87	4
5	15MQ1A0596	PRATHI SOWJANYA	83.62	5
6	15MQ1A0523	PALLEM MOUNICA	83.35	6
7	15MQ1A0520	NADELLA HEMALATHA	82.69	7
8	15MQ1A0591	NUKALA ARUNA	82.36	8
9	15MQ1A0568	CHEERLA HEMALATHA	81.35	9
10	15MQ1A0566	CHANDANA SRIVALLI	81.26	10
11	15MQ1A0532	THAMMU BHAGYA SRI	81.12	11
12	15MQ1A0598	SAMATAM SAJANI	77.62	12
13	15MQ1A0521	NARAGANI KAVYA	77.35	12
14	15MQ1A0502	ATTULURI RUCHITHA SRI	77.24	11
15	15MQ1A0579	KARUMURI NAGA SAI DIVYA JYOTHI	77.05	10
16	15MQ1A0516	MAREEDU VENKATA JYOTHSNA	76.88	9
17	15MQ1A0530	TALARI DOHALA	76.57	8
18	15MQ1A0540	VUDATHA BHAVISHYA	76.53	7
19	15MQ1A0570	CHEVENDRA SRI LAKSHMI PURNA	76.06	6
20	15MQ1A0514	MADDULA RESHMA DEVI	75.58	5
21	15MQ1A0501	ANKEM ARAVINDA	75.45	4
22	15MQ1A0560	ANDE BABY BHARGHAVI	75.37	3
23	15MQ1A05B6	YAVALA SAI TARUN	75.03	2

24	15MQ1A0593	PAGOLU DURGA BHAVANI	74.36	1
25	15MQ1A0508	JALLURI SWATHI	72.63	1
26	15MQ1A0537	VEERAMALLU HARIKA	71.87	2
27	15MQ1A0541	YARLAGADDA MOUNIKA	71.79	3
28	15MQ1A0522	NIMMAGADDA SUJITHA	71.05	4
29	15MQ1A0547	CHILLIMUNTHA VAMSI	69.96	5
30	15MQ1A05B5	TUMU VENKATESWARA RAO	68.61	6
31	16MQ5A0501	JUPUDI MANIKANTA SWAMY	68.39	7
32	15MQ1A0534	VADALI JAYASRI VENKATA PRANEETHA	68.29	8
33	15MQ1A05A3	D. MOHANA V V NAGA MANI KANTA	67.14	9
34	15MQ1A0584	KUNDETI RAMYA	67.03	10
35	15MQ1A0511	KOLAPALLI INDRAJA	66.91	11
36	15MQ1A0513	KOTTE MOUNIKA	66.17	12
37	15MQ1A0506	CHALUVADI NITHYA	64.93	12
38	15MQ1A0525	PASUMARTHI MAHITHA	64.91	11
39	15MQ1A0558	VINNAKOTA SOMASEKHAR	64.78	10
40	15MQ1A05B1	PARISA BHANUPRAKASH	63.89	9
41	15MQ1A0538	VEERANKI NIHARIKA	62.82	8
42	15MQ1A0559	VITTAMSETTY PHANEENDRA	62.46	7
43	15MQ1A0573	DOKKU GEETHANJALI	61.28	6
44	15MQ1A05A2	YARAGANI POOJITHA	59.37	5
45	15MQ1A0554	SANKULA RAJA VENKATA VINAY KUMAR	56.53	4
46	15MQ1A0550	KOLLIPARA GANESH MANIKANTA	50.04	3
47	15MQ1A0546	CHENDIKA SAI RAM	48.61	2

3. Project coordinator will collect the area of interest from all the project batches.

Sl.No	**Roll.No**	**Batch**	**Area of Interest**
1	15MQ1A05B0	BC1	Cyber Security
2	15MQ1A0593		
3	15MQ1A0508		
4	15MQ1A0512	BC2	Big Data
5	15MQ1A05B6		
6	15MQ1A0537		
7	15MQ1A0546		
8	15MQ1A0576	BC3	Web Design
9	15MQ1A0560		
10	15MQ1A0541		
11	15MQ1A0550		
12	15MQ1A0505	BC4	Data Mining.
13	15MQ1A0501		

14	15MQ1A0522		
15	15MQ1A0554		
16	15MQ1A0596	BC5	Big Data
17	15MQ1A0514		
18	15MQ1A0547		
19	15MQ1A05A2		
20	15MQ1A0523	BC6	Data Mining
21	15MQ1A0570		
22	15MQ1A05B5		
23	15MQ1A0573		
24	15MQ1A0520	BC7	IoT
25	15MQ1A0540		
26	16MQ5A0501		
27	15MQ1A0559		
28	15MQ1A0591	BC8	Cyber Security
29	15MQ1A0530		
30	15MQ1A0534		
31	15MQ1A0538		
32	15MQ1A0568	BC9	Block Chain Technology
33	15MQ1A0516		
34	15MQ1A05A3		
35	15MQ1A05B1		
36	15MQ1A0566	BC10	Data Mining
37	15MQ1A0579		
38	15MQ1A0584		
39	15MQ1A0558		
40	15MQ1A0532	BC11	Android App development
41	15MQ1A0502		
42	15MQ1A0511		
43	15MQ1A0525		
44	15MQ1A0598	BC12	Machine Learning
45	15MQ1A0521		
46	15MQ1A0513		
47	15MQ1A0506		

4. Project batch students will approach the faculty member with respect to their area of interest.

5. Faculty will give their approval to the project batch based on first cum first serve.

6. Every faculty will guide only one batch from each section.

7. Project batches along with th

eir guide details will be displayed in the notice board.

8. The students will discuss with their project guide to finalize the topic. The students and project guide will share their ideas and one of the project topics will be finalized.

S.No	Roll No	Batch	Guide Name	Topic	Selected Topic	Pos
1	15MQ1A05B0	BC1	S.V.C Guptha	Prevention of multiple land registration using block chain	Prevention of multiple land registration using block chain	PO1, PO2, PO3
2	15MQ1A0593			Data clustering		
3	15MQ1A0508					
4	15MQ1A0512	BC2	S.Ranga Swamy	Sorting of Fully Homomorphic Encrypted Data using BigData	Sorting of Fully Homomorphic Encrypted Data using BigData	PO1, PO2, PO3
5	15MQ1A05B6					
6	15MQ1A0537			Cloud application		
7	15MQ1A0546					
8	15MQ1A0576	BC3	P.V.L.Narasimha Rao	Online hotel management	Voting without rigging	PO1, PO2, PO3
9	15MQ1A0560					
10	15MQ1A0541			Voting without rigging		
11	15MQ1A0550					
12	15MQ1A0505	BC4	Md.Ahmed	Big data	Improving performance of heterogeneous map reduce clusters with adaptive task tuning.	PO1, PO2, PO3
13	15MQ1A0501			Scribble game		
14	15MQ1A0522			Improving performance of heterogeneous map reduce clusters with adaptive task tuning.		
15	15MQ1A0554			Machine learning		
16	15MQ1A0596	BC5	K.Rama Rao	Prediction of Social emotions from readers perspective	Prediction of Social emotions from readers perspective	PO1, PO2, PO3
17	15MQ1A0514					
18	15MQ1A0547			Imbalance dataset analysis		
19	15MQ1A05A2					
20	15MQ1A0523	BC6	J.V.N.Raju	Data clustering	Analysis of Road Traffic Fatal Accidents Using Data Mining Techniques	PO1, PO2, PO3
21	15MQ1A0570			Analysis of Road Traffic Fatal Accidents Using Data Mining Techniques		
22	15MQ1A05B5					
23	15MQ1A0573					
24	15MQ1A0520	BC7	P.Ashok	k-means algorithm	IoT Based fire	PO1,

25	15MQ1A0540		Kumar	IoT Based fire alerting system	alerting system	PO2, PO3
26	16MQ5A0501					
27	15MQ1A0559					
28	15MQ1A0591	BC8	M.Srinivasa Rao	Automation of home appliance	A Novel approach to provide security mechanism to counter DDOS attack using block chain technology	PO1, PO2, PO3
29	15MQ1A0530			A Novel approach to provide security mechanism to counter DDOS attack using block chain technology		
30	15MQ1A0534					
31	15MQ1A0538					
32	15MQ1A0568	BC9	K.Venkatesh	Data clustering	Online rental portal using block chain	PO1, PO2, PO3
33	15MQ1A0516					
34	15MQ1A05A3			Online rental portal using block chain		
35	15MQ1A05B1					
36	15MQ1A0566	BC10	G.D.Vijaya Lakshmi	Efficient Clue-based Route Search on Road Networks	I-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items	PO1, PO2, PO3
37	15MQ1A0579					
38	15MQ1A0584			I-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items		
39	15MQ1A0558					
40	15MQ1A0532	BC11	M.Naga Vamsi	Blood donation	App Contact	PO1, PO2, PO3
41	15MQ1A0502			App Contact		
42	15MQ1A0511					
43	15MQ1A0525					
44	15MQ1A0598	BC12	S.Anil Kumar	Iot in agriculture	Crime data analysis using artificial intelligence	PO1, PO2, PO3
45	15MQ1A0521					
46	15MQ1A0513			Crime data analysis using artificial intelligence		
47	15MQ1A0506					

9. The finalized topic abstract will be submitted to project coordinator

10. The project coordinator will display the Project batch and corresponding guide information in the notice board

10. Head of the department will form the review committee with four members. They are Hod, project coordinator (one of the Senior faculty member in the department), Senior faculty member and guide.

11. The following faculties are nominated as the Project Review Committee members for the Academic year 2018-19.

1. Supervisor

2. Dr. B. R.S Reddy (Senior Faculty)

3. Dr. M. Srinivasa Rao (Project Coordinator)

4. Mr. SV.C Gupta (HOD)

12. The project coordinator will consult the HOD to finalize the Project review dates for internal project evaluation. The same will be displayed on notice board.

S.No	Review#	Dates	Remarks
1	Review 0	26-12-2018 & 28-12-2018	Project Title Approval
2	Review 1	04-02-2019 & 05-02-2019	Feasibility & Depth of knowledge
3	Review 2	25-02-2019 & 26-02-2019	Design & Implementation
4	Review 3	18-03-2019 & 19-03-2019	Result Analysis, Rough book submission

Monitoring & Evaluation of Project:

13. Review 0 will be conducted by the review committee members to finalize the project topic.

14. The finalized student topics along with their guide name will be displayed on notice board.

S. No	Roll. No	Title of the Project	Batch	Name Of The Guide	Relevance to POs& PSOs
1	15MQ1A05B0	Security using Block Chain	BC1	S.V.C Guptha	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
2	15MQ1A0593				
3	15MQ1A0508				
4	15MQ1A0512	Sorting of Fully Homomorphic Encrypted Data using BigData	BC2	S.Ranga Swamy	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
5	15MQ1A05B6				
6	15MQ1A0537				
7	15MQ1A0546				
8	15MQ1A0576	Voting without rigging	BC3	P.V.L.Narasimha Rao	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
9	15MQ1A0560				
10	15MQ1A0541				
11	15MQ1A0550				
12	15MQ1A0505	Improving performance of heterogeneous map reduce clusters with adaptive task tuning.	BC4	Md.Ahmed	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
13	15MQ1A0501				
14	15MQ1A0522				
15	15MQ1A0554				

16	15MQ1A0596	Prediction of Social emotions from readers perspective	BC5	K.Rama Rao	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
17	15MQ1A0514				
18	15MQ1A0547				
19	15MQ1A05A2				
20	15MQ1A0523	Analysis of Road Traffic Fatal Accidents Using Data Mining Techniques	BC6	J.V.N.Raju	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
21	15MQ1A0570				
22	15MQ1A05B5				
23	15MQ1A0573				
24	15MQ1A0520	IoT Based fire alerting system	BC7	P.Ashok Kumar	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11 PSO1,PSO2,PSO3
25	15MQ1A0540				
26	16MQ5A0501				
27	15MQ1A0559				
28	15MQ1A0591	A Novel approach to provide security mechanism to counter DDOS attack using block chain technology	BC8	M.Srinivasa Rao	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11,PO12 PSO1,PSO2,PSO3
29	15MQ1A0530				
30	15MQ1A0534				
31	15MQ1A0538				
32	15MQ1A0568	Online rental portal using block chain	BC9	K.Venkatesh	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11,PO12 PSO1,PSO2,PSO3
33	15MQ1A0516				
34	15MQ1A05A3				
35	15MQ1A05B1				
36	15MQ1A0566	I-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items	BC10	G.D.Vijaya Lakshmi	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11, PSO1,PSO2,PSO3
37	15MQ1A0579				
38	15MQ1A0584				
39	15MQ1A0558				
40	15MQ1A0532	Contact App	BC11	M.Naga Vamsi	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11, PSO1,PSO2,PSO3
41	15MQ1A0502				
42	15MQ1A0511				
43	15MQ1A0525				
44	15MQ1A0598	Crime data analysis using artificial intelligence	BC12	S.Anil Kumar	PO1,PO2,PO3, PO5,PO8,PO9, PO10,PO11, PSO1,PSO2,PSO3
45	15MQ1A0521				
46	15MQ1A0513				
47	15MQ1A0506				

Each Guide will perform the PO mapping analysis for the projects guided by them. A sample Project PO mapping justification is shown below:

Project Title: Personnel Assistance for Independent Senior Citizens
Name of the Supervisor: M. Srinivasa Rao Year & Semester: IV Year II Sem
Course Code: C425 Academic Year: 2017 – 18
Student Names: V.Nikhitha 14MQ1A0532
P. Mounika 14MQ1A0524
D. Leela Jyothi 14MQ1A0508
K. Vineetha 15MQ5A0505
B.Surya Prasanna 14MQ1A0501

Name of Course from which Principles are applied in this project	Related Course Outcome Number	Description of the application	Attained PO
Main Project	C425.1	Write an abstract and explaining the requirements	PO1
IoT	C425.2	Study the existing system and identify the problem definition and objectives	PO2
Software Engineering	C324.2	Prepare the SRS document	PO3
Software Engineering	C324.5	Identify the time and cost required to develop the project	PO11
Main Project	C425.2	Collect the related document for proposed system by referring various journals, books and web references.	PO12
Cloud Computing	C422.1	Learn about fundamentals of Cloud system	PO5
Software Engineering	C324.3	Design the block diagram for proposed system	PO3
Main Project	C425.3	Develop the project in a collective manner by applying their knowledge and should not copy from others	PO8
Software Testing Methodologies	C414.2	Test their projects using Black box testing techniques	PO3
Main Project	C425.5	Write the summary of the project and explain its uses	PO6, PO7, PO10
Main Project	C425.6	Demonstrate the project individual and in a group	PO9

15. Students will meet the guide regularly and discuss the project progress.

16. Reviews will be conducted as per the dates announced earlier. The Review committee members will assess the students and give suggestions if required.

17. HoD and senior faculty member will evaluate the project based on student presentation (20M) and viva-voce (20M).

Review-1

S.NO	Performance Indicator	Marks
1	Title & Feasibility	10
2	Abstract & Depth of Knowledge	10
3	Presentation	20

Review -2

S.NO	Performance Indicator	Marks
1	Design & Analysis	10
2	Implementation Strategy	10
3	Expected Results	10
4	Presentation	10

Review -3

S.NO	Performance Indicator	Marks
1	Implementation & Execution	20
2	Final Report	10
3	Overall Presentation	10

Impact analysis

- New innovative ideas from students form the basis of some projects.
- Skills or abilities of students improved.
- Knowledge on CSE project management was enhanced.
- Confidence level of the students was boosted.

18. The project coordinator will display the marks of three Reviews (40M) on the notice board.

19. After final review, the project coordinator will display the final marks (60M) on the notice board by considering average marks of three reviews(40M) and day to day evaluation marks(20M) given by guide.

Project Assessment, Project outcomes:

20. The project coordinator will send a notice to submit the final project copy along with CD.

21. The project coordinator will display the external evaluation schedule after receiving the letter from the JNTUK.

22. Students will be encouraged to publish a paper in the journal or conference and the list will be displayed on the notice board.

Sl.No	Roll.No	Name of the Students	Title of the Paper	Journal Published	PO
1	14MQ1A0541	K SANKAR SURESH	Automation of Water Motor using IoT	International Journal for innovative Engineering and Management Research	PO8, PO9, PO10, PO12
	15MQ5A0510	G.V. N. RAMU			
	15MQ5A0508	G.V.V.S.T.BHARATH			
	15MQ5A0507	BOYANA HOSANNA			
2	14MQ1A0566	NIKHAT TABASSUM	A Novel Approach to Predict the model for Imbalanced datasets using 'R' programming	International Journal of Advanced engineering & Global Technology	PO8, PO9, PO10, PO12
	14MQ1A0563	M. TARUNA SREE			
	14MQ1A0558	K. MOUNIKA			
	14MQ1A0564	N. LAKSHMI			

23. On behalf of departmental student association a Project Expo will be conducted and prizes will be awarded.

S.No	Title of the project	Judge	Prize won	Relevance to POs
1	Water Motor Automation in Agriculture	Dr. B.R.S Reddy SVIET	First	PO8,PO9,PO12 PSO2
2	Movie Recommendation System		Second	PO8,PO9,PO12 PSO2

Our Computer Science & Engineering students have been attended in Tech Fest conducted by various organizations.

S.No	Title of the project	Judge	Institution	Prize won	Relevance to POs
1	Water Motor Automation in Agriculture	G. Sreenivasa Rao, Professor SSN Engineering College	RNEC Ongole	First	PO8,PO9,PO12 PSO2

24. Best projects are identified based on external examiner feedback, awards won and paper publication and the list will be displayed on the notice board.

Best Project Evaluation scheme

- Innovations and creativity of the project
- Review of literature and related studies about the project.
- Implementation strategies.
- Listening to and answering questions.

Sl.No	Roll.No	Student Name	Title of the Project	Name Of The Guide	Relevance to POs
1	14MQ1A0541	K SANKAR SURESH	Water Motor Automation in Agriculture	S.V.C. Gupta	PO2,PO3, PO8, PO9, PO11
	15MQ5A0510	G.V. N. RAMU			
	15MQ5A0508	G.V.V.S.T.BHARATH			
	15MQ5A0507	B. HOSANNA			
2	14MQ1A0566	NIKHAT TABASSUM	A Novel Approach to Predict the model for Imbalanced datasets using 'R'	M.Srinivasa Rao	PO2,PO3, PO8, PO9, PO11
	14MQ1A0563	M. TARUNA SREE			
	14MQ1A0558	K. MOUNIKA			
	14MQ1A0564	N. LAKSHMI			
3	14MQ1A0519	M. MEHER GEETHA	Movie Recommendation System	K. Venkatesh	PO2,PO3, PO8, PO9, PO11
	14MQ1A0514	K. RAJITHA			
	14MQ1A0503	APSARJAHA . ABDUL			
	14MQ1A0521	P.VINEETHA			

A sample project assessment sheet used by the project guides is shown below:

AY: 2017-18 **Name of the Guide:** M.Srinivasa Rao

NAME OF PROJECT : Personal assistance for independent Senior Citizens

Batch Number 4

S.NO.	Regd. No.	REVIEW 1 (40)	REVIEW2 (40)	REVIEW3 (40)	Review Average (40)	DAY TO DAY EVALUATION (20)	Total Internal (60)	UNIVERSITY EXAMINATION
1	14MQ1A0532	39	39	39	39	20	59	134
2	14MQ1A0524	39	39	39	39	19	58	129
3	14MQ1A0508	38	38	38	38	19	57	128
4	15MQ5A0505	38	38	38	38	19	57	129
5	14MQ1A0505	38	38	38	38	18	56	127
	Average	38.4	38.4	38.40	38.40	19.00	57.40	129.4

	Mark							
	% Marks	96%	96%	96%		95%		92%
	Attainment	3	3	3		3		3
	CO 1	√				√		√
	CO 2	√				√		√
	CO 3		√			√		√
	CO 4			√		√		√
	CO 5			√		√		√
	CO 6			√		√		√

CO 1	3.00				3.00		3.00	3.00
CO 2	3.00				3.00		3.00	3.00
CO 3		3.00			3.00		3.00	3.00
CO 4			3.00		3.00		3.00	3.00
CO 5			3.00		3.00		3.00	3.00
CO 6			3.00		3.00		3.00	3.00
							Academic Performance	**3.00**

\

CO Statement

CO1	Describe abstract of the project and develop its requirements
CO2	Self learn new tools, algorithms, and/or techniques that contribute to the software solution of the project.
CO3	Develop a design solution for a set of requirements.
CO4	Test and validate the conformance of the developed prototype against the original requirements of the problem
CO5	Describe the summary of the project and identify the impact of the project in the society
CO6	Demonstrate the project individual and in a group

	Attainment
Academic performance (60% Weightage)	3.00
Project Outcomes(Prizes/Prototypes/Publications/Best project) (40%)	1
Overall	**2.20**

Rubrics:

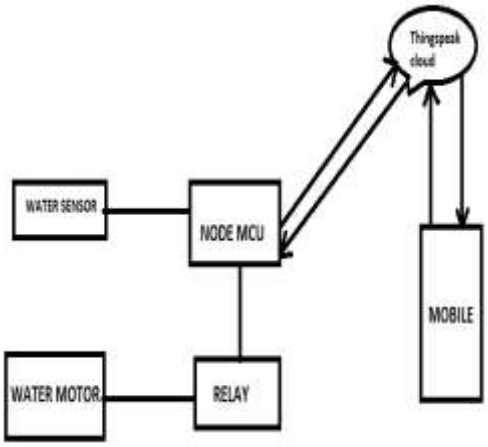
Academic Peforma	**Attainment**

Project OutCome	Attainment

nce	
<80%	1
80-90%	2
>=90%	3

<=1	1
2	2
>=3	3

Prototypes done by Students



Water Motor Automation in Agriculture **Node MCU**

2.2.4. Initiatives related to industry interaction

(Give details of the industry involvement in the program such as industry-attached laboratories, partial delivery of appropriate courses by industry experts etc. Mention the initiatives, implementation details and impact analysis)

To strengthen interaction with industries and to keep our students updated with the latest trends in Computer Science and Engineering, the Department has entered into an agreement with the following companies with

- Internship
- Project Works for Students
- Industrial Visits
- Students specific Training and Assessment
- Faculty Development Program
- Workshops

S.No	Name of the Organization	Purpose	From Date	To Date

1	Smart Bridge Educational Services Pvt Ltd., Hyderabad	Internship, Workshop and training	21-12-2015	19-12-2019
2	Purple Techno Solutions, Vijayawada	Internship, Workshop and training	August 2017	December 2020
3	CoCubes Technologies	Student Performance Assessment	November 2015	April 2019
4	Aspiring Minds	Student Performance Assessment	November 2015	April 2018

Many invited talks and seminars from industry resource persons are arranged and department invites the participant from various departments.

S. No	Subject	Industrial Expert	Date	Target Students
2017-18				
1	Cloud Computing and its applications	G.V Krishna Reddy Project Manager, Tech Mahindra, Hyderabad	06-01-2018	100
2	Android App development	S. Ramu, Solution Architect, Verizon, Hyderabad	07-10-2017	110
2016- 17				
1	Software Testing Methodologies	A. Raju, Quality Tech Lead, Cisco, Bangalore.	25-02-2017	60
2	Hadoop and Bigdata	M. VenkataRao, Associate Engineering Manager, Optum Global Solutions	10-09-2016	60
2015-16				
1	Software Process Models	G. Sudheer, System Analyst, IBM, Hyderabad	12-09-2015	100

2.2.5. Initiatives related to industry internship/summer training

(*Mention the initiatives, implementation details and impact analysis****)***

Our Computer Science & Engineering students have been attended the internship in various organizations.

- The students are encouraged to take internship program during their semester break.
- Faculty members give their guidelines, suggestions and scope and contact details of an internship.
- They also help the students by interacting with the industrial experts, provide the students recommendation letters and other necessary supports.
- The alumni coordinator constantly interacts with alumni those who are working in the industries and request them to provide necessary guidelines and supports for their junior's internship.

S.No	Organization	No. of students attended	Duration	Relevance of PO,PSO
1	Smart Bridge,HYD	2	28	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO2
2	NSIC,HYD	4	60	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO2
3	BEL, MTM	4	30	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO2
4	BSNL, Vijayawada	1	24	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO2
5	Pantech,Hyd	1	11	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO2

S.No	**Roll.No**	**Student Name**	**Organization**	**Dates**	**No.of Days**
1	14MQ1A0536	B.Leela Pratap	Smart Bridge,HYD	14-11-2017 to 12-12-2017	28
2	14MQ1A0546	V.S..Rama Aditya	Smart Bridge,HYD	14-11-2017 to 12-12-2017	28
3	15MQ1A0599	S.Haritha	NSIC,HYD	02-05-2018 to 01-07-2018	60
4	15MQ1A05A1	Thota Vasanthi	NSIC,HYD	02-05-2018 to 01-07-2018	60
5	15MQ1A0567	Chandini Begum	NSIC,HYD	02-05-2018 to 01-07-2018	60
6	15MQ1A0579	K.Naga Sai Divya Jyothi	NSIC,HYD	02-05-2018 to 01-07-2018	60
7	15MQ1A0514	M.Reshma Devi	BEL, MTM	10-05-2018 to 09-06-2018	30
8	15MQ1A0511	K.Indraja	BEL, MTM	10-05-2018 to 09-06-2018	30
9	15MQ1A0534	V.J.V.Praneetha	BEL, MTM	10-05-2018 to 09-06-2018	30
10	15MQ1A0530	T.Dohala	BEL, MTM	10-05-2018 to 09-06-2018	30
11	15MQ1A0508	Jalluri Swathi	BSNL, Vijayawada	14-05-2018 to 09-06-2018	24
12	15MQ1A0501	A.Aravinda	Pantech,Hyd	21-05-2018 to 01-06-2018	11
13	15MQ1A05A3	DMVVN. Manikanta	cialfor	6 months	180
14	15MQ1A05B0	P.Srikanth	MyAnatomy Integration	20-08-2018 to 6 Months	180

			Pvt Ltd, Bangalore		

Impact Analysis of industrial training/ internship

a. Gain Valuable Work Experience
b. Have an Edge in the Job Market
c. Transition into a Job
d. Decide if this is the Right Career for You
e. Networking Opportunities
f. Apply Classroom Knowledge
g. Gain Confidence
h. Team Management
i. Communication Skill improvement

Industrial Visits

- The students are encouraged to visit industries.
- Faculty members give their guidelines, suggestions and scope and contact details of an industry.
- They also help the students by interacting with the industrial experts, provide the students recommendation letters and other necessary supports.

S.No	Organization	No. of students visited	Duration	Relevance of PO,PSO
1	STPI Vijayawada	100	1	PO9,PO10,PSO2
1	Smart Bridge, HYD	60	2	PO9,PO10,PSO2
3	BEL, MTM	70	30	PO9,PO10,PSO2
4	BSNL, Vijayawada	60	24	PO9,PO10,PSO2

Faculty coordinator and the student coordinators will prepare a report after completion of the visit by considering the knowledge, experience and feedback for the improvements.

Sample Copy of Feedback forms from students and Employer during Industrial Visit:

FEEDBACK REPORT ON INDUSTRIAL VISIT

CLASS: SEMESTER : ODD/ EVEN A. Y:

Name and Address of Industry Visited:

Date : _____ Duration : _____

Beneficiary Dept : Year/Semester:

Total No. of Students : _____

Industrial Visit organized by:

Name of Industrial Visit in-charge and other Faculty who accompanied the students:

Contact Person at Industry:

Visit related to the subject:

During visit the students were taken to following Departments in the Industry

Names of Student who offered feedback (Feedback enclosed)

1.
2.
3.

Sign. of Industrial Visit in- charge with Seal

Encl: Please Enclose the Letter received from the Industry

Attach if any Photograph has been taken during Visit

FEEDBACK FROM EMPLOYER/INDUSTRY

a) Name of the Organization :

b) Name of the Officer and Designation:

c) Name of the Employee :

d) Please provide your comments on the following:

1.	Performance of the Students	□ Excellent	□ Good	□ Average	□ Fair
2.	Technical Skills	□ Excellent	□ Good	□ Average	□ Fair
3.	Attitude	□ Excellent	□ Good	□ Average	□ Fair
4.	Interpersonal Skills	□ Excellent	□ Good	□ Average	□ Fair
5.	Passion for Growth	□ Excellent	□ Good	□ Average	□ Fair

e) Would you like to consider our students for future employment: Yes/No.

f) What are your advices for further improvements on our candidates?

Impact Analysis of industrial visits

a. Decide if this is the Right Career for You

b. Networking Opportunities

c. Team Management

d. Communication Skill improvement

CRITERION 3	Course Outcomes and Program Outcomes	120

3. COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

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

(Program Outcomes as mentioned in Annexure I and Program Specific Outcomes as defined by the Program)

Program Outcomes:

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, 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, 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.

Program Specific Outcomes:

PSO 1: *Engineering Fundamentals:* The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.

PSO 2: *Career Development:* The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.

PSO 3: *Problem Solving Skills:* The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

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) (05)

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

Course Name: Python Programming (C214) **Year of Study: 2017 – 18**

C214.1	Memorize the basic syntax of Python Programming.	Remember
C214.2	Recognize and Demonstrate common programming idioms: Operators, branching and loops	Understand
C214.3	Define and demonstrate the use of the built-in data structures	Understand
C214.4	Adequately use standard programming constructs: functions, modules and packages	Apply
C214.5	Demonstrate and solve any given problems using object oriented features and exception handling	Apply
C214.6	Design and implement a program to solve any given problem using the language idioms, data structures and standard library	Create

Course Name: Java Programming (C222) **Year of Study: 2017 – 18**

C222.1	Discuss object oriented programming concepts	Understand
C222.2	Use Classes and Objects in JAVA Programming	Apply
C222.3	Implement inheritance and Exception handling concepts	Apply
C222.4	Execute Multi-Threading concepts	Apply
C222.5	Design and implement Applet and event handling mechanisms in application programs	Create
C222.6	Use swings aspects in graphical interactive application development	Apply

Course Name: Data Base Management systems(C314) **Year of Study: 2017 – 18**

C314.1	State the basics of database systems and applications.	Remember
C314.2	Implement the logical design of database and information retrieval.	Apply
C314.3	Examine the relational model practically using Structured Query Language.	Analyze
C314.4	Demonstrate and relate normalization for database design.	Understand
C314.5	Identify the necessity of transaction processing and concurrency control.	Understand
C314.6	Differentiate various file organizations and indexing techniques.	Analyze

Course Name: Software Engineering (C324) **Year of Study: 2017 – 18**

C324.1	State the different software engineering methods, processes and process models.	Remember
C324.2	Produce a SRS document for a given problem by gathering, organizing and validating software specifications.	Apply
C324.3	Develop the architecture for a project and identify the suitable architecture for a given project.	Analyze
C324.4	Produce test cases for the given application.	Apply

C324.5	Estimate size, effort, cost and time taken for a project.	Understand
C324.6	Illustrate various maintenance process models and identify the best suitable one.	Analyze

Course Name: Software Testing Methodologies (C414) **Year of Study: 2017 – 18**

C414.1	Discuss fundamentals of software testing concepts and methods.	Remember
C414.2	Explaining various software testing levels like black box and white box testing	Understand
C414.3	Describe various testing strategies like verification and validation.	Understand
C414.4	Design test case and test suite.	Create
C414.5	Illustrate the object oriented software testing methods.	Understand
C414.6	Use Existing test tools for automated testing.	Apply

Course Name: Cloud Computing (C422) **Year of Study: 2017 – 18**

C422.	Identify various system models used in cloud computing	Remember
C422.	Differentiate various virtualization of OS and CPU	Analyze
C422. 3	Explain various cloud servicing models and usage Service oriented Architecture	Apply
C422. 4	Explain various cloud computing platforms and implement any one cloud application	Apply
C422. 5	Explain resource management policies and scheduling algorithms in cloud computing	Understand
C422.	Compare and contrast the various storage systems	Analyze

Table – 3.1.1

3.1.2. CO-PO matrices of courses selected in 3.1.1 (six matrices to be mentioned; one per semester from 3rd to 8th semester) (05)

Course Name: Python Programming (C214) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C214.1	3	1	-	-	-	-	-	-	-	-	-	-	1	-	3
C214.2	2	2	3	-	2	-	-	-	-	-	-	-	1	-	3
C214.3	2	3	2	-	2	-	-	-	-	-	-	-	3	-	3
C214.4	2	3	-	1	2	-	-	-	-	-	-	-	2	-	3
C214.5	3	2	-	-	2	-	-	-	-	-	-	-	3	-	3
C214.6	3	1	2	-	2	-	-	-	-	-	-	2	3	-	3
C214	2.5	2	2.33	1	2							2	2.17	-	3
C214	1.97												2.58		

Course Name: Java Programming(C222) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C222.1	2	3	-	-	1	-	-	-	-	-	-	2	2	-	3
C222.2	-	3	-	-	1	-	-	-	-	-	-	2	2	-	3
C222.3	2	3	-	-	2	-	-	-	-	-	-	2	2	-	3
C222.4	-	3	-	-	1	-	-	-	-	-	-	2	2	-	3
C222.5	2	2	3	3	2	-	-	-	1	-	-	2	2	-	3
C222.6	2	3	-	-	2	-	-	-	1	-	-	2	2	-	3
C222	2	2.83	3	3	1.5	-	-	-	1	-	-	2	2	-	3
C222	2.19												2.5		

Course Name: Data Base Management System(C314) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C314.1	2	-	-	-	-	-	2	-	-	-	-	-	2	-	1
C314.2	3	2	2	-	-	-	-	-	-	-	-	-	3	-	2
C314.3	3	2	1	-	3	-	-	-	-	-	-	-	3	-	2
C314.4	2	2	3	-	-	-	-	-	-	-	-	-	3	-	2

C314.5	3	1	-	-	2	-	-	-	-	-	-	-	3	-	2
C314.6	1	3	-	-	-	-	-	-	-	-	-	2	2	-	1
C314	2.33	2	2	-	2.5	-	2	-	-	-	-	2	2.67	-	1.67
C314	2.16												2.17		

Course Name: Software Engineering (C324) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C324.1	3	3	-	-	-	-	-	-	2	-	-	-	1	-	-
C324.2	2	1	3	-		-	-	-	2	2	-	2	-	-	2
C324.3	1	2	3	2	1	-	-	-	-	-	-	-	2	-	3
C324.4	-	2	3	-	3	-	-	-	-	-	-	-	1	-	1
C324.5	2	2	-	-	-	-	-	-	3	-	2	-	2	-	1
C324.6	2	2	-	-	-	-	-	3	-	-	-	-	1	-	-
C324	2	2	2.66	2	2	-	-	3	2.33	2	2	2	1.4	-	1.75
C324	2.2												1.57		

Course Name: Software Testing Methodologies (C414) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C414.1	2	-	-	-	-	-	-	-	-	-	-	-	3	-	2
C414.2	1	2	2	-	-	-	-	-	-	-	-	-	3	-	2
C414.3	2	2	3	-	-	-	-	-	-	-	-	-	3	-	2
C414.4	1	2	2	-	2	-	-	-	2	-	-	-	3	-	2
C414.5	2	2	2	-	-	-	-	-	-	-	-	-	3	-	2
C414.6	1	-	-	-	2	-	-	-	-	-	-	2	3	-	2
C414	1.5	2	2.5	-	2	-	-	-	2	-	-	2	3	-	2
C414	2.00												2.5		

Course Name: Cloud Computing(C422) **Year of Study: 2017 – 18**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C422.1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	1
C422.2	2	3	-	-	2	-	-	-	-	-	-	-	3	-	2
C422.3	2	3	-	-	-	-	-	-	-	-	-	-	3	-	2
C422.4	2	1	3	-	2	-	-	-	-	-	-	-	3	-	2
C422.5	2	3	1	-	--	-	-	-	-	-	-	-	3	-	2
C422.6	2	1	3	-	-	-	-	-	-	-	-	-	2	-	1
C422	2.16	2.2	2.33	-	2	-	-	-	-	-	-	-	2.67	-	1.67
C422	2.17												2.17		

Table 3.1.2

Note:

1. 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 "-"

2. Similar table for PSOs

3.1.3. Program level Course-PO matrix of all courses INCLUDING first year courses (10): Year of Study: 2017 – 18

Course	*PO 1*	*PO 2*	*PO 3*	*PO 4*	*PO 5*	*PO 6*	*PO 7*	*PO 8*	*PO 9*	*PO1 0*	*PO1 1*	*PO1 2*	*Overall Course*	*PSO 1*	*PSO 2*	*PSO 3*
C111(ENG-I)A&B	1.16	-	2	-	-	2	2	2	2	3	-	2	2.02	-	-	-

C112(M-I)A&B	3	2	-	-	2	-	-	-	-	-	-	2	2.25	-	-	-
C113(M-II)A&B	3	2	-	-	2	-	-	-	-	-	-	-	2.33	-	-	-
C114(AP)A&B	3	2	-	-	-	-	-	-	-	-	-	-	2.50	-	-	-
C115(CP)A	2.67	2.5	2.33	-	2	-	-	-	2	-	-	-	2.30	*2*	-	*3*
C115(CP)B	2.5	2.66	2.25	-	2	-	-	-	2	-	-	-	2.28	*2*	-	*3*
C116(ED)A&B	3	1.33	-	-	-	-	-	-	1	2	-	1	1.67	-	-	-
C117(ECL-I)A&B	-	-	-	-	-	-	2	2	2	2	-	2	2.00	-	-	-
C118 (APL)A&B	2	1	-	-	2	-	-	-	-	-	-	-	1.67	-	-	-
C119 (PVL)A&B	2.6	1	-	-	-	-	-	-	-	-	-	-	1.80	-	-	-
C11A (CPL)A	2.33	2.2	2.25	-	2.2	-	-	-	2.2	-	-	-	2.24	*2*	-	*3*
C11A (CPL)B	2.33	2.2	2.25	-	2.2	-	-	-	2.2	-	-	-	2.24	*2*	-	*3*
C121(ENG-II)A&B	1.25	1	2	-	2	2	1.75	1.33	2	-	-	2	1.70	-	-	-
C122(M-III)A&B	3	2	-	-	-	-	-	-	-	-	-	-	2.50	-	-	-
C123(AC)A&B	1	2	2	-	-	2	2.5	-	-	-	-	-	1.90	-	-	-
C124(OOPS)A&B	2.5	2.5	2	-	2	-	-	-	-	-	-	1.5	2.10	-	-	*2*
C125(ES)A&B	1	-	1	-	-	2	2.5	-	2	-	-	-	1.70	-	-	-
C126(EM)A&B	3	3	-	-	-	-	-	-	-	-	-	-	3.00	-	-	-
C127 (ACL)A&B	2	2	-	-	-	3	3	-	-	-	-	-	2.50	-	-	-
C128 (ECL-II)A&B	1	1	1	-	2	1	2	2	-	2	-	2	1.56	-	-	*2*
C129(OPPL)A&B	2.66	2.66	2.33	-	2	-	-	-	-	-	-	2	2.33	-	-	2
C211(SRP)A&B	2	2.5	-	-	**2**	-	-	-	-	-	-	-	2.17	-	-	2
C212(MFCS)A&B	2	3	-	-	2	-	-	-	-	-	-	-	2.33	-	-	2.5
C213(DLD)A&B	2.3	2	2.5	-	-	-	-	-	-	-	-	-	2.27	3	1	2
C214(PP)A&B	2.5	2	2.33	1	2	-	-	-	-	-	-	2	1.97	2.16	-	3
C215(DS)A&B	2.33	2	2	-	3	-	-	-	3	-	-	-	2.47	3	-	2.4
C216(CG)A&B	1.6	2	2.3	-	3	-	-	-	-	-	-	2	2.18	3	-	2
C217 (DS Lab)A&B	2	2.5	3	-	3	-	-	-	-	-	-	2	2.50	2	-	3
C218(PP Lab)A&B	2	2.3	3	-	2	-	-	-	-	-	-	2	2.26	3	-	2
C221(SE)A&B	2.3	2.4	2	-	-	-	-	-	-	-	-	-	2.23	-	-	3
C222(JP)A&B	2	2.83	3	3	1.5	-	-	-	1	-	-	2	2.19	2	-	3
C223(ADS)A&B	2	2.33	2.5	-	2.5	-	-	-	-	-	-	-	2.33	3	-	2.33
C224(CO)A&B	1.83	2	1.83	2.33	-	-	-	-	-	-	-	-	2.00	3	-	2.16
C225(FLAT)A&B	1.16	2	2.3	2	-	-	-	-	-	-	-	1	1.69	2.33	-	2.5
C226(PPL)A&B	2.16	2.83	3	-	-	-	-	-	-	-	-	-	2.66	3	-	2.16
C227(ADS Lab)A&B	2.33	2.2	2.25	-	2.2	-	-	-	2.2	-	-	-	2.24	3	-	2.33
C228(JP Lab)A&B	1	3	3	3	3	-	-	-	-	-	-	2	2.50	3	-	3
C311(CD)A&B	2	2.2	2	-	2	-	-	-	-	-	-	2	2.04	3	-	2.6
C312(DCCN)A&B	2	-	-	-	2	2	-	-	-	2.66	-	2.4	2.21	3	-	1
C313(PPL)A&B	2.16	2.83	3	-	-	-	-	-	-	-	-	-	2.66	3	-	2.16
C314(DBMS)A&B	2.33	2	2	-	2.5	-	2	-	-	-	-	-	2.17	2.66	-	1.66
C315(OS)A&B	2.15	2.5	2.2	-	1	-	-	-	-	-	-	1	1.77	3	-	2.3

C316(CD L)A&B	2	3	-	-	-	-	-	-	-	-	-	-	2.50	-	-	3
C317(OS&LP Lab)A&B	2.6	2.3	1.6	-	2.6	-	-	-	-	-	-	-	2.28	2	-	2
C318(DBMSL)A&B	1.7	2.3	1.7	-	3	-	-	-	-	-	-	-	2.18	2	-	3
C319(Seminar)A&B	3	2	2	1	-	2	-	2	2	2	-	2	2.00	3	-	2
C321(CN)A&B	2.16	2.33	2	-	3	-	-	-	-	-	-	2	2.30	3	-	2
C322DWDM)A&B	2.16	2.66	3	-	2.6	3	-	-	-	-	-	2	2.57	3	-	2.16
C323(DAA)A&B	2.16	2.67	3	2	-	-	-	-	-	-	1	2	2.14	2	-	3
C324(SE)A&B	1.25	-	2.66	2	1.33	-	-	3	2	2	2	2	2.03	1.4	-	1.75
C325(WT)A&B	2.66	2.16	2.33	-	-	-	-	-	-	-	1	2	2.03	3	1	3
C326(CN LAB)A&B	2.5	2.33	2	-	3	-	-	-	-	-	-	2	2.37	2	-	3
C327(SE LAB)A&B	1.5	-	2.5	-	1.66	-	-	3	2.5	2	2	2	2.15	-	-	3
C328(WT L)A	2.5	2.16	2.4	-	2	-	-	-	-	-	1	1	1.84	3	1	3
C328(WT L)B	2.5	2.16	2.4	-	2	-	-	-	-	-	2	2	2.18	3	1	3
C329(IPR)	2	1	-	-	2	-	-	3	-	-	-	-	2.00	-	3	-
C411(CNS)A&B	2.5	2.33	2	-	-	2	-	-	2	-	-	1	1.97	3	-	2
C412(UML)A&B	2.1	2.6	2.5	-	2.3	1	-	-	-	-	-	2	2.08	3	-	2.75
C413(MC)A&B	2.1	2.5	2	-	3	-	-	-	-	-	-	2	2.32	2	-	2
C414(STM)A&B	1.5	2	2.5	-	2	-	-	-	2	-	-	2	2.00	3	-	2
C415(BD)A&B	2	2.33	1.74	-	3	-	-	-	-	-	-	2	2.21	3	-	2
C416(UML L)A&B	2.33	2.33	3	-	3	3	-	-	-	-	-	2	2.61	2	-	3
C417(MAD L)A&B	2.66	2.16	2	-	3	-	-	-	-	-	-	2.5	2.46	3	-	2
C418(ST LAB)A&B	-	2	3	-	3	-	-	-	-	-	-	3	2.75	2	-	3
C419(BD LAB)A&B	1.83	2.16	1.75	-	3	-	-	-	-	-	-	1	1.95	3	-	2
C421(HCI)A&B	2	1.83	2	-	2	-	-	-	-	-	-	-	1.96	2.66	1.66	-
C422(CC)A&B	2.16	2.2	2.33	-	2	-	-	-	-	-	-	-	2.17	1.66	-	2.33
C423(DS)A&B	2.33	2.25	3	-	2	-	-	-	2	-	-	-	2.32	3	-	2
C424(MS)A&B	2	1	-	-	-	-	-	2	-	-	3	-	2.00	-	3	-
C425(PROJECT)A&B	2.1	2.8	3	2	3	2.3	2.8	2	2.9	2.9	2	2.1	2.49	3	3	3
Curriculum mapping	2.14	2.19	2.30	2.04	2.30	2.10	2.28	2.23	2.05	2.28	1.75	1.88	2.19	2.61	1.83	2.44
Count of Courses	69	65	55	10	49	14	10	11	20	10	9	39	71	47	9	54

Note:

1. 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 "-"

It may be noted that the contents of Table 3.1.2 must be consistent with information available in Table 3.1.3 for all courses.

2. Similar table for PSOs

3.2. Attainment of Course Outcomes (50)

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

(Examples of data collection processes may include, but are not limited to, specific exam/tutorial questions, assignments, laboratory tests, project evaluation, student portfolios (A portfolio is a collection of artifacts that demonstrate skills, personal characteristics and accomplishments created by the student during study period), internally developed assessment exams, project presentations, oral exams etc.)

Each program follows the assessment manual consisting of direct and indirect attainment methods for assessing Theory couses, laboratories and projects.

Internally developed excel spread sheets are used for direct assessment. Feedback forms based on COs were framed for each class and the feedback was taken from students.

Theory Courses:

Direct Attainment

Tool used	**Frequency of data collection**	**Responsible person**	**Assessment criterion**	**Rubric for Attainment Level**	**Weightage**
Internal examinations	Twice per Semester	Examinations cell	Students scored > class average mark	1: <50% students 2: 50-70% students 3: >=70% students	58.4%
Assignments	Once per semester	Course Coordinator	Students scored > class average mark	1: <50% students 2: 50-70% students 3: >=70% students	11.6%
University Examinations	Once per semester	Examinations cell	Students scored > class average mark or Students scored >C	1: <50% students 2: 50-70% students 3: >=70% students	30%
				Total	100%

Indirect Attainment

Tool used	**Frequency of data collection**	**Responsible person**	**Assessment criterion**	**Rubric for Attainment Level**	**Weightage**
CO Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

Laboratories:

Direct method

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal Examination	Once in Semester	Lab Coordinator	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	13.3%
Day-to-day evaluation	During each lab session	Lab Coordinator	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	20%
University Examinations	Once in Semester	University appointed Examiner	Students scored > 35 Or Students scored >B grade	1: <80% students 2: 80-90% students 3: >=90 students	66.7%

Indirect Method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Lab Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

Project Work:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal Reviews	Three reviews per Semester	Project Review Committee	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	3*6.67=12%
Day-to-day	During project	Project Guide	Batch marks	1: <80%	6%

evaluation	execution (Thrice in week)			students 2: 80-90% students 3: >=90 students	
External Viva	Once in Semester	University appointed Examer	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	42%
Project Outcomes	End of Semester	Project coordinator	Count	1: <=1 2: 2 3: >2	40%

Add-on Courses:

Tool used	**Frequency of data collection**	**Responsible person**	**Assessment criterion**	**Rubric for Attainment Level**	**Weightage**
SOFTSKILLS 1	I Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students	25%
SOFTSKILLS 2	II Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students	25%
Aptitude & Reasoning	Once in Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students	25%
Python Programming	Once in year	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70%	25%

				students	

Internal Tests:

Implementation of Internal Assessment Test:

After the commencement of the semester, the course coordinator conducts two internal tests as per schedule given by JNTUK University The program coordinator will inform the course coordinator to set the question papers as per university norms

Two internal exams are conducted every semester for every course, namely Test1, Test2 and (T1, T2)

Exam Name	Units Covered	CO's Attainment Extracted
T1	1,2 & 3	CO1,CO2 & CO3
T2	4,5 & 6	CO4,CO5 & CO6

Laboratory:

Example:

Table 3.2.1: Rubrics used for continuous evaluation in every lab session

Parameters	Allotted Marks	Low	Medium	High
Record	5	Record was not submitted in the lab session	Record was submitted but incomplete	Complete Record was submitted
		0 Mark	1-2 Marks	3-5 Marks
Execution	3	Given experiment was not done/ executed in the lab session	Given experiment was done but necessary Output not shown in the lab session	Given experiment was done and also necessary Output was shown in the lab session
		0 Mark	1 Mark	3 Marks
Viva Voce	2	Student did not answer any viva voce question	Student answered only a few viva voce questions	Student answered all the viva voce questions
		0 Mark	1 Mark	2 Marks

Example:

Table 3.2.2: Rubrics used for continuous Evaluation of lab internals

Parameters	Allotted Marks	Low	Medium	High
Procedure write up	5	Student was not able to write procedure	Student was able to write the procedure but not able to show output	Student was able to write the procedure and also able to show output

		0 Mark	1-2 Marks	3-5 Marks
Execution	5	Student was not able conduct the experiment	Student was able to conduct the experiment but unable to get the output	Student was able to conduct the experiment and also able to get the output
		0 Mark	1-2 Marks	3-5 Marks
Viva Voce	5	Student did not answer any viva voce question	Student answered only a few viva voce questions	Student answered all the viva voce questions
		0 Mark	1-2 Marks	3-5 Marks

Seminar Work Evaluation:

Seminar coordinators follow rubrics, which are set by the Department coordinator for evaluation of seminar work and report prepared by the students in VIII semester. Seminar coordinator conducts one seminar per student. It was evaluated by the seminar coordinator and marks were submitted to the university.

Project Work Evaluation:

During project work, the evaluation process was divided into number of phases to assess the continuous progress (Minimum three phases).

The project guides and project coordinator follows rubrics, which is set by the department for evaluation and then submit to the head of department. Each internal guide saw the statement of project, literature of work and implementation details.

3.2.2. Record the attainment of Course Outcomes of all courses with respect to set attainment levels (40):

Program shall have set Course Outcome attainment levels for all courses.
(The attainment levels shall be set considering average performance levels in the university examination or any higher value set as target for the assessment years. Attainment level is to be measured in terms of student performance in internal assessments with respect to the Course Outcomes of a course in addition to the performance in the University examination)

Measuring Course Outcomes attained through University Examinations
Target may be stated in terms of percentage of students getting more than the university average marks or more as selected by the Program in the final examination. For cases where the university does not provide useful indicators like average or median marks etc., the program may choose an attainment level on its own with justification.

Example related to attainment levels Vs. targets: (The examples indicated are for reference only. Program may appropriately define levels)
*Attainment Level 1: **60%** students scoring more than University average percentage marks or set attainment level in the final examination.*

*Attainment Level 2: **70%** students scoring more than University average percentage marks or set attainment level in the final examination.*

*Attainment Level 3: **80%** students scoring more than University average percentage*

marks or set attainment level in the final examination.

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

- *If targets are achieved then all the course outcomes are attained for that year. Program is expected to set higher targets for the following years as a part of continuous improvement.*

- *If targets are not achieved the program should put in place an action plan to attain the target in subsequent years.*

Measuring CO attainment through Internal Assessments: (The examples indicated are for reference only. Program may appropriately define levels)

Target may be stated in terms of percentage of students getting more than class average marks or set by the program in each of the associated COs in the assessment instruments (midterm tests, assignments, mini projects, reports and presentations etc. as mapped with the COs)

Example

Mid-term test 1 addresses C202.1 and C202.2. Out of the maximum 20 marks for this test 12 marks are associated with C202.1 and 8 marks are associated with C202.2.

Examples related to attainment levels Vs. targets:
Attainment Level 1: ***60%*** *students scoring more than 60% marks out of the relevant maximum marks.*
Attainment Level 2: ***70%*** *students scoring more than 60% marks out of the relevant maximum marks.*

Attainment Level 3: ***80%*** *students scoring more than 60% marks out of the relevant maximum marks.*

- *Attainment is measured in terms of actual percentage of students getting set percentage of marks.*
- *If targets are achieved then the C202.1 and C202.2 are attained for that year. Program is expected to set higher targets for the following years as a part of continuous improvement.*
- *If targets are not achieved the program should put in place an action plan to attain the target in subsequent years.*

Similar targets and achievement are to be stated for the other midterm tests/internal assessment instruments

Course Outcome Attainment:

For example:
Attainment through University Examination: Substantial i.e. 3
Attainment through Internal Assessment: Moderate i.e. 2
Assuming 80% weightage to University examination and 20% weightage to Internal assessment, the attainment calculations will be (80% of University level) + (20% of Internal level) i.e. 80% of 3 + 20% of 2 = 2.4 + 0.4 = 2.8

Note: Weightage of 80% to University exams is only an example. Programs may decide weightages appropriately for University exams and internal assessment with due justification.

Course Attainments

AY: 2017-18-Section-A-Theory Courses

COURSE Code	CO1	CO2	CO3	CO4	CO5	CO6	Overall Course	Set Target	Attained (Y/N)
C211(SRP)	2.83	2.3	2.3	2.53	2.3	2.3	2.43	2.09	Y
C212(MFCS)	1.7	1.525	1.875	2.05	1.525	2.225	1.82	2.1	N
C213(DLD)	2.35	1.83	2	1.83	2.18	2	2.03	2.03	Y
C214(PP)	2.07	2.16	2.3	2.48	2.48	2.48	2.33	1.77	Y
C215(DS)	2.3	2.13	2.13	2.3	2.3	2.3	2.24	2.21	Y
C216(CG)	2.12	2.35	2	2.35	2	2.18	2.17	1.89	Y
C221(SE)	2.65	2.65	2.48	2.83	2.65	2.48	2.62	2.04	Y
C222(JP)	2.83	2.65	2.3	2.48	2.83	2.65	2.62	1.97	Y
C223(ADS)	2.48	2.65	2.53	2.83	2.65	2.48	2.6	2.09	Y
C224(CO)	2.35	2.35	2.35	2.23	2.47	2.23	2.33	1.79	y
C225(FLAT)	2.13	1.95	2.3	2.3	2.65	2.48	2.3	1.95	Y
C226(PPL)	2.35	2.35	2.35	2.35	2.7	2	2.35	2.3	Y
C311(CD)	2.35	2	2.18	2.18	2	1.83	2.09	1.83	Y
C312(DCCN)	2.16	2	2.33	1.68	2.16	1.68	2	2.212	N
C313(PPL)	2.53	2.53	2.47	2	2.18	2.7	2.4	2.3	Y
C314(DBMS)	2	2	2	2	2	2	2	1.94	Y
C315(OS)	2.35	2.35	1.83	1.53	2	1.65	1.95	1.69	Y
C321(CN)	2.35	2.18	2	2.18	2	1.83	2.09	2.06	Y
C322DWDM)	2.56	2.7	2.7	2.42	2.35	2.42	2.53	2.31	Y
C323(DAA)	2.18	2	2.14	2	2	2.23	2.09	1.93	Y
C324(SE)	2.35	2.47	2.47	2	2	2	2.21	1.99	Y
C325(WT)	2.3	2.3	2.48	2.48	2.3	2.3	2.36	1.83	Y
C329(IPR)	2.47	2.47	2.23	2.23	2.35	2.35	2.35	1.8	Y
C411(CNS)	1.83	1.65	1.65	2.18	1.83	1.65	1.8	1.77	Y
C412(UML)	2	1.68	1.35	1.35	2	2	2.03	1.99	Y
C413(MC)	1.6	1.6	1.7	2.3	2.3	2.2	2	2	Y
C414(STM)	1.65	1.65	1.65	1.81	1.65	1.65	1.68	1.8	N
C415(BD)	2	1.8	1.7	2.3	2.3	2.3	2.02	1.98	Y
C421(HCI)	2	2.18	2	2	2.35	2	2.09	1.8	Y
C422(CC)	2	2	2	2	2	2	2	1.95	Y
C423(DS)	2	2	2	2.18	2.18	2.18	2.08	2.08	Y
C424(MS)	1.7	1.7	1.7	1.7	1.47	1.47	2	1.8	Y

Course Attainments

AY: 2017-18-Section-B- Theory Courses

COURSE Code(NAME)	CO1	CO2	CO3	CO4	CO5	CO6	Overall Course	Set Target	Attained (Y/N)
C211(SRP)	2	2.18	2.35	2.23	2	2	2.13	2.09	Y
C212(MFCS)	1.525	1.525	1.7	1.875	1.7	2.05	1.73	2.1	N
C213(DLD)	2	1.65	1.65	1.83	2.18	2	1.89	2.03	N
C214(PP)	2.24	1.96	2.03	2.68	2.51	2.51	2.32	1.77	Y
C215(DS)	2.3	2.3	2.13	2.3	2.48	2.48	2.33	2.21	Y
C216(CG)	2	2	2	2	2	2	2.00	1.89	Y
C221(SE)	2.16	2.16	2.16	2.49	2.33	2.16	2.24	2.04	Y

C222(JP)	2.65	2.3	2.3	2.3	2.83	2.65	2.51	1.97	Y
C223(ADS)	2.3	2.3	2.3	2.65	2.65	1.95	2.36	2.09	Y
C224(CO)	2	2	2.18	2	2.23	2.23	2.11	1.79	y
C225(FLAT)	2.51	2.19	2.35	2.68	2.68	2.51	2.49	1.58	Y
C226(PPL)	2.48	2.65	2.65	3	3	2.53	2.72	2.3	Y
C311(CD)	2.3	2.48	2.65	2.65	2.65	2.3	2.51	1.83	Y
C312(DCCN)	2.49	2	2.26	2	2	2.16	2.15	2.212	N
C313(PPL)	2.35	2.53	2.35	2.35	2.42	2.28	2.38	2.3	Y
C314(DBMS)	2	2	2	2	2	2	2.00	1.94	Y
C315(OS)	2.53	2.35	2.53	2.23	2.53	2.18	2.39	1.69	Y
C321(CN)	2.65	2.48	2.2	2.3	2.3	2.65	2.43	2.06	Y
C322DWDM)	2.14	1.65	2	2.56	2.53	2.42	2.22	2.31	Y
C323(DAA)	1.88	1.88	1.84	2.05	2.17	2.17	2.00	1.93	Y
C324(SE)	2.05	2.4	2.4	2.05	1.93	1.93	2.13	1.99	Y
C325(WT)	1.86	2	1.65	1.83	2.18	1.83	1.89	1.83	Y
C326(IPR)	2	2	2	2	2	2	2.00	1.8	Y
C411(CNS)	2	1.65	1.65	2	1.83	1.83	1.83	1.77	Y
C412(UML)	2.04	1.98	1.98	2.14	2.08	2.14	2.06	1.24	y
C413(MC)	1.6	1.6	1.7	2.3	2.3	2.2	1.95	2	Y
C414(STM)	1.98	1.65	1.65	1.98	2.08	1.87	1.87	1.8	Y
C415(BD)	2	1.84	1.84	2.16	2.33	2.33	2.08	1.98	Y
C421(HCI)	2.35	2.53	1.83	2	1.65	1.83	2.03	1.8	Y
C422(CC)	2	2	2	2	2	2	2.00	1.95	Y
C423(DS)	2.53	2.16	2.43	2.16	2.33	2.16	2.30	2.08	Y
C424(MS)	2.22	2.22	2.16	2	1.78	1.78	2.03	1.8	Y

% Students attained Course Outcomes

AY: 2017-18-Section-A- Theory Courses

	Internal Examination						University %
COURSE NAME/Code	CO1 %	CO2%	CO3%	CO4%	CO5%	CO6%	
C211(SRP)	78.6	47.6	55.3	71	67	72	70
C212(MFCS)	67	60	66	77	60	78	33
C213(DLD)	78.35	28	59	51.35	70.5	65	58
C214(PP)	48.75	44	52	57.63	59.35	62.93	73
C215(DS)	45.5	53.5	44.5	51.5	58.5	52.5	78
C216(CG)	77.5	72.5	85	91	50.5	82	67
C221(SE)	69.5	64	64	86.5	66.5	59.5	73
C222(JP)	83	70	54.5	62.5	77	72.5	81
C223(ADS)	68.5	61	65	74	69	58	52
C224(CO)	67	70	67	66	75	59	59
C225(FLAT)	48	48	63	52	67	62	88
C226(PPL)	65	69	69	54	44	53	61
C311(CD)	65.5	49	63.5	72	61.5	50	64
C312(DCCN)	58	52.5	69	44	70	43.5	54
C313(PPL)	80.6	74.3	76	50	61	72.3	53
C314(DBMS)	73	85	57	84	57.15	57.8	53

C315(OS)	73.5	74	75	72.5	68.5	56.5	47
C321(CN)	63.5	57	35	58	50	46	67
C322DWDM)	76.3	71.5	68.5	83	84	78.5	62
C323(DAA)	58	54	61	53	50	51	65
C324(SE)	56	74	80	59.5	70	64	52
C325(WT)	57.33	46.5	58	52.5	41.5	29	77
C329(IPR)	77	76	53	57	72	68	55
C411(CNS)	62	41	44	63	51	45	64
C412(UML)	66	48	49	39	51	60.5	53
C413(MC)	67	74	67	59	68	71	58
C414(STM)	72	61	57	74	69	63	50
C415(BD)	59	48	60	59	63	60	72
C421(HCI)	54.5	66.5	63.5	54	78	55	56
C422(CC)	53	56	59.5	59	75.8	72.5	56
C423(DS)	57.5	57.5	55.5	63	65	69	57
C424(MS)	60	62	55	56	38	46	48

% Students attained Course Outcomes

AY: 2017-18-Section-B-Theory Courses

	Internal Examination						University%
COURSE NAME/Code	CO1%	CO2%	CO3%	CO4%	CO5%	CO6%	
C211(SRP)	53.8	52.9	51.1	71	67	58	74
C212(MFCS)	56	59	66	75	63	78	38
C213(DLD)	55	24	40.5	51.7	70	64	57
C214(PP)	54	50	46	70.5	59	58.5	70
C215(DS)	56	54	43.5	57.5	54.8	60	83.3
C216(CG)	73.5	71.5	85.5	94	79	70.5	58
C221(SE)	77	62	68	94	75.5	66	53
C222(JP)	88	61	62	58	93.5	69.5	84
C223(ADS)	56.5	63.5	59	81.5	80	40	56
C224(CO)	63	60	66	52	63	56	66
C225(FLAT)	62.5	44.5	54	70	70	59	61
C226(PPL)	63	71	72	73	48	62	72
C311(CD)	58	64	85.5	85	77	63.5	93
C312(DCCN)	77	64	54	59	65	74	52
C313(PPL)	81.3	81	81	84	80	82.6	52
C314(DBMS)	73	87	52	70.7	55.1	62.1	47
C315(OS)	82.5	62.5	66	74.5	69.5	61.3	60
C321(CN)	62	51.5	39.6	67	59.5	50	73
C322(DWDM)	81.6	68	69	82.3	85.5	77.6	57
C323(DAA)	54	52	54	67	56	55	45
C324(SE)	70	78	77	61	69	70	49
C325(WT)	53	61	30	45.5	58.5	44.5	60
C329(IPR)	60	74	71	32	56	76	51
C411(CNS)	63	52	43	60	57	48	55

C412(UML)	66	55	66	62.8	48	74.2	46
C413(MC)	82	67	59	46	46	48	60
C414(STM)	78.5	68	58	75.5	71	58	45
C415(BD)	55	41.5	38	52.5	59.5	58	56
C421(HCI)	64.5	87.1	47.5	60.5	44.5	52.5	65
C422(CC)	73	62	64	58.7	66.2	67.5	67
C423(DS)	72.5	64	66.5	48	63.5	55	66
C424(MS)	54	63	50	65	45	30	54

Course Attainments

AY: 2017-18-Section-A-LAB Courses

COURSE Code	CO1	CO2	CO3	CO4	CO5	CO6	Overall Course	Set Target	Attained (Y/N)
C217 (DS Lab)	2.65	2.65	2.8	2.89	2.91	2.8	2.78	2.22	Y
C218(PP Lab)	2	2	2.03	2.03	1.95	2	2.00	1.91	Y
C227(ADS Lab)	2.44	1.95	1.95	1.95	2.3	1.95	2.09	2.23	N
C228(JP Lab)	2.2	2	2	2.3	2	2	2.08	2.07	Y
C316(CD L)	2.1	2.1	2.1	2.1	2.1	2.1	2.10	1.8	Y
C317(OS&LP Lab)	2.4	2.7	2.3	2.3	2.7	2.3	2.45	2	Y
C318(DBMSL)	2.77	2.79	2.77	2.96	2.94	3	2.87	1.89	Y
C326(CN LAB)	2.5	2.56	2.5	2.59	2.56	2.35	2.51	2.12	Y
C327(SE LAB)	2.57	1.95	1.95	2.3	2	2	2.13	1.8	Y
C328(WT L)	1.88	1.7	1.7	1.89	1.86	1.9	1.82	1.65	Y
C416(UML L)	2.6	2.6	2.6	2.6	2.6	2.4	2.57	2.36	Y
C417(MAD L)	2.35	2.47	2.35	2	2.16	1.8	2.19	2.21	Y
C418(ST LAB)	3	3	3	3	3	3	3.00	1.84	Y
C419(BD LAB)	2.23	2.35	2.38	2.38	2.46	2.46	2.38	1.75	Y

AY: 2017-18-Section-B-LAB Courses

	Internal Examination						University%
COURSE NAME/Code	CO1%	CO2%	CO3%	CO4%	CO5%	CO6%	
C217 (DS Lab)	88	88	88	88	88	88	100
C218(PP Lab)	80.5	81.3	81.25	81.11	80	81.1	100
C227(ADS Lab)	91	89	89	96	89	88	98
C228(JP Lab)	73	73	63	80	70	74	100
C316(CD L)	67	60	69	72	69	75	100
C317(OS&LP Lab)	84	88	81	88	89	83	68
C318(DBMSL)	100	100	100	100	100	100	97.87
C326(CN LAB)	92	94	92	93	92	88	88
C327(SE LAB)	80	80	80	80	74.3	73.4	100
C328(WT L)	87	82	88	82	90	89	100
C416(UML L)	100	100	100	100	100	100	100
C417(MAD L)	91	94	91	82	91	86	84
C418(ST LAB)	67.8	67.8	67.8	76.2	67.8	70.2	76.79
C419(BD LAB)	75	84	76	77	69	73	80

% Students attained Course Outcomes

AY: 2017-18-Section-A-LAB Courses

	Internal Examination	University

COURSE NAME(Code)	CO1 %	CO2%	CO3%	CO4%	CO5%	CO6%	%
C217 (DS Lab)	87.9	87	92	95	95	91	100
C218(PP Lab)	79.3	75.3	73.5	77.3	73.5	77.5	100
C227(ADS Lab)	87	87	86	71	85	71	100
C228(JP Lab)	71	71	64	83	72	75	100
C316(CD L)	53	64	70	68	65	70	96
C317(OS&LP Lab)	78	92	79	79	92	79	98
C318(DBMSL)	91.6	91.6	91.6	100	91	100	96.43
C326(CN LAB)	89	91	89	95	92	85	83
C327(SE LAB)	64.9	64.9	64.9	74	83	83	100
C328(WT L)	88	88	88	88	88	88	72
C416(UML L)	87	83	87	87	82	77	96
C417(MAD L)	90	96	90	84	89	79	82
C418(ST LAB)	77.6	75.2	75.3	75.8	64.8	69.1	100
C419(BD LAB)	73	83	82	82	84	86	84

AY: 2017-18-Section-B-LAB Courses

	Internal Examination						University%
COURSE NAME/Code	CO1%	CO2%	CO3%	CO4%	CO5%	CO6%	
C217 (DS Lab)	88	88	88	88	88	88	100
C218(PP Lab)	80.5	81.3	81.25	81.11	80	81.1	100
C227(ADS Lab)	91	89	89	96	89	88	98
C228(JP Lab)	73	73	63	80	70	74	100
C316(CD L)	67	60	69	72	69	75	100
C317(OS&LP Lab)	84	88	81	88	89	83	68
C318(DBMSL)	100	100	100	100	100	100	97.87
C326(CN LAB)	92	94	92	93	92	88	88
C327(SE LAB)	80	80	80	80	74.3	73.4	100
C328(WT L)	87	82	88	82	90	89	100
C416(UML L)	100	100	100	100	100	100	100
C417(MAD L)	91	94	91	82	91	86	84
C418(ST LAB)	67.8	67.8	67.8	76.2	67.8	70.2	76.79
C419(BD LAB)	75	84	76	77	69	73	80

AY: 2017-18-Project sample Attainment for Batch

COURSE Code(NAME)	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**	**CO6**	**Overall Course**	**Set Target**	**Attained (Y/N)**
C425(PROJECT)	2.35	2.35	2.35	2.35	2.35	2.35	2.35	1.19	Y

Indirect assessment: Section-A-2017-18

COURSE Code	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**	**CO6**	**Overall Course**
C211(SRP)	2.11	1.91	1.98	2.08	1.89	2.09	2.01

C212(MFCS)	1.98	1.91	1.98	1.94	1.92	1.91	1.94
C213(DLD)	2.00	1.87	1.83	1.89	1.83	1.96	1.90
C214(PP)	2.04	1.85	1.94	1.85	2.15	2.17	2.00
C215(DS)	1.81	1.79	2.09	2.08	1.89	2.00	1.94
C216(CG)	2.04	2.08	1.89	1.89	2.02	1.91	1.97
C217 (DS Lab)	2.08	2.13	1.96	1.91	1.89	1.94	1.98
C218(PP Lab)	1.98	2.13	1.96	2.08	1.75	1.85	1.96
C221(SE)	1.96	2.19	1.92	2.00	2.00	1.94	2.00
C222(JP)	2.38	1.87	2.09	1.92	2.13	1.98	2.06
C223(ADS)	2.00	2.02	2.13	2.06	1.89	1.94	2.01
C224(CO)	1.92	2.25	2.19	2.06	1.70	2.17	2.05
C225(FLAT)	1.85	2.06	1.87	2.06	1.94	1.79	1.93
C226(PPL)	2.09	1.75	1.94	1.98	2.06	1.87	1.95
C227(ADS Lab)	1.94	1.94	2.13	1.98	1.98	1.98	1.99
C228(JP Lab)	2.04	2.13	2.04	1.85	2.11	1.92	2.02
C311(CD)	1.83	1.91	2.04	2.02	1.96	2.02	1.96
C312(DCCN)	2.02	1.94	2.00	1.83	2.06	1.96	1.97
C313(PPL)	1.87	2.00	2.11	1.96	2.06	1.96	1.99
C314(DBMS)	1.94	2.15	2.00	2.08	2.00	2.00	2.03
C315(OS)	2.00	2.13	2.02	1.92	2.11	1.81	2.00
C316(CD L)	2.13	2.19	1.79	1.98	1.98	2.11	2.03
C317(OS&LP Lab)	2.13	2.00	2.09	1.87	2.19	1.87	2.03
C318(DBMSL)	1.96	1.83	2.06	1.87	2.11	1.98	1.97
C321(CN)	1.91	1.92	2.06	2.06	1.98	2.06	2.00
C322DWDM)	2.11	2.17	2.06	2.15	2.17	2.06	2.12
C323(DAA)	2.15	1.91	1.89	1.89	1.91	2.02	1.96
C324(SE)	2.06	2.17	2.02	2.09	2.06	2.09	2.08
C325(WT)	2.02	2.09	2.00	1.96	1.98	1.96	2.00
C329(IPR)	1.92	1.98	1.94	2.02	1.91	1.98	1.96
C326(CN LAB)	2.02	1.94	2.17	2.00	1.98	2.15	2.04
C327(SE LAB)	2.04	1.92	1.98	1.89	1.96	1.91	1.95
C328(WT L)	1.98	1.98	2.02	1.85	1.98	2.15	1.99
C411(CNS)	1.89	1.92	2.08	1.94	2.25	1.98	2.01
C412(UML)	2.06	1.96	2.08	1.94	2.04	1.98	2.01
C413(MC)	2.09	2.19	2.00	2.08	1.92	2.08	2.06
C414(STM)	2.08	2.02	1.85	1.94	1.96	2.02	1.98
C415(BD)	1.79	2.17	2.04	1.98	2.00	2.04	2.00
C416(UML L)	2.08	2.02	2.04	2.04	2.09	2.21	2.08
C417(MAD L)	1.87	1.74	1.96	2.09	2.04	1.94	1.94
C418(ST LAB)	2.06	1.87	1.91	2.11	2.06	1.96	1.99
C419(BD LAB)	2.00	2.13	1.96	2.13	1.81	1.79	1.97
C421(HCI)	2.21	1.98	1.94	1.94	2.04	2.15	2.04
C422(CC)	1.98	2.11	2.06	2.08	1.92	1.74	1.98
C423(DS)	1.94	2.11	2.08	2.13	1.96	1.94	2.03
C424(MS)	2.13	1.74	2.00	1.83	2.17	2.06	1.99
C425(PROJECT)	1.98	2.15	1.85	1.91	1.81	2.17	1.98

Indirect assessment: Section-B-2017-18

COURSE Code	CO1	CO2	CO3	CO4	CO5	CO6	Overall Course
C211(SRP)	2.08	2.08	2.09	2.15	2.08	1.85	2.05
C212(MFCS)	2.04	1.89	2.15	2.00	1.83	2.15	2.01
C213(DLD)	1.92	2.09	2.04	2.15	1.94	2.15	2.05
C214(PP)	1.98	2.00	1.96	1.98	2.09	1.77	1.97
C215(DS)	1.91	2.00	2.06	1.89	1.96	1.94	1.96
C216(CG)	2.02	1.96	2.02	2.08	1.96	2.21	2.04
C217 (DS Lab)	2.04	2.17	1.85	1.94	1.85	1.96	1.97
C218(PP Lab)	2.15	2.06	1.85	1.89	1.96	2.19	2.02
C221(SE)	2.00	2.02	2.26	1.94	1.79	2.15	2.03
C222(JP)	2.00	2.00	2.06	2.13	1.85	2.00	2.01
C223(ADS)	2.06	1.92	2.15	2.08	2.02	1.89	2.02
C224(CO)	2.23	1.96	2.02	1.94	2.04	1.98	2.03
C225(FLAT)	2.00	1.89	2.02	1.85	1.94	1.98	1.95
C226(PPL)	1.94	1.91	2.06	2.06	2.08	1.96	2.00
C227(ADS Lab)	1.91	1.98	2.02	2.13	1.91	1.79	1.96
C228(JP Lab)	2.02	2.13	2.04	1.98	2.11	2.15	2.07
C311(CD)	1.96	2.09	2.11	2.06	1.87	1.83	1.99
C312(DCCN)	2.21	1.85	1.91	2.21	2.06	2.02	2.04
C313(PPL)	1.91	1.89	1.94	2.02	2.04	2.17	1.99
C314(DBMS)	1.98	2.09	2.00	2.11	2.09	1.96	2.04
C315(OS)	2.00	2.00	2.04	1.94	2.11	1.94	2.01
C316(CD L)	1.81	2.11	1.85	1.98	1.94	2.06	1.96
C317(OS&LP Lab)	1.94	2.04	1.77	2.09	2.06	1.91	1.97
C318(DBMSL)	1.91	1.96	2.06	2.13	1.81	1.92	1.97
C321(CN)	1.94	2.09	1.98	2.02	1.83	1.91	1.96
C322DWDM)	1.98	2.19	2.00	2.08	1.92	1.96	2.02
C323(DAA)	2.09	2.08	1.92	2.21	1.96	1.81	2.01
C324(SE)	1.91	2.00	2.13	2.09	2.25	2.21	2.10
C325(WT)	1.96	2.02	2.13	1.92	1.89	1.75	1.95
C329(IPR)	1.83	1.75	1.87	2.09	2.00	1.94	1.92
C326(CN LAB)	2.02	1.89	1.92	2.09	1.94	2.02	1.98
C327(SE LAB)	1.91	2.04	1.94	1.98	2.11	1.89	1.98
C328(WT L)	2.19	2.06	1.85	2.00	2.09	2.02	2.03
C411(CNS)	1.79	2.15	1.96	2.06	2.17	2.15	2.05
C412(UML)	1.96	1.87	2.09	2.02	1.83	1.94	1.95
C413(MC)	2.11	2.13	1.98	2.00	2.11	2.02	2.06
C414(STM)	2.06	1.91	1.89	2.08	1.89	2.26	2.01
C415(BD)	2.02	2.17	1.92	1.98	2.00	2.06	2.03
C416(UML L)	2.00	2.11	1.98	1.96	1.98	2.13	2.03
C417(MAD L)	1.94	1.89	1.96	1.92	2.17	2.04	1.99
C418(ST LAB)	1.94	1.70	1.89	2.23	2.08	2.06	1.98
C419(BD LAB)	2.09	2.11	2.13	1.94	2.11	2.00	2.07
C421(HCI)	1.89	1.98	1.91	2.02	2.15	2.13	2.01
C422(CC)	1.96	2.06	1.85	1.83	2.04	1.98	1.95

C423(DS)	2.04	1.89	1.94	1.91	2.04	1.92	1.96
C424(MS)	2.08	2.04	1.85	1.92	2.09	1.94	1.99
C425(PROJECT)	1.83	2.04	1.91	2.11	2.02	2.02	1.99

Overall assessment: Section-A-2017-18

COURSE Code	Direct	Indirect	Overall Course
C211(SRP)	2.43	2.01	2.35
C212(MFCS)	1.82	1.94	1.84
C213(DLD)	2.03	1.9	2.00
C214(PP)	2.33	2	2.26
C215(DS)	2.24	1.94	2.18
C216(CG)	2.17	1.97	2.13
C217 (DS Lab)	2.78	1.98	2.62
C218(PP Lab)	2.00	1.96	1.99
C221(SE)	2.62	2	2.50
C222(JP)	2.62	2.06	2.51
C223(ADS)	2.6	2.01	2.48
C224(CO)	2.33	2.05	2.27
C225(FLAT)	2.3	1.93	2.23
C226(PPL)	2.35	1.95	2.27
C227(ADS Lab)	2.09	1.99	2.07
C228(JP Lab)	2.08	2.02	2.07
C311(CD)	2.09	1.96	2.06
C312(DCCN)	2	1.97	1.99
C313(PPL)	2.4	1.99	2.32
C314(DBMS)	2	2.03	2.01
C315(OS)	1.95	2	1.96
C316(CD L)	2.10	2.03	2.09
C317(OS&LP Lab)	2.45	2.03	2.37
C318(DBMSL)	2.87	1.97	2.69
C321(CN)	2.09	2	2.07
C322DWDM)	2.53	2.12	2.45
C323(DAA)	2.09	1.96	2.06
C324(SE)	2.21	2.08	2.18
C325(WT)	2.36	2	2.29
C329(IPR)	2.35	1.96	2.27
C326(CN LAB)	2.51	2.04	2.42
C327(SE LAB)	2.13	1.95	2.09
C328(WT L)	1.82	1.99	1.86
C411(CNS)	1.8	2.01	1.84
C412(UML)	2.03	2.01	2.03
C413(MC)	2	2.06	2.01
C414(STM)	1.68	1.98	1.74
C415(BD)	2.02	2	2.02

C416(UML L)	2.57	2.08	2.47
C417(MAD L)	2.19	1.94	2.14
C418(ST LAB)	3.00	1.99	2.80
C419(BD LAB)	2.38	1.97	2.30
C421(HCI)	2.09	2.04	2.08
C422(CC)	2	1.98	2.00
C423(DS)	2.08	2.03	2.07
C424(MS)	2	1.99	2.00
C425(PROJECT)	2.9	1.98	2.72
		Total	2.19

Overall assessment: Section-B-2017-18

COURSE Code	Direct	Indirect	Overall Course
C211(SRP)	2.26	2.05	2.22
C212(MFCS)	1.87	2.01	1.90
C213(DLD)	1.98	2.05	1.99
C214(PP)	2.20	1.97	2.15
C215(DS)	2.12	1.96	2.09
C216(CG)	2.09	2.04	2.08
C217 (DS Lab)	2.46	1.97	2.36
C218(PP Lab)	1.99	2.02	1.99
C221(SE)	2.37	2.03	2.30
C222(JP)	2.40	2.01	2.32
C223(ADS)	2.36	2.02	2.30
C224(CO)	2.22	2.03	2.18
C225(FLAT)	2.15	1.95	2.11
C226(PPL)	2.19	2	2.15
C227(ADS Lab)	2.05	1.96	2.03
C228(JP Lab)	2.06	2.07	2.06
C311(CD)	2.04	1.99	2.03
C312(DCCN)	1.99	2.04	2.00
C313(PPL)	2.24	1.99	2.19
C314(DBMS)	2.01	2.04	2.02
C315(OS)	1.97	2.01	1.98
C316(CD L)	2.07	1.96	2.05
C317(OS&LP Lab)	2.28	1.97	2.22
C318(DBMSL)	2.51	1.97	2.40
C321(CN)	2.05	1.96	2.04
C322DWDM)	2.37	2.02	2.30
C323(DAA)	2.04	2.01	2.03
C324(SE)	2.16	2.1	2.15
C325(WT)	2.22	1.95	2.16
C329(IPR)	2.19	1.92	2.14
C326(CN LAB)	2.32	1.98	2.25
C327(SE LAB)	2.06	1.98	2.04

C328(WT L)	1.89	2.03	1.92
C411(CNS)	1.88	2.05	1.92
C412(UML)	2.02	1.95	2.01
C413(MC)	2.02	2.06	2.03
C414(STM)	1.80	2.01	1.84
C415(BD)	2.01	2.03	2.02
C416(UML L)	2.37	2.03	2.30
C417(MAD L)	2.09	1.99	2.07
C418(ST LAB)	2.60	1.98	2.47
C419(BD LAB)	2.21	2.07	2.19
C421(HCI)	2.07	2.01	2.06
C422(CC)	1.99	1.95	1.98
C423(DS)	2.06	1.96	2.04
C424(MS)	2.00	1.99	1.99
C425(PROJECT)	2.9	1.99	2.72
		Total	2.12

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

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

(Describe the assessment tools and processes used to gather the data upon which the evaluation of each of the Program Outcomes and Program Specific Outcomes is based indicating the frequency with which these processes are carried out. Describe the assessment processes that demonstrate the degree to which the Program Outcomes and Program Specific Outcomes are attained and document the attainment levels)

PO attainments are calculated based the following tools:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level
Course work	Once per semester	Course coordinator	Individual PO Avg*CO Attainment/PO AVG	1: <40% students 2: 40-60% students 3: >60% students
Lab work	Once per semester	Lab Coordinator	Individual PO Avg*CO Attainment/PO AVG	1: <40% students 2: 40-60% students 3: >60% students
Project work	Once per semester	Examinations cell	Students scored > class average mark	1: <40% students 2: 40-60% students 3: >60% students
CO Feedback	Once per semester	HOD	Students scored > class average mark	1: Poor 2: Satisfactory 3: Very Good
Exit student Feedback	Once per year	HOD	Average of entire feedback	1: Poor 2: Satisfactory 3: Very Good
Alumni Feedback	Once per year	Alumni coordinator	Average of entire feedback	1: Poor 2: Satisfactory 3: Very Good
Employer feedback	Once per year	T&PCG Coordinator	Average of entire	1: Poo1: Poor 2: Satisfactory

			feedback	3: Very Good
Add-on Courses (Co-Curricular)	Once per year	T&PCG Coordinator	Number of Courses	1Add on Course : Poor(1) 2 Add on courses: Satisfactory(2) 3or more : Very Good(3)
Guest Lecturers (Co-Curricular)	Once per year	Dept. Association Coordinator	Number of Lectures	1-2 Lectures-Poor(1) 3-4 Lectures-Satisfactory(2) >=5 Lectures-Very Good(3)
Projects Exhibition (Co-Curricular)	Once per year	Dept. Association Coordinator	Number of Expos	Nil: Poor(1) Every Year: Satisfactory(2) Every Semester: Very Good(3)
Paper Presentations (Co-Curricular)	Once per year	Dept. Association Coordinator	Number of Publications	Nil: Poor(1) Every Year: Satisfactory(2) Every Semester: Very Good(3)
NSS Activities (Extra-Curricular)	Once per year	NSS Committee Coordinator	Number of Activities	<25% Students Participate: Poor(1) 26-50% Students Participate: Satisfactory(2) >50% Students Participate: Very Good(3)
Program on Environment/ Sustainability Organized (Co-Curricular)	Once per year	NSS Committee Coordinator	Number of Events	Nil: Poor(1) 1 or 2 events: Satisfactory(2) >=3 events : Very Good(3)
Programs on Health or Course on Human Anatomy	Once per year	NSS Committee Coordinator	Number of Events	Nil: Poor(1) 1 or 2: Satisfactory(2) 3or more: Very Good(3)
Programs on Safety Engineering	Once per year	NSS Committee Coordinator	Number of Events	Nil: Poor(1) 1 or 2: Satisfactory(2) 3or more: Very Good(3)
Programs on Intellectual Property Rights	Once per year	R&D Committee Coordinator	Number of Events	Nil: Poor(1) 1 or 2: Satisfactory(2) 3or more: Very Good(3)
Project Management & Finance Guest Lecturers (Co-Curricular)	Once per year	Project Coordinator	Number of Lectures	Nil: Poor(1) 1 or 2: Satisfactory(2) >=3: Very Good(3)
Library, Internet Hours (Co-Curricular)	Once per year	Library & IC Committee Coordinator	Number of Hours	Nil: Poor(1) Lib/Internet: Satisfactory(2) Both: Very Good(3)
Entrepreneurships – Lecturers (Co-Curricular)	Once per year	EDC Coordinator	Number of Lectures	Nil -Poor(1) 1-2 Lectures-Satisfactory(2) >=3 Lectures-Very Good(3)
Programs on Business Laws	Once per year	EDC Coordinator	Number of Events	Nil: Poor(1) 1 or 2: Satisfactory(2) 3or more: Very Good(3)
Students' Seminar & English Communication Hours (Co-Curricular)	Once per year	Professional Societies Coordinator	Number of Hours	Nil: Poor(1) Either : Satisfactory(2) Both:: Very Good(3)
Programs on Ethics (Co-Curricular)	Once per year	Arts & Cultural Coordinator	Number of Events	Nil: Poor(1) 1 or 2: Satisfactory(2) >=3: Very Good(3)
Ethical Practices – Like Honesty Shops, Yoga, etc.,	Once per year	Arts & Cultural Coordinator	Number of Practices	Nil: Poor(1) 1 or 2: Satisfactory(2) >=3: Very Good(3)

(Extra-Curricular)				
Students' Participation in Cultural Events, Activities	Once per year	Arts & Cultural, Sports & Games Committee Coordinators	Number of Activities	Nil: Poor(1) 1 or 2: Satisfactory(2) 3or more: Very Good(3)

Weightage

Tool used	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Course work	40	40	40	40	40	30	20	20	10	20	20	20	40	40	40
Lab work	10	10	10	10	10	10	10	20	20	20	20	20	10	10	10
Project work	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10
CO Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Exit student Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Alumni Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Employer feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Add-on Courses (Co-Curricular)	5	5	5	5	5							5			5
Guest Lecturers(Co-Curricular)	5	5	5	5	5							5			
Projects Exhibition (Co-Curricular)	5	5	5	5	5	10			10			5	10		
Paper Presentations (Co-Curricular)	5	5	5	5	5					10					
NSS Activities (Extra-Curricular)						10	10		10						
Program on Environment/ Sustainability Organized (Co-Curricular)							5								
Programs on Health or Course on Human Anatomy							10	5							
Programs on Safety Engineering							10								
Programs on Intellectual Property Rights								5							
Project Management & Finance Guest Lecturers (Co-Curricular)											10		5	5	10
Library, Internet Hours (Co-Curricular)												5		5	
Entrepreneurships – Lecturers (Co-Curricular)											5				
Programs on Business Laws											5				
Students' Seminar & English Communication Hours (Co-Curricular)										5			5	5	
Programs on Ethics (Co-Curricular)						5	5	10						5	5
Ethical Practices – Like Honesty Shops, Yoga, etc., (Extra-Curricular)						5		5							

Students' Participation in Cultural Events, Sports events and annual Activities								5	10	5					

Indirect Attainment weightage

Tool used	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Employer feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Alumni Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Exit student Feedback	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Overall PO attainment

Method used
Direct (80%)
Indirect (20%)

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

Program shall set Program Outcome attainment levels for all POs & PSOs.

(The attainment levels by direct (student performance) and indirect (surveys) are to be presented through Program level Course – PO & PSO matrix as indicated).

PO Attainment:

Note: *Similar table is to be prepared for PSOs*

C101, C102 are indicative courses in the first year. Similarly, C409 is final year course.

First numeric digit indicates year of study and remaining two digits indicate course nos. in the respective year of study.

- Direct attainment level of a PO & PSO is determined by taking average across all courses addressing that PO and/or PSO. Fractional numbers may be used for example 1.55.

- Indirect attainment level of PO & PSO is determined based on the student exit surveys, employer surveys, co-curricular activities, extracurricular activities etc.

Example:

1. It is assumed that a particular PO has been mapped to four courses C2O1, C3O2, C3O3 and C4O1

2. The attainment level for each of the four courses will be as per the examples shown in 3.2.2

3. PO attainment level will be based on attainment levels of direct assessment and indirect assessment

4. For affiliated, non-autonomous colleges, it is assumed that while deciding on overall attainment level 80% weightage may be given to direct assessment and 20% weightage to indirect assessment through surveys from students(largely), employers (to some extent). Program may have different weightages with appropriate justification.

5. Assuming following actual attainment levels:

Direct Assessment

C201 –High (3)

C302 – Medium (2)

C303 – Low (1)

C401 – High (3)

Attainment level will be summation of levels divided by no. of courses 3+2+1+3/4=

9/4=2.25

Indirect Assessment

Surveys, Analysis, customized to an average value as per levels 1, 2 & 3.

Assumed level - 2

6. PO Attainment level will be 80% of direct assessment + 20% of indirect assessment i.e.

1.8 + 0.4 = 2.2.

Note: Similarly for PSOs

AY: 2017-18-Section-A

COURSE NAME/Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C211(SRP)	2.08	2.6	-	-	2.08	-	-	-	-	-	-	-	-	-	2
C212(MFCS)	1.56	2.34	-	-	1.56	-	-	-	-	-	-	-	-	-	2.5
C213(DLD)	2.06	1.76	2.21	-	-	-	-	-	-	-	-	-	3	1	2
C214(PP)	2.95	2.36	2.75	1.18	2.36	-	-	-	-	-	-	2.36	2.16	-	3
C215(DS)	2.12	1.82	1.82	-	2.73	-	-	-	2.73	-	-	-	3	-	2.4
C216(CG)	1.65	2.06	2.37	-	3	-	-	-	-	-	-	2.06	3	-	2
C217 (DS Lab)	2.22	2.78	3	-	3	-	-	-	-	-	-	2.22	2	-	3
C218(PP Lab)	2.34	1.87	2.18	1.87	1.87	-	-	-	-	-	-	1.87	2.16	-	3

C221(SE)	2.7	2.8	2.3	-	-	-	-	-	-	-	-		-	-	3
C222(JP)	2.39	3	3	3	1.79	-	-	-	1.19	-	-	2.39	2	-	3
C223(ADS)	2.2	2.6	2.8	-	2.8	-	-	-	-	-	-	-	3	-	2.33
C224(CO)	2.15	2.35	2.15	2.72	-	-	-	-	-	-	-	-	3	-	2.16
C225(FLAT)	1.57	2.7	3	2.72	-	-	-	-	-	-	-	1.36	2.33	-	2.5
C226(PPL)	1.91	2.5	2.65	-	-	-	-	-	-	-	-	-	3	-	2.16
C227(ADS Lab)	1.92	2.1	2.24	-	-	-	-	-	-	-	-	-	3	-	2.3
C228(JP Lab)	1.87	2.62	2.16	2.16	0.93	-	-	-	-	-	-	1.87	2	-	3
C311(CD)	2.4	2.64	2.4	-	2.4	-	-	-	-	-	-	2.4	3	-	2.6
C312(DCCN)	1.8	-	-	-	1.8	1.8	-	-	-	2.4	-	2.16	3	-	1
C313(PPL)	1.94	2.55	2.7	-	-	-	-	-	-	-	-	-	3	-	2.16
C314(DBMS)	2.15	1.85	1.85	-	2.31	-	1.85	-	-	-	-	-	2.66	-	1.66
C315(OS)	2.3	1.5	2	-	1	-	-	-	-	-	-	-	3	-	2.3
C316(CD L)	2.05	2.26	-	2.05	-	-	-	-	-	-	-	2.05	3	-	2.6
C317(OS&LP Lab)	2.8	2.5	1.6	-	2.7	-	-	-	-	-	-	-	2	-	2
C318(DBMSL)	2.2	2.94	3	-	3	-	-	-	-	-	-	-	2	-	3
c319(Seminar)	3	2	2	1	-	2	-	2	2	2	-	2	3	-	2
C321(CN)	1.97	2.12	1.82		2.73				2.86			1.82	3	-	2
C322DWDM)	2.12	2.6	2.95		2.5	2.9						1.96	3	-	2.16
C323(DAA)	2.11	2.604	2.92	1.95	-	-	-	-	-	-	0.97	1.95	2	-	3
C324(SE)	1.36		2.92	2.18	1.45	-	-	0.67	2.18	2.18	2.18	2.18	1.4	-	1.75
C325(WT)	2.09	2.51	2.7	-	-	-	-	-	-	-	1.16	2.32	3	1	3
C329(IPR)	2.35	1.17	-	-	2.35	-	-	3	-	-	-	-	-	3	-
C326(CN LAB)	2.35	2.19	1.88	-	2.82	-	-	-	-	-	-	1.88	2	-	3
C327(SE LAB)	1.06	2.12	2.12	-	2.12	-	-	-	2.12	-	-	2.12	2	-	3
C328(WT L)	2.47	2.13	2.37	-	1.97	-	-	-	-	-	0.98	0.98	3	1	3
C411(CNS)	2.52	2.36	2.02	-	-	2.02	-	-	2.02	-	-	1.01	3	-	2
C412(UML)	1.92	2.25	2.5	-	2	-	-	-	-	-	-	2	3	-	2.75
C413(MC)	1.8	2.2	1.7		2.6							1.7	2	-	2
C414(STM)	1.26	1.68	2.1		1.68				1.68			1.68	3	-	2
C415(BD)	1.82	2.12	1.59		2.74							1.82	3	-	2
C416(UML L)	1.92	2.05	2.5	-	1.82	3	-	-	-	-	-	1.82	3	-	2.1
C417(MAD L)	2.5	2.03	1.88	-	2.8	-	-	-	-	-	-	2.35	3	-	2
C418(ST LAB)	-	1.33	3	-	3	-	-	-	-	-	-	3	2	-	3
C419(BD LAB)	2.24	2.64	2.14	-	2.38	-	-	-	-	-	-	1.22	3	-	2
C421(HCI)	2.09	1.91	2.09		2.09								2.66	1.66	-
C422(CC)	1.99	2.2	2.14		2.31		1.84						1.66	-	2.33
C423(DS)	2.1	2.03	2.71		1.8				1.8				3	-	2
C424(MS)	2	1	-	-	-	-	-	2	-	-	3	-	-	3	-
C425(PROJECT)	*2.25*	*0.75*	*2.25*	*0.75*	*2.25*	*1.56*	*0.78*	*0.75*	*1.5*	*1.5*	*0.75*	*1.5*	*1.54*	*1.77*	*1.54*
Direct Attainment	2.1	2.185	2.34	1.96	2.25	2.21	1.49	1.68	2.01	2.02	1.507	1.933	2.595	1.776	2.362

AY: 2017-18-Section-B

COURSE NAME/Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C211(SRP)	1.83	2.28	-	-	1.83	-	-	-	-	-	-	-	-	-	-
C212(MFCS)	1.56	2.34	-	-	1.56	-	-	-	-	-	-	-	-	-	2.5
C213(DLD)	1.91	1.66	2.07	-	-	-	-	-	-	-	-	-	3	1	2
C214(PP)	2.66	2.13	2.48	1.17	2.35	-	-	-	-	-	-	2.35	2.16	-	3
C215(DS)	2.2	1.89	1.89	-	2.84	-	-	-	2.84	-	-	-	3	-	2.4
C216(CG)	1.65	2.06	2.37	-	3	-	-	-	-	-		2.06	3	-	2

C217 (DS Lab)	2.22	2.78	3	-	3	-	-	-	-	-	-	2.22	2	-	3
C218(PP Lab)	2.66	2.13	2.48	2.13	2.13	-	-	-	-	-	-	2.13	2.16	-	3
C221(SE)	2.3	2.4	2	-	-	-	-	-	-	-	-	-	-	-	3
C222(JP)	2.28	3	3	3	1.71	-	-	-	1.14	-	-	2.28	2	-	3
C223(ADS)	2.02	2.6	2.8	-	2.8	-	-	-	-	-	-	-	3	-	2.33
C224(CO)	2.94	2.12	1.94	2.47	-	-	-	-	-	-	-	-	3	-	2.16
C225(FLAT)	2.45	2.7	2.7	-	-	-	-	-	-	-	-	1.36	2.33	-	2.5
C226(PPL)	2.2	2.89	3	-	-	-	-	-	-	-	-	-	3	-	2.16
C227(ADS Lab)	2.16	2.37	2.53	-	-	-	-	-	-	-	-	3	2	-	2.33
C228(JP Lab)	1.87	2.62	2.16	2.16	0.93	-	-	-	-	-	-	1.87	2	-	3
C311(CD)	2.21	2.43	2.21	-	2.21	-	-	-	-	-	-	2.21	3	-	2.6
C312(DCCN)	1.85	-	-	-	1.85	1.85	-	-	-	2.46	-	2.22	3	-	1
C313(PPL)	1.94	2.55	2.7	-	-	-	-	-	-	-	-	-	3	-	2.16
C314(DBMS)	2.15	1.85	1.85	-	2.31	-	1.85	-	-	-	-	-	2.66	-	1.66
C315(OS)	2.8	1.8	2.4	-	1.2	-	-	-	-	-	-	1.2	3	-	2.3
C316(CD L)	2.05	2.26	-	2.05	-	-	-	-	-	-	-	2.05	3	-	2.6
C317(OS&LP Lab)	2.9	2.5	1.7	-	2.9	-	-	-	-	-	-	-	2	-	2
C318(DBMSL)	2.31	3	3	-	3	-	-	-	-	-	-	-	2	-	3
c319(Seminar)	3	2	2	1	-	2	-	2	2	2	-	2	3	-	2
C321(CN)	1.97	2.12	1.82	-	2.73	-	-	-	2.86	-	-	1.82	3	-	2
C322(DWDM)	2.12	2.6	2..95	-	2.5	2.9	-	-	-	-	-	1.96	3	-	2.16
C323(DAA)	2.02	2.49	2.8	1.86	-	-	-	-	-	-	0.93	1.87	2	-	3
C324(SE)	1.31	-	2.8	2.1	1.4	-	-	-	2.1	2.1	2.1	2.1	1.4	-	1.75
C325(WT)	2.47	2.01	2.16	-	-	-	-	-	-	-	0.93	1.86	3	1	3
C326(CN LAB)	2.3	2.15	1.84	-	2.77	-	-	-	-	-	-	1.84	2	-	3
C327(SE LAB)	1.35	2.7	2.7	-	2.7	-	-	-	2.7	-	-	2.7	2	-	3
C328(WT L)	2.71	2.34	2.61	-	2.17	-	-	-	-	-	2.17	2.17	3	1	3
C329(IPR)	2.35	1.17	-	-	2.35	-	-	3	-	-	-	-	-	3	-
C411(CNS)	2.57	2.4	2.05	-	-	2.05	-	-	2.05	-	-	1.02	3	-	2
C412(UML)	1.8	1.59	1.2	-	1.8	-	-	-	-	-	-	2	3	-	2.75
C413(MC)	1.8	2.2	1.7	-	2.6	-	-	-	-	-	-	1.7	2	-	2
C414(STM)	1.4	1.87	2.33	-	1.87	-	-	-	1.87	-	-	1.87	3	-	2
C415(BD)	1.82	2.12	1.59	-	2.74	-	-	-	-	-	-	1.82	3	-	2
C416(UML L)	2.65	2.65	3	-	3	3	-	-	-	-	-	2	3	-	3
C417(MAD L)	2.54	2.06	1.91	-	2.86	-	-	-	-	-	-	2.38	3	-	2
C418(ST LAB)	-	1.66	2.48	-	2.48	-	-	-	-	-	-	2.48	2	-	3
C419(BD LAB)	1.73	2.04	1.65	-	2.84	-	-	-	-	-	-	-	3	-	2
C421(HCI)	2.09	1.91	2.09	-	2.09	-	-	-	-	-	-	-	2.66	1.66	-
C422(CC)	1.99	2.2	2.14	-	2.31	-	1.84	-	-	-	-	-	1.66	-	2.33
C423(DS)	2.31	2.24	2.98	-	1.99	-	-	-	1.99	-	-		3	-	2
C424(MS)	2	1	-	-	-	-	-	2	-	-	3	-	-	3	-
C425(PROJECT)	*2.22*	*0.7*	*2.2*	*0.74*	*2.22*	*0.75*	*0.7*	*0.7*	*1.5*	*1.48*	*0.74*	*1.48*	*1.5*	*1.86*	*1.29*
Direct Attainment	2.16	2.19	2.30	1.87	2.32	2.09	1.47	1.94	2.10	2.01	1.65	2.00	2.57	1.79	2.39

Indirect Attainment-2017-18

Course	*PO1*	*PO2*	*PO3*	*PO4*	*PO5*	*PO6*	*PO7*	*PO8*	*PO9*	*PO10*	*PO11*	*PO12*	*Overall Course*
Employer Feed Back	2.75	2.5	2.5	2.33	2.33	0	0	2.75	2.75	2.75	2.75	2.5	2.16
Alumni Feed Back	2.05	1.87	1.87	1.94	1.93	2.07	1.78	1.94	1.98	1.98	1.97	2.11	1.96

T&PCG(Addon	-	-	-	-	-	-	-	2	3	2	-	2	2.25
Dept.Association Events(Paper Presentaion,Prject Expo,Guest Lecture)	2	2	2	2	2			2.2	2.9	3	2	1.5	2.16
IIIC	-	2	3	-	3	2	2	2.3	2.6	3	2.5	2.2	2.46
Professional Societies (Student Seminar, English Comm. Skills)	-	-	-	-	-	-	-	-	-	3	-	-	3.00
R&D AND CONSULTANCY CELL(IPR,Projects)	2	2	2	3	2.3	2	2	2.6	2	2	3	2	2.24
Lib.& IC	-	-	-	-	-	-	-	-	-	-	-	2	2.00
NSS(NSS Activities, Programs on Environment, Programs on health, Programs on safety)	-	-	-	-	-	3	3	1.25	3	-	-	-	2.56
Arts & Cultural	-	-	-	-	-	2	2	2	1.4	1.86	-	2	1.88
Sports & Games	-	-	-	-	-	-	-	2	3	2	-	-	2.33
Indirect attainment	2.20	2.07	2.27	2.32	2.31	1.85	1.80	2.12	2.51	2.40	2.44	2.04	2.27

Over PO/PSO Attainment

Tool	*PO1*	*PO2*	*PO3*	*PO4*	*PO5*	*PO6*	*PO7*	*PO8*	*PO9*	*PO10*	*PO11*	*PO12*	*PSO1*	*PSO2*	*PSO3*
Direct Attainment (A)	2.1	2.18	2.34	1.96	2.25	2.21	1.49	1.68	2.01	2.02	1.51	1.93	2.59	1.78	2.36
Direct Attainment (B)	2.16	2.19	2.3	1.87	2.32	2.09	1.47	1.94	2.1	2.01	1.65	2	2.57	1.79	2.39
Indirect attainment	2.20	2.07	2.27	2.32	2.31	1.85	1.80	2.12	2.51	2.40	2.44	2.04	2.57	1.95	2.48
Overall Attainment	2.14	2.16	2.31	2.00	2.29	2.09	1.54	1.87	2.15	2.09	1.75	1.98	2.58	1.82	2.40

CRITERION 4	Students' Performance	150

4. STUDENTS' PERFORMANCE (150)

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2018-19	2017-18	2016-17
Sanctioned intake of the program (*N*)	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 (*N*1)	114	115	120
Number of students admitted in 2nd year in the same batch via lateral entry (*N*2)	00	00	03
Separate division students, if applicable (*N3*)	NIL	NIL	NIL
Total number of students admitted in the Program (*N*1 + *N*2 + N3)	114	115	123

Table B.44a

Year of entry	*N*1 + *N*2 + N3 (As defined above)	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
2018-19	114 (114+0+0)				
2017-18	115(115+0+0)	35			
2016-17	123(120+3+0)	44	39+1		
2015-16	118(116+2+0)	44	62+0	58+1	
2014-15	117(94+23+0)	44	56+11	54+9	54+10
2013-14	74(57+17+0)	13	27+11	28+13	34+11
2012-13	121(97+24+0)	43	35+11	61+21	51+13

Table B.4b

Year of entry	*N*1 + *N*2 + N3 (As defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
2018-19	114 (114+0+0)				
2017-18	115(115+0+0)	8			
2016-17	123(120+3+0)	0	10+1		
2015-16	118(116+2+0)	3	4+0	10+0	
2014-15	117(94+23+0)	7	1+1	5+1	13+6
2013-14	74(57+17+0)	6	2+1	11+1	3+4
2012-13	121(97+24+0)	7	8+0	5+1	6+0

Table B.4c

4.1.Enrolment Ratio (20) Enrolment Ratio= N1/N=(114+115+120)/360=**96.94%**

Item (Students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year)	**Marks**
>=90% students enrolled	20
>=80% students enrolled	18
>=70% students enrolled	16
>=60% students enrolled	14
>=50% students enrolled	12
Otherwise	0

Table B.4.1

Academic year	**N**	**N1**	**N1/N**
2018-19	120	114	0.95
2017-18	120	115	0.958
2016-17	120	120	1
Average assessment			**0.969**

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

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

SI= (Number of students who have graduated from the program without backlog)/ (Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable)

Average SI = Mean of Success Index (SI) for past three batches Success rate without backlogs in any year of study = 25 × Average SI=**6.275**

Item	**2014-18**	**2013-17**	**2012-16**
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	117 (94+23)	74 (57+17)	121 (97+24)
Number of students who have graduated without backlogs in the stipulated period	32 (27+5)	16 (9+7)	32 (24+3)
Success Index (SI)	0.273	0.216	0.264
Average SI	0.251		

Table B.4.2.1

4.2.2. Success rate with backlog in stipulated period of study (15)

SI= (Number of students who graduated from the program in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and actual admitted in 2nd year via lateral entry and separate division, if applicable)

Average SI = mean of Success Index (SI) for past three batches

Success rate = 15 × Average SI=**5.604**

Item	2014-18	2013-17	2012-16
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	117 (94+23)	74 (57+17)	121 (97+24)
Number of students who have graduated with backlog in the stipulated period	35 (28+7)	23 (16+7)	62 (48+14)
Success Index (SI)	0.299	0.31	0.512
Average Success Index	0.373		

Table B.4.2.2

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)

*Academic Performance = 1.5 * Average API (Academic Performance Index)*=**9.91**

***API** = ((Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)*

Successful students are those who are permitted to proceed to the final year.

Academic Performance	2017-18	2016-17	2015-16
Mean of CGPA or Mean Percentage of all successful students (X)	6.74	6.56	6.55
Total no. of successful students (Y)	107	110	70
Total no. of students appeared in the examination (Z)	107	110	70
API = x* (Y/Z)	6.75	6.56	6.55

Average API = (AP1 + AP2 + AP3)/3	6.61

Table B.4.3

4.4. Academic Performance in Second Year (15)

*Academic Performance Level = 1.5 * Average API (Academic Performance Index)*=**9.94**

***API** = ((Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)*

Successful students are those who are permitted to proceed to the Third year.

Academic Performance	2017-18	2016-17	2015-16
Mean of CGPA or Mean Percentage of all successful students (X)	6.87	6.8	6.58
Total no. of successful students (Y)	110	109	110
Total no. of students appeared in the examination (Z)	116	109	110
API = X* (Y/Z)	6.51	6.80	6.58
Average API = (AP1 + AP2 + AP3)/3	6.63		

Table B.4.4

4.5. Placement, Higher Studies and Entrepreneurship (40)

Assessment Points = 40 × average placement=**40*0.41=16.4**

Item	2017-18	2016-17	2015-16
Total No. of Final Year Students (N)	110	69	115
No. of students placed in companies or Government Sector (x)	41	23	57
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)	3	0	3
No. of students turned entrepreneur in engineering/technology (z)	0	0	0
x + y + z =	44	23	60
Placement Index : (x + y + z)/N	0.40	0.33	0.52
Average placement	0.41		

Table B.4.5

SRI VASAVI INSTITUTE OF ENGINEERING &TECHNOLOGY
Department of Computer Science and Engineering
Academic Year 2017-18
List of Placements of 2014-18 BATCH Students

S.No	Name of the student	Roll No	Company	Appointment Letter Reference No with Date

1	ADAPA PUJITHA	14MQ1A0502	CENTURY LINK	19-08-2018
2	KARUMURI RAJITHA	14MQ1A0514	ACUMINOUS SOFTWARE	REF.NO-E0095
3	MALLADI S SRAVANI	14MQ1A0518	INFOSYS	REF.NO-1002511
4	M MEHER GEETHA	14MQ1A0519	TCS	REF.NO-1419031
5	P MRUDULA	14MQ1A0520	INVENTIZ	24-10-2018
6	P ESWARA DEEPIKA	14MQ1A0525	INTERACTIVE	REF.NO-IDS-344
7	V V PRATHIBA	14MQ1A0530	ACRUX	08-10-2017
8	Y REVATHI DEVI	14MQ1A0534	APSSDC	19-08-2018
9	K SANKAR SURESH	14MQ1A0541	APPS ASSOCIATES	REF.NO-1541/ 17-08-2018
10	V S R ADITYA	14MQ1A0546	YASH TECHNOLOGIES	REF.NO-1008651
11	K KAVYA	14MQ1A0557	CAPGEMINI	18-12-2018
12	M TARUNA SREE	14MQ1A0563	IBM	22-08-2018
13	NIKHAT TABASSUM	14MQ1A0566	INFOSYS	REF.NO-1005087/ 01-06-2018
14	PARACHURI JAHNAVI	14MQ1A0569	INFOSYS	REF.NO-1016443
15	B SAMYUKTHA	14MQ1A0572	Q CONNEQT	REF.NO-199341
16	S HEMA MADHAVI	14MQ1A0574	CAPGEMINI	REF.NO-168290_IN
17	S POOJA SAI SRI	14MQ1A0575	BHARAT ELECTRONICS	REF.NO-C16157
18	SANDEEP	14MQ1A0580	HGS	14-09-2018
19	K N RAMABRAHMAM	14MQ1A0586	ACUVATE	03-12-2018
20	M M MURALI KRISHNA	14MQ1A0587	MINDTREE	27-05-2018
21	K VINEETHA	15MQ5A0505	HARNISH	22-10-2018
22	B SUNIL KUMAR	15MQ5A0506	INFO SERVICES	27-11-2018
23	G N V RAMU	15MQ5A0510	SYNTIZEN	REF.NO-14086
24	K MANOJ	15MQ5A0512	OTSI	REF.NO-4315
25	N BHARAT	15MQ5A0520	ACUVATE	REF.NO-VA843
26	K.V.V.L.S. LATHA	14MQ1A0516	BIZTIME	ELP2017
27	B.L. PRATAP	14MQ1A0536	IBeON INFOTECH PVT LTD	16-03-2018
28	N. MAHESWARI	14MQ1A0565	IBeON INFOTECH PVT LTD	16-03-2018
29	V.V. V. RATNAM	14MQ1A0593	FLEETALYTICS	12-01-2018
30	G.V.V.S.T. BHARAT	15MQ5A0508	ACUMINOUS SOFTWARE	23-01-2018
31	P. SOWMYA	15MQ5A0515	BIZTIME	11-12-2017
32	J .MOUNIKA	14MQ1A0511	ACUVATE	03-12-2018

33	K LAKSHMI GIRIJA	14MQ1A0513	CYIENT	16-12-2018
34	V. NIKITHA	14MQ1A0532	INFOSERVICES	27-11-2018
35	V C SRAVANI	14MQ1A0533	CYIENT	16-12-2018
36	E JAYA LAKSHMI	14MQ1A0553	INFOSERVICES	27-11-2018
37	T NANDINI	14MQ1A0576	ACUVATE	03-12-2018
38	V SRIKARI	14MQ1A0578	INFOSERVICES	27-11-2018
39	V N SUJINI	14MQ1A0579	CYIENT	16-12-2018
40	K NAVEENA	15MQ5A0504	CYIENT	16-12-2018
41	T SWATHI	15MQ5A0517	INFOSERVICES	27-11-2018

SRI VASAVI INSTITUTE OF ENGINEERING &TECHNOLOGY
Department of Computer Science and Engineering
Academic Year 2013-17
List of Placements of 2013-17 BATCH Students

S.No	Name of the student	Roll No	Company	Appointment Letter Reference No with Date
1	B VIJAYA DURGA	13MQ1A0502	Cyient	11-05-2018
2	G HIMAJA SRI	13MQ1A0507	Tech Mahindra	08-07-2018
3	K SAI NAGA DEEPTHI	13MQ1A0512	Accenture	REF.NO-11528965

4	P SHARMILA	13MQ1A0523	Genpact	REF.NO-703222149
5	P NAGA SRI SAI	13MQ1A0524	NAVAYUGA ENGINEERING PVT LTD	02-02-2018
6	S S L NAGA SAI	13MQ1A0527	NAVAYUGA ENGINEERING PVT LTD	02-02-2018
7	T SARIKA	13MQ1A0529	Cognizant	REF.NO-11186523
8	T SILPIKA	13MQ1A0530	Intelnet	REF.NO-100000000373062
9	T V S DURGA AMANI	13MQ1A0531	Intelnet	17-04-2017
10	V PAVANI TEJA	13MQ1A0534	Amazon	23-04-2018
11	V DURGA SANTHI	13MQ1A0535	Cyient	REF.NO-47684/ 06-06-2018
12	V SWAPNIKA	13MQ1A0538	Cyient	11-07-2018
13	V PRANATHI	13MQ1A0540	CONNECT	REF.NO-196923
14	Y BHANU SREE	13MQ1A0542	Cyient	REF.NO-49224/ 11-07-2018
15	P V V N VIJAY	13MQ1A0553	KARVY	REF.NO-328949
16	K T N PRAVALLIKA	14MQ5A0506	MAQ Software	REF.NO-EMPH2176
17	K J N PRASANNA	14MQ5A0509	NAVAYUGA ENGINEERING PVT LTD	02-02-2018
18	M SRAVANI	14MQ5A0510	NAVAYUGA ENGINEERING PVT LTD	02-02-2018
19	B A NARASIMHA RAO	14MQ5A0511	Dhanush Infotech	REF.NO-FRP08003
20	K J V PRAKASH	14MQ5A0512	Cognizant	REF.NO-759099/ 09-12-2018
21	M SURYA	14MQ5A0513	Cognizant	20-03-2018
22	R L D V GANESH	14MQ5A0516	Accel Frontline	REF.NO-46221
23	M SOWJANYA	13MQ1A0514	PITCS	10-04-2017

Faculty Member **HoD**

SRI VASAVI INSTITUTE OF ENGINEERING &TECHNOLOGY
Department of Computer Science and Engineering
Academic Year 2012-16
List of Placements of 2012-16 BATCH Students

S.No	Name of the student	Roll No	Company	Appointment Letter Reference No with Date
1	A SAI SOWMYA	12MQ1A0501	Ravi Sambaiah Municipal Boys	10-06-2017

			Schools	
2	CH NAGA PRIYANKA	12MQ1A0504	CREDENCYS	04-03-2016
3	CH S NAGA DURGA	12MQ1A0505	APSSDC	REF.NO-AO101701001
4	D AKHILA	12MQ1A0507	Supreme Net soft Pvt Ltd	07-07-2017
5	G RATNA KUMARI	12MQ1A0510	CREDENCYS	04-03-2016
6	G NAGA SREE	12MQ1A0512	BEL	A11578
7	L SINDHURI	12MQ1A0516	TVISHA TECH	08-06-2018
8	M Y SRI PRIYA	12MQ1A0517	ADAEQUARE	EMP.ID-904
9	MD S S BANO	12MQ1A0520	CGI	REF.NO-206146/ 28-07-2016
10	P MADHURI	12MQ1A0524	BEL	A11768
11	RACHAKULA RIDA	12MQ1A0526	ENVISTA	REF.NO-EN214/ 24-10-2016
12	K SATYAVATHI	12MQ1A0528	WIPRO	REF.NO-17007463
13	VUDATHA MANASA	12MQ1A0532	TCS	REF.NO-1578387
14	Y HARSHITHA	12MQ1A0533	Dynamics eShop	REF.NO-DES020
15	Y GANGA BHAVANI	12MQ1A0534	DS SOFTWARE	01-05-2017
16	Y PREETHI	12MQ1A0535	CYIENT	11-07-2018
17	AMMISETTI AJAY	12MQ1A0536	ACCEL FRONTLINE	REF.NO-44836
18	CH RAMKISHORE	12MQ1A0537	HCL	REF.NO-51689092
19	CH PRABHU TEJA	12MQ1A0538	BEL	REF.NO-A11777
20	D NAGA SAI KUMAR	12MQ1A0539	S CREATIVES	REF.NO-17509
21	G V R SIVA VAMSI	12MQ1A0540	RBL BANK	REF.NO-13427
22	K H CHAKRAVARTHI	12MQ1A0542	WIPRO	REF.NO-17005254
23	M D V SUNDEEP	12MQ1A0543	HTC	REF.NO-20895
24	N HEMANTH VARMA	12MQ1A0545	TOLLPLUS	10-02-2017
25	P SAI KRISHNA	12MQ1A0547	Telenext Software	28-11-2016
26	S TEJA SAI KRISHNA	12MQ1A0548	Mydream Store	15-03-2017
27	T VIJAY KUMAR	12MQ1A0549	ICICI	REF.NO-97504
28	A ANUSHA	12MQ5A0551	INDOCOS	HRD-OFFER-43-2018/ 03-08-2018
29	CH DHANEESHA	12MQ1A0553	CYIENT	REF.NO-50144
30	E SANTHI TEJA	12MQ1A0559	IVTL INFOVIEW	REF.NO-1745
31	G SUKANYA	12MQ1A0561	ZILLA PRAJA PARISHAD MTM	24-02-2018
32	PURANDHARESWARI	12MQ1A0566	SBI life Insurance	REF.NO-36021
33	M RAMYA	12MQ1A0567	WIPRO	REF.NO-20004173
34	P NISSCHALA	12MQ1A0569	EIDIKO	REF.NO-330
35	PEPETI LAVANYA	12MQ1A0571	AXIS Securities	REF.NO-207380

36	PUPPALA LAVANYA	12MQ1A0574	CYIENT	11-07-2018
37	S NALINI	12MQ1A0575	ACCEL FRONTLINE	01-08-2016
38	S RAMYA	12MQ1A0576	Supreme Net soft Pvt Ltd	07-07-2017
39	S SOWJANYA	12MQ1A0577	CREDENSYS	REF.NO-CB100S1
40	S SONAM GUDIA	12MQ1A0578	INVENTIZ	24-10-2018
41	S SULTHANA	12MQ1A0579	Supreme Net soft Pvt Ltd	07-07-2017
42	A K N SAI KRISHNA	12MQ1A0583	WIPRO	20-01-2018
43	G JOGENDRA BABU	12MQ1A0586	Hevinsoft	REF.NO-HSFTISD501
44	G T N HARISH	12MQ1A0587	Wayz Online	REF.NO-3170
45	N TEJA RAM	12MQ1A0593	Capgemini	REF.NO-203961_IN
46	P V BALA KUMAR	12MQ1A0594	Dhanush INFOTECH	REF.NO-DIIEMPO1040
47	ABDUL HABIB BASHA	13MQ5A0503	ACCEL FRONTLINE	REF.NO-44893
48	G PHANIDRA	13MQ5A0504	HCL	REF.NO-51719693
49	MOHAMMED SALEEM	13MQ5A0506	BEL	REF.NO-A11766
50	P VAMSI KRISHNA	13MQ5A0507	JMAN Group II	REF.NO-JMD20
51	S AYYAPPA	13MQ5A0510	RITWIK	RST 9224
52	T YASWANTH	13MQ5A0511	Soft Square	REF.NO-SSC-16116
53	P V MAHA LAKSHMI	13MQ5A0514	MARUTHI SUZUKI (SANTHOSH AUTOMOTORS)	12-10-2017
54	P ANNAPURNA	13MQ5A0515	CYIENT	REF.NO-39349/ 25-11-2016
55	D YASWANTH KUMAR	13MQ5A0517	HCL	REF.NO-51693523
56	G GANESH	13MQ5A0519	Power School	17-03-2017
57	K PAVAN KUMAR	13MQ5A0520	OPENVIEW	18-08-2018

4.6. Professional Activities (20)

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

The Department has CSI Professional Society Membership
Intuitional membership with Membership no :102217

Other Events Under Student Association

VOICE(Vision Of Innovative Computer Engineers)

Technical Events:

Academic Year 2018-19

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	Organized a Guest Lecture on "Block Chain Technology: The future of Cyber Security "	30-11-2018	Dr. E. Suresh Babu, Asst. professor, NIT Warangal.
2	Organized a 2 Day Hands-On Workshop on "Data Science with R Programming"	24-08-2018 to 25-08-2018.	Mr. Mehadi, Brain O Vision solutions(India) pvt. ltd

Guest Lecture on "Block Chain Technology: The future of Cyber Security "

Organized a 2 Day Hands-On Workshop on "Data Science with R Programming

Academic Year 2017-18

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	Organized a 3 Day Hands-On Workshop on "ANDROID Application Development"	31-08-2017 to 02-09- 2017	Mr. U.Venkatesh, R.Rami Reddy & T.Muneiah APPSSDC
2	Organized a 3 Day Hands-On Workshop		Mr.Ahmed Nazeer A, Mr.

	on “INTERNET OF THINGS AND ITS APPLICATIONS”	01-08-2017 to 03-08-2017	Kranthi Kumar & Mr. Siva Ram Krishna from Smart Bridge Educational Services Pvt Ltd, Hyderbad

A 3 Day Hands-On Workshop on “ANDROID Application Development”


A 3 Day Hands-On Workshop on “INTERNET OF THINGS AND ITS APPLICATIONS”


Academic Year 2016-17

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	Organized Guest Lecture on “Internet of Things”,	03-02-2017	Mr. Surabhi Bhavani Sankar, Director R&D, Efftronics Ltd., Vijayawada
2	Organized a 2 Day Hands-On Workshop on “Big Data and Hadoop”	30-09-2016 to 01-10-2016	Mr. Ujjwal Gupta, Delfip PVT Ltd, New Delhi in Association with

			IIT Kharagpur
3	Organized a Guest Lecture on “Advanced Visual Effects and 3D Animation”	28-09-2016	Mr.M.Nageswara Rao, Rotomaker Academy of Advanced Visual Effects, Vijayawada,

A 2 Day Hands-On Workshop on “Big Data and Hadoop”


A Guest Lecture on “Advanced Visual Effects and 3D Animation”


Academic Year 2015-16

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	Organized a 2 Day Workshop on "Internet of Things and its Applications"	21-01-2016 to 22-01-2016	Mr. Ahmed Nazeer , Mr. K. Amarender Smart Bridge Education Service-Hyd
2.	Organized a 2 Day Workshop on "Softskills"	29-12-2015 to 30-12-2015	Mr. K.R.J. Kennedy Bau, JKC-Hyderabad
3.	Organized a 2 Day Hands-On Workshop on "Network Simulator(ns-2)"	04-03-2015 to 05-03-2015	Sri E. Suresh Babu KL University

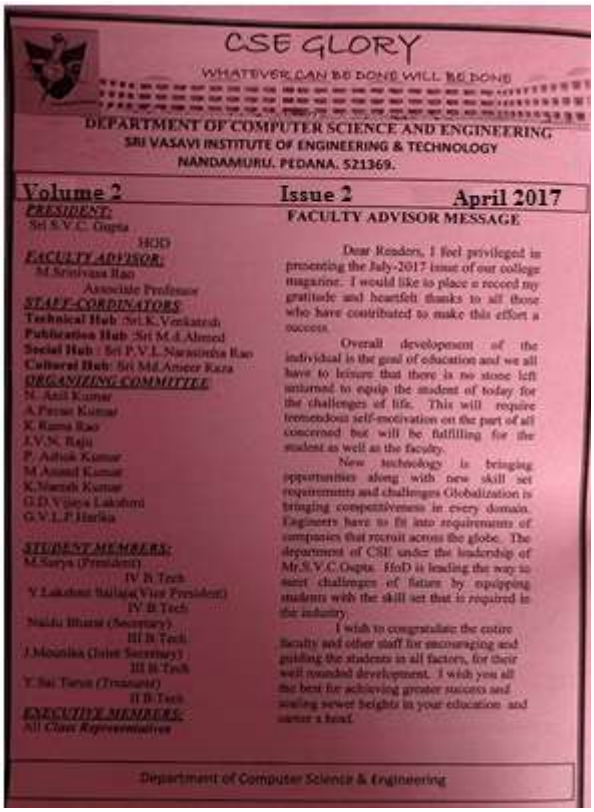
A 2 Day Workshop on "Internet of Things and its Applications"

A 2 Day Hands-On Workshop on "Network Simulator(ns-2)"


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

SI.No.	Newsletters	Co-ordinator/s	Student Members	Date
1.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	Veeramallu Harika-IV-B.tech., Jupudi Manikanta Swamy-IV-B.tech.	Volume-4,Issue-1,January-2019
2.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	Veeramallu Harika-IV-B.tech., Jupudi Manikanta Swamy-IV-B.tech.	Volume-3,Issue-4,October-2018
3.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	Veeramallu Harika-IV-B.tech., Jupudi Manikanta Swamy-IV-B.tech.	Volume-3,Issue-3,July-2018
4.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	K.Sanker Suresh-IV-B.tech. S.Pooja Sai Sree-IV-B.tech.	Volume-3,Issue-2,April-2018
5.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	K.Sanker Suresh-IV-B.tech. S.Pooja Sai Sree-IV-B.tech.	Volume-3,Issue-1,January-2018
6.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	K.Sanker Suresh-IV-B.tech. S.Pooja Sai Sree-IV-B.tech.	Volume-2,Issue-4,October-2017
7.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	K.Sanker Suresh-IV-B.tech. S.Pooja Sai Sree-IV-B.tech.	Volume-2,Issue-3,July-2017
8.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	M.Surya-IV-B.tech. Y. Lakshmi Sailaja-IV-B.tech.	Volume-2,Issue-2,April-2017
9.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	M.Surya-IV-B.tech. Y. Lakshmi Sailaja IV-B.tech.	Volume-2,Issue-1,January-2017

10.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	M.Surya-IV-B.tech. Y. Lakshmi Sailaja-IV-B.tech.	Volume-1,Issue-4,October-2016
11.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	M.Surya-IV-B.tech. Y. Lakshmi Sailaja-IV-B.tech.	Volume-1,Issue-3,July-2016
12.	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	V. Manasa-IV-B.tech. P. V. V. N. Vijay-IV-B.tech.	Volume-1,Issue-2,April-2016
13	CSE Glory	Sri.A.Pavan Kumar , Sri. Md.Ahmed	V. Manasa-IV-B.tech. P. V. V. N. Vijay-IV-B.tech.	Volume-1,Issue-1,January-2016



CSE GLORY

WHATEVER CAN BE DONE WILL BE DONE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU, PEDANA, 521369.

Volume 2 Issue 2 April 2017

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Associate Professor

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FACULTY ADVISOR MESSAGE

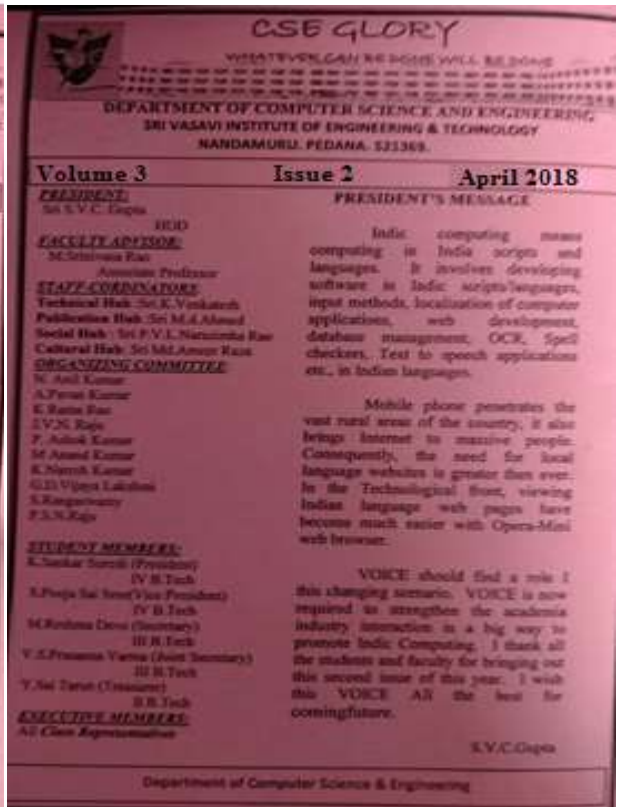
Dear Readers, I feel privileged in presenting the July-2017 issue of our college magazine. I would like to place o record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

Overall development of the individual is the goal of education and we all have to leisure that there is no stone left unturned to equip the student of today for the challenges of life. This will require tremendous self-motivation on the part of all concerned but will be fulfilling for the student as well as the faculty.

New technology is bringing opportunities along with new skill set requirements and challenges Globalization is bringing competitiveness in every domain. Engineers have to fit into requirements of companies that recruit across the globe. The department of CSE under the leadership of Mr.S.V.C.Gupta HoD is leading the way to meet challenges of future by equipping students with the skill set that is required in the industry.

I wish to congratulate the entire faculty and other staff for encouraging and guiding the students in all factors, for their well rounded development. I wish you all the best for achieving greater success and scaling newer heights in your education and career a head.

Department of Computer Science & Engineering



CSE GLORY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU, PEDANA, 521369.

Volume 3 Issue 2 April 2018

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HOD

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Associate Professor

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PRESIDENT'S MESSAGE

Indic computing means computing in India scripts and languages. It involves developing software in Indic scripts/languages, input methods, localization of computer applications, web development, database management, OCR, Spell checkers, Text to speech applications etc., in Indian languages.

Mobile phone penetrates the vast rural areas of the country, it also brings Internet to massive people. Consequently, the need for local language websites is greater than ever. In the Technological front, viewing Indian language web pages have become much easier with Opera-Mini web browser.

VOICE should find a role in this changing scenario. VOICE is now required to strengthen the academia industry interaction in a big way to promote Indic Computing. I thank all the students and faculty for bringing out this second issue of this year. I wish this VOICE All the best for comingfuture.

S.V.C.Gupta

Department of Computer Science & Engineering

Institute News Letter - VIBES

VOLUME -9 **DECEMBER – 2018** **ISSUE-9**

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

(The Department shall provide a table indicating those publications, which received awards in the events/conferences organized by other institutes.)

Sl.No	Roll.No	AUTHOR	Title of the Paper	Journal Published	Issue
1	14MQ1A0541	K SANKAR SURESH	Automation of	International	Vol-07,

	15MQ5A0510	G.V. N. RAMU	Water Motor using IoT	Journal for innovative Engineering and Management Research	Issue13, Dec 2018
	15MQ5A0508	G.V.V.S.T.BHARATH			
	15MQ5A0507	BOYANA HOSANNA			
2	14MQ1A0566	NIKHAT TABASSUM	A Novel Approach to Predict the model for Imbalanced datasets using 'R' programming	International Journal of Advanced engineering & Global Technology	Vol-06, Issue-3, 2018
	14MQ1A0563	M. TARUNA SREE			
	14MQ1A0558	K. MOUNIKA			
	14MQ1A0564	N. LAKSHMI			

Technical events attended by Students & prize won (if any)

PRIZES WON

Academic Year 2018-19

Sl. No.	Name of the Participant	Name of the Event	Date & Venue	Prize won (if any)
1	Ch.Suvarsha	Paper Presentation	SRKR, Bhimavaram-09/01/2019	I
2	G.Sneha Priya	Paper Presentation	SRKR, Bhimavaram-09/01/2019	I
3	Katta Sahiti	Paper Presentation	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	II
4	Chalapati Meenakshi	Paper Presentation	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	II

Academic Year 2017-18:

Technical Events: (paper presentations, technical quiz, poster presentation etc.)

Sl. No.	Name of the Participant	Name of the Event	Date & Venue	Prize won (if any)
1	N.Hemalatha	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	I
2	P.Mounica	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	I

3	Ch.Sowjanya	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	I
4	K.Satya	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	I
5	Sri Valli Chandana	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	II
6	Baby Bhargavi Ande	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	II
7	D.Mani Kanta	Paper presentation	D.M.S.S.V.H,03rd Jan,2018	III
8	Bhavishya	Poster Presentation	D.M.S.S.V.H,03rd Jan,2018	III
9	Mahitha	Poster Presentation	D.M.S.S.V.H,03rd Jan,2018	III
10	D.Mani Kanta	Web Design	D.M.S.S.V.H,03rd Jan,2018	II
11	P.Bhanu Prakash	Web Design	D.M.S.S.V.H,03rd Jan,2018	II
12	Chandana Srivalli	Code War	Usha Rama 05th Jan,2018	II
13	P.Jaya Sree	Technical Quiz	Usha Rama 05th Jan,2018	II
14	M.Vandana	Technical Quiz	Usha Rama 05th Jan,2018	II
15	P.Srikanth	Web Design	V.R.Siddhartha,5th & 6th Feb,2018	III
16	Srivalli	Code Hunt	V.R S.E , 03rd Jan,2018	III
17	M.Srivalli Sarvani	Code Sense	GEC ,15th to 17th Feb,2018	II
18	M.Meher Geetha	Code Sense	GEC ,15th to 17th Feb,2018	II
19	P.N.Sandhya	IoT Applications	SSCET , 22nd to 24th Feb,2018	I
20	B.Dhana Sree Lakshmi	IoT Applications	SSCET , 22nd to 24th Feb,2018	I
21	Hameed Khan	Rescue Robotics	V.K.K,V.N.B&A.G.K ,23rd & 24th,Feb,2018	I
22	V.Sai Prasanna Varma	Rescue Robotics	V.K.K,V.N.B&A.G.K ,23rd & 24th,Feb,2018	I
23	P.Srikanth	Web Doodle	V.K.K,V.N.B&A.G.K ,23rd & 24th,Feb,2018	I
24	P.Srikanth	Startup Ideas	V.K.K,V.N.B&A.G.K ,23rd & 24th,Feb,2018	I
25	P.Srikanth	Crypt your Mind	V.K.K,V.N.B&A.G.K ,23rd & 24th,Feb,2018	I

PRIZES WON:
Academic Year 2016-17

Sl. No.	Name of the Participant	Name of the Event	Date & Venue	Prize won (if any)
1	M.LAKSHMI	TECHNICAL QUIZ	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	II
2	B.SAMYUKTHA	TECHNICAL QUIZ	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	II
3	M.SRIVALLI SARVANI	REVERSE CODING	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	II
4	M.MEHER GEETHA	REVERSE CODING	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	II
5	M.MEHER GEETHA	TECHNICAL QUIZ	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	I
6	CH.HEMALATHA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	I
7	J.N.V.HANEESHA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	I
8	P.SOWMYA	POSTER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	II
9	S.POOJA SAI SREE	POSTER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	II
10	CH.HEMA LATHA	SMART GLASSES	D.M.S.S.V.H., 06th, January,2017	II
11	J.N.V.HANEESHA	SMART GLASSES	D.M.S.S.V.H., 06th, January,2017	II

PRIZES WON:
Academic Year 2015-16

Sl. No.	Name of the Participant	Name of the Event	Date & Venue	Prize won (if any)
1	V.Teja	Project Expo	K.L University	III
2	K. Sai Venkat	Project Expo	K.L University	III
3	V.Teja	Project Presentation	UCE JNTUK	I
4	K. Sai Venkat	Project Presentation	UCE JNTUK	I

5	N.Sai Chaitanya	Project Presentation	UCE JNTUK	I
6	V.Teja	Project Exhibition	Usha Rama College of Engg.	I
7	K. Sai Venkat	Project Exhibition	Usha Rama College of Engg.	I
8	N.Sai Chaitanya	Project Exhibition	Usha Rama College of Engg.	I
9	D.Lakshmi Deepthi	Paper Presentation	V.R.S.E.C	III
10	V.Teja	Project Expo	NRI Institute of Technology	I
11	K. Sai Venkat	Project Expo	NRI Institute of Technology	I
12	V.Teja	Project Expo	B.I.E.T., Bhimavaram	II
13	K. Sai Venkat	Project Expo	B.I.E.T., Bhimavaram	II

PARTICIPATED:

Academic Year 2018-19:

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue(Out of state)	Prize won (if any)
1	R.SRUTHI	INTERNET OF THINGS WORKSHOP	BITS PILANI-HYDERABAD,2&3/01/2019	-

Academic Year 2018-19:

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue (Within state-AP)	Prize won (if any)
1	K.SASIKALA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
2	S.L.SRAVANI	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
3	K.V.MADHURI MA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
4	S.BHAVANI	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
5	Y.SRI VAISHANAVI	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
6	V.D.GANGA BHAVANI	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
7	M.SREE GIRIJA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
8	K.SAMYUKTHA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
9	HASEENA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
10	M.VANDHANA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
11	B. YAMINI	SLIDE DECK	SRKR ENGINEERING	-

			COLLEGE,9&10/1/2019	
12	S.DURGA BHAVANI	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
13	K.MEHAR SUDHA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
14	A.JAYASREE	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
15	K.SAI DIVYA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
16	P.SINDHU	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
17	S.DIVYA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
18	B.PRANEETHA	SLIDE DECK	SRKR ENGINEERING COLLEGE,10/1/2019	-
19	CH.KONDALA MMA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
20	G.HARIKA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
21	P.SYAM SWAROOPA	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
22	CH. V.S. PANDU RANGA RAO	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
23	K. SRIKANTH	SLIDE DECK	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
24	P.V.K.SRIJA	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
25	K. RAMYA LAKSHMI	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
27	A.LAVANYA	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
28	M.SRAVANI	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
29	CH.YASASWINI	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
30	CH. SAI SASANKA	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
31	P.DEDIVYA	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
32	S.HARSHINI	PAPYRUS	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
33	B. YAMINI	MACHINE LEARNING USING PYTHON	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
34	YASASWINI CHANDRIKA	MACHINE LEARNING USING PYTHON	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
35	CHAKKA SAI SASANKA	MACHINE LEARNING USING PYTHON	SRKR ENGINEERING COLLEGE,9&10/1/2019	-
36	B.PRANEETHA	MACHINE LEARNING USING PYTHON	SRKR ENGINEERING COLLEGE,10/1/2019	-
37	K.SASIKALA	POWER POINT PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND	-

			TECHNOLOGY,4/1/2019	
38	K.SAI DIVYA	POWER POINT PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	-
39	N.GNANA NAGA DEEPIKA	POSTER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	-
40	P.SWATHI	POSTER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	-
41	G.HARIKA	POSTER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,4/1/2019	-
42	M.VENKATA RAMANA	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
43	Y.KRISHNA SAI KUMAR	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
44	C.H.S.V.PANDU RANGA RAO	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
45	A.DHAVAN	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
46	K.AKIL	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
47	B.PRASANTH	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
48	T.RAM TEJA	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
49	K.SRIKANTH	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
50	J.NARASIMHA SAI	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
51	M.VENKATA RAMANA	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
52	Y.KRISHNA SAI KUMAR	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
53	C.H.S.V.PANDU RANGA RAO	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
54	A.DHAVAN	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
55	K.AKIL	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
56	B.PRASANTH	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
57	T.RAM TEJA	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
58	K.SRIKANTH	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
59	J.V.N.PREETHAM	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-
60	J.NARASIMHA SAI	SECC-PSS MAPING	GOVERNMENT OF AP,12/7/2018 to 16/7/2018	-

61	J.NAGA VENKATA HANEESHA	CODERSBIT2018	CODERSBIT	-
62	K.SASIKALA	PAPER PRESENTATION	L.B.R.C. OF ENGINEERING,27/12/18	-
		(Participation+Prizes won)=63+4		67

Academic Year 2017-18

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue(Out of state)	Prize won (if any)
1	P. SRIKANTH	SMART INDIA HACKATHON,2018	R.M.K ENGINEERING COLLEGE-CHENNAI ,30&31/3/2018	-
2	SRI VALLI CHANDANA	SMART INDIA HACKATHON,2018	R.M.K ENGINEERING COLLEGE-CHENNAI ,30&31/3/2018	-
3	SAJANI SAMATAM	SMART INDIA HACKATHON,2018	R.M.K ENGINEERING COLLEGE-CHENNAI ,30&31/3/2018	-
4	SRIKANTH P	SMART INDIA HACKATHON,2018	R.M.K ENGINEERING COLLEGE-CHENNAI ,30&31/3/2018	-

Academic Year 2017-18

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue(Within state-AP)	Prize won (if any)
1	T.NAGA SIRISHA	ARTIFICIAL INTELLIGENCE USING PYTHON	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,6&8/3/2018	-
2	T NAGA SIRISHA	PAPER PRESENTATION,CODING,TQ,TTH	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,7&8/3/2018	-
3	T.NAGA SIRISHA	ARTIFICIAL INTELLIGENCE USING PYTHON	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,6&8/3/2018	-
4	R.SRUTHI	PAPER PRESENTATION,CODING,TQ,TTH	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,7&8/3/2018	-
5	R.SRUTHI	ARTIFICIAL INTELLIGENCE USING PYTHON	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,6&8/3/2018	-
6	K.MOUNIKA	INTERNSHIP PROGRAM	INTERNSHIP ON SOFTWARE TESTING TOOLS(SELENIUM),12/5/2017 to 10/7/2017	-
		(Participation+Prizes won)=10+25		35

Academic Year 2016-17

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue(Within state-AP)	Prize won (if any)
1	K.KAVYA	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
2	P.PRIYANKA	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
3	M.LAKSHMI	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
4	D.LAKSHMI DEEPTHI	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
5	NIKHAI TABASSUM	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
6	M.LAVANYA	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
7	V.S.R ADITYA	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
8	G.VENKATA NAGA RAMU	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
9	K.SANKAR SURESH	NATIONAL LEVEL PAPER PRESENTATION	INNOVATION OF ENGINEERING AND TECHNOLOGY,4/3/2017	-
10	M.TARUNA SREE	PAPER PRESENTATION	GUDLAVALLERU ENGINEERING COLLEGE,12&14/2/2017	-
11	M.TARUNA SREE	TECHNICAL CODING	PRASAD V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY,9/2/2017	-
12	CH.NITHYA	PAPER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,25/1/2017	-
13	M.MEHER GEETHA	POSTER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,25/1/2017	-
14	K.MOUNIKA	PAPER PRESENTATION	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
15	N.KAVYA	THEME BALLET	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-

16	N.KAVYA	PAPER PRESENTATION	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
17	N.KAVYA	TECHNICAL QUIZ	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
18	N.KAVYA	CALLIGRAPHY	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
19	S.SWETHA	TECHNICAL QUIZ	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
20	S.SWETHA	THEME BALLET	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
21	S.SWETHA	CALLIGRAPHY	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY,27&28/1/2017	-
22	N.JYOTHSNA	TECHNICAL QUIZ	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
23	V.HARIKA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
24	B.VENKATA RAMANA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
25	N.SUJITHA	TECHNICAL QUIZ	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
26	N.SUJITHA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
27	P.MOUNICA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
28	K.MOUNIKA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
29	J.SWATHI	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
30	A.ARAVINDA	TECHNICAL QUIZ	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
31	A.ARAVINDA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
32	M.V JYOTHSNA	POSTER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-
33	M.MEHER GEETHA	PAPER PRESENTATION	D.M.S.S.V.H COLLEGE OF ENGINEERING ,6/1/2017	-

34	S.NAGA RAMYA	POSTER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,25/1/2017	-
TOTAL		(Participation+Prizes won)=34+11		45

Academic Year 2015-2016

Sl. No.	Name of the Participant	Name of the Event (Fest Name)	Date& Venue(Within state-AP)	Prize won (if any)
1	Y.SAI TARUN	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
2	V.PADMINI	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
3	PARVEEN	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
4	V.PADMINI	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
5	P.SHARMILA	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
6	P.SHARMILA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
7	PARVEEN SULTHANA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
8	K.PADMAVATHI	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
9	V.ANUSHA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
10	CHANDINI	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
11	P.BHANU PRAKASH	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
12	V.ANUSHA	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
13	CHANDINI	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
14	K.SNEHALATHA	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
15	T.SWATHI	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-

16	S.POOJA SAI SREE	PAPER PRESENTATION	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
17	T.SARIKA	PAPER PRESENTATION	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,8&9/1/2016	-
18	K.PADMAVATHI	PAPER PRESENTATION	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,8&9/1/2016	-
19	V.TEJA	PROJECT EXPO	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
20	K.SAI VENKAT	PROJECT EXPO	V R SIDDHARTHA ENGINEERING COLLEGE,5&6/2/2016	-
21	M.SRIVALLI SARVANI	PAPER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,19&20/2/2016	-
22	V.NIKHITHA	PAPER PRESENTATION	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY,19&20/2/2016	-
23	V.SWAPNIKA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
24	M.MOUNIKA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
25	Y.BHANU SREE	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
26	V.MEENA	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
27	M.KAVYA NAGA SRI	PAPER PRESENTATION	K L UNIVERSITY ,25&26/2/2016	-
28	T.V.S.D.AMANI	PAPER PRESENTATION	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN,8&9/1/2016	-
29	T.V.S.D.AMANI	PAPER PRESENTATION	SWARNA ANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY,16&17/10/2015	-
30	T.VIJAY KUMAR	PAPER PRESENTATION	SWARNA ANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY,16&17/10/2015	-
31	K.SNEHALATHA	ETHICAL HACKING WITH CYBER SECURITY	K L UNIVERSITY,8&9/10/2015	-
TOTAL		(Participation+Prizes won)=31+13		44

Events Under Student Association

Technical Events:

Academic Year 2018-19

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	Student Knowledge Hunt	08-01-2019	K.V.Madhurima
2	PPT	31-12-2018	K.Sirisha
3	LOGO HUNT	14-12-2018	V.S.P.Varma
4	"Emerging Technologies "	10-07-2018	K.Venkatesh

Academic Year 2017-18

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	"Project Expo"	15-03-2018	M.Lavanya
2	"Hack with Hint "	06-03-2018	Srikanth.P
3	"Technical Jam "	01-03-2018	V.V Prathibha
4	"Paper presentation "	27-02-2018	K. Sankar Suresh
5	"Tech Geeks "	09-02-2018	B.LeelaPratap
6	"Code hunt competition "	28-12-2017	D.Geethanjali
7	"Innovation for Digitalization of India (poster)"	08-12-2017	Srikanth.P
8	"Quiz Master"	23-09-2017	Y.Sai Tarun

Academic Year 2016-17

Sl. No.	Name of the Event/Guest Lecture/Seminar/Workshop	Date	Resource Person /coordinator
1	"Project expo"	08-03-2017	V.Venkata Ratnam
2	"Code hunt competition"	23-02-2017	M.Sai Chandana
3	"Paper presentation"	08-02-2017 & 09-02-2017	M.Srivalli Sarvani
4	"Technology Evolution in India"	25-01-2017	Y.Dhana Sesha
5	"SCI-TECH (Technical Quiz)"	30-12-2016	Bharath Naidu
6	"Poster Presentation"	15-09-2016	Bharath Naidu
7	"KNOW ABOUT IT"	09-09-2016	M.Surya
8	"SCI-TECH 2016"	29-07-2016	P.V.V.N.Vijay

Academic Year 2015-16

Sl. No.	Name of the Event/Guest	Date	Resource Person

	Lecture/Seminar/Workshop		**/coordinator**
1	Technical Seminar on Dot Net	28-03-2016	Naidu Bharat
2	Techno Questionnaire	11-03-2016	M.Surya
3	Project Expo	29-02-2016	Srikanth.P
4	App on	29-12-2015	M.Sai Chandana
5	Proficient Programmer	30-10-2015 & 31-10-2015	K. Sankar Suresh
6	Tech Smart	03-10-2015	M.Surya
7	Soft Presentation	22-08-2015	K.Sai Venkat

CRITERION 5	Faculty Information and Contributions	200

5. Faculty Information and Contributions (200):

2018-2019 - Faculty list

S.NO	Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which designation as professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated(Y/N) Date of Leaving (In Case Currently Associated is 'No')	Nature of Association (Regular /Contract)
		Degree (Highest Degree)	University	Year of attending higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty receiving Ph.D. during assessment Years		
1.	S.V.C.Gupta	M.Tech	Andhra University	2002	Yes	Professor	01/10/2015	06/06/2008	C.S.E	CST				Yes	Regular
2.	Dr. M.Srinivasarao	Ph.D	JNTUK	2018	Yes	Professor	1/8/2018	03/09/2013	C.S.E	Image Processing		-	Yes	Yes	Regular
3.	Dr.B.R.Srinivasa Reddy	Ph.D	ANU	2014	Yes	Professor	02/04/2018	02/04/2018	C.S.E	Dip	3	6	-	Yes	Regular
4.	Dr. K. Naresh kumar	Ph.D	AU	2018	Yes	Associate Professor	01/06/2018	03/08/2016	C.S.E	C.S.E	-		-	Yes	Regular
5.	A.Pavan Kumar	M.Tech	ANU	2009	Yes	Associate Professor	12/10/2018	25/06/2009	C.S.E	C.S.E	-		-	Yes	Regular
6.	MD.Ameer Raza	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	06/10/2010	C.S.E	C.S.E	-	-	-	Yes	Regular
7.	MD.Ahmad	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	18/10/2010	C.S.E	C.S.E	2	-	-	Yes	Regular
8.	P.Ashok kumar	M.Tech	JNTUH	2012	Yes	Assistant Professor	--	01/06/2012	C.S.E	C.S.E	-	-	-	Yes	Regular
9.	M.Anand Kumar	M.Tech	JNTUH	2011	Yes	Assistant Professor	--	20/05/2013	C.S.E	SE	-	-	-	Yes	Regular
10.	K.Rama Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	07/06/2013	C.S.E	C.S.E	-			Yes	Regular
11.	J.V.N.Raju	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	04/06/2014	C.S.E	C.S.E	-			Yes	Regular
12.	K.Venkatesh	M.Tech	JNTUK	2013	Yes	Assistant Professor	--	01/06/2015	C.S.E	C.S.E	-	-	-	Yes	Regular

13.	G.D.V.Lakshmi	M.Tech	JNTUK	2017	Yes	Assistant Professor	--	01/06/2017	C.S.E	C.S.E	--	-	-	Yes	Regular
14.	S.Ranga Swammy	M.Tech	JNTUA	2012	Yes	Assistant Professor	--	01/06/2017	C.S.E	C.S.E	5	-	-	Yes	Regular
15.	P.Siva Nagaraju	M.Tech	JNTUH	2011	Yes	Assistant Professor	--	10/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
16.	P.Sirisha	M.Tech	JNTUK	2017	Yes	Assistant Professor	--	14/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
17.	S.Anil Kumar	M.Tech	JNTUK	2016	Yes	Assistant Professor	--	28/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
18.	M.Krishana Kumari	M.Tech	JNTUK	2016	Yes	Assistant Professor	--	01/06/2018	C.S.E	C.S.E	-	-	-	Yes	Regular
19.	M.Naga Vamsi	M.Tech	JNTUK	2015	Yes	Assistant Professor	--	29/08/2018	C.S.E	C.S.E	-	-	-	Yes	Regular
20.	V.Ganesh Dattu	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	15/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular

First Year Faculty

1	P.V.L.Narasimha Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	17/08/2009	C.S.E	C.S.E	-	-	-	Yes	Regular
2	J.S phani Ram	M.Tech	KSOU	2011	yes	Assistant Professor	--	01/11/2013	C.S.E	C.S.E	-	-	-	Yes	Regular

2017-2018 - Faculty list

S.NO	Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which designation as professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated(Y/N) Date of Leaving (In Case Currently Associated is ('No')	Nature of Association (Regular /Contract)
		Degree (Highest Degree)	University	Year of attending higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty receiving Ph.D. during assessment Years		
1.	S.V.C.Gupta	M.Tech	Andhra University	2002	Yes	Professor	01/10/2015	06/06/2008	C.S.E	CST				Yes	Regular
2.	M.Srinivasarao	M.Tech	JNTUK	2018	Yes	Associate Professor	-	03/09/2013	C.S.E	Image Processing		-	-	Yes	Regular
3.	Dr.B.R.Srinivasa Reddy	Ph.D	ANU	2014	Yes	Professor	02/04/2018	02/04/2018	C.S.E	Dip	3	6	-	Yes	Regular
4.	Dr. K. Naresh kumar	Ph.D	AU	2018	Yes	Associate Professor	01/06/2018	03/08/2016	C.S.E	C.S.E	-		Yes	Yes	Regular
5.	A.Pavan Kumar	M.Tech	ANU	2009	Yes	Assistant Professor	--	25/06/2009	C.S.E	C.S.E	-		-	Yes	Regular
6.	P.V.L.Narasimha Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	17/08/2009	C.S.E	C.S.E	-	-	-	Yes	Regular
7.	MD.Ameer Raza	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	06/10/2010	C.S.E	C.S.E	-	-	-	Yes	Regular
8.	MD.Ahmad	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	18/10/2010	C.S.E	C.S.E	2	-	-	Yes	Regular
9.	P.Ashok kumar	M.Tech	JNTUH	2012	Yes	Assistant Professor	--	01/06/2012	C.S.E	C.S.E	-	-	-	Yes	Regular
10.	M.Anand Kumar	M.Tech	JNTUH	2011	Yes	Assistant Professor	--	20/05/2013	C.S.E	SE	-	-	-	Yes	Regular
11.	K.Rama Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	07/06/2013	C.S.E	C.S.E	-			Yes	Regular
12.	J.V.N.Raju	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	04/06/2014	C.S.E	C.S.E	-			Yes	Regular
13.	K.Venkatesh	M.Tech	JNTUK	2013	Yes	Assistant Professor	--	01/06/2015	C.S.E	C.S.E	-	-	-	Yes	Regular
14.	G.D.V.Lakshmi	M.Tech	JNTUK	2017	Yes	Assistant Professor	--	01/06/2017	C.S.E	C.S.E	--	-	-	Yes	Regular
15.	S.Ranga Swammy	M.Tech	JNTUA	2012	Yes	Assistant Professor	--	01/06/2017	C.S.E	C.S.E	5	-	-	Yes	Regular

16	P.Siva Nagaraju	M.Tech	JNTUH	2011	Yes	Assistant Professor	--	10/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
17	P.Sirisha	M.Tech	JNTUK	2017	Yes	Assistant Professor	--	14/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
18	S.Anil Kumar	M.Tech	JNTUK	2016	Yes	Assistant Professor	--	28/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
19	V.Ganesh Dattu	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	15/06/2017	C.S.E	C.S.E	-	-	-	Yes	Regular
20	Dr.P Govardhan	Ph.D	SVU	2012	Yes	Professor	--	02/09/2015	C.S.E	C.S.E	-	-	-	Yes	Regular
21	N.Anil kumar	M.Tech	AU	2002	Yes	Associate Professor	--	08/11/2010	C.S.E	C.S.E	-	-	-	Yes	Regular

First Year Faculty

1	G.V.L.P.Harika	M.Tech	JNTUK	2015	Yes	Assistant Professor	--	16/05/2016	C.S.E	C.S.E	-	-	-	No 31/08/2017	Regular
2	J.S phani Ram	M.Tech	KSOU	2011	yes	Assistant Professor	--	01/11/2013	C.S.E	C.S.E	-	-	-	Yes	Regular

2016-2017 - Faculty Lists

S. No.	Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which designation as professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated(Y/N) Date of Leaving (In Case Currently Associated is ('No')	Nature of Association (Regular /Contract)
		Degree (Highest Degree)	University	Year of attending higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty receiving Ph.D. during assessment Years		
1.	S.V.C.Gupta	M.Tech	Andhra University	2002	Yes	Professor	01/10/2015	06/06/2008	C.S.E	CST				Yes	Regular
2.	. M.Srinivasarao	M.Tech	JNTUK	2018	Yes	Associate Professor	--	03/09/2013	C.S.E	Image Processing		-	-	Yes	Regular
3.	K. Naresh kumar	M.Tech	AU	2018	Yes	Assistant Professor	--	03/08/2016	C.S.E	C.S.E	-		-	Yes	Regular
4.	A.Pavan Kumar	M.Tech	ANU	2009	Yes	Assistant Professor	--	25/06/2009	C.S.E	C.S.E	-		-	Yes	Regular
5.	P.V.L.Narasimha Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	17/08/2009	C.S.E	C.S.E	-	-	-	Yes	Regular
6.	MD.Ameer Raza	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	06/10/2010	C.S.E	C.S.E	-	-	-	Yes	Regular
7.	MD.Ahmad	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	18/10/2010	C.S.E	C.S.E	2	-	-	Yes	Regular
8.	P.Ashok kumar	M.Tech	JNTUH	2012	Yes	Assistant Professor	--	01/06/2012	C.S.E	C.S.E	-	-	-	Yes	Regular
9.	M.Anand Kumar	M.Tech	JNTUH	2011	Yes	Assistant Professor	--	20/05/2013	C.S.E	SE	-	-	-	Yes	Regular
10.	K.Rama Rao	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	07/06/2013	C.S.E	C.S.E	-			Yes	Regular
11.	J.V.N.Raju	M.Tech	JNTUK	2011	Yes	Assistant Professor	--	04/06/2014	C.S.E	C.S.E	-			Yes	Regular
12.	K.Venkatesh	M.Tech	JNTUK	2013	Yes	Assistant Professor	--	01/06/2015	C.S.E	C.S.E	-	-	-	Yes	Regular
13.	Dr.P Govardhan	Ph.D	SVU	2012	Yes	Professor	--	02/09/2015	C.S.E	C.S.E	-	-	-	Yes	Regular
14.	N.Anil kumar	M.Tech	AU	2002	Yes	Associate Professor	--	08/11/2010	C.S.E	C.S.E	-	-	-	Yes	Regular

15.	G.V.L.P.Harika	M.Tech	JNTUK	2015	Yes	Assistant Professor	--	16/05/2016	C.S.E	C.S.E	-	-	-	Yes	Regular
16.	K.V.S.R Raju	M.Tech	JNTUK	2012	Yes	Assistant Professor	--	15/05/2013	C.S.E	C.S.E	-	-	-	Yes	Regular
17.	U.Ganesh Naidu	M.Tech	JNTUK	2013	Yes	Assistant Professor	--	29/05/2012	C.S.E	C.S.E	-	-	-	Yes	Regular
18.	Y.Naga Lakshmi	M.Tech	JNTUK	2014	Yes	Assistant Professor	--	01/02/2016	C.S.E	C.S.E	-	-	-	Yes	Regular

First Year Faculty

1	CH.Hari Prasad	M.Tech	JNTUH	2009	Yes	Associate Professor	9/12/2014	17/08/2009	C.S.E	C.N.I.S	-	-	-	No 21/01/2017	Regular
2	J.S phani Ram	M.Tech	KSOU	2011	yes	Assistant Professor	--	01/11/2013	C.S.E	C.S.E	-	-	-	Yes	Regular

5.1 Student- Faculty Ratio (SFR) (20)

(To be calculated at Department Level)

No. of UG Programs in the Department (n): 01

No. of PG Programs in the Department (m): 01

No. of Students in UG 2nd Year= u1

No. of Students in UG 3rd Year= u2

No. of Students in UG 4th Year= u3

No. of Students = Sanctioned Intake + Actual admitted lateral entry students

(The above data to be provided considering all the UG and PG programs of the department)

S=Number of Students in the Department = UG1 + UG2 +UG3

F = Total Number of Faculty Members in the Department (excluding first year faculty)

Student Teacher Ratio (STR) = S / F

Year	**2018-19**	**2017-18**	**2016-17**
u1.1(II Yr)	120	123	122
u1.2(III Yr)	123	122	143
u1.3(IV Yr)	122	143	137
UG1	**365**	**388**	**402**
PG1.1(I Yr)	18	18	18
PG1.2(II Yr)	18	18	18
Total No. of Students in the Department(s)	**36**	**36**	**36**
Overall Total	401	424	438
No. of Faculty in the Department(F)	20	21	18
Student Faculty Ratio (SFR)	20	21	22
Average SFR	21		

Note: Minimum 75% should be Regular/ full time faculty and the remaining shall be Contractual Faculty/Adjunct 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 and who have taught over consecutive 4 semesters.

Marks to be given proportionally from a maximum of 25to a minimum of 10 for average SFR between 15:1 to 25:1, and zero for average SFR higher than 25:1.

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
2018-19	20	-
2017-18	21	-
2016-17	18	-

Table 5.1.1

5.2 Faculty Cadre Proportion (25)

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = 1/9 x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per 5.1

F2: Number of Associate Professors required=2/9xNumber of Faculty required to comply with 20:1Student-Faculty ratio based on no. of students (N) asper5.1

F3: Number of Assistant Professors required =6/9xNumber of Faculty required to comply with 20:1Student-Faculty ratio based on no. of students (N) as per 5.1

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
2018-2019	2	3	4	2	13	15
2017-2018	2	3	5	2	14	16
2016-2017	2	2	5	3	15	13
Average Numbers	RF1=2	AF1 = 2.66	RF2=4.6	AF2=2.33	RF3=14	AF3=14.66

Cadre Ratio Marks = $\left(\left[\frac{AF1}{RF1} \right] + \left[\frac{AF2 \times 0.6}{RF2} \right] + \left[\frac{AF3 \times 0.4}{RF3} \right] \right) \times 12.5$ =

((2.66/2)+((2.33/4.6)*0.6)+(14.66/14)*0.4))*12.5 =25.6

(If AF1=AF2=0 then zero marks

- Maximum marks to be limited if it exceeds 25.

Example: Student No. = 180; Required number of Faculty: 12; RF1=1, RF2=2, and RF3=9
Case 1: AF1/RF1=1; AF2/RF2=1; AF3/RF3=1; Cadre proportion marks=(1.34+0.25+1.29)*12.5=36
Case 2: AF1/RF1=1; AF2/RF2=3/2; AF3/RF3=8/9; Cadre proportion marks=(+0.9+0.3)*12.5 =limited to 25
Case 3: AF1/RF1=0; AF2/RF2=1/2; AF3/RF3=11/9; Cadre proportion marks= (0+0.3+0.49)*12.5 = 9.87

5.3 Faculty Qualifications (25)

FQ=2.5x[(10X+4Y)/F)]where x is no.of regular faculty with Ph.D., Y is no.of regular faculty with M.Tech., F is no.of regular faculty required to comply 20:1 Faculty student ratio (no.of faculty and no.of students required are to be calculated as per 5.1)

Year	X	Y	F	FQ=2.5*[(10X+4Y)/F]
2018-2019	3	17	20	12.25
2017-2018	3	18	21	12.14
2016-2017	1	17	22	8.863
Average Assessment				11.08

5.4 Faculty Retention (25):

No. of regular faculty members 2016-17 =16 2017-18 =19 2018-19 =19

Item Retention of Faculty members joined before June 2015	Max Marks	2018-19	2017-18	2016-17
>=90% of required Faculty members retained during the period of assessment keeping 2014-15 as base year	25			
>=75% of required Faculty members retained during the period of assessment keeping 2014-15 as base year	20			(15/18=83%)
>=60% of required Faculty members retained during the period of assessment keeping 2014-15 as base year	15			
<=60% of required Faculty members retained during the period of assessment keeping 2014-15 as base year	10	(11/20=55%)	(11/21=52%)	
<50% of required Faculty members retained during the period of assessment keeping 2014-15 as base year	0			

Assessment=13.33

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

Conventional Approach

The conventional approach to education is to provide information detailing certain descriptions and procedures that are found in identified subjects such as Mathematics, Physics, C Programming and DBMS. Each of those subjects contains a sequence of content topics to be covered in class, one after the other.

Often the focus of learning in conventional approaches is giving students a lecture or an article to read and then set standardized questions based upon the information given.

Following are the conventional methods employed in our department:

- Chalk and Talk methods
- Power Point presentation
- Home Assignments
- Class Tests
- Makeup Classes
- Seminars
- Projects

Innovative Approach:

Innovative teaching can be viewed as a student-centered process, whereby students should be active learners in a supportive environment, engaging in authentic and relatable problem-solving activities to stimulate learning. Innovative teaching practices can be considered as an intentional series of student-focused actions and an invested educator can take to stimulate students' ability to meaningfully and creatively engage with the material in order to stimulate interest and advance their knowledge.

Goals:

- Willingness and Readiness to learn new methodologies and implement the same.
- Communication with students from different backgrounds and work together.
- Passion and Knowledge ability towards recent trends in Real-Time applications.
- Use of technology for further understanding of complex problem statements.
- Successful career.

Innovative practices within Department:

Contributions of Computer Science & Engineering Department faculty towards inculcating innovative means in Teaching and Learning are clearly elucidated both in our department records and on the Institute website for Peer review and Critique. Our work is open to be enhanced or reproduced.

Some of our inclusive ways are:

- Knowledge Hunt
- Collaborative Learning
- Data Center

Proofs of the stated are comprehensively documented.

Knowledge Hunt

Coding is the new literacy. To thrive in tomorrow's society, students must learn to design, create and express themselves with digital technologies. Coding is so important because its impact extends far beyond simply creating software and websites. Coding is an integral part of Computer Science and Coding is to computer what alphabets are to language.

In view of that, Department of Computer Science & Engineering has launched an Innovative practice for students named "Knowledge Hunt'. The objective of Knowledge Hunt is to develop graduates for careers in high-end Engineering Professions and Research.

Students participating in "Knowledge Hunt'" shall improve:

- **Ability to quickly learn new concepts, languages, technologies, best practices**
- **Problem solving ability**
- **Communication skills**
- **Team work**

Coding competition for our students are conducted in the languages like C, C++, Java, Python for enhancement of their real time domain knowledge under Department "Association Activity" and the skilled ones are awarded with a certificate of appreciation.

S.No	Topic	Date	No. Of participants	Event winners
1	Write a c Program to cyclically rotate an array by one	10-07-2017	8	➢ Srikanth ➢ K.V.Madhurima
2	Program to Cyclically Permute the Elements of an Array	13-03-2016	10	➢ Shahanaz Begum

Smart India Hackathon 2018

The initiation made by the students of our department in participating AICTE "Smart India Hackathon 2018" coding contest Grand Finale during March 2018, it has led to a great motivation and inspiration for the other students to participate in a huge number for "Smart India Hackathon 2018".

A total of 14 teams have participated in SIH'18 and submitted their ideas towards various problem statements specified by AICTE.

The details of participation are as follows:

S.No	Team Name	Problem Category
1	Common Platform For Vehicle Registration	Ministry of Urban development
2	Involving Passengers in Upkeep of Railway Stations	Ministry of Railways
2	Meals On Wheels	Ministry Of Road, Transport And Highways
3	Dashboard for all AICTE Initiatives & Schemes	AICTE
4	Portal for Child Care Institutions	Ministry Of Women And Child Development
5	After The Death	Family and Health welfare

Participate at AICTE SIH 2018 at Chennai (R.M.K College)

. **TCS Code Vita**

Cod Vita - the global coding contest by TCS is now in its 6th year. The Code Vita journey began in 2012 with the aim of promoting Programming-As-A-Sport, and has been touching many milestones since and then. In 2014 was the first time we open contest globally and last year we had registrations from 40 plus nations. Its popularity with the student community peaked last year when we saw 2,61,000 plus registrations and also secured a place in the Limca Book of Records. From our department students have participated in the event and 2 of them got placed in TCS based on their performance in Code vita contest.

15MQ1A0596 PRATHI SOWJANYA

15MQ1A0598 SAMATAM SAJANI

TCS Code Vita-2018

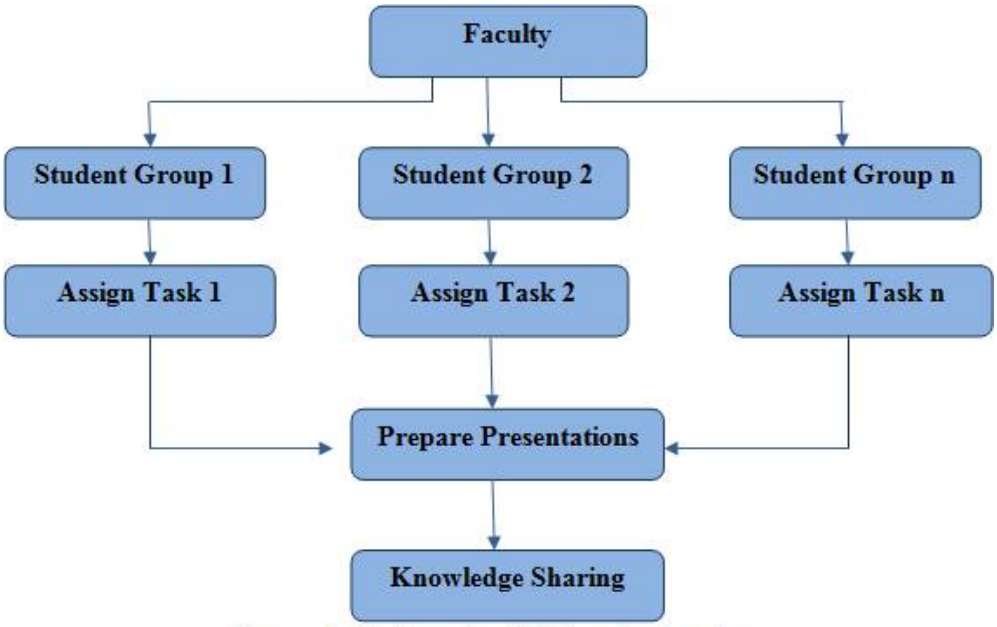
COLLABORATIVE LEARNING

Collaborative learning is a group-based learning approach in which learners are mutually engaged in a coordinated fashion to achieve a learning goal or complete a learning task. Collaborative learning can increase learner engagement and promotes higher-order thinking, such as critical thinking. Collaborative learning is an umbrella term that covers a range of approaches in which learners achieve an academic goal together. It is a shift from traditional teacher-centered approaches to contemporary learning approaches, including student-centered, social learning, active learning, and constructivism.

Theory subjects and Lab:

- Groups comprising a maximum of five to six students are formed in each class to conduct the association activity.
- One from the group will be designated as the group leader.
- Each group may be assigned tasks by the faculty and a report on the activity will be provided by the respective group leader.

- An assessment on the report will be done by the faculty to analyze the expected outcome from the activity is achieved.
- The tasks assigned should be a minimum of three in each semester.
- The focus of the tasks should be on learning new technologies, enhance the knowledge on a particular topic, studying new tools to be in pace with the industry, doing some mini projects, etc.
- Faculty may encourage each group to disseminate the knowledge they have gathered to others.



Process for implementing Collaborative Learning

Department: Computer Science & Engineering

Faculty: Mr.P.Sireesha, Assistant Professor

Subject: Mobile Application Development

Class: CSE IV Year Section A & B

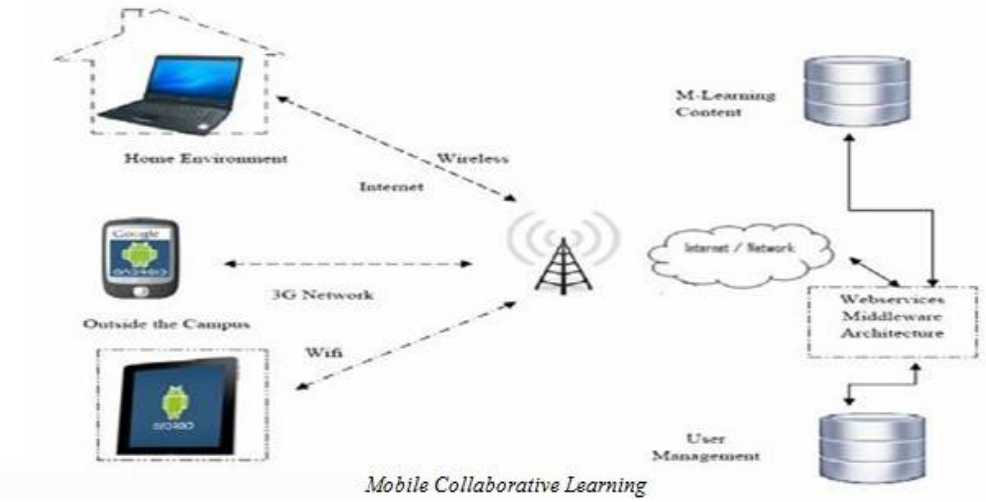
Topic: Mobile Collaborative Learning (MCL)

In the last few years, mobile devices have grown in popularity and their technologies have become pervasive, ubiquitous and networked with enhanced capabilities for rich social interactions. Also, many different types of technologies have been adding to the popularity of the mobile devices changing the educational landscape and programs of colleges and universities. Mobile learning is a new research area. The several attractive mobile learning tools have been designing and developing by integrating with the emerging technologies.

With the importance of collaborative learning as a pedagogical method in personal learning and collaborative experience, the learning application has been implanted from elementary schools to universities. Mobile

technology has been adapted as a main communication since it is well suited in engaging collaborative learning environments. The concept of mobile collaborative learning (MCL) is completely different from classroom-based learning. This type of pedagogical learning method provides many possibilities, such as providing opportunities to groups of people working in same or different organizations to accomplish a specific goal using mobile devices.

Therefore, the demand of collaborative learning over the mobile device has been increasing as a major education element. Major research challenges are raised in developing MCL for educational object such as sharing knowledge, requesting for modified contents, fully accessing to enterprise data warehouse (EDW), delivering



Mobile Collaborative Learning

Group Assignments:

- Description of the method– The students were asked to submit a group assignments in the form of course project in a form to investigate on several Mobile Collaborative Learning applications and present the review. They were also asked to simulate the product on ANDROID Development Studio in the laboratory. The objective is to develop technical and soft management skills in the student.
- Significant results observed– The students develop soft management skills like teamwork, coordination, decision making, organizational behaviour, leadership, time management and presentation skills along with the enhancement in technical skills through in-depth investigation, product design, prototype, working in Android environment.

Teaching through research papers:

- Description of the method– In order the encourage the students to read, understand and discuss the technical terms given in quality literature and understand its implementation in emerging technologies and recent advancement some of the topics from the syllabus are taught through research papers.

- Significant results observed– The students developed their habit to refer classic papers from reputed journals and transactions like IEEE Transactions. They developed their understanding over the recent advancement in the field; know the peer community and familiar with technical way of documentation.

DATACENTER

The institution has started "Datacenter", using which all the students and Faculty shall be benefitted in Teaching Learning process.

Services provided by the Datacenter:

- Centralized access and management of network resources.
- Able to separate intranet and internet traffic.
- Each and every user can access the allocated storage either from outside of the campus or inside the campus with proper authentication.
- High Availability (Active: Passive and Active: Active) be configured in a fail over manner, so that in case one hardware failure, the traffic should automatically route through other, with no affect and without any manual intervention and also able to share the load between 2 components.
- Install ***Wi-Fi*** authentication mechanism (with uid and pwd). Max of 150 concurrent ***Wi-Fi*** users.
- Firewall connections max of 350 to 365 users and sufficient concurrent connections.
- Must provide a bandwidth management log showing source IP address, destination IP address, service, bandwidth usage and time-of-day for analysis or auditing purposes.
- Ability to allow or deny a specific URL access.

In order to cope up the students with the latest trending technologies along with Academics, various Seminars, Guest Lectures and few webinars are conducted within the department

5.6 Faculty as participants in Faculty Development/ Training Activities/STTPs(15)

- A Faculty scores Maximum 5 points for participation
- Participation in 2 to 5 days Faculty development program: 3 Point
- Participation >5 days Faculty development program: 5 points

Name of the Faculty	2018-19	2017-18	2016-17
S.V.C.Gupta	5	5	-
Dr. M. Srinivasa Rao	5	5	5
Dr.B.Raja Srinivasa Reddy	3	5	5
Dr. K.Naresh Kumar	-	-	-
N. Anil Kumar	-	-	-
Ch.Hari Prasad	-	-	-
A.Pavan Kumar	5	5	5
K Rama Rao	5	5	5
J.V.N. Raju	5	-	3
P. Ashok Kumar	5	-	-
K. Venkatesh	5	-	-
P.V.L.NarasimhaRao	5	-	5
Md Ameer Raza	-	-	-
Md. Ahmed	5	-	3
U.Ganesh Naidu	-	-	5
M Anand Kumar	5	-	-
G.D.Vijaya Lakshmi	5	-	-
S.Ranga Swamy	5	5	-
P. Siva Naga Raju	5	-	-
P. Sirisha	5	-	-
V. Ganesh Dutt	-	-	-

S. Anil Kumar	5	-	-
M.Krishna Kumari	5	5	-
M.Naga Vamsi	-	-	-
Sum	83	35	36
***RF*= Number of Faculty required to comply with 20:1 Student-Faculty ratio as per 5.1**	20	21	22
Assessment = 3 × (Sum/0.5RF) (Marks limited to 15)	24.9	9.99	9.82
Average assessment over three years (Marks limited to 15) = 14.90			

5.7 Research and Development (30)

5.7.1 Academic Research (10)

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

- No. of Quality Publications in referred/SCI Journals, citations, books/book Chapters etc. (6)
- Ph. D guided / Ph. D awarded during the assessment period while working in the Institute (4)

All relevant details shall be mentioned.

Name of the Faculty	**2018-19**	**2017-18**	**2016-17**
S.V.C.Gupta	-	-	-
Dr. M. Srinivasa Rao	01	3	-
Dr.B.Raja Srinivasa Reddy	06	3	1
Dr. K.Naresh Kumar	-	-	-
N. Anil Kumar	-	-	-
A.Pavan Kumar	-	-	-
K Rama Rao	-	-	-
J.V.N. Raju	-	03	-
P. Ashok Kumar	-	-	-

K. Venkatesh	-	01	-
P.V.L.NarasimhaRao	-	-	-
Md Ameer Raza	-	-	-
Md. Ahmed	01	02	01
M Anand Kumar	-	-	-
G.D.Vijaya Lakshmi	-	-	-
S.Ranga Swamy	01	05	07
P. Siva Naga Raju	-	02	-
P. Sirisha	-	-	-
V. Ganesh Dutt	-	-	-
S. Anil Kumar	-	-	-
M.Krishna Kumari	-	-	-
M.Naga Vamsi	-	-	-
SUM	09	19	09

Academic Year: 2018-2019

S.No.	**Name of the Faculty**	**Title of the paper**	**Name of the Journal/ Conference**	**Volume ,issue no& page no**	**ISSN Number and year of publication**
1	S.Ranga Swamy	A Greedy Search Aware Fuzzy Scheduling in Cloud	International Journal of Engineering Research in Computer Science and Engineering	Volume5,Issue 4-Apr-2018	2394-2320
2	Dr. B.Raja Srinivasa Reddy	An Integrated Maximized Probabilistic and Gaussian based thres holding method and segmentation technique for Shrimp White Spot Disease Detection	International Journal of pure and applied mathematics	Volume 120 No. 6	1311-8080

3	Dr.M.Srinivasa Rao	Exploratory Data Restrain Using Spectral Clustering Method	IJRCS&E	Volume.-8I-4July-Agu-2018ssue	2321-5585
4	Dr. B.Raja Srinivasa Reddy	A novel ensemble decision tree classifier using Hybrid feature selection measures for Parkinson's Disease prediction	*Int. J. Data Science, - Inder Science Journal*		2053-082X
5	Dr. B.Raja Srinivasa Reddy	A technique on novel based marching ants colonies clusters for operational big data sets	IJET		2018
6	Dr. B.Raja Srinivasa Reddy	Exploring the Impact of "Mining as a Service" Layer in Cloud Computing"	Jour of Adv Research in Dynamical & Control Systems,	Vol. 10, 09-Special Issue, 2018	1943-023X
7	Dr. B.Raja Srinivasa Reddy	An improved parallel PSO-FS based NSVM technique for medical disease prediction	Jour of Adv Research in Dynamical & Control Systems	Vol. 10, 09-Special Issue, 2018	1943-023X 2018
8	Dr. B.Raja Srinivasa Reddy	A Novel Clustering based classification model for gene-disease document prediction in multiple biomedical repositories	Jour of Adv Research in Dynamical & Control Systems,	Vol. 10, 09-Special Issue, 2018	1943-023X
9	Md.Ahmed	Maintening multi-level confidentiality on big data using PK-anonymization methods and cryptographic techniques	AMSE	Feb-18	1240-4543

Academic Year: 2017-2018

S.No.	Name of the Faculty	Title of the paper	Name of the Journal/ Conference	Volume ,issue no& page no	ISSN Number and year of publication
1.	M.Srinivasa Rao	Collaborative Attack Effect Against Table-	Springer	04th-May-2017	2367-3370

		Driven Routing Protocols for WANETs: A Performance Analysis			
2.	P.Siva Naga Raju	A Novel Approach for Comparative Study of Classification Algorithms using R-Programming	IJAEGT	Vol.-05, Issue-04 July-2017	2309-4893
3.	Dr.B.R.S.Reddy	Gene-Disease based User Specific Biomedical Document Ranking Model in Hadoop Framework	International Journal of Computer Science and Information Security (IJCSIS),		Vol. 15, No. 7, July 2017
4.	M.Srinivasa Rao	,"Implementation and Performance Evaluation of CoAP Data Protocol of Internet of Things"	International Journal of Advanced Engineering and Global Technology	Vol-05, Issue-05 September, 2017	2309-4893
5.	M.Srinivasa Rao	Texture Classification Based On Local Features Using Dual Neighborhood Approach	International Journal of Image, Graphics and Signal Processing	07th-Septembe-2017	2074-9074
6.	P.Siva Naga Raju	Machine Learning Approach for Identifying users Attacks in Android Based Encrypted Network	IJCNS	Vol-6, Isse-11 November-2017	2347-8527
7.	S.Ranga Swamy	A Fuzzy Energy and Security Aware Scheduling in cloud	IJET (Science Publication Corporation)	Vol-31st-December-2017	2227-524X
8.	Dr. B.Raja Srinivasa Reddy	An integrated hybrid feature selection based ensemble learning model forparkinson and Alzheimer's disease prediction	International Journal of Applied Engineering Research	Volume 12 Number 22 (2017)	ISSN 0973-4562
9.	Dr. B.Raja Srinivasa Reddy	Internal Journal of Advanced Technology and Innovative Research	IJATIR	Vol.09 Issue.04, March-2017	ISSN 2348–2370,

10.	S.Ranga Swamy	a Greedy Search Aware Fuzzy Scheduling in Cloud	International Journal of Engineering Research in Computer Science and Engineering	4-Apr-2018	2394-2320
11.	Md.Ahmed	A Survey on Protection Maintenance on Big Data using Pk-Anonymization and Cryptographic Techniques	Internal Journal of Innovations & Advancement in Computer Science	1-Feb-2018	2347-8616
12.	S.Ranga Swamy	A Tabu Stochastic Diffusion Search Based Fuzzy Scheduling in Cloud	Internal Journal of Research in Advent Technology	1-May-2018	2321-9637
13.	S.Ranga Swamy	A Greedy Stochastic Diffusion Search Based Fuzzy Scheduling in Cloud	Journal of Artificial Intelligence Research & Advances	10-Jul-2018	2395-6720
14.	S.Ranga Swamy	A rule Selected Fuzzy Energy & Security Aware Scheduling in Cloud	Journal of Theoretical and Applied information Technology	May-2018	1992-8645
15.	K.Venkatesh	Privacy Preserving enriched Map Reduce for Hadoop Based Big Data Applications	**International Journal of Recent Trends in Engineering & Research**	2017	2455-1457
16.	Md.Ahmed	Privacy Preserving fEnriched Map Reduce for Hadoop Based Big Data Applications	**International Journal of Recent Trends in Engineering & Research**	2018	2455-1457

Academic Year: 2016-2017

S.No.	Name of the Faculty	Title of the paper	Name of the Journal/ Conference	Volume ,issue no& page no	ISSN Number and year of publication
1.	Dr. B.Raja Srinivasa Reddy	A Novel Iterative Thresholding Based Segmentation Technique For Shrimp White Spot Syndrome Detection	Journal of Advanced Research in Dynamical and Control Systems	Vol. 9. Sp– 18 / 2017	1943-023X
2.	Dr. B.Raja Srinivasa Reddy	A Novel Weighted Probabilistic Based Gene-Disease Document Classification Model Using Hadoop Framework for Distributed Biomedical Repositories	International Journal of Applied Engineering Research	Volume 12,	0973-4562
3.	Dr. B.Raja Srinivasa Reddy	Classification Of Abnormal Brain Images For 3d Rendering	International Journal of Computer Science and Information Security (IJCSIS),	Vol. 14, No.9,September 2016	1457-5500
4.	Dr. B.Raja Srinivasa Reddy	Performance Analysis Of Clustering Algorithms For 3d Medical Image Rendering And Its Volume Calculation	International Journal of Applied Engineering Research	Volume 11 Number 9 (2016)	ISSN 0973-4562
5.	Dr. B.Raja Srinivasa Reddy	Frame work to Detect White Spots on Shrimp by using Image Processing Techniques	International Journal of Modern Sciences and Engineering Technology (IJMSET)	Volume 4,	2349-3755
6.	Md.Ahmed	Efficient and Dynamic Multi-Keyword Query Search over Secure Encrypted Cloud Environments	Internal Journal of Research in Advanced Engineering Technology	**Jan-2017**	----------

7.	S.Rangaswamy	Multi Keywords Ranked Search with Efficiency Improvement Over Encrypted Data in Clouds	Internal Journal of Computer Science Engineering and Scientific Technology	**April-2017**	6201-3454
8.	S.Rangaswamy	A Novel Mechanism for Investigation of Selfish Node Detection in Mobile Adhoc Networks	International Journal of Computer Science Engineering and Scientific Technology	**Aug-2016**	6201-3454
9.	S.Rangaswamy	Web Data Linking through knowledge bBased for Accessing Inforation Based on Entity Lnking	InternalJournal of Computer Science Engineering and Scientific Technology	**Aug-2016**	6201-3454
10	S.Rangaswamy	Toward Efficient Cloud Data Analysis service for Large-Scale Socil Networks-A Survey on SAE	Internal Journal of Emerging Technology in Computer science & Electronics	**Aug-2016**	0976-1353
11	S.Rangaswamy	An Enhanced Trust Scheme for Resource Manageent in Multi Cloud Environment	International Journal of Emerging Technology in Computer Science & Electronics	**Aug-2016**	0976-1353
12	S.Rangaswamy	Attribute Based Encryption Technique for Privilege and Anonymity Access Controlling in Cloud	International Journal of Computer Science Engineering and Scientific Technology	**Jul-16**	6201-3454

S.No	**Name of the faculty**	**Status of Ph.D**		**No. of Ph.D Guided**
		Completed	In progress	
Academic Year 2016-17				
1	Dr.B.Raja Srinivasa Reddy	1	7	8
Academic Year 2017-18				
1	Dr.B.Raja Srinivasa Reddy	-	7	7
Academic Year 2018-19 :				
	Dr.B.Raja Srinivasa Reddy	1	6	6

Ph. D Completed faculty details (last 3 years):

Faculty Name	Guide Name	University / Insititute of registration	Date of Completion	Topic	Area of Research
Dr. K .Naresh Kumar	Dr Ch. Satyanand Reddy	AU	12-10-2017	A Study of Fuzzification in XML Databases Design, Implementation and Querying	DATA MINING
Dr. M. Srinivasa Rao	Dr V. Vijay kumar	JNTUK	01-09-2018	Texture Analysis And Classification Based on Statistical Approaches	DIP

Ph.D Pursuing faculty details:

Faculty Name	Guide Name	University / Institute of registration	Year of Registration	Topic	Area of Research
S.V.C.Gupta	Dr.K.Satyaprasad	JUTUK	2004	Multi Secret Image sharing	Visual Cryptography
S.Ranga Swamy	Dr. M.Sridhar	ANU	2014	CLOUD SCHEDULING Submitted	Cloud Computing
K. Rama Rao	Dr. S. Naganjaneyulu	JNTUK	2015	Privacy in Big Data	Big Data
Md. Ahmed	Dr.G.Ram Mohan babu	ANU	2016	Security in Big Data	Big Data

5.7.2 **Sponsored Research (5)**

Funded Research:

5.7.3 Development Activities (10)

Provide details

- Product Development:
- Research laboratories:
- Instructional materials:
- Working models/charts/monograms etc.:

Products Development:

In the product Normal Vehicle registration the registration of the vehicle can be done by the government officer in our portal. During the registration of the vehicle itself we use to create a Unique identity for the vehicle which acts as a Identity of the vehicle and the Vehicle owner needs to add all its Vehicle related certificates like C, RC, License, Pollution Certificate etc. to this portal which will be saved against the Aadhaar and the Id of the Vehicle. During the registration itself we use to merge the Data of the Regional to National level. So, by this whenever the Government needs to access the data of the user government can access by the Aadhaar and the Car Unique Identification Number.

Once the vehicle registration is successful user gets a mail so that his Account was created with the login Id and Password as the car Identity number where his whole details of vehicle and his personal details are available. When the user needs to change the User id and password he can able to do it. This portal is also a User friendly and helpful to user such that he has no need to carry all his certificates related to Vehicle. Whenever he needs those certificates he can login to our site with his account and can access the data. For the Government itself we maintain another Login account where the government authorities will be allowed to login and access the public vehicle information. Government can also the data of the vehicle like is there any Issues on that vehicle or not etc. (For example: if any Vehicle did an accident the Government traffic police can Login with his account and add an Issue of case to that Vehicle number so that there is no way to escape the Wrong people)

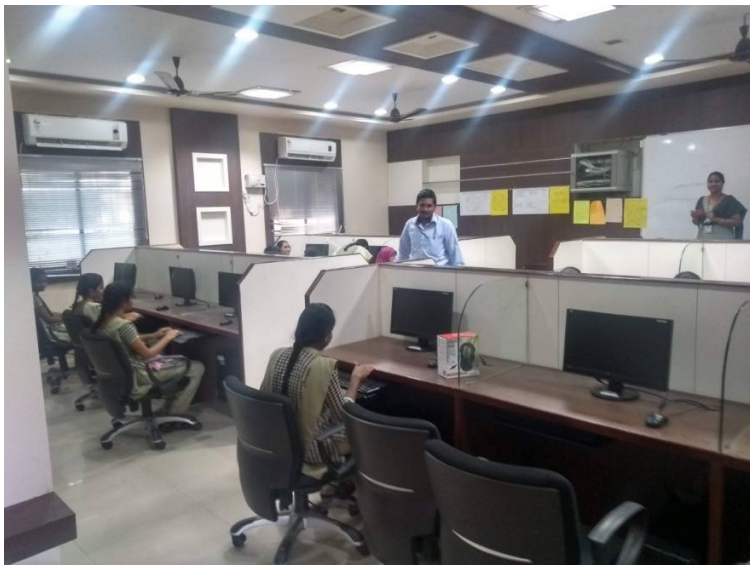
Tech Stack: In the Front End we use HTML, CSS, JS. In the Back End PHP, MYSQL

Use Case

Every Vehicle user and Government Officer needs to have an account in this portal. Whenever a Wrong is done by a Vehicle user Government officer can make a Issue on him about the wrong done by him and vice versa. Regular Monitoring of data like new Vehicles and vehicle registrations should be done carefully and merging of local data with national data should be done carefully.

- **Research laboratories**

The department R & D Lab is established with adequate number of modern desktops (Dualcore Processor, 500 GB HDD, 2 GB – 19" LED Screen).



R &D Lab

Following are the software details:

Product Type	Name of the product	Type
Software	MSDN subscription Library	Licensed
Software	Microsoft® office Professional plus 2007	Licensed
Server	MSDN Visual Studio 2008 SP 1	Licensed
Server	MSDN Expression studio 2	Licensed
Server	MSDN Microsoft office Communication server 2007 R2 Enterprise Edition	Licensed
Server	MSDN eMbedded Visual C++ 4.0 with SP2, Microsoft-Office Access 2003 Developer Extensions	Licensed
Server	MSDN Subscriptions Library (Essential Resource for Developers)-Dec 2006	Licensed
System	MSDN Subscriptions Library (Essential Resource for Developers)-Nov 2008	Licensed

System	MSDN .NET frame work, Win SDK for Win server, VB for app 6.0 SDK v6.5	Licensed
System	Windows Shared Point, service with SP2,Vista –SDK, DirectX-SDK	Licensed
System	ISO images: Windows server 2003 R2 Enterprise & Standard Edition,	Licensed
System	Volume License version : Windows server 2003 R2 Enterprise & Standard Edition	Licensed
System	Windows server 2008	Licensed
System	Windows Vista Enterprise with SP1	Licensed
System	Windows Vista with SP1	Licensed
System	Windows server 2003 R2 Standard	Licensed
Database	Antigen-Commerce Server 2007,Forefront Security, SQL Server 2008	Licensed
Mail Server	Microsoft Exchange server 2007 with SP1	Freeware
Software	Microsoft –office Communication server 2007	Licensed
Server	Biztalk server, Connected services & Customer Care Framework	Licensed
Application	Microsoft Customer Care Framework, Desktop Optimization	Licensed
Software	MSDN Library Visual Studio & Visual Studio 2008	Licensed
Software	Visual Studio Team System 2008-Work Group Edition & SP1	Licensed
Software	Expression Studio 2	Licensed
Software	Visual Studio 2008 SP1	Licensed
Software	Visual Studio 2005 SP1	Licensed
Software	Microsoft Virtual PC 2004, Mac 7.0.2	Licensed
Application	M/S Office Accounting SDK, Project Server, Office InfoPath, One Note, SharePoint, Visio Professional - 2007	Licensed

Application	Office Suite, Accounting, Access, Communicator, Groove - 2007	Licensed
Server	Microsoft Virtual Server 2005 R2	Licensed
Server	Hyper-V™ server 2008, Microsoft Visual PC 2007	Licensed
System	Fedora 7.0	Free Ware
Antivirus	Symantec™ Endpoint Protection 11.0	Licensed
Application	Borland Turbo C++ suite	Licensed
Application	IBM Rational Rose	Licensed
Application	GIS Arc View Lab Kit	Licensed
Application	K – VAN Solutions Private Limited	Licensed
Database	Oracle Academy	Licensed
Application	Microsoft open value subscription Education Solutions	Licensed
Application	Xilinx Vivado System Edition (Software)	Licensed
Application	Mentor Graphics HEPI (Back End)	Licensed
Firewall	Cyber roam TVSP License for 3 years up to 08-12-2019	Licensed
System	Ubuntu	Freeware
System	Centos	Freeware

Instructional materials

S. No	Details
1	Smart Class(Multimedia Projector)
2	Lab Manuals
3	APSSDC
4	NPTEL videos
5	MOOCS
6	Assignments
7	Class Tests
8	PPT
9	Course Files

Working models/ Charts/ Monograms etc.

S. No	Details
1	Mobile Applications in J2ME Lab
2	Web Applications
3	Operating System

5.7.4 Consultancy (from Industry) (5)

2018-2019

Project Title	Duration	Funding Agency	Amount
TCS-Ion Online Exams	1 Year	TCS	75,900

2017-2018

Project Title	Duration	Funding Agency	Amount
TCS-Ion Online Exams	1 Year	TCS	1,77,025

2016-2017

Project Title	Duration	Funding Agency	Amount
TCS-Ion Online Exams	1 Year	TCS	1,63,810

Cumulative Amount(X + Y + Z) = 4,16, 735.00

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

Faculty members of Higher Engineering Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-renewal, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solutions of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other faculty, Head-of-Departments and the Head of the Institution. An effective performance appraisal system for faculty is vital for optimizing the contribution of individual Faculty to institutional performance.

The assessment is based on:

- Awell- defined system for faculty appraisal for all the assessment years(10)
- Its implementation and effectiveness (20)

The performance appraisal system of the staff is evaluate and ensure information on multiple activities appropriately captured and considered for better appraisal through the following steps

Step1: Yearly self appraisal

- Based on academic results
- Faculty achievements such as research contribution (paper publications and funded R&D projects and consultancy)
- Number of workshops and training programs conducted.
- Memberships in professional societies.
- Additional responsibilities contributing towards administration.

Step2: Student feedback on faculty.

Step3: HOD recommendations.

FACULTY SELF ASSESSMENT FOR THE ACADEMIC YEAR 2017-18

1. General Information:

(a) Name in full (in block letters) :

(b) Department :

2. Academic Qualifications:

Qualification	Year of passing	Institution
UG :		
PG :		
Ph.D :		

(a) Additional Qualifications / Fellowships/Memberships/certificate courses :

(b) Area of specialization, if any :

(c) Date of Joining :

(d) Present designation and date of Appointment to that designation :

3. Experience :

(a) Industrial experience if any :

(b) Teaching experience total :

Name of the college	From (Date/Month/Year)	To (Date/Month/Year)	Experience in years
SVIET			
Other Colleges			

4. Subjects Average Pass Percentage:

S. No	Subject Name	Year-Sem-Branch-Sec	No.of students appeared (A)	Passed (B)	Pass Percentage (B/A*100)	Average %	Self Assessment Marks
1							
2							
3							
4							
5						>= 90 - 20 >= 80&<90 -15 >=70&<80 -10 >=60&<70 - 5 <60 - 0	
6							
7							
8							

5. Average Academic Classes (Theory only) :

S. No	Subject Name	Year-Sem-Branch-Sec	No.of periods as per lesson plan (A)	No.of periods conducted (B)	Percentage of classes taken in allotted subjects (B/A*100)	Average %	Self Assessment Marks
1							
2							
3							
4							
5						>=100 - 20 >=95&<100 - 10	
6							

7						>=90&<95 - 5 < 90 - 0
8						

6. Proctoring Students Average pass percentage:

S. No	No.of students allotted for proctoring	Year-Sem-Branch-Sec	No.of students eligible for end exams (A)	No.of students passed (B)	Pass percentage (B/A)*100	Average %	Self Assessment Marks
1							
2						>=70 - 10 >=65&<70 - 8 >=60&<65 - 6 >=55&<60 - 5 <55 - 0	
3							
4							

7. Proctoring Students Average Attendance percentage:

S. No	No.of students allotted for proctoring (A)	Year-Sem-Branch-Sec	Total Attendance (Add final attendance of all proctoring students (B)	Attendance Percentage (B/A)	Average %	Self Assessment Marks
1						
2					>=90 - 10 >=85&<90 - 8 >=80&<85 - 6 >=75&80 - 5 <75 - 0	
3						
4						

8. Proctoring Students Average Value additions:

S. No	No.of students allotted for proctoring	Year-Sem-Branch-Sec	No.of students participated in Paper presentations/Posters presentations/Technical exhibitions etc outside the campus (A)	No.of students won prizes (B)	percentage (B/A)*100	Average %	Self Assessment Marks
1							
2						>=95& <100 - 20 >=90&<95 - 15 >=85&<90 - 10 >=80 &<85 – 5 >=75 &<80 – 2 < 75 - 0	
3							
4							

9. Student feedback: (Theory subjects only)

S. No	Year-Sem-Branch-Sec	Subject Name	No.of students	Percentage	Average %	Self Assessment Marks
1						
2						
3						
4						
5					>=90 &<100 - 20 >=85&<90 - 15 >=80&<85 - 10	
6						
7						

8					>=75&80 - 5 <75 - 0

10. Research Publications and Academic Contributions [50M]

a) Incentives/Award/Reward (2M)
b) Member of external bodies (2M)
c) ISTE-Professional memberships (2M)
d) CSI/IETE/IE/IEEE or any other (2M)
e) FDP organized (2M)
f) Faculty Development programs attended/resource person(6 days every year) (2M)
g) Conferences/seminars/workshop organized (2M)
h) Conferences/seminars/workshop attended (4M)
i) Invited Lectures(Expert/conference/etc) (2M)
j) Responsibility in Committees (2M)
k) List of Projects guided; Cover/certificate Page (2M)
l) List of In-house R&D projects; documentation (2M)
m) List of Funded R&D projects; documentation (2M)
n) List of Consultancy activities; documentation (2M)
o) List of Instructional materials like course files, lab manuals; cover page (2M)
p) List of working models/Products developed/Incubation (2M)
q) Research Publications(paper/Poster/book/book chapters/citations/etc) (6M)
r) Ph.D enrolled (4M)
s) Ph.D awarded (2M)
t) Ph.D guided (4M)

11. Staff Appraisal – Points Earned:

Subjects Average Pass % (20M)	Average Academic Classes % (20M)	Proctoring Students Average pass % (10M)	Proctoring Students Average Value additions % (20M)	Proctoring Students Average Attendance % (10M)	Students feedback % (20M)	Research Publications and Academic Contributions (50M)	Total out of (150M)

12. Additional responsibilities in the Department / College:

S. No	Responsibility	Assigned by	Duration
1			
2			

Date: **Signature of Faculty**

Remarks of the HOD:

Signature

Remarks of the Principal:

Signature

The outcome of the review of the performance appraisal reports

The decision taken is based on the outcome of the review of the performance appraisal reports by the management. It is conveyed by

1) one-one interaction

2) Discussions of general issues in departmental meetings

Decisions

- The increments are given at the end of the academic year.
- Knowing the status and capabilities of the faculty.
- Identify the areas in which training is required.
- Check the loopholes, if any, in the system or policies.
- Taking the output of the performance appraisal, as basis to plan for the future to ensure right man to right job.
- Enforced the training program me.
- Repositioned the employees according to their performances in their roles assigned to them.
- Good performers are appreciated and encouraged further for better performance.
- Reward/Award to the outstanding performers.

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

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

- Provision of inviting/having visiting/adjunct/emeritus faculty(1)
- Minimum50hoursperyearinteractionwithadjunctfacultyfromindustry/retiredprofessorsetc. (Minimum 50 hours interaction in a year will result in 3 marks for that year; 3 marks * 3 years = 9 marks)

Academic Year: 2018-2019

S.No	Visiting Faculty	Designation	Organization	Course	Class	No.of Hours
1.	B.Narasimha Rao	Project Manager	Tech-Mahandra, Hyderbad	Java	II CSE-A&B	28
2.	G.V.Krishna Reddy	Tech Lead	Tech-Mahandra, Hyderbad	Cloud Computing	IV-II A&B	29
Total						57

Academic Year: 2017-2018

S. No	Visiting Faculty	Designation	Organization	Course	Class	No.of Hours
1	S.Ramu	Salutation Architect	Ericson – India	Bigdata	IV-I A&B	30
2	G.V.Krishna Reddy	Tech Lead	Tech-Mahandra, Hyderabad	Cloud Computing	IV-II A&B	32
Total						62

Academic Year: 2016-2017

S. No	Visiting Faculty	Designation	Organization	Course	Class	No. of Hours
1	S.Ramu	Salutation Architect	Ericson – India	Big data	IV-I A&B	28
2	Ch.Eswar	Tech lead	Value labs	STM	IV-I A&B	27
Total						55

CRITERION 6	Facilities and Technical Support	80

6. FACILITIES AND TECHNICAL SUPPORT (80)

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

S. No	Name of the Laboratory	No. of students per setup (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	CSE LAB 1	1	1. HCL Computers With Dualcore 1.8GHZ 2. Hcl computers With dualcore 2.0 GHZ 3. WIPRO Computers with Dual core 2.4 GHZ 4. WIPRO Computers with Dual core 2.6 GHZ 5. Cisco SR2024T-EU-24 Port Switch 6. UPS VERTEX(BPE) 10KVA	29.1%	Mushtari Begum	Programmer	MCA

2	CSE LAB 2	1	1. WIPRO Computers with Dual core 2.6 GHZ 2. WIPRO Computers with Dual core 2.4 GHZ 3. HCL Computers 4. VIVITEK DLP Projector	66.6%	K. Murali Mohan	Lab Technician	MCA
3	CSE LAB 3	1	1. HCL Computers with Dual core 1.8 GHZ	83.3%	P.Siva Naga Raju	Programmer	MCA
4	CSE LAB 4	1	1. HCL Computers with Dual core 1.8 GHZ 2. Acer Computers with Dual core 2.4 GHZ 3. VIVITEK-DLP Projector 4. Computers with i5 processor with 8GB RAM	83.3%	VAR. Koteswra RAo	Programmer	B.Tech

Table B.6.1

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

S.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	High end systems (6 systems in CSE LAB 4)	High end systems with Android studio, Hadoop software and R programming software	Facility to carry out experiments on Android app, Big data and data Mining	All students	Big data Android Data Mining	PO1, PO2, PO3 PO5
1	NS3	Network Simulator	UG projects	Final year students	CN & CNS	PO1,PO2,PO3,PO5, PO9,PO12/ PSO1
2	IoT	IoT Simulator	UG projects	Third and Final year students	IoT	PO1,PO2,PO3,PO5, PO9,PO12/ PSO1
3	Cloud Sim	Cloud Simulator	UG projects	Final year students	Cloud Computing	PO1,PO2,PO3,PO5, PO9,PO12/ PSO1
4	Computer Peripherals	Condemned Computers and peripherals	To provide complete picture of hardware devices for better understanding of the Course	3 hours per week	Real time experience of dissembling, locating the devices, assembling the system	PO1

Lab Occupancy:

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Computer Science & Engineering
CSE-LAB-3

II Semester Academic Year: 2018-19

C227- ADS LAB — II Year B.Tech CSE
C326- NP LAB — III Year B.Tech CSE
C327- STM LAB — III Year B.Tech CSE

Occupancy Time Table

Block – I Room No - 211

ROOM NO.- 211							W.E.F:19-11-2018
TIME / DAY	10:05am To 10:55am	10:55am To 12:00pm	12:00pm To 12:50pm	12:50pm To 1:25pm	2:10pm To 2:55pm	2:55pm To 3:50pm	3:50pm To 4:35pm
Mon	NP LAB III CSE-A			LUNCH	ADS LAB II CSE-B		
Tue	STM LAB III CSE-B				NP LAB III CSE-A		
Wed					ADS LAB II CSE-A		
Thu	ADS LAB II CSE-B				MAINTENANCE		
Fri	NP LAB III CSE-B				STM LAB III CSE-A		
Sat	ADS LAB II CSE-A				NP LAB III CSE-B		

LAB OCCUPANCY		NAME OF THE FACULTY
Physical Lab Incharge		Mr. K. Rama Rao
ADS LAB II CSE-A	Faculty Incharge:	Mr. K. Rama Rao
	Supporting Staff:	Mr.M.Anand Kumar
ADS LAB II CSE-B	Faculty Incharge:	Mr. K. Rama Rao
	Supporting Staff:	Mr.M.Anand Kumar
NP LAB III CSE-A	Faculty Incharge:	Ms.G.D.Vijaya Lakshmi
NP LAB III CSE-B	Faculty Incharge:	Ms.G.D.Vijaya Lakshmi
STM LAB III CSE-A	Faculty Incharge:	Mr.K.Venkatesh
	Supporting Staff:	Mr. M. Srinivasa Rao
STM LAB III CSE-B	Faculty Incharge:	Mr.K.Venkatesh
	Supporting Staff:	Mr.M. Srinivasa Rao

Lab Incharge Time table In-charge HOD

6.3 Laboratories: Maintenance and overall ambiance (10)

I. Adequate, well-equipped laboratories to meet the curriculum requirements and the POs

Adequate well-equipped laboratories to meet the curriculum requirements and the POs: Computer programming Lab, Internet center lab, Database Warehousing Lab, Network & Object Oriented Systemslab, Multimedia and Operating Systems Lab, Software Testing and Computing Lab and Project/R & D Lab are well equipped to meet the academic curriculum and lab Ambiances are appropriate. Students are demonstrated laboratory experiments and they perform it. They can compete in any technical competition over India and they achieved good practical knowledge which will help them for their industrial campus drive program.

II. Availability of computing facilities in the department

S.No	Name Of The Lab	No. Of Computer
1	CSE LAB 1	39
2	CSE LAB 2	40
3	CSE LAB 3	39
4	CSE LAB 4	36
5	Project LAB	20

- 48Mbps Line BSNL Internet facility
- UTM-Unified Threat Model (Cyberoam)

Lab is equipped with requisite softwares for the lab sessions being conducted here.

III. Availability of laboratories with technical support within and beyond working hours

Availability of laboratories with technical support within beyond working hours: Computer programming Lab, Internet center lab, Database Warehousing Lab, Network & Object Oriented Systemslab, Multimedia and Operating Systems Lab, Software Testing and Computing Lab and Project/R & D Labs are always available within the working hours and also available beyond working hours.

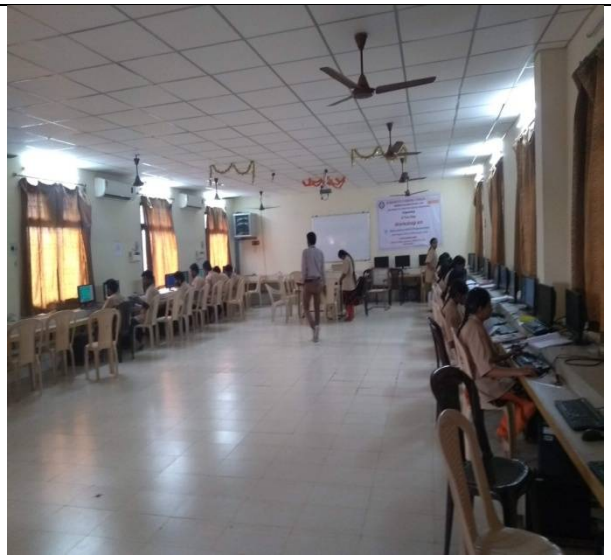
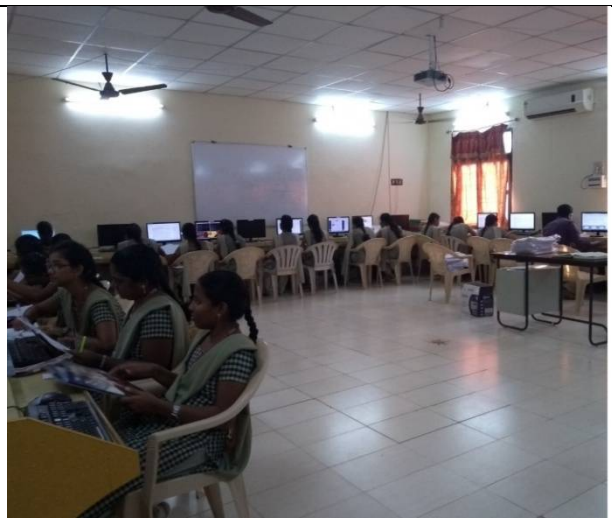
IV. Equipment to run experiments and their maintenance, number of students per experimental setup, size of the laboratories, overall ambiance, etc.

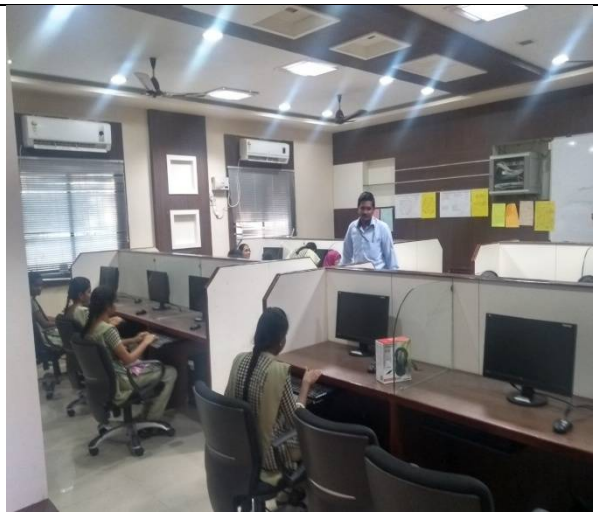
- Equipment to run experiments : 1:1 Ratio the equipment(PC) is available
- Maintenance : Well and up to date maintained
- Number of students average per experimental setup size of laboratories overall ambiance: 36

Laboratories Size:

S.No	Name Of The Lab	Area in Sq.m
1	CSE LAB 1	94.2
2	CSE LAB 2	120.774
3	CSE LAB 3	69.6773
4	CSE LAB 4	67.3547
5	Project	69.6773

Overall Laboratory ambience:

CSE LAB 1	CSE LAB 2
	
CSE LAB 3	**CSE LAB 4**
	

Project Lab


6.4. Project Laboratory (5)

Details of available Facilities/Equipment in Project Laboratory

S. No	Name of the Facilities/Equipment	No. of Units
1	Desktops: I5 Processor, 8 GB RAM, 1TB HDD, 18.5” LED Monitor, Optical Mouse &Keyboard. Desktops : Intel Dual CoreG3250 3.0Ghz Processor, 2GB DDR3 Ram, 320 GB SATA HDD, 18.5” LED Monitor, WIPRO USB Optical Mouse &Keyboard.	20 Systems
	12u Valrack Mount Rack	1 NO.
	24 port D-Link 10/100 MBPS switches	1 NOs
	24 port D-Link Patch Panel	1 NOs
	UPS : 10KVA Online UPS	1 NOs

Details of available Software in Project laboratory

S.No	Software Available	Utilization	Licensed/ Freeware
1	MS-Office 2007	UG Students and Faculty	Educational Pack
2	Boroland C, C++	UG Students and Faculty	Educational Pack
3	JAVA SE development	UG Students and Faculty	Open Source
4	Microsoft Visual Studio	UG Students and Faculty	Educational Pack
5	MySQL	UG Students and Faculty	Open Source
6	Adobe Reader	UG Students and Faculty	Open Source
7	Microsoft Windows GNU	UG Students and Faculty	20 user
8	PYTHON3.6	UG Students and Faculty	Open Source
9	NS3	UG Students and Faculty	Open Source
10	IoT	UG Students and Faculty	Open Source
11	Cloud Sim	UG Students and Faculty	Open Source

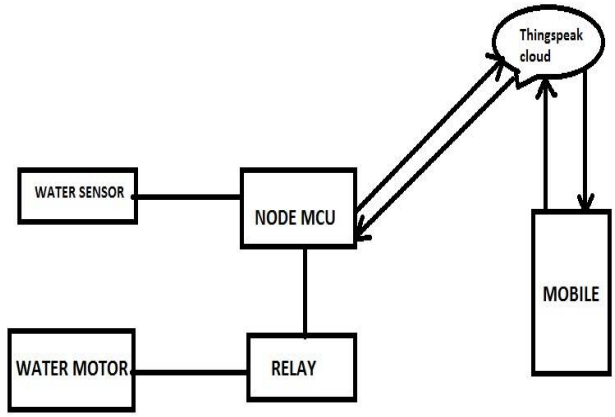
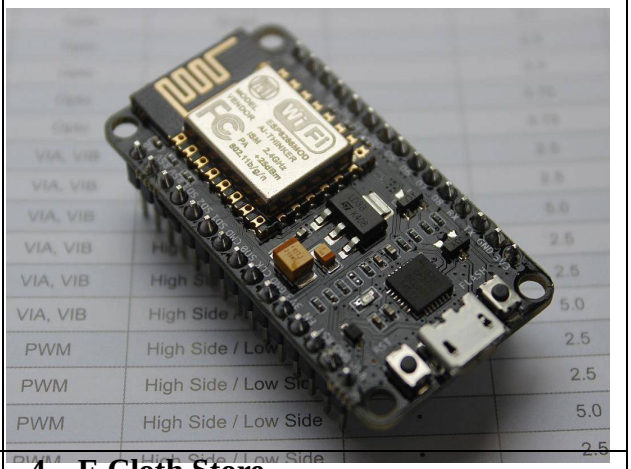
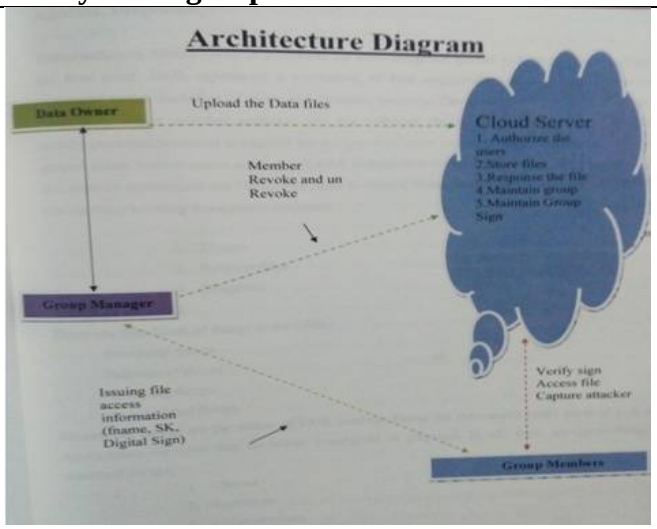
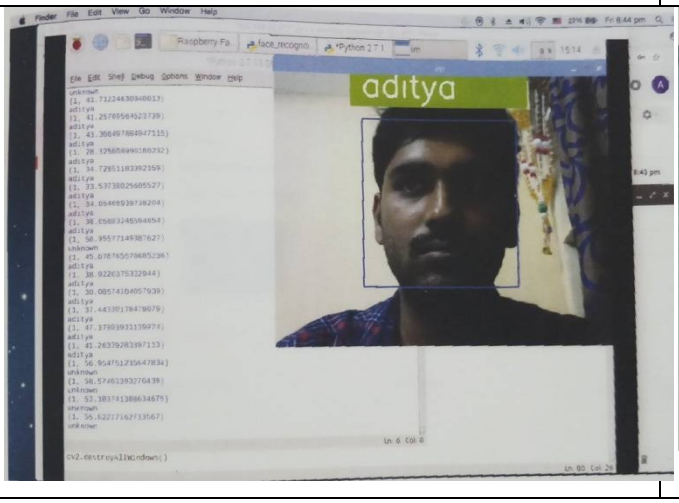
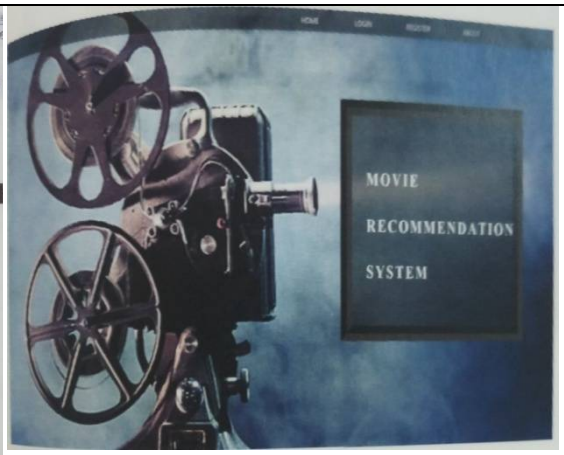
Details of working models

Sl.	Register No.	Student Details	Title Name	Guide
1	14MQ1A0518	M. SRIVALLI SARVANI	IoT Based Smart Gas Monitering System	P.V.L.Narasimha Rao
2	14MQ1A0528	THOTA INDRA DEEPIKA		
3	14MQ1A0502	ADAPA PUJITHA		
4	14MQ1A0519	MANDA MEHER	Movie Recommendation System	K.Venkatesh
5	14MQ1A0514	KARUMURI RAJITHA		
6	14MQ1A0503	APSARJAHA . ABDUL		
7	14MQ1A0521	PARASA VINEETHA		
8	14MQ1A0541	KOLLI SANKAR SURESH	Water Motor Automation in Agriculture	Mr S.V.C.Gupta
9	15MQ5A0510	G.VENKATA NAGA		
10	15MQ5A0508	G. V.V.S.T.BHARATH		
11	15MQ5A0507	BOYANA HOSANNA		
12	14MQ1A0584	KATRAGADDA KESAVA	Online shopping	P.Siva Naga Raju
13	14MQ1A0583	K.NAGA SRI AKHIL		
14	14MQ1A0581	BORRA SIVAKUMAR		
15	14MQ1A0590	S KRISHNA SUDHEER		
16	14MQ1A0566	NIKHAT TABASSUM	A Novel Approach to Predict the model for Imbalanced datasets using 'R'	M.Srinivasa Rao
17	14MQ1A0563	M TARUNA SREE		
18	14MQ1A0558	KURICHETI MOUNIKA		
19	14MQ1A0564	NAMDAM LAKSHMI		
20	14MQ1A0571	P. M.N.V. AMBICA		
21	14MQ1A0587	M. M. MURALI KRISHNA	Two-factor Cheating Preventation in Visual Cryptography using	S.V.C.Gupta
22	15MQ5A0520	NAIDU BHARAT		
23	14MQ1A0592	VARADA VASANTH ROY		

Projects Done

A.Y	No. of Projects	No. of Faculty Involved
2016-17	4	2
2017-18	6	4
2018-19	6	4

Prototypes

1.Water Motor Automation in Agriculture	2. Node MCU
	
3. Secure anti collusion data sharing for dynamic groups	**4. E Cloth Store**
	
5. Facial Recognition Door	**6. Movie Recommendation System**
	

6.5. Safety measures in laboratories (10)

S. No.	Name of the Laboratory	Safety measures
1	CSE LAB 1	1)Fire extinguisher 2) Water Pipelines 3)Emergency Exists 4) Extra stair case fitted to by-pass the accidental paths. 5)Fire Line path
2	CSE LAB 2	1)Fire extinguisher 2) Water Pipelines 3)Emergency Exists 4) Extra stair case fitted to by-pass the accidental paths. 5)Fire Line path
3	CSE LAB 3	1)Fire extinguisher 2) Water Pipelines 3)Emergency Exists 4) Extra stair case fitted to by-pass the accidental paths. 5)Fire Line path
4	CSE LAB 4	1)Fire extinguisher 2) Water Pipelines 3)Emergency Exists 4) Extra stair case fitted to by-pass the accidental paths. 5)Fire Line path
6	Project Lab	1)Fire extinguisher 2) Water Pipelines 3)Emergency Exists 4) Extra stair case fitted to by-pass the accidental paths. 5)Fire Line path

Table B.6.5

CRITERION 7	Continuous Improvement	50

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

Identify the areas of weaknesses in the program based on the analysis of evaluation of POs&PSOs Attainment levels. Measures identified and implemented to improve POs&PSOs attainment levels for the assessment years.

Actions to be written as per table in3.3.2.

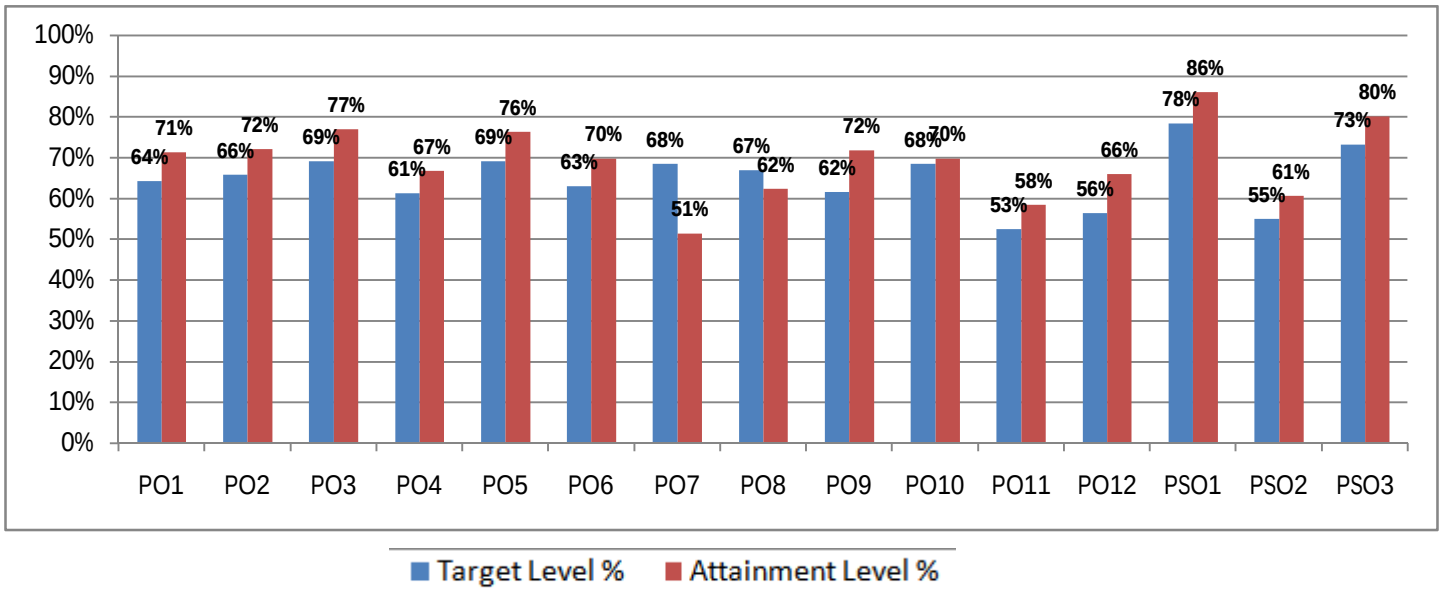
POs&PSOsAttainmentLevelsandActionsforimprovement–CAY-2017-18

POs	Target level	Attainment level	Observations
PO1:StatementasmentionedinAnnexureI			
PO1	3.1.3POAvg *0.9 1.93*0.9(64%)	3.3.2-Overall attainment 2.14(71%)	Low attainment observed in C324,C327,C414,C418 **Observations :** 1. Attainment level still it is 71% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO2:StatementasmentionedinAnnexureI			
PO2	66%	72%	Low attainment observed in C329,C424,C213,C215,C315 **Observations :** 1. Attainment level still it is 72% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO3:StatementasmentionedinAnnexureI			
PO3	69%	77%	Low attainment observed in C215,C314,317 **Observations :** 1. Attainment level still it is 77% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO4:StatementasmentionedinAnnexureI			
PO4	61%	67%	Low attainment observed in C214,C218,C425 **Observations :** 1. Attainment level still it is 67% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted			

3. More problems will be given for practice			
PO5:StatementasmentionedinAnnexureI			
PO5	69%	76 %	Low attainment observed in C315,C212,C218,C228,C324 **Observations :** 1. Attainment level still it is 76% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO6:StatementasmentionedinAnnexureI			
PO6	63%	70%	Low attainment observed in C312,C411 **Observations :** 1. Attainment level still it is 70% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO7:StatementasmentionedinAnnexureI			
PO7	68%	51%	Low attainment observed inC314,C422 **Observations :** 1. Attainment level still it is 51% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO8:StatementasmentionedinAnnexureI			
PO8	67%	62%	Low attainment observed in C324 **Observations :** 1. Attainment level still it is 62% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO9:StatementasmentionedinAnnexureI			
PO9	62%	72%	Low attainment observed in C222,C414,C423 **Observations :** 1. Attainment level still it is 72% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO10:StatementasmentionedinAnnexureI			
PO10	68%	70%	Low attainment observed in C324 **Observations :** 1. Attainment level still it is 70% we need to improve 2. Solving dynamic problem found to be difficult 3.Solving problem found to be difficult

Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO11:StatementasmentionedinAnnexureI			
PO11	53%	58%	Low attainment observed in C323,C325,C328 **Observations :** 1. Attainment level still it is 58% we need to improve 2. Solving dynamic problem found to be difficult 3.Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PO12:StatementasmentionedinAnnexureI			
PO12	56%	66%	Low attainment observed in C225,C315,C328,C414 **Observations :** 1. Attainment level still it is 66% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
Similar information is to be provided for PSOs			
PSO1:StatementasmentionedinAnnexureI			
PSO1	78%	86%	Low attainment observed in C324,C422 **Observations :** 1. Attainment level still it is 86% we need to improve 2. Solving dynamic problem found to be difficult 3. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PSO2:StatementasmentionedinAnnexureI			
PSO2	55%	61%	Low attainment observed in C213,C325,C327 **Observations :** 1.Attainment level still it is 61% we need to improve 2.Solving dynamic problem found to be difficult 3.Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			
PSO3:StatementasmentionedinAnnexureI			
PSO3	73%	80%	Low attainment observed in C314,C324 **Observations :** 4.Attainment level still it is 80% we need to improve 5.Solving dynamic problem found to be difficult

			6. Solving problem found to be difficult
Action1: Additional classes to be conducted for courses 2: Practical approach of teaching programming to be adapted 3. More problems will be given for practice			



PO/PSO Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Target Level %	64%	66%	69%	61%	69%	63%	68%	67%	62%	68%	53%	56%	78%	55%	73%
Attainment Level %	71%	72%	77%	67%	76%	70%	51%	62%	72%	70%	58%	66%	86%	61%	80%

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

(Academic Audit system/process and its implementation in relation to Continuous Improvement)

The process of Academic Auditing intends to monitor and enhance the quality of technical education through proper guidelines for both teaching faculty and students, so as to ensure qualified engineers/researchers passing out from Sri Vasavi Institute of Engineering & Technology.

Committee composition

- One Senior Faculty as co-coordinator
- Second person from each department as members

Committee Members

S.No	Name	Designation & Department	Position
1	SVC.Gupta	Professor, CSE	Coordinator
2	Ch.Giri Phani Kumar	Assistant Professor, CE	Member
3	P.Srikanth	Assistant Professor, EEE	Member
4	V.Vijaya Bhaskar	Associate Professor, ME	Member
5	GSVNV.Babu	Professor, ECE	Member
6	Sri M.Srinivasa Rao	Associate Professor, CSE	Member
7	Dr P.Seshu Babu	Associate Professor, S&H	Member

OBJECTIVES OF ACADEMIC AUDITING:

(i) To ensure academic accountability.

(ii) To define quality of each component of the functionalities and to ensure quality of technical education throughout the system.

(iii) To safeguard functionalities of technical education.

(iv) To define effectiveness of teaching – learning process and to devise methodology to confirm maximum output from faculty members as well as students.

S.No	Audit Parameter	Frequency	Documents to be verified	Expected Outcome
1	Course File	Three times per Semester	Phase-I, Phase-II, Phase-III	Phase-I - Gaps to be identified Phase II – Remedial and Make up classes for Weak Students Phase III – Analysation of Question paper Qualities
2	Syllabus Monitoring	Monthly Once	As per Instruction Plan in Course File	Up to date
3	Faculty Development Programmes	Yearly Once	Participation Certificates	Every Faculty should Participate
4	Faculty Development Programmes conducted	Yearly Once	As per the year planner	To be Conducted
5	Guest lectures & work shops	Yearly once	As per the year planner	To be Conducted

DOCUMENTS TO BE PRODUCED FOR AUDITING

In the institution all programs maintain the details of various academic activities in the form of documents given below. These documents shall be made available to the auditor as and when required.

1. Class Time Table & Faculty Time Table
2. Students Roll List
3. Students Batch List (for practical courses, projects)
4. Course File for all the theory courses including lab courses
5. Log register used in Laboratory
6. Consolidated Attendance statement of students
7. Consolidated statement of marks of internal tests
8. Project (Mini project/Design project/Final semester project) progress review reports
9. Register of internal evaluation marks
10. Result Analysis

A course file is to be maintained by each staff of the department for each course handled by him/her.

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Nandamuru, Pedana Mandal, Krishna Dist – 521 369
Course File First Check List

Program Name: Academic Year:

Faculty Name: Course Name:

S.No.	Item	Description	Remarks
1	Course syllabus	Preferably the University provided document (without college name/header)	
2	Course Outcomes (CO)	6 outcomes covering entire syllabus, easily explainable by the faculty (with unique numbering for each CO)(with TL - Taxonomy Level)	
3	Lesson plan	Topic wise, with references, teaching aid/methodology matching with Time Table; Also, reflect tutorials, topic beyond syllabus in planning	
4	Topics beyond syllabus (TBS)	List of topics taught other than university specified syllabus (Topic, mapped CO, justification/Curriculum Analysis)	
5	Web references	List of web links for the course (preferably .ac.xx, .edu, .org, .gov, ocw.)	
		Topic wise web links for entire syllabus	
6	Self-learning resources	ICT based material, Online certifications, MOOCs etc.	
7	Lecture notes	Module wise, hand written and easily traceable – topic wise (aligned to Lesson plan)	
8	Power point presentations / Videos	Presentations list (topic and file name)	
		CD should be present in the box file itself.	
9	Result Analysis to identify Weak and advanced learners	List of Weak and advanced learners based on	
		1). BEFORE THE SEMESTER START: A).Students performance up to previous semester; B). Their Performance of pre-requisite course	
		2). AFTER 3 weeks of instruction observation	
		3). Based on Internal Examination marks.	

Signature of Faculty IQAC Member HOD

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Nandamuru, Pedana Mandal, Krishna Dist – 521 369
Course File Second Check List

Program Name: Academic Year:
Faculty Name: Course Name:

S.No.	Item	Description	Remarks
1	University Question papers	3 years papers taken from exam branch (marked with CO, TL for each question)	
2	Internal Question papers with with Key	3 years papers taken from exam branch (marked with CO, TL for each question); Answers written by faculty	
3	Assignment Question papers	Assignment question papers taken from exam branch (marked with CO, TL for each question);	
4	Tutorial evidence	List of tutorial topics as per time table	
		Notes / material for tutorials	
5	Result Analysis to identify Weak and advanced learners	List of Weak and advanced learners based on	
		1). BEFORE THE SEMESTER START: A).Students performance up to previous semester; B). Their Performance of pre-requisite course	
		2). AFTER 3 weeks of instruction observation	
		3). Based on Internal Examination marks.	

Signature of Faculty

IQAC Member

HOD

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Nandamuru, Pedana Mandal, Krishna Dist – 521 369
Course File Third Check List

Program Name: Academic Year:
Faculty Name: Course Name:

S.No.	Item	Description	Remarks
1	Result Analysis to identify Weak and advanced learners	List of Weak and advanced learners based on	
		1). BEFORE THE SEMESTER START: A).Students performance up to previous semester; B). Their Performance of pre-requisite course	
		2). AFTER 3 weeks of instruction observation	
		3). Based on Internal Examination marks.	
2	Result Analysis at the end of the course	University examination result of the previous year and the present year	
3	Course Assessment	1). Internal exams marks list with attainment level calculation	
		2). University exam marks with attainment level calculation	
		3). Feedback on faculty from students – Analysis page	
		4). Course outcome feedback, Analysis	
		5). PO attainment page	
		6). Improvements identified based on the assessment	
4	Guest talks, field visits, Trainings, Certifications etc.	Details, if any	
5	Attendance register	Attendance for all students (as per Time Table)	
		Periodic monitoring of HoD / Principal	
		Teacher log update (As per Lesson Plan, having evidence for TBS)	
		Internal marks, Assignment marks updated	
6	Course file (Digital form)	Page mentioning the availability of the entire course file availability to students (web site link or common location detail)	
		All Self-Learning materials list with the location details	
7	IQAC Verification	Evidence that Cource file verified and certified with IQAC observations	

IQAC Member HOD

Signature of Faculty

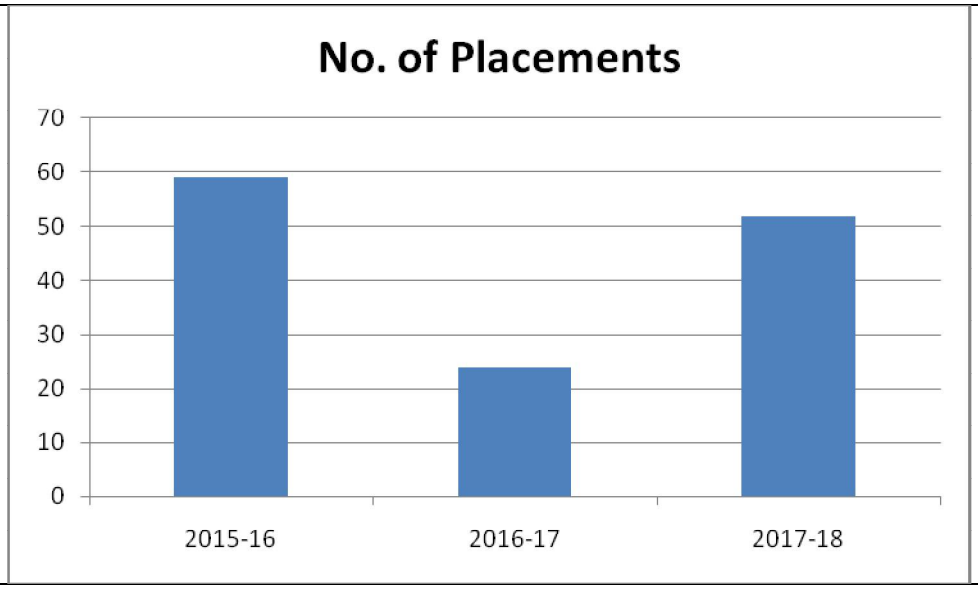
7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

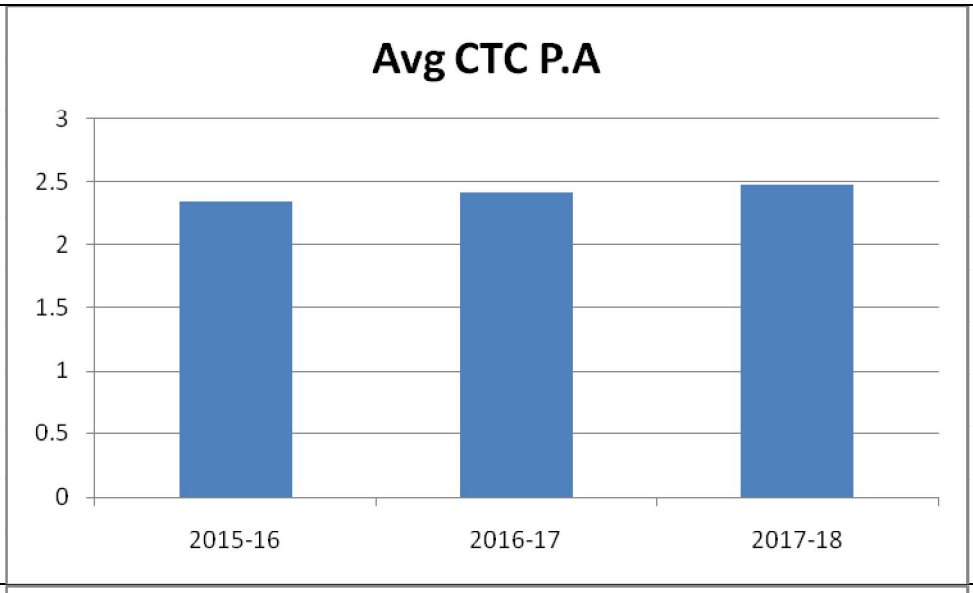
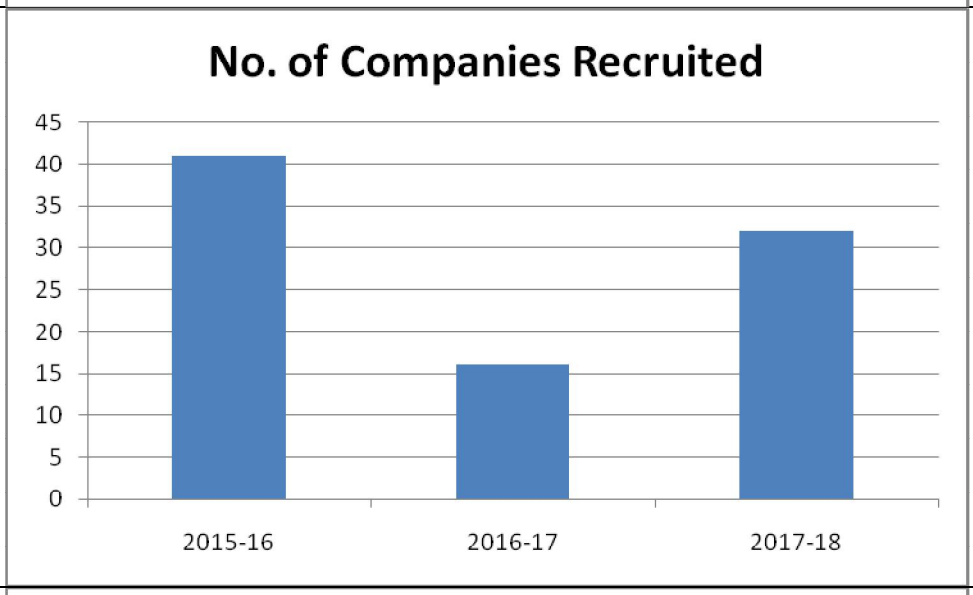
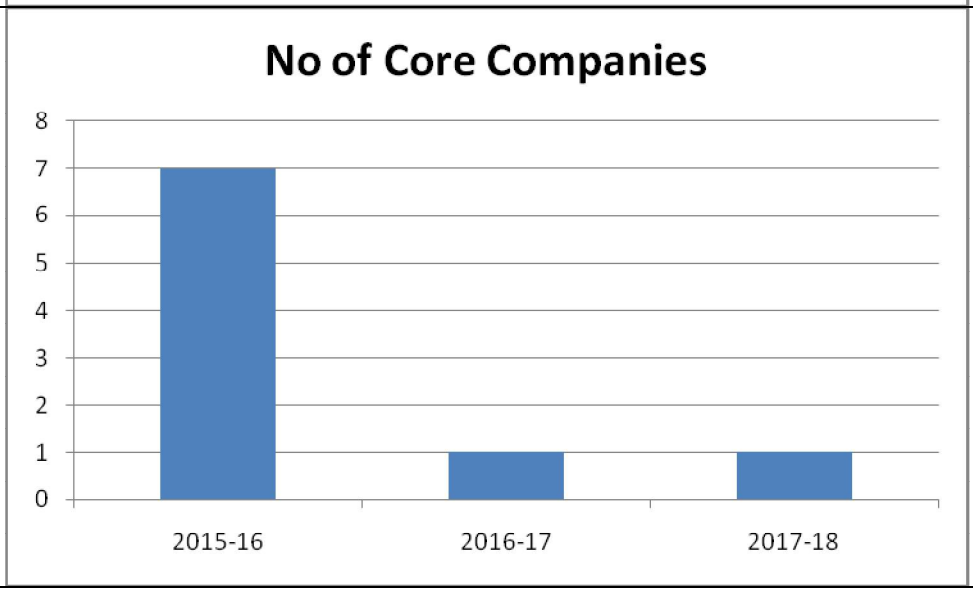
Assessment is based on improvement in:

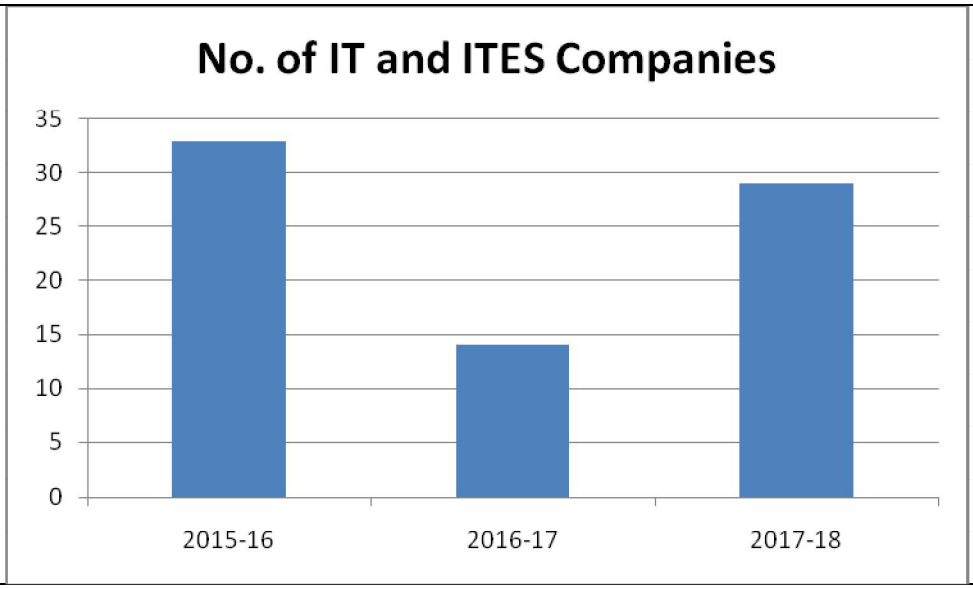
- Placement: number, quality placement, core industry, pay packages etc.
- Higher studies: performance in GATE, GRE, GMAT, CAT etc., and admissions in premier institutions
- Entrepreneurs

7.3.1 Placement Data Analysis for Three Assessment Years

A. Y	No. of Companies Recruited	Avg CTC P.A	No. of Placements	No of Core Companies	No. of IT and ITES Companies
2015-16	41	2.35	59	7	34
2016-17	16	2.42	24	1	15
2017-18	32	2.48	52	1	31

SNO.	Representation	Trend Description
1.		Considerable reduction in placements is observed in A.Y 2016-17 due to S/W Recession at the time of students joining

2.		A comparative progress in the quality and core potential application of the student
3		Preference to only qualitative companies instead of more ordinary ones
4		No of Core Companies in A.Y 2016-17& 2017-18 are less because students are showing less interest in Core Companies.

5		A decrease in the recruitments of IT companies.

7.3.2 Higher Studies Details:

Table 7.3.2.1: Higher Studies Enrollment details:

S no.	Academic Year	No. of Students joined in Higher Education	No. of students admitted through GATE, PGECET etc…	No. of Students opted for Higher studies Abroad
1	2015-16	3	1	2
2	2016-17	0	0	0
3	2017-18	4	3	1

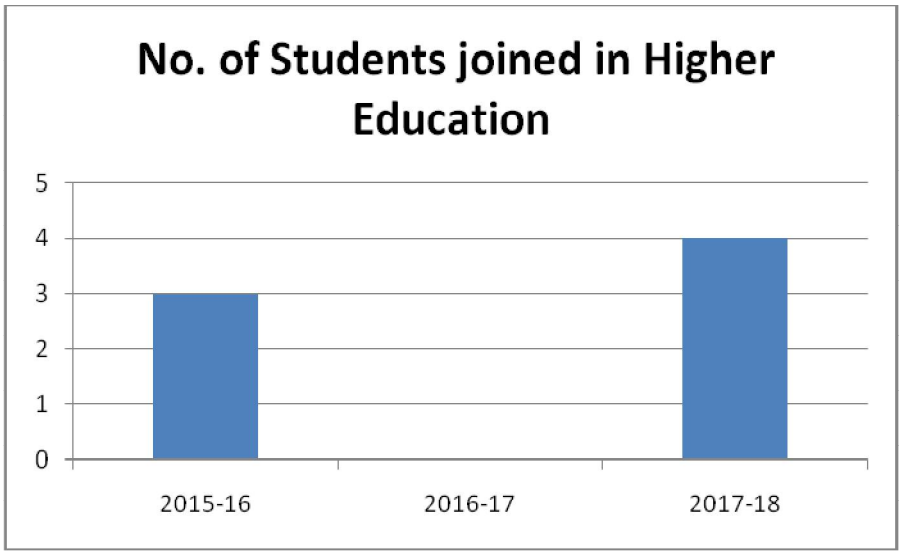


Figure 7.3.2.1:Higher Studies data Analysis for 3 Years

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

Assessment is based on improvement in terms of ranks/score in qualifying state level/national entrances tests, percentage marks in Physics, Chemistry and Mathematics in 12th Standard and percentage marks of the lateral entry students.

S. No	Item		2018-19	2017-18	2016-17
1	National Level Entrance Examination (Name of the Entrance Examination)	No. of Students admitted	-	-	-
		Opening Rank	-	-	-
		Closing Rank	-	-	-
2	EAMCET (State Level Entrance Examination)	No. of Students admitted	77	81	83
		Opening Rank	19469	9818	19740
		Closing Rank	123694	140376	136407
3	E-CET (Entrance Examination for Lateral Entry)	No. of Students admitted	0	03	01
		Opening Rank	-	843	1573
		Closing Rank	-	856	1573
4	Average CBSE/Any other Board Result of admitted students (Physics, Chemistry & Maths)		166.02	170.13	151.37

CRITERION 8	First Year Academics	50

8. FIRST YEAR ACADEMICS (50)

8.1. First Year Student-Faculty Ratio (FYSFR) (5)

Data for first year courses to calculate the FYSFR:

Year	Number of students (approved students strength)	Number of faculty members (considering fractional load)	FYSFR	*Assessment = (5 ×20)/ FYSFR (Limited to Max. 5)
2018-19	420	21	20	5
2017-18	420	22	19.09	5
2016-17	420	22	19.09	5
Average	420	21.6	19.39	5

Table B.8.1

***Note:** If FYSFR is greater than 25, then assessment equal to zero.

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

Assessment of qualification = (5*x* +3*y*)/*RF, 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, Faculty definition as defined in 5.1

Year	x	y	RF	Assessment of faculty qualification (5x + 3y)/RF
2018-19	04	17	21	3.38
2017-18	03	19	21	3.42
2016-17	04	18	21	3.52
Average assessment				3.44

Table B.8.2

8.3. First Year Academic Performance (10)

Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x *(number of successful students/number of students appeared in the examination)*

Successful students are those who are permitted to proceed to the second year.

Academic Performance	2017-18	2016-17	2015-16
Mean of CGPA or Mean Percentage of all successful students (X)	7.36	7.25	6.47
Total no. of successful students (Y)	113	117	111
Total no. of students appeared in the examination (Z)	113	117	112
API = X* (Y/Z)	7.36	7.25	6.47
Average API = (AP1 + AP2 + AP3)/3	7.02		

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

Subject : Computer Programming C115 I-I

CO	CO Statement	Blooms Taxonomy
C115.1	Explain the basic components of the computer and working of each device	Understand
C115.2	Design Algorithms and Flowcharts to solve simple problems	Create
C115.3	Describe the fundamentals of C programming	Understand
C115.4	Choose the decision making statements, loops and arrays to solve the problem	Apply
C115.5	Use functions and arrays to solve the given problem	Apply
C115.6	Apply the pointers, structures, unions and files Operations in a specific need	Apply

Subject : Object Oriented Programming through C++ C124 I-II

CO	CO Statement	Blooms Taxonomy
C124.1	List the key concepts of Object Oriented Programming and Identify the benefits of object oriented design	Remember
C124.2	Define and Describe the concepts of class, method, constructor, destructor, instance, overloading and Scope rules	Understand
C124.3	Implement the concepts of Inheritance, Operator overloading and abstract classes	Apply
C124.4	Adequately use the concepts of Polymorphism and Virtual Functions	Apply
C124.5	Demonstrate need of generic programming and exception handling	Apply
C124.6	Design and implement a program to solve a real-world problem using STL Programming model	Create

Table – 8.1.1

C202 is the second course in second year and ‘1’ to ‘6’ are the outcomes of this course

8.1.2 CO-PO matrices of courses selected in 8.1.1 (six matrices to be mentioned; one per semester for 1st year) (05)

Subject : Computer Programming C115(B) I-I

Courses Out Comes	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
C115.1	3	-	-	-	-	-	-	-	-	-	-	-
C115.2	3	-	-	-	-	-	-	-	-	-	-	-
C115.3	2	3	2	-	-	-	-	-	-	-	-	-
C115.4	2	3	2	-	2	-	-	-	2	-	-	-
C115.5	3	-	2	-	-	-	-	-	-	-	-	-
C115.6	2	2	3	-	-	-	-	-	-	-	-	-
C115	2.5	2.66	2.25	-	2	-	-	-	2	-	-	-

Subject : Object Oriented Programming through C++ C124 I-II

Courses Out Comes	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P011	P012
C124.1	3	2	-	-	2	-	-	-	-	-	-	-
C124.2	2	-	3	-	2	-	-	-	-	-	-	1
C124.3	2	3	-	-	2	-	-	-	-	-	-	-
C124.4	2	3	-	-	2	-	-	-	-	-	-	-
C124.5	3	2	1	-	2	-	-	-	-	-	-	-
C124.6	3	-	2	-	2	-	-	-	-	-	-	2
C124	2.5	2.5	2		2							1.5

Table 8.1.2

Note:

1 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 "-"

2 Similar table for PSOs

8.1.3 Program level Course-PO matrix of all courses in first year courses (10):

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	AVG
C111 (ENG-I)A	1.16	-	2	-	-	2	2	2	2	-	-	2	1.88
C111 (ENG-I)B	1.16	-	2	-	-	2	2	2	2	-	-	2	1.88
C112 (M-I)A	3	2	-	-	2	-	-	-	-	-	-	2	2.03
C112 (M-I)B	3	2	-	-	2	-	-	-	-	-	-	2	2.03
C113 (M-II)A	3	2	-	-	2	-	-	-	-	-	-	-	2.10
C113 (M-II)B	3	2	-	-	2	-	-	-	-	-	-	-	2.10
C114 (AP)A	3	2	-	-	-	-	-	-	-	-	-	-	2.50
C114 (AP)B	3	2	-	-	-	-	-	-	-	-	-	-	2.50
C115 (CP)A	2.67	2.5	2.33	-	2	-	-	-	2	-	-	-	2.30
C115	2.5	2.66	2.25	-	2	-	-	-	2	-	-	-	2.27

(CP)B													
C116 (ED)A	3	3	-	-	-	-	-	-	-	-	-	-	3.00
C116 (ED)B	3	3	-	-	-	-	-	-	-	-	-	-	3.00
C117 (ECL-I)A	-	-	-	-	-	-	2	2	2	2	-	2	2.00
C117 (ECL-I)B	-	-	-	-	-	-	2	2	2	2	-	2	2.00
C118 (APL)A	2	1	-	2	2	-	-	-	-	-	-	-	1.67
C118 (APL)B	2	1	-	2	2	-	-	-	-	-	-	-	1.67
C119 (APVL)A	2.6	1	-	-	-	-	-	-	-	-	-	-	1.80
C119 (APVL)B	2.6	1	-	-	-	-	-	-	-	-	-	-	1.80
C11A (CPL)A	2.1	1.66	1.8	-	2.5	-	-	-	3	-	-	-	2.21
C11A (CPL)B	2.1	1.66	1.8	-	2.5	-	-	-	3	-	-	-	2.21
C121 (ENG-II)A	1.25	1	2	-	2	2	1.75	1.33	2		-	2	1.70
C121 (ENG-II)B	1.25	1	2		2	2	1.75	1.33	2			2	1.70
C122 (M-III)A	3	2	-	-	2	-	-	-	-	-	-	-	2.10
C122 (M-III)B	3	2	-	-	2	-	-	-	-	-	-	-	2.10
C123 (AC)A	1	2	2	-	-	2	2.5	-	-	-	1	-	1.90
C123 (AC)B	1	2	2	-	-	2	2.5	-	-	-	1	-	1.90
C124 (OOPS)A	2.5	2.5	2		2							1.5	2.30
C124 (OOPS)B	2.5	2.5	2		2							1.5	2.30
C125 (ES)A	1	-	1	-	-	2	2.5	-	2	-	-	-	1.7
C125 (ES)B	1	-	1	-	-	2	2.5	-	2	-	-	-	1.7
C126 (EM)A	3	3	-	-	-	-	-	-	-	-	2	-	3.00
C126 (EM)B	3	3	-	-	-	-	-	-	-	-	2	-	3.00
C127 (ACL)A	2	2	-	-	-	3	3	-	-	-	-	-	2.5
C127 (ACL)B	2	2	-	-	-	3	3	-	-	-	-	-	2.5
C128 (ECL-II)A	1	1	1	-	2	1	2	2	-	2	-	2	1.56
C128	1	1	1	-	2	1	2	2	-	2	-	2	1.56

(ECL-II)B													
C129 (OPPSL)A	2.66	2.66	2.33	-	2	-	-	-	-	-	-	2	2.33
C129 (OPPSL)B	2.66	2.66	2.33	-	2	-	-	-	-	-	-	2	2.33
AVG	2.21	1.96	1.82	2.00	2.05	2.00	2.25	1.83	2.17	2.00	1.50	1.93	
NO OF COURSES	18	16	9	1	10	6	7	4	6	2	2	7	

Note:

1 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 "-"
It may be noted that the contents of Table 312 must be consistent with information available in Table 313 for all courses

2. Similar table for PSOs

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)

(Examples of data collection processes may include, bu

t are not limited to, specific exam questions, laboratory tests, internally developed assessment exams, oral exams, assignments presentations, tutorial sheets etc)

Each program follows the assessment manual consisting of direct and indirect attainment methods for assessing Theory courses, laboratories and projects.
Internally developed excel spread sheets are used for direct assessment. Feedback forms based on COs were framed for each class and the feedback was taken from students.

Theory Courses:
Direct Attainment

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal examinations	Twice per Semester	Examinations cell	Students scored > class average mark	1: <50% students 2: 50-70% students **3: >=70% students**	58.4%
Assignments	Once per semester	Course Coordinator	Students scored > class average mark	1: <50% students 2: 50-70% students **3: >=70% students**	11.6%
University Examinations	Once per semester	Examinations cell	Students scored > class average	1: <50% students 2: 50-70% students	30%

			mark Or Students scored > C Grade	**3: >=70% students**	
				Total	100%

Indirect Attainment

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
CO Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

Laboratories:
Direct method

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal Examination	Once in Semester	Lab Coordinator	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	13.3%
Day-to-day evaluation	During each lab session	Lab Coordinator	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	20%
University Examinations	Once in Semester	University appointed Examiner	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90	66.7%

				students	

Indirect Method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Lab Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

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

Program shall have set attainment levels for all first year courses
(The attainment levels shall be set considering average performance levels in the university examination or any higher value set as target for the assessment years Attainment level is to be measured in terms of student performance in internal assessments with respect to the COs of a subject plus the performance in the University examination)

Measuring Course Outcomes attained through University Examinations
Target may be stated in terms of percentage of students getting more than the university average marks or more as selected by the Program in the final examination For cases where the university does not provide useful indicators like average or median marks etc, the program may choose an attainment level on its own with justification
Refer 3.2.2 for further details
AY:2017-18
DIRECT ATTAINMENT THEORY

Course	CO1	CO2	CO3	CO4	CO5	CO6	OVERALL	TARGET	Y/N
C111 (ENG-I)A	2.65	1.95	2.13	2.30	2.48	2.07	2.26	1.69	Y
C111 (ENG-I)B	1.84	2.00	2.00	2.16	2.33	2.16	2.08	1.69	Y
C112 (M-I) A	1.88	1.70	1.88	1.35	1.70	1.70	1.70	2.03	N
C112 (M-I) B	1.65	1.77	1.83	2.00	2.18	2.00	1.90	2.03	N
C113 (M-II)A	1.88	2.05	1.70	1.35	1.47	1.70	1.69	2.10	N
C113 (M-II)B	2.18	2.18	2.00	2.00	2.00	2.18	2.09	2.10	N
C114 (AP)A	1.88	2.05	1.88	1.88	2.05	2.05	1.96	1.39	Y
C114 (AP)B	1.88	1.88	1.88	1.70	1.93	1.93	1.87	1.39	Y
C115 (CP)A	2.30	2.48	2.30	2.65	2.65	2.65	2.50	2.07	Y

C115 (CP)B	2.65	2.48	2.13	2.48	2.48	2.58	2.46	2.04	Y
C116 (ED)A	1.53	1.7	1.7	1.88	1.88	1.53	1.7	1.87	N
C116 (ED)B	2.40	1.00	1.70	1.70	2.40	1.70	1.82	1.72	Y
C121 (ENG-II)A	2.65	2.30	2.30	2.48	2.65	2.65	2.50	1.53	Y
C121 (ENG-II)B	2.48	2.30	2.30	2.13	2.48	2.30	2.33	1.53	Y
C122 (M-III)A	2.00	2.00	2.47	1.83	1.83	1.83	1.99	2.10	N
C122 (M-III)B	2.30	2.30	2.07	2.48	2.48	2.30	2.32	2.10	Y
C123 (AC)A	1.70	1.53	1.53	1.70	1.35	1.70	1.58	1.71	N
C123 (AC)B	1.53	1.53	1.53	1.88	1.88	1.70	1.67	1.71	N
C124 (OOPS)A	2.48	2.65	2.30	2.65	2.30	2.48	2.48	2.07	Y
C124 (OOPS)B	2.18	2.18	2.18	2.18	2.18	2.35	2.20	2.07	Y
C125 (ES)A	1.95	2.30	2.30	2.48	1.95	2.30	2.21	1.53	Y
C125 (ES)B	2.475	2.3	2.47	1.95	1.95	1.77	2.15	1.53	Y
C126 (EM)A	1.74	1.78	1.84	2.00	1.78	2.00	1.86	1.78	Y
C126 (EM)B	2.14	2	2.18	1.83	2	2.18	2.05	1.78	Y

DIRECT ATTAINMENT LABS

Course	CO1	CO2	CO3	CO4	CO5	CO6	OVERALL	TARGET	Y/N
C117 (ECL-I) A	2.066	2.066	2.066	2.066	2.066	2.066	2.066	1.69	Y
C117 (ECL-I) B	2.07	2.07	2.07	1.83	1.83	2.07	1.99	1.69	Y
C118 (APL)A	2.06	2.06	2.06	2.06	2.06	2.06	2.02	2.17	N
C118 (APL)B	1.70	1.70	1.70	1.70	1.70	1.70	1.56	2.17	N
C119 (APVL)A	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.10	Y
C119 (APVL)B	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.10	Y
C11A (CPL)A	3.00	2.06	2.06	2.53	2.06	2.34	2.34	1.99	Y

C11A (CPL)B	1.95	1.95	2.02	2.0	2.0	2.04	1.98	2.16	N
C127 (ACL)A	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	Y
C127 (ACL)B	1	2.4	2.4	2.4	2.4	2.4	2.16	2.5	N
C128 (ECL-II)A	2.06	2.06	2.06	2.06	1.83	2.06	2.02	1.69	Y
C128 (ECL-II)B	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.4	Y
C129 (OPPSL)A	2.37	2.06	2.53	3.00	2.53	3.00	2.58	1.89	Y
C129 (OPPSL)B	2.07	2.07	2.22	2.07	3.00	2.69	2.35	1.99	Y

INDIRECT ATTAINMENT THEORY

Course	CO1	CO2	CO3	CO4	CO5	CO6	OVERALL
C111 (ENG-I)A	1.80	1.88	2.05	2.02	2.15	2.02	1.99
C111 (ENG-I)B	2.07	1.78	2.11	1.84	1.85	1.85	1.85
C112 (M-I) A	1.92	2.15	2.02	1.88	1.92	2.12	2.00
C112 (M-I) B	1.87	1.91	1.95	2.13	2.04	2.00	1.98
C113 (M-II)A	2.03	2.05	1.98	1.93	2.08	2.07	2.03
C113 (M-II)B	2.04	1.89	2.18	1.89	1.96	2.22	2.03
C114 (AP)A	1.95	1.98	1.95	1.98	2.00	2.00	1.98
C114 (AP)B	2.02	2.00	2.05	2.20	2.02	2.07	2.06
C115 (CP)A	1.88	1.90	1.93	1.88	1.97	2.08	1.94
C115 (CP)B	2.65	2.48	2.13	2.48	2.48	2.58	2.46
C116 (ED)A	2.05	2.12	1.93	2.05	2.03	2.12	2.05
C116 (ED)B	2.02	2.05	1.95	1.73	1.95	2.05	1.96
C121 (ENG-II)A	1.80	2.05	2.02	2.15	1.93	2.02	1.99
C121 (ENG-II)B	2.00	2.00	2.00	2.00	1.85	2.13	2.00
C122 (M-III)A	1.93	2.00	1.87	2.25	2.03	2.07	2.03

C122 (M-III)B	2.21	1.98	1.87	1.96	1.70	1.96	1.95
C123 (AC)A	1.95	1.82	1.93	1.80	2.02	1.87	1.90
C123 (AC)B	1.83	2.11	2.06	2.02	2.00	1.81	1.97
C124 (OOPS)A	1.88	2.23	1.98	1.98	2.27	2.17	2.08
C124 (OOPS)B	2.21	1.81	2.00	1.98	1.92	2.13	2.01
C125 (ES)A	1.87	1.88	2.25	1.98	1.95	2.08	2.00
C125 (ES)B	1.92	1.92	2.02	1.68	2.02	1.98	1.92
C126 (EM)A	2.08	1.93	1.98	2.33	2.15	1.93	2.07
C126 (EM)B	2.1	1.92	2.04	2.06	2.00	2.09	2.04

INDIRECT ATTAINMENT LABS

Course	CO1	CO2	CO3	CO4	CO5	CO6	OVERALL
C117 (ECL-I) A	1.88	1.93	2.17	1.87	2.00	2.05	1.98
C117 (ECL-I) B	2.07	2.20	2.02	2.05	1.89	2.13	2.06
C118 (APL)A	2.05	1.95	1.93	1.98	2.07	1.92	1.98
C118 (APL)B	1.98	1.87	2.02	1.96	1.98	1.89	1.95
C119 (APVL)A	2.00	1.95	2.17	1.90	2.15	1.98	2.03
C119 (APVL)B	2.00	2.04	1.87	1.91	2.02	1.91	1.96
C11A (CPL)A	2.00	2.00	1.93	1.72	2.02	1.87	1.92
C11A (CPL)B	1.95	1.95	2.02	2.0	2.0	2.04	1.98
C127 (ACL)A	1.90	1.97	2.00	1.87	2.23	2.03	2.00
C127 (ACL)B	2.04	2.08	1.94	1.98	1.89	1.94	1.98
C128 (ECL-II)A	1.97	1.93	1.97	1.90	2.20	2.03	2.00
C128 (ECL-II)B	1.96	2.23	1.85	1.98	1.96	1.94	1.99
C129 (OPPSL)A	1.88	1.98	2.00	2.08	1.97	2.05	1.99

C129 (OPPSL)B	2.02	1.94	2.08	1.89	1.72	2.00	1.94

% OF STUDENTS ATTAINED

Course	CO1	CO2	CO3	CO4	CO5	CO6	UNIV
C111 (ENG-I)A	86.66	23.33	49.16	47.5	70.83	26.66	92
C111 (ENG-I)B	43.66	51	44.60	60	64.59	57.95	75
C112 (M-I)A	69.75	59	74.56	35	59.40	59.40	47
C112 (M-I)B	43.66	51	44.60	60	64.59	57.95	58
C113 (M-II)A	65.74	76.13	57.45	44.92	42	73.67	33
C113 (M-II)B	67.48	69.81	54.37	51.46	39	55.87	65
C114 (AP)A	50.3	67.5	59.5	71	79.7	70.5	38
C114 (AP)B	75	74	63.5	53.5	47	64	36
C115 (CP)A	64	73	65	78	76	73	74
C115 (CP)B	67	56.5	37	69.5	67.5	72.6	73
C116 (ED)A	58.5	60	77	76.2	69.5	37	43
C116 (ED)B	65	45	57	65	64.50	69	45
C117 (ECL-I)A	73	81	78	77	77	77	100
C117 (ECL-I)B	52.38	78.23	78.91	53.06	59.86	70.75	100
C118 (APL)A	81.11	81.11	81.11	81.11	81.11	81.11	100
C118 (APL)B	100	100	100	100	100	100	100
C119 (APVL)A	100	100	100	100	100	100	100
C119 (APVL)B	100	100	100	100	100	100	100
C11A (CPL)A	100	83	89	94	85	76	100

C11A (CPL)B							
C121 (ENG-II)A	92.5	55.83	57.5	60.83	72.5	66.66	96
C121 (ENG-II)B	59.61	49.03	53.84	44.89	77.55	60.20	76
C122 (M-III)A	55.83	48.41	70.	55.04	55.04	47.70	69
C122 (M-III)B	65.68	63.20	49	60.92	60.69	49.75	86
C123 (AC)A	44.4	49.4	42.5	61.2	54	62.3	38
C123 (AC)B	52	43.5	48.1	63.4	61	49.5	30
C124 (OOPS)A	70	75	65	73	67	70	71
C124 (OOPS)B	65	68	66	66	68	70	61
C125 (ES)A	53	54	68	80.5	43.9	53.3	82
C125 (ES)B	58	47	50	57	55	52	87
C126 (EM)A	52	27	49	65.3	43	64.7	58
C126 (EM)B	62	38	66	59.8	55	75.1	61
C127 (ACL)A	86.67	86.67	86.67	86.67	86.67	86.67	100
C127 (ACL)B	72.33	72.33	72.33	72.33	72.33	72.33	73.58
C128 (ECL-II)A	74.44	77.78	83.89	77.78	78.33	77.22	100
C128 (ECL-II)B	67.31	70.51	64.74	67.95	66.03	67.95	88
C129 (OPPSL)A	100	83	89	94	84	76	100
C129 (OPPSL)B	73	76	63	83	100	97	100

COURSE Code	Direct	Indirect	Overall Course
C111 (ENG-I)A	2.26	1.99	2.21
C111 (ENG-I)B	2.08	1.85	2.03
C112 (M-I)A	1.7	2.00	1.76
C112 (M-I)B	1.9	1.98	1.92

C113 (M-II)A	1.69	2.03	1.76
C113 (M-II)B	2.09	2.03	2.08
C114 (AP)A	1.96	1.98	1.96
C114 (AP)B	1.87	2.06	1.91
C115 (CP)A	2.5	1.94	2.39
C115 (CP)B	2.46	2.03	2.37
C116 (ED)A	1.7	2.05	1.77
C116 (ED)B	1.82	1.96	1.85
C117 (ECL-I)A	2.06	1.98	2.04
C117 (ECL-I)B	1.99	2.06	2.00
C118 (APL)A	2.02	1.98	2.01
C118 (APL)B	1.56	1.95	1.64
C119 (APVL)A	3	2.03	2.81
C119 (APVL)B	3	1.96	2.79
C11A (CPL)A	2.34	1.92	2.26
C11A (CPL)B	2.34	1.93	2.26
C121 (ENG-II)A	2.5	2.00	2.40
C121 (ENG-II)B	2.33	1.98	2.26
C122 (M-III)A	1.99	2.03	2.00
C122 (M-III)B	2.32	1.95	2.25
C123 (AC)A	1.7	1.90	1.74
C123 (AC)B	1.67	1.97	1.73
C124 (OOPS)A	2.48	2.08	2.40
C124 (OOPS)B	2.2	2.01	2.18
C125 (ES)A	2.34	2.00	2.27
C125 (ES)B	2.15	1.92	2.10
C126 (EM)A	1.86	2.07	1.90
C126 (EM)B	2.05	2.04	2.05
C127 (ACL)A	2.8	2.00	2.64

C127 (ACL)B	2.16	1.98	2.12
C128 (ECL-II)A	2.02	2.00	2.02
C128 (ECL-II)B	1.76	1.99	1.81
C129 (OPPSL)A	2.58	1.99	2.46
C129 (OPPSL)B	2.35	1.94	2.27

8.5 Attainments of Program Outcomes from First Year Courses (20)

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

The relevant Program outcomes that are to be addressed at first year need to be identified by the institution

Program Outcome attainment levels shall be set for all relevant POs and / or PSOs *through first year courses (Describe the assessment processes that demonstrate the degree to which the Program Outcomes are attained through first year courses and document the attainment levels Also include information on assessment processes used to gather the data upon which the evaluation of each Program Outcome is based indicating the frequency with which these processes are carried out)*

PO Attainment: Mention first year details from table 3.1.3

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111 (ENG-I)A	1.36		2.35			2.35	2.35	2.35	2.35			2.35
B	1.26		2.16			2.16	2.16	2.16	2.16			2.16
C112(M-I)A	2.60	1.73			1.73							1.73
B	2.83	1.89			1.89							1.89
C113(M-II)A	2.51	1.67			1.67							
B	2.97	1.98			1.98							
C114(AP)A	2.36	1.57										
B	2.29	1.53										
C115(CP)A	3.02	2.83	2.64									
B	2.81	2.99	2.53									
C116(ED)A	1.77	1.77										
B	1.85	1.85										
C117(ECL-I)A							2.04	2.04	2.04	2.04		2.04
B							2.00	2.00	2.00	2.00		2.00
C118 (APL)A	2.41	1.20		2.41	2.41							
B	1.96	0.98		1.96	1.96							
C119 (APVL)A	2.50	1.34										
B	2.50	1.33										
C11A(CPL)A	2.14	1.69	1.84		2.55				3.06			
B	2.15	1.70	1.84		2.55				3.07			
C121(ENG-	1.76	1.41	2.82		2.82	2.82	2.47	1.88	2.82			2.82

II)A												
B	1.66	1.33	2.66		2.66	2.66	2.33	1.77	2.66			2.66
C122(M-III)A	2.85	1.90			1.90							
B	3.21	2.14			2.14							
C123(AC)A	0.92	1.83	1.83			1.83	2.29				0.92	
B	0.91	1.82	1.82			1.82	2.28				0.91	
C124(OOPS)A	2.61	2.61	2.09		2.09							1.57
B	2.37	2.37	1.90		1.90							1.42
C125(ES)A	1.34		1.34			2.67	3.34		2.67			
B	1.24		1.24			2.48	3.09		2.48			
C126(EM)A	1.90	1.90									1.27	
B	2.05	2.05									1.37	
C127 (ACL)A	2.11	2.11				3.17	3.17					
B	1.70	1.70				2.55	2.55					
C128 (ECL-II)A	1.29	1.29	1.29		2.58	1.29	2.58	2.58		2.58		2.58
B	1.16	1.16	1.16		2.32	1.16	2.32	2.32		2.32		2.32
C129(OPPSL)A	2.81	2.81	2.46		2.11							2.11
B	2.59	2.59	2.27		1.95							1.95
DIRECT ATTAINMENT	2.10	1.85	2.01	2.19	2.18	2.25	2.50	2.14	2.53	2.24	1.11	2.11

PO Attainment:

*Direct attainment level of a PO is determined by taking average across all courses addressing that PO Fractional numbers may be used for example155
Note: Add PSOs; if applicable

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

(The attainment levels by direct (student performance) are to be presented through Program level Course-PO matrix as indicated)

PO Attainment Levels and Actions for improvement- 2018-19 Mention for relevant POs

POs	Target Level	Attainment Level	Observations
PO1:Statement as mentioned in Annexure I			
PO1	2.19	2.10	Attainment is low in the few basic science courses due to gaps in fundamental knowledge which are applicable in the curriculum

Action 1: Problem solving classes which targets the basic knowledge in science and engineering **Action 2:** Video lectures on the topic from open sources **Action 3:** Bridge courses for the first year at the beginning of the semester to cover the gap so that they may grasp the fundamentals in a better way.			
PO2:Statement as mentioned in Annexure I			
PO2	1.86	1.85	Students have difficulty in understanding the complex theories of Physics and Mathematics.
Action 1: Visual learning can enhance the understanding and more examples from real physical processes to be given **Action 2:** Practical approach of teaching programming to be adapted.			
PO3:Statement as mentioned in Annexure I			
PO3	1.95	2.01	Target is achieved
Action1:Planning to improve in next year			
PO4:Statement as mentioned in Annexure I			
PO4	2.00	2.19	Target is achieved
Action1:Planning to improve in next year			
PO5:Statement as mentioned in Annexure I			
PO5	2.18	2.18	Target is achieved
Action1:Planning to improve in next year :			
PO6:Statement as mentioned in Annexure I			
PO6	2.00	2.25	Target is achieved
Action1:Planning to improve in next year			
PO7:Statement as mentioned in Annexure I			
PO7	2.21	2.50	Target is achieved
Action1:Planning to improve in next year			

PO8:Statement as mentioned in Annexure I				
PO8	2	2.14	Target is achieved	
Action1:Planning to improve in next year				
PO9:Statement as mentioned in Annexure I				
PO9	2.25	2.53	Target is achieved	
Action1:Planning to improve in next year				
PO10:Statement as mentioned in Annexure I				
PO10	2.0	2.24	Target is achieved	
Action1:Planning to improve in next year				
PO11:Statement as mentioned in Annexure I				
PO11	1.5	1.57	Target is achieved	
Action1:Planning to improve in next year				
PO12:Statement as mentioned in Annexure I				
PO12	2.09	2.11	Target is achieved	
Action1:Planning to improve in next year				

Note: PSOs, if applicable to be added appropriately

Criterion 9	Student Support Systems	50

9. Student Support Systems (50)

9.1. Mentoring system to help at individual level (5)

Type of mentoring: Professional guidance/ career advancement/ course work specific/ laboratory specific all-round development. Number of faculty mentors, Number of students per mentor, Frequency of meeting.

(The institution may report the details of the mentoring system that has been developed for the students for various purposes and also state the efficacy of such system)

Type of Mentoring: All-round development

- An effective Student mentoring system (SMS) has already been implemented in our college.
- All the students of the college are coming under this system from the date of joining the college.
- Each faculty is allocated with 15-20 students under the mentoring system.
- Each mentor maintains a record with all details like parents/guardian's name, addresses, contact numbers, attendance and academic details.
- Faculties will have a meeting with the students periodically and their Academic progress and all his activities are discussed and noted in the record.
- Academically weak students are counseled and support is provided for their improvement.
- Meritorious students for all the years are felicitated for their scholastic achievement, which motivates other potential students towards such excellence.
- Apart from academic guidance, all mentors encourage the students' participation in co-curricular, extra-curricular and other professional activities to motivate and stimulate their overall growth.
- Mentors will be submitting the record to the high level Mentoring /Counseling committee at the end of the semester.

Counselling/ Mentoring System:

All Departments do maintain Mentoring system at three levels. HOD monitors the mentoring of entire department. Class In charges monitor the mentoring of their assigned classes and mentors do the actual mentoring of the assigned students. Each class is headed by a class in charge to monitor the mentoring of each and every student.

Mentoring mainly focuses on the course work, attendance, and professional guidance. Its main objective is the overall development of students.

Number of students allotted per mentor: 20 (Maximum)

Total number of mentors: 18 (CSE)

Frequency of meeting: Fortnight

Sample Mentor Allotment Table of II CSE II Semester

Sl.No	Range of Students	Mentor Name	No. Of Students
1	17MQ1A0501 to 17MQ1A0520	Sri S.Anil Kumar	20
2	17MQ1A0521 to 17MQ1A0540	Sri M.Anand Kumar	20
3	17MQ1A0541 to 17MQ1A0560	Sri K.Rama Rao	20

Objectives of mentoring and roles of mentor:

- Students can freely interact with their counsellor to express their problems.
- Provide support, encouragement, and positive perspectives.
- Give feedback on observed behaviour and report performance.
- Encourage students to utilize campus resources.
- Notify the attendance of the students and intimate to their parents and alert them to be regular to the classes.
- Notify the backlogs if any and alert the students to focus on academics.
- Motivate students to achieve academic excellence by guiding them to set goals.

Outcome: As the mentoring program has enhanced and implemented in the academic year there was lot of change in the academic performance and regularity of the students.

Case Study:

V. Chaitanya of III year Bearing Register Number 16MQ1A05B8 is pursuing B.Tech in Computer Science and Engineering. He is one such person who got benefited by mentoring. By the end of second year first semester he has 7 arrears, after counselling and continuous monitoring by mentor he cleared all the courses in second year second semester and third year first semester.

Sample Proforma of Counselling Record

Counsellor collects the student's initial details in a well-structured bio data which helps in understanding the key details about the student.

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU - 521 369, Pedana Mandal, Krishna Dist.

COUNSELLING RECORD

Regd. No. :

Passport Photo

Name of the Student :
Course :
Department :
Date of Birth : Blood Group :
EAMCET / ECET Rank :
Percentage of Marks 10th : Intermediate :
Day Scholar / Hostler : Room No. In case of Hostler
Mode of Travel :
Hobbies : Music / Sports & Games / Other :
Special Talents :
Prizes Won :

Address : Communication Permanent

Pin Pin
Tel. : Tel. :
Mobile : Mobile :
E-mail: E-mail:

1

PERFORMANCE IN EXAMS :

1st YEAR

	First Semester								Second Semester							
Theory Subjects	Quiz I	Quiz II	Mid I	Mid II	Tut.	Ass.	Int. 30	Univ. 70	Theory Subjects	Quiz I	Quiz II	Mid I	Mid II	Tut.	Ass.	Int. 30	Univ. 70
	5 M	5 M	15 M	15 M	5M	5M				5 M	5 M	15 M	15 M	5M	5M		
1									1								
2									2								
3									3								
4									4								
5									5								
6									6								
LABORATORY SUBJECTS							Int. 25	Univ. 50	LABORATORY SUBJECTS							Int. 25	Univ. 50
1									1								
2									2								
3									3								
4									4								
PERCENTAGE									PERCENTAGE								

2nd YEAR

	First Semester								Second Semester							
Theory Subjects	Quiz I	Quiz II	Mid I	Mid II	Tut.	Ass.	Int. 30	Univ. 70	Theory Subjects	Quiz I	Quiz II	Mid I	Mid II	Tut.	Ass.	Int. 30	Univ. 70
	5 M	5 M	15 M	15 M	5M	5M				5 M	5 M	15 M	15 M	5M	5M		
1									1								
2									2								
3									3								
4									4								
5									5								
6									6								
LABORATORY SUBJECTS							Int. 25	Univ. 50	LABORATORY SUBJECTS							Int. 25	Univ. 50
1									1								
2									2								
3									3								
4									4								
PERCENTAGE									PERCENTAGE								

2

ATTENDANCE (Cumulative) :

Year	Month	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1st Year	Attendance %												
2nd Year	Attendance %												
3rd Year	Attendance %												
4th Year	Attendance %												

DATE OF INTIMATION TO PARENTS:

I Year		II Year		III Year		IV Year	
1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
1.	1.	1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.	3.	3.
4.	4.	4.	4.	4.	4.	4.	4.

PARENT'S ACKNOWLEDGEMENT

	I Year		II Year		III Year		IV Year	
	1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
Signature								
Date								
Signature								
Date								
Signature								
Date								
Signature								
Date								

4

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU - 521 369, Pedana Mandal, Krishna Dist.

COUNSELLING RECORD

Regd. No. : 17MQ1A0570

Name of the Student : GAMIDI RUPA SOWJANYA
Course : B.TECH
Department : C.S.E
Date of Birth : 10-07-2000 Blood Group :
EAMCET / ECET Rank : 71858
Percentage of Marks 10th : 9.3 Intermediate : 948
Day Scholar / Hostler : Room No. In case of Hostler
Mode of Travel : COLLEGE BUS
Hobbies : Music / Sports & Games / Other :
Special Talents :
Prizes Won :

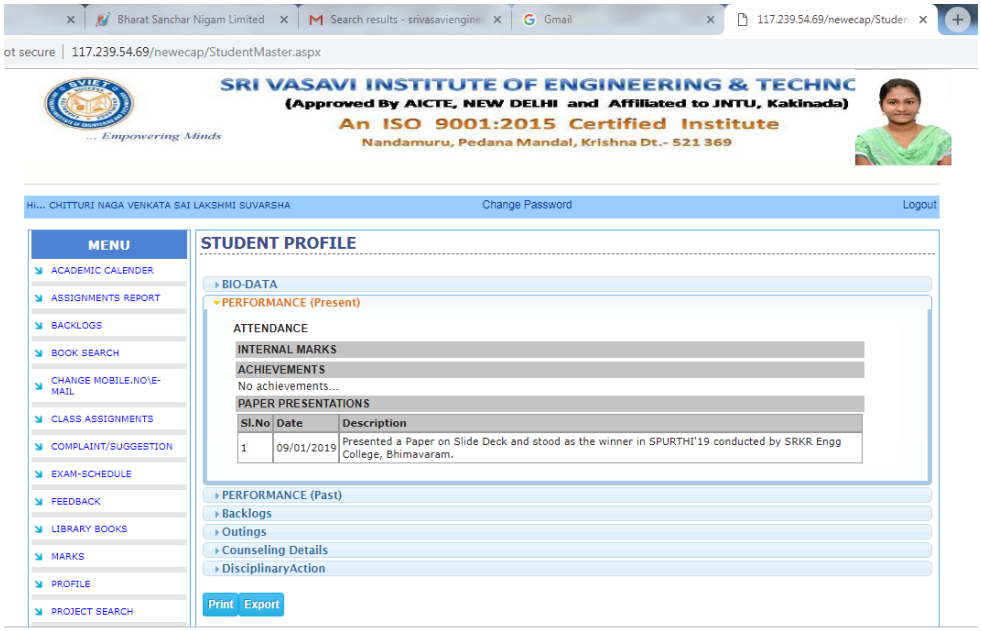
Address : Communication Parmanent

D.NO-14-310,
EDEPALLI,
MACHILIPATNAM.

Pin 521001 Pin
Tel. : Tel. :
Mobile : 8143318463 Mobile:
E-mail: E-mail:

1

Co-curricular and extra-curricular activities related achievements are tracked through ECAP software for the students. A sample profile of student is shown below



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

Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.

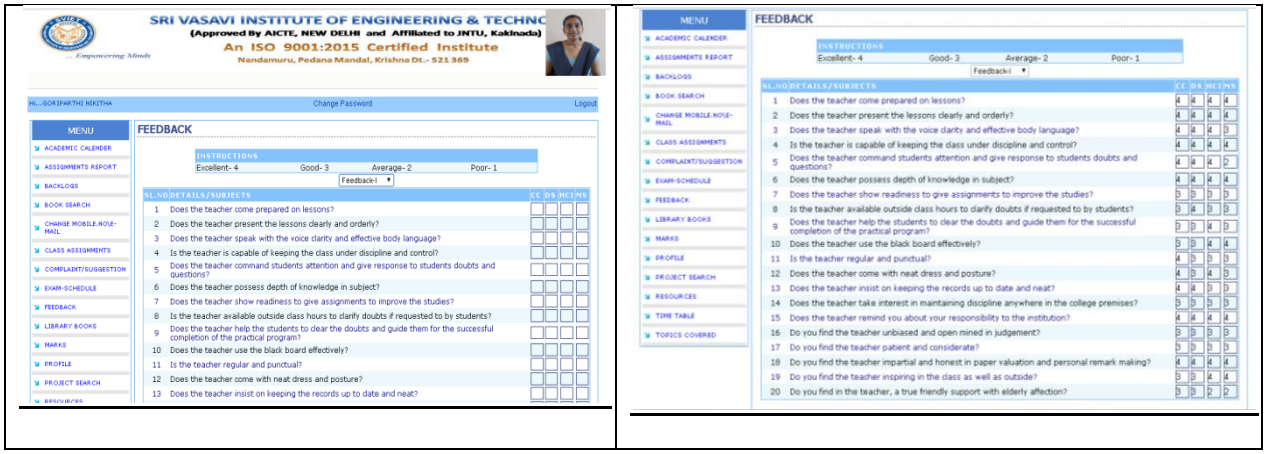
Feedback system is well-organized in this institute. The students can give their online feedback by logging in to the Feedback software using their ID. Once they log in to the software, list of courses and corresponding faculty members for that student is displayed. Students give their feedback according to a questionnaire which enables them to give their opinion as Excellent, Good, Average or Poor., which is analysed through the software.

- A feedback index (in a scale of 4) is calculated for each course for all faculty members, which may be considered as a measure of student's satisfaction.
- Various parameters of course-wise feedback report is graphically plotted for different faculty members which gives an overall idea of the quality of teaching-learning process for different courses.
- The students are also allowed to write whatever comments they want to make about the teachers which will be finally checked by Principal and HOD and is forwarded to the faculty concerned.
- The feedback report is shared with each individual faculty member for further improvement.
- Report of recommendation for improvement of individual faculty members of different departments are shared with concerned HODs for necessary action.

S.No.	Item	Response
1	Feedback collected for all	Yes

	courses	
2	Specify the feedback collection process	Online feedback is collected
3	Frequency	Twice per Semester
3	Who collects the feedback	Feedback is collected centrally at the Institutional level
4	When feedback is collected	In the 3rd Week of semester and after first mid of the semester.
5	Percentage of students participating	70% on an average
6	Basis of reward / corrective measures	Faculty members with feedback index below a pre-defined value are forwarded to higher authorities for corrective actions. This feedback index is also considered as one of the parameters for identifying faculty for felicitation.

Format for Feedback on Faculty/Teaching & Learning



Sample of feedback analysis on teaching – class

Academic Year: 2017-2018 Semester: I

Program/Department: B.Tech CSE, Feedback taken from: III Year

S.No.	Subject Name	Name of the Faculty	Feedback %
1	COMPILER DESIGN	P.ASHOK KUMAR	77
2	PRINCIPLES OF PROGRAMMING LANGUAGES	JVN.RAJU	84
3	DATABASE MANAGEMENT SYSTEMS	M.SRINIVASA RAO	85
4	OPERATING SYSYEMS	MD AMEER RAZA	86
5	DATA COMMUNICATIONS	D.V. SRIDHAR	85
Department Feedback on Teaching(Average)			83.4

Academic Year: 2017-2018 Semester: I

Program/Department: B.Tech ECE, Feedback taken from: III Year

S.No.	Subject Name	Name of the Faculty	Feedback %

1	Computer Architecture And Organization	K.G.V.NAGESWARA RAO	84
2	Linear I C Applications	K.P.R.RATNA RAJU	88
3	Digital I C Applications	K.SAI SUDHEER	83
4	Digital Communications	G.S.V.N.V.BABU	73
5	Antenna And Wave Propagation	A.CHANDRA SURESH	91
6	Professional Ethics & Human Values	K.BHAVANI	85
Department Feedback on Teaching(Average)			84

Academic Year: 2017-2018 Semester: I
Program/Department: B.Tech Mech, Feedback taken from: III Year

S.No.	Subject Name	Name of the Faculty	Feedback %
1	Dynamics Of Machinery	CH.ANUSHA	79
2	Metal Cutting & Machine Tools	K.RAVI	80
3	Design Of Machine Membersâ€“II	V.SAI MOUNICA	80
4	Operations Research	P.AJAY KUMAR	71
5	Thermal Engineering -II	A RAJESH	69
	IPR & Patents	K.BHAVANI	79
Department Feedback on Teaching(Average)			76.33

For the Academic Year 2017-2018, appreciation was given to faculty members on the basics of feedback from students, Academic results, overall contribution to the department and Institution, From the Head of the department and Principal

Sl. No.	Faculty Name	Designation	Overall Rating	Academic Year/Sem
1.	Sri M.Srinivasa Rao	Associate Professor	85	2017-2018 III/II

Number of corrective actions taken:
After taking feedback on teaching and learning few faculty members were questioned and suggested to improve their performance based on the feedback obtained from the students and other aspects. The suggestion led to improvements in their performance and quality of teaching by sending the concerned faculty members to Faculty Development Programs and Suggesting them to watch NPTEL videos available in central library.

Sl. No.	Faculty Name	Designation	Overall Rating	Academic Year/Sem
1	K.Sowmya Sri	Assistant Professor	64%	2017-2018 II/I
2	P.L.N.SAROJA	Assistant Professor	67%	2017-2018 II/I

9.3. Feedback on facilities (5)

Assessment is based on student feedback collection, analysis and corrective action taken.

Introduction:

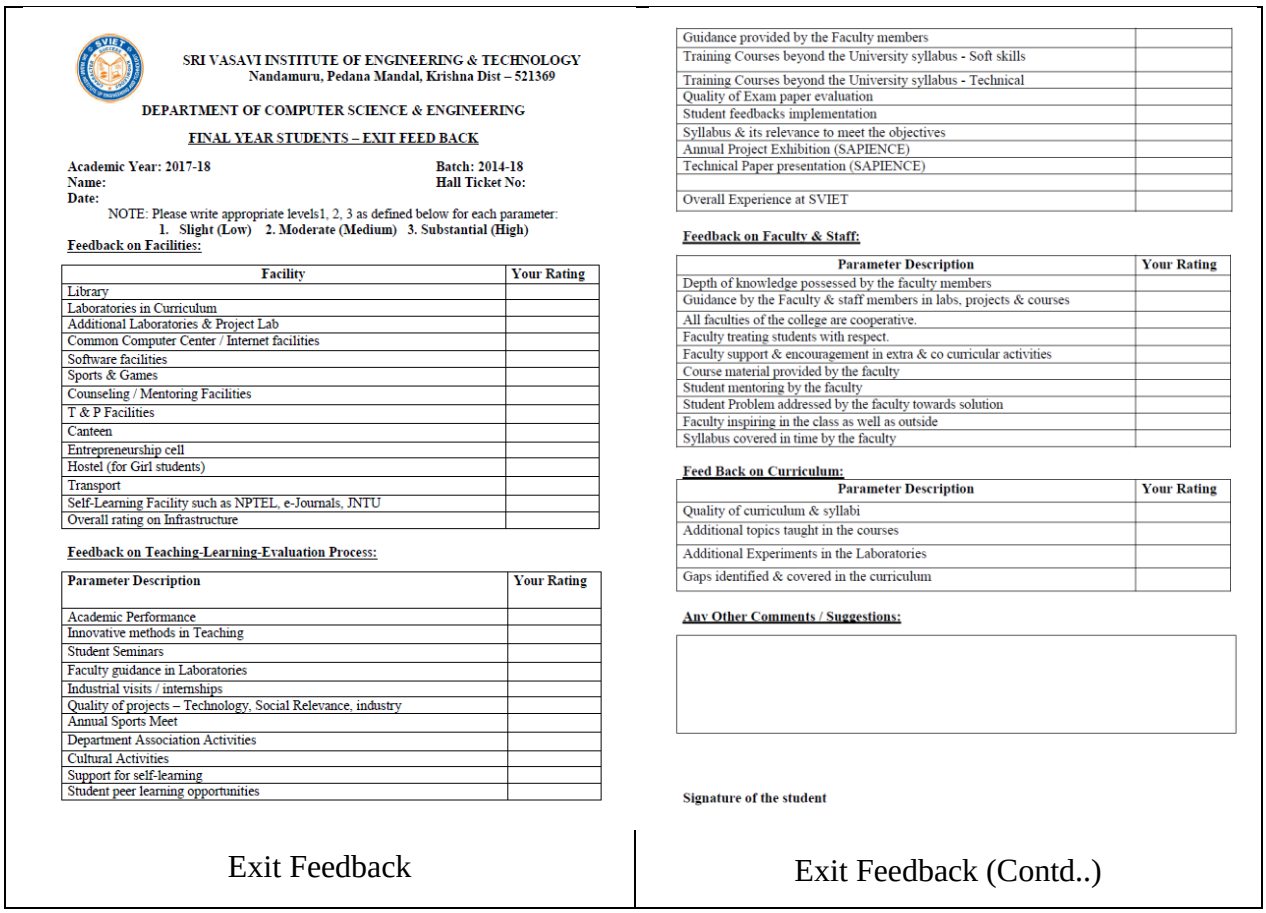
Management provides excellent infrastructural and general facilities to the students. Still Feedback is taken on facilities from the student to serve them better. It is analysed at the department level and further improvement is done in the area where the feedback is low. Generally feedback is taken from the Final Year students of the department since they have much exposure to all the facilities of the college. Suggestions given by them can be considered and implemented. Institution regularly takes feedback on the following facilities.

1. Department facilities
2. Lab facilities
3. Library facilities
4. Engineering computing center
5. Training & Placement Cell
6. General facilities

Feedback Collection

1. The students are given questions concerning all the above said facilities. The questionnaire is designed to enable them to give their opinion as Excellent, Very Good, or Satisfactory.
2. Feedback on facilities is collected generally one time in a year from final year students, faculty and external stake holders of the institution

Sample External Stakeholders Feedback form



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Nandamuru, Pedana Mandal, Krishna Dist – 521369

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FINAL YEAR STUDENTS – EXIT FEED BACK

Academic Year: 2017-18 **Batch: 2014-18**
Name: **Hall Ticket No:**
Date:

NOTE: Please write appropriate levels1, 2, 3 as defined below for each parameter:
1. Slight (Low) 2. Moderate (Medium) 3. Substantial (High)

Feedback on Facilities:

Facility	Your Rating
Library	
Laboratories in Curriculum	
Additional Laboratories & Project Lab	
Common Computer Center / Internet facilities	
Software facilities	
Sports & Games	
Counseling / Mentoring Facilities	
T & P Facilities	
Canteen	
Entrepreneurship cell	
Hostel (for Girl students)	
Transport	
Self-Learning Facility such as NPTEL, e-Journals, JNTU	
Overall rating on Infrastructure	

Feedback on Teaching-Learning-Evaluation Process:

Parameter Description	Your Rating
Academic Performance	
Innovative methods in Teaching	
Student Seminars	
Faculty guidance in Laboratories	
Industrial visits / internships	
Quality of projects – Technology, Social Relevance, industry	
Annual Sports Meet	
Department Association Activities	
Cultural Activities	
Support for self-learning	
Student peer learning opportunities	

Exit Feedback

Guidance provided by the Faculty members	
Training Courses beyond the University syllabus - Soft skills	
Training Courses beyond the University syllabus - Technical	
Quality of Exam paper evaluation	
Student feedbacks implementation	
Syllabus & its relevance to meet the objectives	
Annual Project Exhibition (SAPIENCE)	
Technical Paper presentation (SAPIENCE)	
Overall Experience at SVIET	

Feedback on Faculty & Staff:

Parameter Description	Your Rating
Depth of knowledge possessed by the faculty members	
Guidance by the Faculty & staff members in labs, projects & courses	
All faculties of the college are cooperative.	
Faculty treating students with respect.	
Faculty support & encouragement in extra & co curricular activities	
Course material provided by the faculty	
Student mentoring by the faculty	
Student Problem addressed by the faculty towards solution	
Faculty inspiring in the class as well as outside	
Syllabus covered in time by the faculty	

Feed Back on Curriculum:

Parameter Description	Your Rating
Quality of curriculum & syllabi	
Additional topics taught in the courses	
Additional Experiments in the Laboratories	
Gaps identified & covered in the curriculum	

Any Other Comments / Suggestions:

Signature of the student

Exit Feedback (Contd..)

Assessment is based on student feedback collection, analysis and corrective action taken

Corrective action taken

1. Department library is arranged with a provision of seating arrangement is done.
2. Space is allotted for students in library with proper seating and ventilation.
3. Journal access is provided to students in main library.
4. Fire safety Equipment is provided for emergency purpose.
5. Greenery is increased by a way of plantation.
6. Wheel chair facility is provided.

9.4. Self-learning (5)

To encourage self-learning for the students the following facilities are made available to students

Introduction

The college believes that self-learning and learning beyond syllabus have a great scope in the development of the career of an engineer. Everything in engineering cannot be taught in the class room or laboratories. The explosion in knowledge related to applied science and engineering during the last century has been so much that four years is too short period even to cover one branch of engineering. This fact calls for the relevance for self-learning for young engineers. What an institution should do is to provide adequate facilities for self-learning to the students so that they get motivated to learn more and more and ultimately become life-long learners and innovators. Library, Internet and Sports hours are included in time tables to improve learning ability by using facilities available.

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (Code: MQ)
Approved By AICTE, NEW DELHI ., Affiliated to JNTUK, Kakinada
An ISO 9001:2015 Certified Institute Nandamuru, Pedana Mandal, Krishna Dt.- 521 369
Tel : 08672 241387

TIME TABLE

Course : B.Tech
Branch : ComputerScience & Engineering
Semester : 2/4 Semester-II
Section : 1
w.e.f : 19/11/2018
Room.No : B1-308

Day of week	Period 1 09:15 AM 10:05 AM	Period 2 10:05 AM 10:55 AM	10:55 AM 11:10 AM	Period 3 11:10 AM 12:00 PM	Period 4 12:00 PM 12:50 PM	12:50 PM 01:25 PM	Period 5 01:25 PM 02:10 PM	Period 6 02:10 PM 02:55 PM	02:55 PM 03:05 PM	Period 7 03:05 PM 03:50 PM	Period 8 03:50 PM 04:35 PM
Mon	PPL	ADS	B	CO	JAVA	L	FLAT(E)	INT	B	DP/CO-C-1	DP/CO-C-1
Tue	JAVA	FLAT	R	ADS	SE	U	PPL(E)	CO	R	ADS(T)	JAVA(T)
Wed	SE	CO	E	FLAT	ADS	N	SEM	Java Lab\ADS Lab	E	Java Lab\ADS Lab	Java Lab\ADS Lab
Thu	FLAT	PPL	A	SE	PPL	C	JAVA	SE(E)	A	FLAT(T)	PPL(T)
Fri	ADS	FLAT	K	JAVA	PPL	H	SE(T)	CO(T)	K	ADS(E)	SPORT/CON
Sat	CO	ADS Lab\Java Lab		ADS Lab\Java Lab	ADS Lab\Java Lab		SE	JAVA(E)		LIB	CO(E)

Allocation of Subjects

Subject Code	Subject	Name of Faculty	Faculty Initials
SE	Software Engineering	S ANIL KUMAR	
JAVA	Java Programming	P. SIVA NAGA RAJU	
ADS	Advanced Data Structures	K.RAMA RAO	
CO	Computer Organization	M.NAGAVAMSI	
FLAT	Formal Languages And Automata Theory	M ANANDA KUMAR	
PPL	Principles Of Programming Languages	DR.B.RAJA SRINIVASA REDDY	

ADS Lab	Advanced Data Structures Lab	K.RAMA RAO,M ANANDA KUMAR	
Java Lab	Java Programming Lab	P. SIVA NAGA RAJU	
SEM	SEMINAR	M ANANDA KUMAR	
CO/JAVA(T)	CO/JAVA(T)	P. SIVA NAGA RAJU	
JAVA/CO(T)	JAVA/CO(T)	P. SIVA NAGA RAJU	
FLAT/PPL-T	FLAT/PPL(T)	M ANANDA KUMAR,DR.B.RAJA SRINIVASA REDDY	
ADS/SE(T)	ADS/SE(T)	K.RAMA RAO,S ANIL KUMAR	
SE/ADS(T)	SE/ADS(T)	K.RAMA RAO,S ANIL KUMAR	
PPL/FLAT-T	PPL/FLAT(T)	M ANANDA KUMAR,DR.B.RAJA SRINIVASA REDDY	
LIB	Library	P.V.L.NARASIMHA RAO	
INT	Internet	MD.AHMED	
DP/CO-C-1	DP/CO-C-1	DR.B.RAJA SRINIVASA REDDY	
SPORT/CON	SPORTS/COUNSELLING	M ANANDA KUMAR	
SE(E)	SE(E)	S ANIL KUMAR	
PPL(E)	PPL(E)	DR.B.RAJA SRINIVASA REDDY	
ADS(E)	ADS(E)	K.RAMA RAO	
FLAT(E)	FLAT(E)	M ANANDA KUMAR	
JAVA(E)	JAVA(E)	P. SIVA NAGA RAJU	
CO(E)	CO(E)	M.NAGAVAMSI	

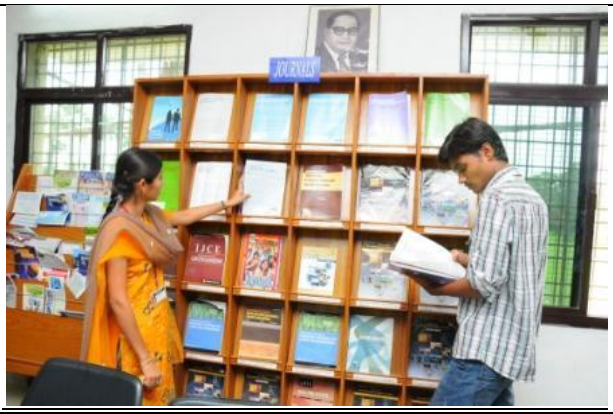
Motivation for self-learning should be provided in the classrooms. A teacher has a great role to play in this. Discussing subject beyond the syllabus, providing exposure to exciting developments in science and technology around the globe, attempting solutions to problems in

daily life etc. are the ways to motivate students for self-learning. They should also be motivated to do things themselves so that they gain confidence to try anything with their own hands.

Facilities provided for the continuity of self-learning:

1. Central library:

Central Library supports the teaching and research programs of the institute and provides facilities for general reading and disseminates information according to the requirement of the user. The services and operations in the central library are fully computerized. The library is always open from 08:00 A.M to 06:00 P.M for use. The collection comprises textbooks, general reference material and small selections of serials and CD ROMs. For continual improvement Students are allocated with a library hour in the curriculum.

	
Central Library	**Books**
	
Digital Library	Books Issue
	
Reading Hall	Journals & Periodicals

BRANCH-WISE DISTRIBUTION OF BOOKS AND JOURNALS

S. No	Branch	Titles	Volumes	Interactional Journals	National Journals	Magazines	E-Journals	E-Books
1	CIVIL	332	2932	3	2	2	112	46
2	EEE	320	2288	6	1	1	43	
3	MECH	357	2962	6	3	0	74	78
4	ECE	447	3581	3	2	1	43	152
5	CSE	659	4906	3	2	2	170	1313
6	BS&H	530	4492	1	5	6	465	
TOTAL		**2645**	**21161**	**22**	**15**	**12**	**907**	**1589**

2. Digital Library:

1. Digital Library is also provided for the continuous updating of recent techniques. Internet facility is available for Staff & Students. 1589 e-books, 907 e-journals.

Students Accessing Digital Library

Students Accessing Digital Library

3. NPTEL (National Program Technical Enhanced Learning)

NPTEL Classes are also regularly conducted to the students in order to upgrade their technical knowledge on various courses. The main objectives of NPTEL (national programme on technology enhanced learning) is to enhance the quality of engineering & science education in the country by developing contents for undergraduate and post graduate curricula using web based background.

These courses cover the syllabi prescribed by universities and approved by AICTE. Course contents will be useful for teachers training and through them the quality of students. These can be used by professionals for updating their academic background.

NPTEL Online Certification Course:

NPTEL started offering certification on courses offered in the open online mode with an objective of enabling students to obtain certificates from courses is to, make students employable in the industry or to purchase a suitable higher education programme.

The Features Are

1. The Course Enrolment and Learning Is Free While the Exam Comes For normal Fee.
2. The Courses are offered by the faculty of IIT'S, CMI and IMSC etc. which are of duration 10, 20 or 40 hrs.
3. Lessons and assignments are released every week. Also there is a discussion forum in which student gets a certificate.

Benefits for a student who participates in an NPTEL online certification course:

1. Students gain tangible end results.
2. Students can review and assess their own progress through Assignments (weekly).
3. Continuous assessment and interaction with course faculty.
4. Discussion forum of like minds to discuss problem areas.
5. Students get access to mentors certificate from the IITs, to improve job prospects

NPTEL Local Chapter:

It is partnership between the college and NPTEL. To take this initiative forward and to encourage more students across colleges to participate in this initiative, NPTEL are setting up NPTEL chapter in colleges (with the approval of the management) which will be under the headship of a faculty member of the college, who would be single point of contact (SPOC).

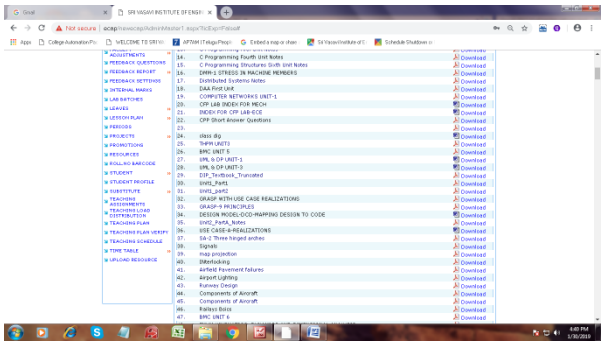
NPTEL will keep the SPOC updated about all the latest NPTEL initiatives and give him/her information which he/she can disseminate among the students. He/ she can identify suitable mentors for various courses, who can ensure that students are active in a course, are submitting their assignments on time and also clarify the doubts they may have.

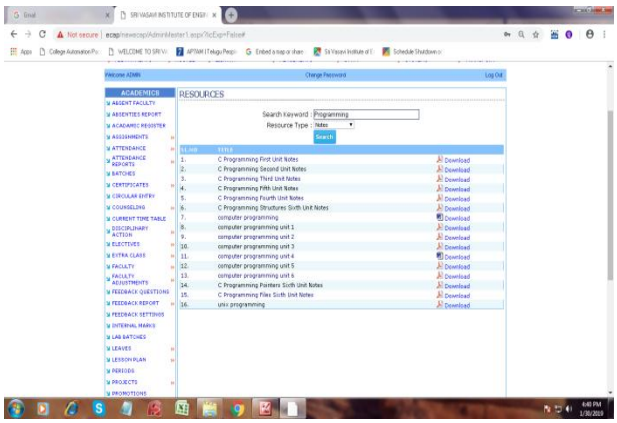
S.No.	Students enrolled	Students appeared for examination	Top 5%	Gold	Elite	Overall Success percentage
1.	873	105	2	3	54	97.14

4. ECAP Explanation

Engineering College Automation Package software, this aims at immediate availability of Student academic subject related information and availability of data in required formats that Ease the work of staff and management. Here Student can view and download the resources (EBooks, Question banks) uploaded by the faculty**.**

E Books Information & Question Banks Information:





9.5 Career Guidance, Training and Placement (10)

The standard of any educational institution is generally measured by its academic excellence and the success in placements. To be able to get placed in various companies, students are required to have a good grip and proficiency in Aptitude, Reasoning, Verbal and Communication Skills.

It is to meet this vital requirement and the competitive standard and achieve this target, the Training placement & Career Guidance Cell was established with team of potential and professional trainers in the areas of Aptitude, Reasoning, verbal and Soft Skills.

The prime objective of the Training and Placement Career Guidance Cell is to create premier opportunities for the SVIET students by promising jobs in reputed organizations. To accomplish this objective, the Placement Cell identifies corporate companies in various sectors and initiates the process of building a mutually rewarding relationship with them. The Placement Cell has been instrumental in associating itself with corporate giants to conduct various Industry Institute initiatives. Various technical and literary events are conducted to practically enhance their communicative abilities and to equip them also with a holistic potential which will help them to face emerging challenges in the context of globalization. Over the time it has proved itself most successful with outstanding success in the ascendance of success in placements.

1. FUNCTIONS OF THE TRAINING CELL:

1. Collects and maintains the students' database for the purpose of T&P activities
2. Enables the training need analysis for all the students basing on the same, plans for imparting the necessary skills such as soft skills and technical skills.
3. Arranges for an interaction with industry and bridges the gap between Institute and industry.
4. Arranges the special sessions for providing the contemporary trends and developments in the technology and tools to the students
5. The Training Cell conducts lectures on personality development, communication skills and conducts mock sessions for improving presentation skills.
6. Assists companies in the recruitment process by conducting interviews, group
7. Discussions, Written tests etc. in the Campus. Training given exclusively to the students for the MNC's

PLACEMENT CELL:

8. Collects and maintains the students' database for the purpose of Placement activities
9. Holds the responsibility for identifying placement opportunities across reputed Organizations.
10. Inviting the corporate companies to the College Campus for recruitments
11. Coordinates with Training Head for identifying the training requirements related to Soft and communication skills
12. Conducts Campus Drives with help of department coordinators and volunteers

CAREER GUIDANCE CELL:

13. To give training and guidance to students on career related matters and assist them in exploring new opportunities.
14. To organize Career guidance and motivational lectures by Alumni, entrepreneurs, External guests and faculty
15. To display various job advertisements coming in employment news, opportunities and Career columns in leading news papers.

Functions	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
F1	-	-	3	-	-	-	1		2	3		2
F2	-	3	-	-	-	-	1		2	3		1
F3	-	3	-	-	-	-	1		2	2		2
F4	-	3	-	2	3	-	1		2	2		2
F5	-	-	-	2	-	-	1		2	3		2
F6	-	-	-	-	-	-	1		3	2		2
F7	-	-	-	2	-	-	1		2	3		2
F8	-	-	3	-	-	-	1		2	3		2
F9	-	-	-	3	-	-	1		2	3		2
F10	-	-	-	2	-	-	1		2	3		2
F11	-	-	-	3	-	-	1		2	3		2
F12	-	-	-	-	-	3	1		2	1		2
F13	-	-	-	-	-	-	1	2	2	3		3
F14	-	-	-	-	-	-	1	2	2	3		3
F15	-	-	-	-	-	-	1	2	2	2		2

2. FACILITIES OF THE CELL

1. Seminar Hall (B1-114) with seating capacity of 200 to conduct Pre-placement Talk
2. Two notice boards are available on the both sides of the room for displaying circulars, updating press clippings & year Planners etc.,
3. One room (B1-007) for training the Group Discussion Activities.
4. 2 LCD projectors for conducting digital classes
5. Motivational posters and images of famous quotes to encourage the students.
6. Integrated Labs with around 100 computers having robust Internet connection for online tests
7. Vast space for offline tests
8. Separate rooms (B1-007) for conduction of Group Discussion and Personal Interview
9. Enthusiastic team of volunteers for assistance

3. MANAGEMENT OF THE CELL

A. COMMITTEE COMPOSITION

The composition of the committee comprises

1.One Training Head
2.Four Faculty members of T&P Cell
3 One faculty member and two students from Department of Mechanical Engineering.
4.One faculty member and two students from Department of Electronics and Communications Engineering.
5.One faculty member and two students from Department of Civil Engineering.
6.One faculty member and two students from Department of Computer Science Engineering.
7.One faculty member and two students from Department of Electrical and Electronics Engineering

B. COMMITTEE MEMBERS

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION
1	D Adithya Kumar	Associate Professor, EEE	Coordinator
2	K.Sreekanth	Asst. Professor, S&H	Member
3	J S PhaniRam	Asst. Professor, CSE	Member
4	G Srikanth	Asst. Professor, S&H	Member
5	R Jithin Kumar	Asst. Professor,EEE	Member
6	K Soma Sekhar	Asst. Professor, CE	Member
7	A Srinivasa Rao	Asst. Professor, EEE	Member
8	N Chandra Sekhar Reddy	Asst. Professor, ECE	Member
9	K Venkatesh	Asst. Professor, CSE	Member
10	K Ravi	Asst. Professor, ME	Member
11	Majeti Sruthi Madhuri	15MQ1A0102	Student Member
12	Gudavalli Vamsi Krishna	16MQ5A0110	Student Member
14	Putta Hema Devika	15MQ1A0210	Student Member
15	Vikruthi Naga Venkata Indra Prasad	16MQ5A0216	Student Member
16	Katta Naga Raju	16MQ5A0305	Student Member
17	Yarlagadda Ajay Babu	15MQ1A0352	Student Member
18	Chilamkurthy Lakshmi Thanuja	15MQ1A0449	Student ember
19	Ambati Pavan Kumar	15MQ1A0482	Student Member
20	Jalluri Naga Venkata Haneesha	15MQ1A0576	Student Member
21	Jupudi Manikanta Swamy	16MQ5A0501	Student Member

4. ROLES & RESPONSIBILITIES OF COMMITTEE MEMBERS

A. COORDINATOR

1. To coordinate Training activities in accordance with the student's ability and their demands.
2. To coordinate internal resources available in the form of teaching expertise of teachers for enhancing the knowledge and skills of the students in implementation of the scheme.
3. To coordinate various external resources available in the forms of personality development programs & Student Interactive Sessions.
4. To coordinate with company delegates and inviting them to College for recruiting students.
5. To Schedule the Recruitment-drive based on HR Availability
6. To disclose the list of students eligible for the campus drive
7. To Coordinate during campus drive
8. To collect results from company and issuing the offer letters to the selected candidates
9. To coordinate internal resources available for the smooth conduction of the Recruitment Drive
10. To collect the feedback with Stake Holders and forward it to training department
11. To coordinate Career Guidance activities in accordance with the student's ability and their demands.

B. FACULTY MEMBER

1. To prepare orientation programme for the students, identifying their skills required for achieving the objectives of the scheme.
2. To promote community education through meetings, talks, news bulletins and discussions.
3. To help in formulating Training programmes this will have direct relationship with the academic curriculum.
4. To inform the students about campus drive schedules.
5. To organize the campus drive with help of volunteers
6. To assist companies in the recruitment process in interviews, group Discussions, Written tests on the Campus.

C. STUDENT MEMBER

1. Understand the community in which they work
2. Understand themselves in relation to their community
3. Identify the needs and problems of the community and involve them in problem-solving
4. Utilize their knowledge in finding practical solutions to individual and community problems
5. To inform the students about campus drive schedules
6. To inform the students about mandatory credentials as per the placement cell instruction
7. To check the process of student registrations for the drive and other miscellaneous formalities

EVENTS /ACTIVITIES ORGANIZED TRAINING (A.Y :: 2017-18)

S. No	Date	Name of the Events	No of Participants	Remark
1	26-02-2018 to 06-03-2018	Training Conducted for INFOSYS drive	29	Training program conducted for IV - CIVIL, MECH EEE, ECE & CSE students
2	22-02-2018 to 28-02-2018	Training Conducted for RISING STAR MOBILES Drive	48	Training program conducted for IV – EEE & ECE students
3	04-12-2017 to 09-12-2017	Training Conducted for BIZTIME Drive	50	Training program conducted for IV-CSE students
4	12-12-2017 to 02-01-2018	Training Conducted for EDUREKHA Drive	19	Training program conducted for IV-CSE students
5	11-10-2017 to 14-10-2017	Training Conducted for APPS ASSOCIATES off campus drive	7	Training program conducted for IV-CSE students
6	11-09-2017 to 16-09-2017	Training Conducted for WEBNOO drive	10	Training program conducted for IV – ECE & CSE students
7	04-09-2017 to 05-09-2017	Training Conducted for MAPLE drive	17	Training program conducted for IV- CIVIL students
8	27-08-2017 to 31-08-2017	Training Conducted for ELEATION drive	39	Training program conducted for IV- CIVIL & MECH students
9	25-09-2017	CO CUBES PRE-ASSES ONLINE Assessment test-1	156	Test conducted for IV - EEE, MECH, ECE & CSE registered students
10	22-09-2017	AMCAT -ASSES ONLINE Assessment test-2	134	Test conducted for IV – EEE, ECE & CSE registered students
11	06-02-2018	CO CUBES PRE-ASSES ONLINE Assessment test-2	147	Test conducted for IV - EEE, MECH, ECE & CSE registered students
12	02-02-2018	AMCAT -ASSES ONLINE Assessment test-3	69	Test conducted for IV – EEE, ECE & CSE registered students
13	29.07.2017	TCS CodeVita-2018 Contest Round 1	94	Online Coding Challenge Conducted for CSE registered Students

EVENTS /ACTIVITIES ORGANIZED CAREER GUIDANCE (A.Y :: 2017-18)

1	30-06-2017	Interactive session with Mr. Chaitanya Vaddi, CEO& Founder, CVCORP, Hyderabad	95	Interactive Session Conducted for IV- EEE, ECE & CSE Students
2	11-12-2017	Interactive Session with Mr. Abdul Director BIZTIME, Bangalore	78	Interactive Session Conducted for III - ECE & CSE Students
3	05-02-2018	Interactive Session with Mr Prasad, Director EE SCIENCE	21	Interactive Session Conducted for III - EEE & ECE Students.

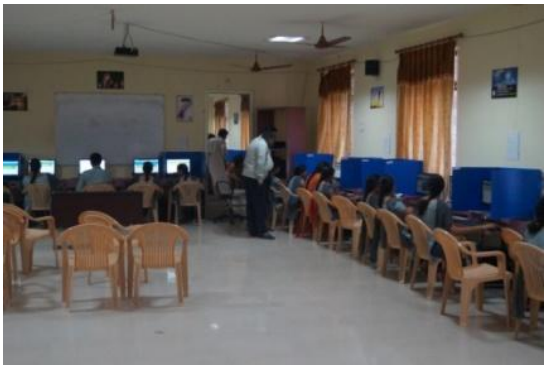
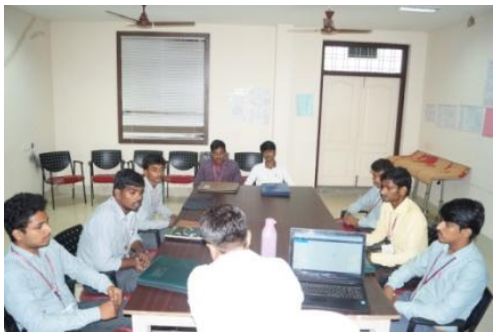
		& TECHNOLOGICAL SERVICES ,Hyderabad		
4	08-09-2017	Interactive session by Mr. D Dayanidhi, Technical lead, JUSPAY, Bangalore	34	Interactive Session Conducted for III CSE Students

S. No	Date	Name of the event	No of Participants	Remark
TRAINING Academic Year :2016-17				
1	27/04/2016 to 23/05/2016	Campus Recruitment Training Programme 2017 (Summer Special Class - Aptitude, Reasoning, verbal & softskills)	100	ALL BRANCHES
2	24/05/2016 to 18/06/2016	Campus Recruitment Training Programme 2017 (Summer Special Class - Technical Skills C, Cpp)	64	ALL BRANCHES
3	23/07/16 to 30/07/2016	TCS CODE VITA first Round Training by APSSDC (Including Codevita First Round Exam)	64	EEE,ECE & CSE
4	18/08/16 to 20/08/16	TCS CODE VITA Second Round Training by APSSDC (Including Codevita Second Round Exam)	8	Codevita First Round Selected Student
5	23-11-16 to 24-11-2016	Special Training Classes for Mobius Company	73	Training Conducted for Eligible students of EEE,ECE & CSE
CAREER GUIDANCE Academic Year :2016-17				
1	16/07/2016	Motivational Seminar By Squdrenleader Jayasimha	283	III & IV Years All Branches
2	22/10/2016	Interactive session by Mr.K N Anand Group Director -Hr Mobius Knowledge Service	95	All Branches
3	28-01-2017	Interactive Session with SAP team , Mr Venkata Subba Rao Tech Mahindra For 2018 batch students	116	EEE,ECE & CSE
4	11/3/2017	Interactive session with IBM International Team For 2018 batch students	135	EEE,ECE & CSE
5	12/3/2016	Interactive session with III Forum's Andhra Chapter Third Event For 2018 batch students	121	III & IV Years All Branches

S. No	Date	Name of the event	No of participants	Remark
TRAINING - AY 2015-16				
1	30-09-2015 to 04-10-2015	Verbal Training Program by seventh sesnse Banglore	118	Training Conducted for Interested EE,EC,ME,EC & CSE students
2	14-08-2015 to 21-08-2015	Odessy Technologies Special Training Classes	150	Training Conducted for Eligible EE,EC,ME,EC & CSE students
3	09-12-2015 to 16-12-2015	Aptitude Reasoning & Technical Training Classes by Seventh Sense Banglore	112	Training Conducted for Interested EE,EC,ME,EC & CSE students
4	30-10-15 to 11-02-15	Amcat Special Training Classes	92	Training conducted for registred EEE,ECE & CSE students
5	16-12-2015 to 18-12-2015	Apps Associates Special Training Classes	22	Training Concudted for Eligible CSE students
6	21-12-2015	Full Creative Company Special Training Class	48	Training Conducted for Eligible ECE & CSE Students
7	2-01-2016 tO 07-01-2016	Infosys Special Training Classes by Seventh Sense Banglore	47	Trainig Conducted for eligible EE,EC & CSE Students
8	19-01-2016 to 20-01-2016	Infoview Company Special Training Classes	35	Trainig Conducted for eligible EE,EC & CSE Students
9	09-02-2016 to 12-02-2016	Capgemini Special Training Classes	6	Trainig Conducted for eligible EE,EC & CSE Students
10	09-02-2016 to 26-02-2016	TCS Special Training Classes	92	Trainig Conducted for eligible EE,EC & CSE Students
11	18-02-2016 to 29-02-2016	Infoview Company Round 2 Special Training Classes	12	Trainig Conducted for eligible EC & CSE Students

CAREER GUIDANCE AY 2015-16				
1	20-07-2015	Intaractive Session Mr Eswar,AVISO, GM	99	Ineractrive Session Condcuted for Interested Students of EEE,ECE & CSE
2	31-10-2015	Interctive Session with Mohan Das Genral Manager	128	Ineractrive Session Condcuted for Interested Students of CIVIL & MECH
3	18-12-2015	Interctive Session with Mr Dinesh Project Manager COUNTUS Company	80	Ineractrive Session Condcuted for Interested Students of EEE,ECE & CSE
4	23-12-2015	Interactive Session with K KALYAN RAM SENIOR PROGRAM MANAGER MICROSOFT	127	Ineractrive Session Condcuted for Interested Students of III & IV Years EEE,MECH,ECE & CSE
5	29-12-2015 to 30-1-2015	2days Soft Skills workshop by John Kenedy Babu for JKC Registred Students	138	Work Shop Condcuted for Interested Students of EE,EC,MECH & CSE

7. YEARLY PHOTO GALLERY – TRAINING

<table>
<tr><td>  </td><td>  </td></tr>
<tr><td>Training Conducted for APPS ASSOCIATES off campus drive</td><td>Training Conducted for INFOSYS drive</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Conducted Training Program TCS Eligible Students</td><td>Training Conducted for Maple drive</td></tr>
</table>

YEARLY PHOTO GALLERY – CAREER GUIDANCE

Interactive Session with Mr. Abdul Director BIZTIME, Bangalore on 11-12-2017

Interactive session by Mr.K N Anand Group Director -Hr Mobius Knowledge Service on 22/10/2016

Interactive session with IBM International Team For 2018 batch students on 11/3/2017

9.6. Entrepreneurship Cell (5)

Introduction

Entrepreneurship Development Cell (EDC) is established and various events will be organized to know the importance of being an entrepreneur and ways to get financial assistance to become an entrepreneur and to motivate students to start their own venture instead of queuing up in the job market.

Functions of the cell:

1. To organize Entrepreneurship awareness camps, Entrepreneurship development programs.
2. To guide & assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support systems and information on various technologies.

3. To organize guest lectures, webinars, seminars etc. for promotion and growth of Entrepreneurship.
4. To arrange visits to industries for prospective entrepreneurs.
5. To extend necessary guidance and escort services to the trainees in obtaining approval and execution of their projects.
6. To render advice to stick enterprises and assist the entrepreneurs in rehabilitating them.

Facilities of the cell:

1. One Discussion room (B1-009B).
2. Two internet connected PCs.
3. MOU (Memorandum of Understanding) with Incubators.
4. We provide maximum infrastructural facilities to the students, including various laboratories, hardware and software.
5. Special focus will be on early stage ideas and innovations which can be definitely converted to the products.
6. To arrange interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.

Management of the cell:

Cell comprises of one senior faculty as institution level coordinator, faculty as committee members along with student coordinators from each department.

S.No	Name of the Member	Department	Role
1	K.P.R.R.Raju	ECE	Co-Ordinator
2	M.Neeraj Kumar	Civil	Member
3	K.V.N.Bhaskar	EEE	Member
4	N.Venu	ECE	Member
5	K.Ravi	Mech	Member
6	V Jayasri	ECE	Student Member
7	Ch.Swarna Latha	CSE	Student Member
8	Ch.Balarama Krishna	Mech	Student Member

YEAR PLANNER – MAPPING WITH PO – ENTREPRENEUR DEVELOPMENT CELL (A.Y :: 2017-18)

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	Remarks
1.	Guest Lecture	26-10-2017	Guest Lecturer on Entrepreneurship Development
2	Industrial Visit	14-03-2018	Industrial Visit on Entrepreneurship Development

Year Planner	PO1	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
1	-	-	-	-	-	2	2	2	2	2	3	2

2	-	-	-	-	-	2	2	3	2	2	2	2

S. No	Date	Name of the Events	No of Participants	Remark
1.	20-10-2017	Guest Lecture	150	Final year ECE, CSE and Mechanical students attended a Guest Lecturer on "Entrepreneurship Development"
2	10-02-2018	Industrial Visit	90	Industrial Visit to "EFFTRONICS" Vijayawada as part of Entrepreneurship Development.

	
Guest Lecturer on "Entrepreneurship Development"	Industrial Visit to "EFFTRONICS" Vijayawada

9.7. Co-Curricular And Extra –Curricular Activities (10)

Co-Curricular Activities:

The Department Association Cell has been conducting the various activities for all years of students to motivate them to excel in the communication and presentation skills. DAC motivates the students to actively participate in various events like Quiz Paper presentation, Poster presentation competitions inside the college. DAC schedule events in consultation with the Student's representatives.

Facilities of the Committee:

1. The Institution is provided with an air-conditioned Seminar Hall with a fully sound proof set up and equipped with latest technology for all types of audio/video presentations.
2. Class rooms

Management of the Committee:

The committee composition is as follows

S.No	Name of the Member	Department	Role
1	A.Chandra Suresh	E.C.E	Co-Ordinator
2	P.Soma sekahar	CIVIL	Member
3	P.Srikanth	EEE	Member
4	K.Ravi	MECH	Member
5	P.Annapurna	E.C.E	Member
6	M.Srinivasa Rao	C.S.E	Member
7	M.Sruthi Madhuri	CIVIL	Student Member
8	G.Vamsi Krishna	CIVIL	Student Member
9	D. Jagadeeswari	EEE	Student Member
10	S. Naga bhanu	EEE	Student Member
11	Nnd Ayyapappa	MECH	Student Member
12	Sai Mohan	MECH	Student Member
13	K.Srininivas Rao	ECE	Student Member
14	D.Naga Swetha	ECE	Student Member
15	B.Kalpana	CSE	Student Member
16	P.Srikanth	CSE	Student Member

Year Planner with relevance to PO's

S.no	Name of the event	DATE	Relevance to PO's
1	Fresher's day	July 2017	PO6,PO9,PO10
2	Essay writing	August 2017	PO2,PO8,PO9,PO10
3	ENGINEER'S DAY	15th September 2017	PO6,PO9,PO10
4	Elocution	October 2017	PO6,PO9,PO10
5	QUIZ	December 2017	PO6,PO8
6	Youth day	12th January 2018	PO6,PO9,PO10
7	Video making	February 2018	PO2,PO8,PO9,PO10
8	Farewell Party	March 2018	PO6,PO9,PO10

CSE

Sr.No.	NAME OF THE EVENT	DATE	No of participants
1.	Project Expo	15-03-2018	30
2	Women's day	08-03-2018	80
3	Hack with Hint	06-03-2018	25
4	Technical Jam	01-03-2018	56
5	Paper presentation	27-02-2018	40
6	Tech Geeks	09-02-2018	20
7	Code hunt competition	28-12-2017	25
8	Innovation for Digitalization of India (poster)	08-12-2017	26
9	Quiz Master	23-09-2017	80

CIVIL

S.No	Name of the events	DATE	No of Participants
1.	QUIZ	22-12-2017	15
2.	ENGINEER'S DAY	15-09-2018	150
3.	FAREWELL DAY	07-03-2018	150
4	YOUTH DAY	12-01-2019	150

EEE

S.NO	NAME OF THE EVENT	DATE	No of Participants
1	Quiz	15-12-17	30
2	Poster presentation	19-1-18	20
3	Paper presentation	16-2-18	20
4	Video making	16-3-18	8

MECH

S.No	Date	Name of the Event	No of participants
1.	5-8-17	ELOCUTION	10
2.	5-1-18	DEBATE	12
3.	20-1-18	ESSAY WRITING	15
4.	4-2-18	QUIZ	20
5	28-8-17	SEMINAR	100
6	5-9-17	TEACHERS DAY	120
7	15-9-17	ENGINEERS DAY	120
8	15-3-18	FAREWELL DAY	100
9	12-1-18	YOUTH DAY	120
10	24-6-17	FRESHERS DAY	80

ECE

S.No	Date	Name of the Event	No of participants	Remarks
1.	**27-07-2017**	Freshers Day	200	Motivational speech given by Senior students
2.	**28-07-2017**	Elocution	20	What is your favourite career field, something that make all the difference
3.	**22-09-2017**	Debate	25	Indian Economy
4.	**27-10-2017**	Essay Writing	50	How are graduate system compare to other countries
5	**22-01-2018**	Quiz	23	Current affairs
6	**22-02-2018**	Seminar	19	Interested topics

7	**05-09-2017**	Teachers day	210	Speech given by Senior students
8	**15-09-2017**	Engineers day	280	Speech given by Senior students
9	**03-03-2018**	Farewell day	195	Suggesions given by Senior students
10	**12-01-2018**	Youth Day	290	Speech given by Senior students

Photo Gallery

EEE DEPARTMENT CONDUCTED PAPER PRESENTATION

CIVIL DEPARTMENT CONDUCTED PROJECT EXPO

EEE DEPARTMENT CONDUCTED POSTER PRESENTATION

CIVIL DEPARTMENT CONDUCTED POSTER PRESENTATION

CSE DEPARTMENT CONDUCTED PAPER PRESENTATION

CSE DEPARTMENT CONDUCTED QUIZ

ECE DEPARTMENT CONDUCTED YOUTH DAY

ECE DEPARTMENT CONDUCTED POSTER PRESENTATION

ECE DEPARTMENT CONDUCTED QUIZ PRESENTATION

ECE DEPARTMENT CONDUCTED FRESHERS DAY

Extra-Curriculum Activities

Arts and Cultural Activities

Every academic year college organizes a sports and cultural events for students. All the students are participated very actively. In this program spot events are also conducted in different branches to encourage the students. Prizes are given to the winners of various competitions that are conducted during the event.

Facilities of the Cell:

1. Seminar Hall (B1-114)
2. Dias & Podium
3. Over Head Projector, Audio and video system.
4. Speakers, cord less mikes, stand Mikes and collar mikes
5. Systems with Internet connection.
6. Printer & scanner.
7. Digital camera

Events/ Activities of the cell:

1. Essay Writing
2. Extempore (Telugu,English)
3. Singing(Solo)
4. Singing (Group)
5. Instrumental Music
6. Dance (Solo).
7. Dance (Group).
8. Pot Decoration
9. Debate
10. Mimicry
11. Mime
12. Skit

Art, Literary and Cultural Event:

A.Y 2017-18

Sr. No.	Name of the event organised	Date	No of students participated	Venue
1	ART & LIFE SKILLS	12-01-2018	50	College campus
2	DANCE COMPITITION	23-03-2018	25	College campus
3	SINGING COMPITITION	23-03-2018	10	College campus
4	POSTURES DISPLAYING	12-01-2018	20	College campus
5	SKITS ON STAGE	05-09-2017	30	College campus
6	MIMICRY	23-03-2018	10	College campus
7	MONO-ACTION	23-03-2018	05	College campus
8	RANGOLI COMPITITION	12-01-2018	50*2	College campus
9	ESSAY-WRITING COMPITITION	15-09-2017	50	College campus
10	ELOCUTION	15-09-2017	50	College campus
11	EXTEMPORE	15-09-2017	50	College campus
12	GROUP DISCUSSIONS.	15-09-2017	30	College campus

Technical fest

Sr. No.	Name of the event organised	Date	No of students participated	Venue
1	Poster presentation	12-01-2018	30	College campus

A.Y 2017-18

Sr.No.	Name of the event organised	Date	No of students participated	Venue
1	Skit competition	05/09/2017	30	College campus
2	Literary competition	15/09/2017	230	College campus
3	Art exhibition	12/01/2018	50	College campus
4	Poster presentation	12/01/2018	20	College campus
5	Women's Day	08/03/2018	160	College campus
6	Dance competition	23/03/2018	30	College campus
7	Singing competition	23/03/2018	30	College campus
8	Mimicry	23/03/2018	20	College campus
9	Mono action	23/03/2018	25	College campus

	
CONDUCTED DANCE COMPETITION ON ANNUAL DAY	CONDUCTED DANCE COMPETITION ON ANNUAL DAY
	
DANCE CONDUCTED ON ANNUAL DAY CELEBRATIONS	SKIT CONDUCTED ON ANNUAL DAY CELEBRATIONS
 ESSAY WRITING	 ESSAY WRITING

TELUGU AMMAYI

ESSAY WRITING

GOT 1ST PRIZE IN POSTER PRESENTATION

GROUP DISCUSSION

RANGOLI

Bhogi Mantalu

Sports & Games:

Physical fitness plays an important role in developing the overall personality of a student since a physically balanced student is mentally balanced too. SVIET equally emphasizes the need to develop physical activities and encourages Sports and games making it an integral part of the

curriculum various sports facility is provided to the students within the campus. Various sports competitions such as inter departmental, Inter collegiate, etc help in developing team spirit among students. Their interpersonal relationship is enhanced a very healthy manner.

Students are provided with Travel Concessions, Physical Director of college is deputed to accompany students participation in outside and also registration fee is sponsored if any. Students representing university in various sports / Games will be honoured with trophies and certificates.

Functions of the cell:

The Games & Sports Cell shall be responsible for all the sports and games related activities within and outside campus concerned with the college. The coordinator of the Games & Sports Cell shall organize, coordinate and execute all the sports and games related activities both within as well as outdoor of the college. The responsibilities and functions shall include (but not limited to) the followings.

i. To encourage the students to participate very actively in organising and conducting various sports and games in the college.
ii. To motivate the students to actively participate in various sports and games competitions outside the college.
iii. To develop the spirit of sportsmanship among students.
iv. To make the students aware about the benefits of physical exercise to maintain a good physical and mental health
v. To sort out any sports related issues.
vi. To schedule events/planner for the academic year in consultation with the Student's representative and management.
vii. To inculcate the value of keeping good health and mind by participating in lectures / seminars related to Sports & Games.
viii. To develop students with a variety of activity that will enhance lifelong learning and participation

Functions- PO mapping:PO/FO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12
F1						3	2	3	3	3	2	2
F2						3	2	3	3	3		2
F3						3	2	3	3	3		2
F4						3	2	3	3	3	1	3
F5						1	1	3	3	3		1
F6						1	1	3	3	3	3	2
F7						3	1	3	3	3	1	3
F8										2	1	3

The Games & Sports Cell Coordinator shall work in coordination with other Cell Coordinators and HODs. Further, he shall be responsible for suggesting budgetary provision for activities related to the Cell.

Committee Members

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION
1	Dr. A.B.Srinivasa Rao	Principal	Chairman
2	CH.Giri Phani Kumar	Asst. Professor, CE	Convener
3	K.V.G.Sree Ram	Asst. Professor, CE	Member
4	A.Srinivasa Rao	Asst. Professor, EEE	Member
5	A.Rajesh	Asst. Professor, ME	Member
6	B.Phanindra Kumar	Asst. Professor, ECE	Member
7	Md.Ahmed	Asst. Professor, CSE	Member
8	P.Seshu Babu	Assoc. Professor, S&H	Member
9	Chinnakesava	Physical Director	Member
10	V.V.Muralinadh	Physical Director	Member
11	T.Abinay CIVIL	14MQ1A0152	Student Member
12	A.Likitha	14MQ1AO101	Student Member
13	P.Sridhar ECE	14MQ1A0492	Student Member
14	K.Vedavathi	14MQ1A0471	Student Member
15	CH.Subramanayam EEE	14MQ1A0208	Student Member
16	S.rajeswari	14MQ1A0202	Student Member
17	M.Murali krishnaCSE	14MQ1A0587	Student Member
18	V.Jothirmai	14MQ1A529	Student Member
19	S.Venu MaheshMEC	14MQ1A0341	Student Member
20	T.Veera Badrachari	15MQ5A0314	Student Member

Facilities of the Cell:

1. Sports Room (B2-006):

Number	Dimensions
1	9.15m x 5.5m

2. Sports Material:

Outdoor Facilities:

Sl. No	Name of the Facility	Quantity	Dimensions
1	Basket ball	1	28mtsx15mts
2	Cricket net practice	1	100ft
3	Ball badminton	1	24mts x12mts
4	Volley ball	2	18mts x9mts
5	Throw ball (women)	1	60ftx40ft
6	Kabbadi	2	13mts x10mts
7	Tennikoit	2	12.20mts x5.50mts

Indoor Facilities:

Sl. No	Name of the Facility	Quantity
1	Chess	8
2	Carroms	6
3	Table –Tennis	1

3. Athletics:

Sl. No	Name of the Facility	Quantity
1	Discous throw	2
2	Shotput	2
3	High jump apparatus	1 Set
4	Running	100mt

Year planner

S.No	Tentative Date	Name of the events
1	June, 2017	Interest student and Identify the talent player from various department to SPORTS & GAMES
2	July,2017	Train the student to SPORTS & GAMES
3	August,2017	Seeking permission from Jntuk (slection trial prospal to conduct on the campus)
4	29 August,2017	National Sports Days
5	September2017 to Decmber2017	Train the student to SPORTS & GAMES and participate to JntuK Selection Trials
6	Jan 2018	Practice to JntuK C-Zone men tourament
7	February,2018	Participate to JntuK C-Zone men tourament
8	February,2018	Annual Day Sports & Games
	February,2018	Ball Badminton Tournament(Boys)
		Table Tennis Tournament(Boys)
		Kabaddi Tournament (Boys)
		Volley ball Tournament (Boys)
		Basket ball Tournament (Boys)
		Chess Tournament (Boys & Girls)
		Throw ball Tournament (Girls)
		Tennicoit Tournament (Girls)
		Carroms Tournament (Girls)
		Shotput Tournament (Girls)
9	March, 2018	Annual Day Distribution of certificates to Winners and Runners for Boy's & Girls

Events / Activities Organized

S.NO	NAME OF THE		DEPARTMENT(S)	No of

	EVENT	DATE		Students Participated
1	Kabaddi (Boys)	23-3-2017	CE,ME,EEE,ECE,CSE	90
2	Volley ball(Boys)	24-3-2017	CE,ME,EEE,ECE,CSE	81
3	Basket ball(Boys)	25-3-2017	CE,ME,EEE,ECE,CSE	30
4	Shot-put(Boys)	25-3-2017	CE,ME,EEE,ECE,CSE	35
5	Throw ball(girls)	23-3-2017	CE,ME,EEE,ECE,CSE	36
6	Tennicoit(Girls)	24-3-2017	CE,ME,EEE,ECE,CSE	14
7	Carroms(Girls)	25-3-2017	CE,ME,EEE,ECE,CSE	18
8	Shot-put(Girls)	25-3-2017	CE,ME,EEE,ECE,CSE	35

List of Students participation outside of college

S. No	Date	Name of the student	Regd.No	Name of the event	Venue
1	16-10-2017	P.Krishna Murthy	17MQ1A0317	Kabbadi-Jntuk Selection Trial	Gudlavalleru Engineering college
2	22-12-2017	CH.MAHESH	15MQ1AO109	EenaduCricket Champions cup 2017	V R Siddhardha Engineering College Vijayawada
		P.RUSHIKESH	15MQ1AO336		
		G.SAI KRISHNA	15MQ1AO115		
		P.SANTOSH	15MQ1AO491		
		B.VAMSI	17MQ1AO5B1		
		E.PHANI KIRAN	16MQ1AO441		
		P.SAI KUMAR	16MQ5AO314		
		K.SESHU	15MQ1AO317		
		D.PRAVEEN	15MQ1AO113		
		S.K.AMAR	15MQ1AO130		
		K.PAVAN KUMAR	17MQ1AO437		
		A.VAMSI KIRSHNA	17MQ1AO101		
		P.GURUPAVAN	18MQ1AO425		
		K.HARIHARAN	18MQ1AO433		
		P.KRISHNA MURTHY	17MQ1AO317		
3	23-12-2017	J.L.V.TEJA	15MQ1AO316	Hockey-Jntuk Selection Trial	Baba Institute of Technology & science-vizag
		P.RUSHIKESH	15MQ1AO336		
4	28-1-2018 TO 30-1-2018	Kabbadi		Kabadi & Volley ball - Jntuk C Zone	P V P Siddhardha Engineering College
		B.VENKANA BABU	15MQ5AO302		

		K.PAVAN KUMAR	16MQ5AO209	Tournment	
		P.KRISHNA MURTHY	17MQ5AO317		
		T.SRINIVASA RAO	15MQ1AO226		
		K.GANI KUMAR	15MQ1AO221		
		P.SAI VAMSI	17MQ1AO5B1		
		K.MAHESH	14MQ1AO585		
		P.SRIDHAR	14MQAO492		
		G.RAVI KUMAR	17MQ1AO487		
		K.RAJESH	16MQ5AO208		
		N.SAI KRISHNA	16MQ5AO309		
		CH.MANIKANTA	14MQ1A0A116		
		VOLLEY BALL			
		K.NAGA SRI AKHIL	14MQ1Q0583		
		G.BALA NAGA HAR KISHORE	14MQ1A0312		
		B.VENKANA BABU	15MQ5A0302		
		P.GOWITHAM	14MQ1A0543		
		K.MAHESH	14MQ1A0585		
		P.SRIDHAR	14MQ1A0492		
		K.PAVAN KUMAR	16MQ5A0209		
		K V V SATYANARAYANA	16MQ1A0112		
		G.NAGA KANNESWARA RAO	15MQ5A0213		
5	15-2-2018	K.N.S.AKHIL	14MQ1A0583	National level fest volley ball	Gudlavalleru Engineering college
		V.GOWITHAM	14MQ1A0543		
		K.MAHESH	14MQ1A0585		
		B.VENKANA BABU	15MQ5A0302		
		P.SRIDHAR	14MQ1A0492		
		G B N H KISFHORE	14MQ1A0312		
		K.PAVAN	16MQ5A0209		
		S K SUDHEER	14MQ1A0590		

		S.SOWMYA	17MQ1A0422		

Photographs

Kabaddi

Table Tennis

Volley Ball

Throw ball

Basket Ball

Carroms

National Service Scheme

Functions of the Cell

1. Developing the civic and social responsibility.
2. Utilizing the knowledge in finding practical solutions to individual and community problems.
3. Developing the required competence to mingle with others and sharing the responsibilities.
4. Making to obtain the skills for mobilizing the community participation.
5. Preparing the students to acquire leadership qualities and democratic attitudes.
6. Developing the strengths to meet emergencies and natural disasters.
7. Create awareness among the public about the Government Schemes for their welfare.

Functions- PO mapping

Functions	PO1	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
F1						**2**	**3**	**3**		**2**	**1**	**1**
F2									**3**			
F3									**3**			
F4										**3**		
F5									**3**			
F6							**3**			**2**	**1**	
F7												**2**

Facilities of the Cell:

1. One room (B1-312) for the students and faculty members to discuss about the activities.
2. Having a good no.of chairs and space to discuss / conduct the committee meetings.
3. Motivational posters and images of philanthropists to encourage the students for social service. Care must be taken to see that necessary facilities are available to girl students to maintain their privacy and meet their needs.
4. Transportation**.**
5. Food and accommodation.

Management of the Committee:

The committee composition is as specified below

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION
1	**Dr. A.B.Srinivasa Rao**	Principal	Chairman, NSS
2	**P.SatyaNarayana**	Asst. Professor, ME	NSS Programme Officer
3	K.Pithamber	Asst. Professor, ECE	Member
4	P.Siva Naga Raju	Asst. Professor, CSE	Member
5	K.Soma Sekhar	Asst. Professor, CE	Member
6	A.Srinivasa Rao	Asst. Professor, EEE	Member

7	T.Eswara Rao,	Asst. Professor, ME	Member
8	B.Srinivasa Rao,	Asst. Professor, S&H	Member
9	Ch. Ajay	16MQ1A0104	Student Member
10	Ch.Mahesh	15MQ1A0109	Student Member
11	K.Pravallika	16MQ1A0205	Student Member
12	V.N.V.Indra Prasad	15MQ1A0216	Student Member
13	Y.N.V.S.Vara Prasad	16MQ1A0334	Student Member
14	N.N.D.Ayyappa	15MQ1A0332	Student Member
15	G.P.V.S.Shanmukhi	16MQ1A0415	Student Member
16	V.Srujana Sri	16MQ1A0485	Student Member
17	S.Bhavani	16MQ1A0592	Student Member
18	A.Vikas Konda	16MQ1A0547	Student Member
19	K Lakshmi Venkat	17MQ1A0110	Student Member
20	G Geepthika Nandini	17MQ1A0202	Student Member

Roles & Responsibilities of Committee Members

Roles & Responsibilities of NSS Programme Officer:

- To coordinate NSS activities in accordance with the students' ability and community demands.
- To coordinate internal resources available in the form of teaching expertise of teachers for enhancing the knowledge and skills of the students in implementation of the scheme; and
- To coordinate various external resources available in the forms of government services; welfare agencies and voluntary bodies for the success of the NSS programme.

Roles & Responsibilities of Faculty Members:

- To prepare orientation programme for NSS volunteers, explain them about the concept of social service, and teach them methods and skills required for achieving the objectives of the scheme;
- To promote community education through meetings, talks, news bulletins discussions etc.; and
- To help in formulating NSS programmes which will have direct relationship with the academic curricula.

Roles & Responsibilities of Student Members:

- Understand the community in which they work
- Understand themselves in relation to their community
- Identify the needs and problems of the community and involve them in problem-solving
- Develop among themselves a sense of social and civic responsibility
- Utilize their knowledge in finding practical solutions to individual and community problems

Records and Registers

The following Records and Registers are to be maintained by the NSS units at the Institution level.

1. Enrolment Register of volunteers.

2. Cash Register.
3. Registers for blood grouping – 8 in number.
4. Minutes Book

Year Planner (2017-18)

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE
1.	International Yoga Day	21-06-2017
2.	Vanamahotsavam	02-07-2017
3.	Blood Donation Camp	11-07-2017
4.	World Youth Skill Day	15-07-2017
5.	Vanam-Manam	02-08-2017
6.	Independence Day	15-08-2017
7.	Teacher's Day	05-09-2017
8.	International Literacy Day	08-09-2017
9.	NSS Foundation Day Celebrations	25-09-2017
10.	SwachhBharath	01-10-2017
11.	Fire Prevention Day	09-10-2017
12.	World Polio Day	24-10-2017
13.	World AIDS Day	01-12-2017
14.	International Volunteer's Day	05-12-2017
15.	National Youth Day	12-01-2018
16.	National Voters Day	25-01-2018
17.	Republic Day	26-01-2018
18.	International Day Of Zero Tolerance to female genital mutilation	06-02-2018
18.	Women's Day	08-03-2018
20.	World Health Day	07-04-2018

Note: - Dynamic Activities would be done according to the Community demands and needs

Events Organized (2017-18)

S.No	Name of the Activity	Date	No of Students Participated	Organizations Associated	Who are Benefited
1	International yoga day	21-06-2017	120	Divya Yoga Mandir, Machilipatnam	SVIET Staff & Students
2	Distribution of Clothes to poor people	26-06-2017	50	SVIET	Jayanthi Colony, Pedana
3	Anti plastic rally	03-07-2017	90	SVIET	Gokavaram
4	Blood donation camp	13-12-2017	70	SVIET & APVVP, Govt. hospital, MTM	Machilipatnam People
5	Vanam-manam	02-08-2017	50	SVIET	Nandamuru
6	International literacy day	08-09-2017	50	SVIET	Kakarlamudi
7	Eco ganesh idols distributed	12-09-2017	15	SVIET	Pedana Muncipality People
8	Swachhbharath	01-10-2017	90	SVIET NSS Unit	Chinna Nandamuru

9	End polio rally	24-10-2017	75	SVIET, Rotary Club	Nandamuru
10	World AIDS day	01-12-2017	55	SVIET	Madaka village
11	Distribution of fruits to elders	26-01-2018	20	SVIET	Snehalayam, Machilipatnam

Photo Gallery

YOGA Day was celebrated on every year June 21st from 2015onwards. In this connection every year we conduct yoga classes to our students with help of Yoga instructor.	As a responsible citizen of India, we believe the nature is our god. In this connection, every year students of our college will do the plantation activity.
	
Conducted an awareness rally on “AIDS Day” to bring awareness on HIV to all public in madaka village.	Conducted a blood donation camp in association with APVVP, Govt.hospital, Machilipatnam
	
Conducted Swatch Bharath Progamme at Chinna nandamuru	Distributed Fruits and Blankets to elders at Snehalayam oldage home, Machilipatnam

	
Distributed Clothes to Poor people, Jayanthi colony, Pedana	Conducted an awareness rally on “Anti Plastic” to bring awareness on Environment sustainability to all public in Gokavaram village.
	
Conducted Vana mahotsavam at Munjuluru Village	Conducted Literacy Programme at Kakarlamudi village
	

CRITERION 10	Governance, Institutional Support and Financial Resources	120

10. GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (120)

10.1 Organization, Governance and Transparency (40)

10.1.1. State the Vision and Mission of the Institute (5)

Institute Vision

To emerge as a premier engineering institution in rural India imparting values based education for socio-economic upliftment

Institute Mission

- Provide the most creative learning environment for Technical Excellence of stakeholders
- Promote industry-institute interaction for skill enhancement and to meet the industry needs
- Create an environment to the stakeholders to be good citizens with integrity and morality.
- Committed to improve technical excellence, ethical values continuously.

10.1.2 Governing Body, Administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies (10)

Governance: The Promoter Society is the highest authority formed conforming to the statutory regulations of all the regulatory agencies. Governing Body of the Institution is formed fully adhering to the vision and philosophy of the promoter society taking into the statutory regulations of all the regulatory bodies like AICTE, State Government and Affiliating University.

Governing Body:

The Institute shall have a Governing body consisting of nine members from the promoting society, two faculty members, two academicians of high academic excellence, one representative of the state government and one representative from the affiliating university. The principal shall

be the member secretary of Governing Body responsible for arranging Governing Body meeting and recording the resolutions of the same. The Governing Body shall meet at least once in a year.

Correspondent

The Correspondent is the chief executive of the Institute. He co-ordinates between the sponsoring Society, Governing Body and the other systems of management in the college. Correspondent shall see

1. To represent SVIET in all transactions with the Governments, statutory bodies, other institutions or individuals concerned in all matters.
2. To authorize a person or a team of persons to represent him at University, CTE, AICTE, SRO and A.P State Government wherever necessary when he cannot attend in person.
3. To activate all the Programs of various cells formed in the Institute.
4. To issue the appointment orders to the Principal, teaching staff and other staff.

5. To sanction all kinds of leaves to the Principal.

6. (a) To open and operate the Bank accounts individually (or) jointly to accommodatethe remittance of the college tuition fee and other fee collected from students.

   (b) To maintain books of accounts in this regard.

7. (a) To maintain the Bank account jointly with Principal for students scholarships
   And staff salaries.

   (b) To maintain the books of accounts in this regard.

8. (a) To open and operate a bank account jointly with the Principal for special fee

   (b) To maintain the books of accounts in this regard

9. To pay salary bills and other bills of expenditure.

10. (a) Authorized to take decisions on such matters that need immediate
    compliance of action.

(b) To present such actions to the Governing Body in the subsequent meetings.

Executive Directors (ED's)

ED'S mainly helps the college in the areas of Development of Education and Growth of Institution and they will be assisting the Correspondent in carrying out the duties assigned to him.

i) ED'S will advise the Correspondent and Principal on the matters, focusing on development of education and growth of the college.

ii) ED'S shall visit various departments and facilities and interact with the in-charges for on-hand assessment of the same.

iii) ED'S shall address the staff, students and other stake holders if required, preferably through Principal.

iv) ED'S shall actively participate in the visits of experts from regulatory authorities / inspection committees and important visitors

v) ED'S shall represent the college in various forums duly authorized by the Correspondent.

vi) ED'S shall involve in any other work incidental to carrying out the above functions

vii) ED'S shall also involve any other work of the college assigned to him in the interest of the college by the Correspondent or on his own initiative after duly informing and taking the permission of the Correspondent.

PRINCIPAL

The Principal is the chief ACADEMIC ADMINISTRATOR and a bridge between the Management, Staff and Students. He should be preferably of good academic, administrative personal standing with sufficient experience in engineering colleges. The Principal shall be a source of inspiration to the staff and students particularly in matters of discipline and commitment to the institution.

Functions of the Principal:

1. To assist the G.B and Correspondent in formulation of academic programmes, administrative policies, action plans for infrastructural development and schemes for institutional development.

2. To implement all decisions of the Correspondent with regard to academic affairs and administrative matters that are entrusted to him.

3. To ensure effective academic management, monitoring all academic activities like day-to-day academic work, periodical evaluation, achievement of good annual results etc.

4. a) To recommend the formation of various cells/committees for active pursuit of curricular, co-curricular and extra-curricular activities for the approval of the G.B.
   b) To ensure the effective functioning of such activity cells/committees.

5. To enforce discipline among the students on the campus or off the campus as the situation demands, taking necessary measures with the help of the staff; and the guidance/help of the Management when needed.

6. To inculcate work culture and discipline among the staff so as to keep them as models for students as envisaged by the sponsoring society/G.B/Correspondent.

Note: While enforcing discipline among the staff, the principal should act with due caution to protect the image and interests of the institution. The principal need to consult the Correspondent and take his consent regarding disciplinary measures particularly in cases of senior faculty members in higher cadres.

7. To spend the amount in consultation with respective ACTIVITY CELL / COMMITTEE on the approval of the correspondent
8. a)To open and operate a Bank account for Scholarships received from different sources including the State Government.

   b) To maintain Books of Account for the scholarships.

9. The deans shall report to the Principal.

10. To prepare the budget for consideration and approval of the Governing Body.

11. To prepare salary statement and present it every month for the approval of the correspondent for disbursement.

12. To sanction leaves to staff as per leave rules, maintaining leave account.

13. To take steps for promotion of INDUSTRY-INSTITUTION INTERACTION and R&D work on his own or on the suggestions of the concerned Deans and Heads of the Department.

14. To provide consultancy services as can be offered by the members of faculty in their respective fields of specialization to the outside individuals or institutions as per their guideline from the correspondent.

15. To participate in Quality planning at University / Government / AICTE level for development of technical education.

16. a) To allow the individual members of faculty for participation in the orientation programs, refresher courses, spot evaluation, curriculum development sessions etc.

b) To permit the members of faculty and students for participation in inter-collegiate, inter-university competitions and festivals, talent and personality development programmes at various levels.

17. To be the CHIEF WARDEN of hostels under the management of the college.

18. To sanction annual increment to the staff as approved by the G.B.

19. To make periodical review on the performance of the staff department wise or Individually, taking the help of the Heads of Departments and presenting it to GB.

Deans

To help the Principal in academic administration, there shall be two Deans working in the Institute viz.,

1. Dean – Academics and Planning.
2. Dean – Monitoring and Student affairs.

The Designation Dean shall be used only when Professors hold these posts. In other cases they are called 'Officers'

I) **Dean –** Academics and Planning.

He shall look after

a) Time Tables
b) Central Library & Information Centre
c) Website/ICT/Internet Cell
d) NSS Cell
e) Sports and Games
f) IQAC (Internal Quality Assurance Cell)

g) Arts & Cultural Cell
h) Dept. Association Coordination
i) Industry - Institution Interaction

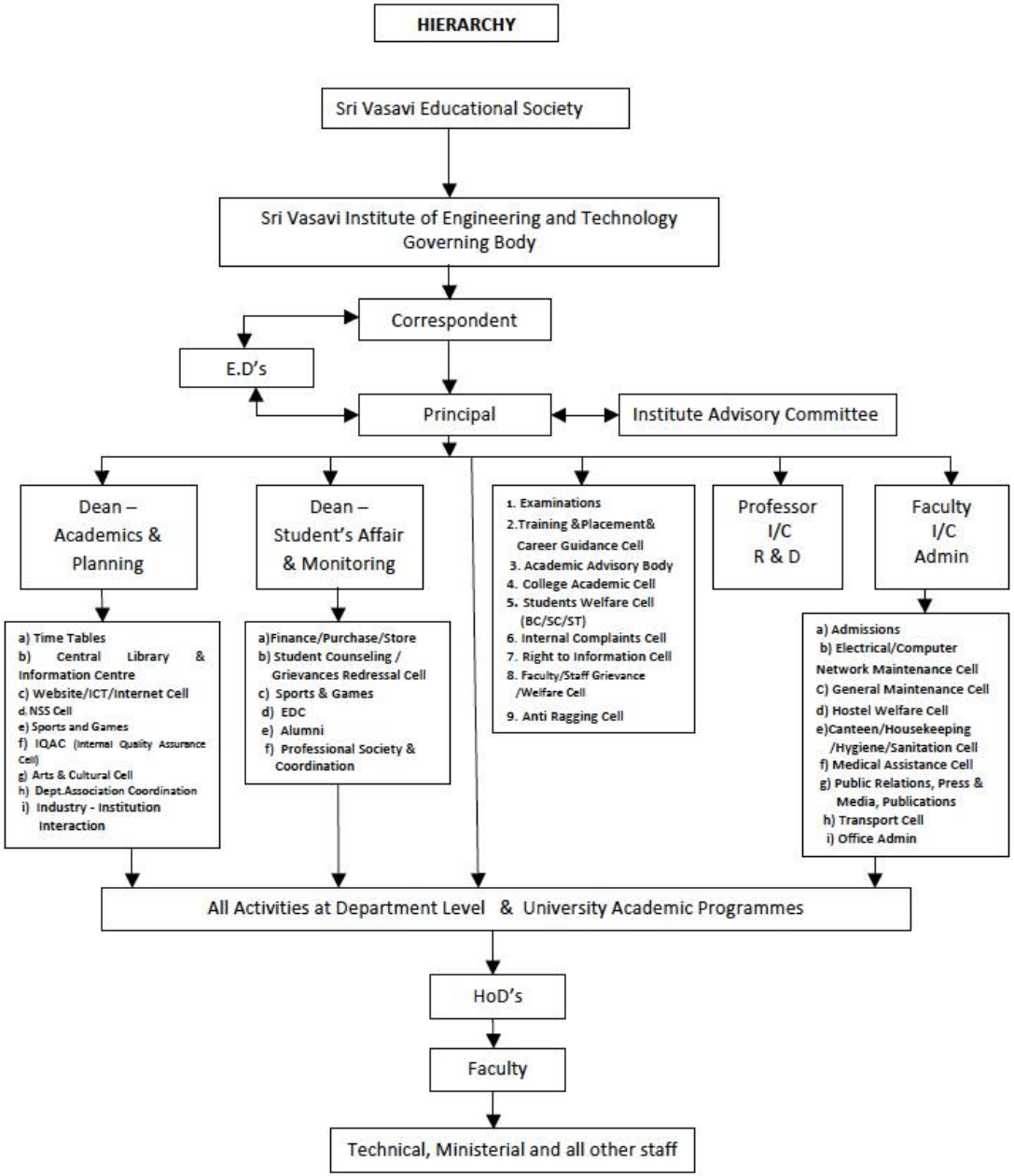
II) **Dean-** Monitoring and Student affairs shall look after

a) Finance/Purchase/Store
b) Student Counseling / Grievances Redressal Cell
c) Sports & Games
d) EDC
e) Alumni
f) Professional Society & Coordination

Deans – Functions:

1. He is the overall in charge for the respective areas under him and he shall ensure the success of these programmes.
2. He will make recommendations to Principal on formulation of various cells for different areas he is in charge of.
3. He will convene meetings of those committees at least once in two months.
4. He shall submit reports to the Principal twice in a semester on the programs he is in charge of.
5. All the information, correspondence regarding the programmes coming under the purview of the dean shall be routed to him through principal.
6. Whenever necessary he shall convene a meeting of HODs concerning those programmes/Cells

In the hierarchical order the Deans are between the Principal and HODs.


HIERARCHY
Sri Vasavi Educational Society
Sri Vasavi Institute of Engineering and Technology
Governing Body
Correspondent
E.D's
Principal
Institute Advisory Committee
Dean – Academics & Planning
Dean – Student's Affair & Monitoring
1. Examinations
2.Training &Placement& Career Guidance Cell
3. Academic Advisory Body
4. College Academic Cell
5. Students Welfare Cell (BC/SC/ST)
6. Internal Complaints Cell
7. Right to Information Cell
8. Faculty/Staff Grievance /Welfare Cell
9. Anti Ragging Cell
Professor I/C R & D
Faculty I/C Admin
a) Time Tables
b) Central Library & Information Centre
c) Website/ICT/Internet Cell
d. NSS Cell
e) Sports and Games
f) IQAC (Internal Quality Assurance Cell)
g) Arts & Cultural Cell
h) Dept.Association Coordination
i) Industry - Institution Interaction
a)Finance/Purchase/Store
b) Student Counseling / Grievances Redressal Cell
c) Sports & Games
d) EDC
e) Alumni
f) Professional Society & Coordination
a) Admissions
b) Electrical/Computer Network Maintenance Cell
C) General Maintenance Cell
d) Hostel Welfare Cell
e)Canteen/Housekeeping /Hygiene/Sanitation Cell
f) Medical Assistance Cell
g) Public Relations, Press & Media, Publications
h) Transport Cell
i) Office Admin
All Activities at Department Level & University Academic Programmes
HoD's
Faculty
Technical, Ministerial and all other staff

Coordinators:

Coordinators of all cells will report to their respective Deans/Principal. HODs shall report to the Principal through Dean on matters that come under the purview of Dean.

The Deans will be guided by the policies of the college in the matters that come under their purview.

Committees:

Every committee shall have a coordinator and two or more members. Coordinator will be in charge of the committee and its programs. These committees assist the Deans/Principal in the discharge of their duties. Each activity given under the Dean will have a committee/Cell.

Duties of HODs

HOD is responsible for the functioning of that Department as per the laid down policies of the college. He will be consulting with Deans and reporting to Principal, in technical matters coming under the purview of the dean.

HOD will prepare budget estimation for the Department for its operation, maintenance and development. HOD will constitute various committees to help in various matters.

Preparing and submitting a report to the Principal on all matters. He will be in-charge of all the academic and other Departmental activities of the department and will be reporting on this at the end of every semester.

HODs are given an imprest money of Rs.5,000/- and they will utilize this for emergencies and unforeseen expenditures only.

He will allocate academic and other duties to the faculty/supporting staff members of his department.

HODs enjoy a level of autonomy to utilize the services of his faculty and supporting staff.

10.1.3 Decentralization in working and grievance redressal mechanism (10)

Decentralization: A Senior member is deployed as Coordinator to look after each cell listed below:

Sl.No.	Name of the Committee	Name of the Coordinator
1	Finance/Purchase/Stores Cell	Dr.D.Raja Ramesh
2	R & D and Consultancy Cell	Dr.S.Koteswara Rao
3	Training & Placement& Career	D.Adithya Kumar

	Guidance Cell	
4	Examinations Time Tables Admissions	A.Pavan Kumar V.Vijaya Bhaskar P.Meher Kumar
5	Central Library & Information Centre	B.Jyothilal Nayak
6	Website/ICT/Internet Cell	K.Venkatesh
7	Student Counselling /Grievances Redressal Cell	G S N V N Babu
8	Hostel Welfare Cell	P.Meher Kumar
9	Canteen/Housekeeping/Hygiene /Sanitation Cell	P.Meher Kumar
10	NSS Cell	P.Satyanarayana
11	Sports & Games Cell	Ch.Giri Phani Kumar
12	Transport Cell	P.Meher Kumar
13	Arts/Cultural Cell	B.R Nagavalli
14	Department Associations Coordination Cell	A.Chandra Suresh
15	Industry Institute Interaction Cell	Dr.M.Srinivasa Rao
16	E D C	K P R Ratna Raju
17	Alumni Coordination Cell	A.V.Raghu Ram
18	Professional Societies Coordination	Dr. B.Raja Srinivasa Reddy
19	Electrical/ComputerNetwork Maintenance Cell	B.D.S.Prasad & Dr. B.Raja Srinivasa Reddy
20	Medical Assistance Cell	P.Meher Kumar
21	Academic Advisory Body	Dr.A.B.Srinivasa Rao
22	College Academic Cell	Dr.A.B.Srinivasa Rao
23	Public Relations, Press & Media, Publications	P.Meher Kumar
24	Students Welfare Cell (BC/SC/ST)	Dr.A.B.Srinivasa Rao
25	General Maintenance Cell	P.Meher Kumar
26	Internal Quality Assurance Cell	S V C Gupta
27	Internal Complaints Cell	Dr.A.B.Srinivasa Rao
28	Right to Information Cell	Dr.A.B.Srinivasa Rao

29	Faculty/Staff Grievance/Welfare Cell	Dr.A.B.Srinivasa Rao
30	Anti Ragging Cell	Dr.A.B.Srinivasa Rao

Following committee coordinators have been delegated powers for taking administrative decisions in respect of redressel mechanism.

a). Grievances Redressel Cell

Sl.No.	Name of the Person	Designation
1.	G.S.V.N.V.Babu, Prof of ECE	Coordinator
2.	A.Chandra Suresh, Assoc.Prof of ECE	Member
3.	V. Sridhar Reddy, Assoc.Prof of Mech	Member
4.	K.Rama Rao, Asst.Prof of CSE	Member
5.	Ch.Giri Phanikumar, Asst.Prof of Civil	Member

b). Anti Ragging Committee

Sl.No.	Name of the Faculty	Designation
1	Dr.A.B.Srinivasa Rao, Principal	Coordinator
2	A.V.Raghu Ram, S & H HoD	Member
3	P.Mehar Kumar, Assoc.prof &Faculty i/c Admin	Member
4	V.Srinivasa Rao, Civil HoD	Member
5	B.Jyothilal Nayak, EEE HoD	Member
6	Dr.D Raja Ramesh, Mech HoD& Dean-SAM	Member
7	Dr.M.Sreenivasulu, ECE, HoD	Member
8	S V C Gupta, Prof & Dean-Academic & Planning	Member
9	D.Adithya Kumar, CSS HoD	Member
10	V V Muralinadh, P.D	Member
11	V.Bhagya Lakshmi, Girls Hostel Warden	Member
12	Dr.M.Srinivasa Rao, Prof & HoD CSE	Member
13	V.Vijaya Bhaskar, Assoc.Prof of Mech	Member
14	Ch.Giri Phani Kumar, Asst.Prof of Civil	Member
15	D.V.Sridhar, Asst.Prof of ECE	Member
16	P.Srikanth, Asst.Prof of EEE	Member
17	Dr.P.Govardhan, Prof of S & H	Member

18	Dr.P.Seshu Babu, Assoc.Prof of S & H	Member
19	Dr.V N S R V Rao, Assoc.Prof of S & H	Member
20	P.Ram Babu, Asst.Prof of S & H	Member
21	K Narasimha Swamy, Asst.Prof of S & H	Member
22	P.Vasudeva Rao, Asst.Prof of S &H	Member
23	M L L Phanikanth, Asst.Prof of S & H	Member
24	B.Ranga Nagavalli, Asst.Prof of S & H	Member
25	Sk.Hidayatullah, Asst.Prof of S & H	Member
26	K.Bhavani, Asst.Prof of S & H	Member
27	P.Charitha Krishna, Asst.Prof of Mech	Member
28	G D Vijaya Lakshmi, Asst.Prof of CSE	Member
29	G.Sita Annapurna, Asst.Prof of ECE	Member

c). Internal Complaints Committee (ICC)

Sl.No.	Name of the Faculty	Designation
1	Dr.A.B.Srinivasa Rao, Principal	Coordinator
2	Dr.D.Raja Ramesh, Mech HoD& Dean- SAM	Member
3	B.Bala Subrahmanyam, Asst.prof of Civil	Member
4	P.Hemanth Kumar, Asst.Prof of EEE	Member
5	K.Meena Anusha, Asst.Prof of ECE	Member
6	P.Siva Naga Raju, Asst.Prof of CSE	Member
7	K.Narasimha Swamy, Asst.Prof of S &H	Member
8	A.Rajesh, Asst.Prof of Mech	Member

d). Sexual Harassment Committee

Sl.No.	Name of the Faculty	Designation
1	Dr.A.B.Srinivasa Rao, Principal	Coordinator
2	Ms.G.Sita Annapurna, Asst.Prof of ECE	Member
3	Mrs.K.Bhavani, Asst.Prof of S & H	Member
4	Mrs.B.Ranga Nagavalli, Asst.Prof of S &H	Member
5	Ms.V.Sai Mounica, Asst.Prof of Mech	Member
6	Ms.G.D.Vijaya Lakshmi, Asst.Prof of CSE	Member

10.1.4 Delegation of Financial Powers

The Principal is empowered with a financial power up to Rs.10,000/- and all the Head of the departments are allocated with an amount of Rs.2,000/- towards imprest amount.

10.1.5 Transparency and availability of correct/unambiguous information in public domain

Yes, all the policies, rules, processes and discrimination of the information is made available on the college website for the benefit of all our stake holders. The same can be viewed with the following link in **HR Policy** http://sviet.edu.in/hrpolicy.php

Website- http://sviet.edu.in/ Coordinator-Mr.K.Venkatesh

Transparency

- HR Policyhttp://sviet.edu.in/hrpolicy.php
-RTIhttp://sviet.edu.in/rightact.pdf
-B Category Admissionhttp://sviet.edu.in/BCategoryAdmission.php
-Financial Information http://sviet.edu.in/FinancialInformation.php
-Vision http://sviet.edu.in/vision.php
-Mission http://sviet.edu.in/mission.php
-Facilities in Campus http://sviet.edu.in/campus.php
-Placementhttp://sviet.edu.in/tpcell.php
-Examination http://sviet.edu.in/Examination.php
-R&D-http://sviet.edu.in/r&d.php
-Contact Us http://sviet.edu.in/contactus.php

E-Resources

-N Digital Library (Noble Info Tech) http://ndigitalonline.com/
-National Digital Library of India https://ndl.iitkgp.ac.in/
-Del Net http://www.delnet.in/
-NPTEL https://onlinecourses.nptel.ac.in/
-Institute Local Chapter (NPTEL)
https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=1380

Interactive Website

Parent, Student, Faculty Login
http://117.239.54.69/newecap/default.aspx

Alumni

http://sviet.edu.in/registration.php

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

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, CFY*m*1, CFY*m*2 & CFY*m*3

CFY: Current Financial Year, CFY*m*1 (Current Financial Year minus 1), CFY*m*2 (Current Financial Year minus 2) and CFY*m*3 (Current Financial Year minus 3)

For CFY (2017-18)

Total Income: 79600940				**Actual expenditure :79690346**			**Total No.of Students: 1421**
Fee	**Govt.**	**Grant(s)**	**Other Sources(specify)**	**Recurring including Salaries**	**Non recurring**	**Special Projects/ Any other, Specify**	**Expenditure per Student:**
79556440	**-**	**44500**	**-**	**70519575**	**9170771**	**-**	**56080**

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. Note: Similar tables are to be prepared for CFYm1,CFYm2 & CFYm3

Items	**Budgeted in CFY**	**Actual Expenses In 2018-19(till Dec 2018.)**	**Budgeted in CFYm1**	**Actual Expenses In 2017-18**	**Budgeted in CFY m2**	**Actual Expenses In 2016-17**	**Budgeted in CFY m3**	**Actual Expenses In 2015-16**
Infra-Built up	4293000	2035716	3902000	3902590	3503000	3503240	4660000	4665789
Library	1547000	298486	1406000	1406139	2141000	2141917	1673000	1673505

Laboratory equipment	3679000	960000	3344000	3344947	4587000	4587872	3464000	3464221
Laboratory consumables	755000	431836	686000	686557	854000	854064	574000	574730
Teaching and non-teaching staff salary	51700000	33768902	47000000	47001261	43144000	43144056	39170000	39178239
Maintenance and spares	4176000	1029823	3796000	3796028	4085000	4085565	3807000	3807958
R&D	2116000	96934	1923000	1923234	3260000	3260803	1869000	1869260
Training and travel	5256000	1531908	4778000	4778365	4335000	4335348	5600000	5526730
Miscellaneous	650000	25344	590000	590500	454000	454200	977000	977775
Others specify	13486000	8022854	12260000	12260725	12938000	12938303	12640000	12726697
Total	87658000	48201803	79685000	79690346	79301000	79305368	74434000	74464904

* **Items to be mentioned.**

10.2.1. Adequacy of budget allocation (10)

The budget allocated during the assessment years is adequate.

10.2.2. Utilization of allocated funds (15)

The Budget utilization details are placed in the website with link http://sviet.edu.in/financialinformation.php.

10.2.3 Availability of the audited statements on the institute's website (5)

The financial information including audited statement were placed in the website with link http://sviet.edu.in/financialinformation.php.

10.3. Program Specific Budget Allocation, Utilization (30)

Total Budget at program level: For CFY, CFY*m*1, CFY*m*2 & CFY*m*3

CFY: Current Financial Year, CFY*m*1 (Current Financial Year minus 1), CFY*m*2 (Current Financial Year minus 2) and CFY*m*3 (Current Financial Year minus 3).

For CFY

Total Budget: 5239000		**Actual expenditure (31-12-2018): 1457031**		**Total No. of students: 454**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
1530000	**3709000**	**283696**	**1173335**	**3209**

Note: Similar tables are to be prepared for CFYm1, CFYm2 & CFYm3

.

Items	Budgeted in CFY	Actual expenses in CFY(Dec 2018)	Budgeted in 2017-18	Actual expenses in CFYm1	Budgeted in 2016-17	Actual expenses in CFYm2	Budgeted in CFYm3	Actual expenses in 2015-16
Laboratory equipment	**844000**	**250100**	**767000**	**767877**	**1900000**	**1902371**	**1275000**	**1276564**
Software	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Laboratory consumable	**440000**	**276744**	**400000**	**403011**	**270000**	**269774**	**190000**	**192356**
Maintenance and spares	**1353000**	**356898**	**1230000**	**1231506**	**1139000**	**1139714**	**1010000**	**1016896**
R&D	**686000**	**33596**	**623000**	**623936**	**909000**	**909636**	**499000**	**499178**
Training and Travel	**1705000**	**530908**	**1550000**	**1550195**	**1209000**	**1209393**	**1830000**	**1831340**
Miscellaneous expenses *	**211000**	**8785**	**191000**	**191568**	**126000**	**126706**	**260000**	**261109**
Total	**5239000**	**1457031**	**4761000**	**4768093**	**5553000**	**5557594**	**5064000**	**5077443**

- **Items to be mentioned**

10.3.1. Adequacy of budget allocation (10)

The budget allocated during the assessment years is adequate.

10.3.2. Utilization of allocated funds (20)

The Budget utilization details are placed in the website with link http://sviet.edu.in/financialinformation.php.

10.4 Library and Internet (20)

10.4.1 Quality of learning resources (hard/soft) (10)

The Central Library of the Sri Vasavi Institute of Engineering & Technology (SVIET) was established in the year 2008. The library has a rich collection of Books, National and International Journals, Technical and other Magazines, CD ROMs on different engineering subjects. This Library follows open access system; student & faculty library card based circulation process and OPAC Literature Search. The college central library timings during working days is from 8.00 AM – 6.00 PM. The central Library in the college provides facilities to edify the research for faculty /students for seeding research work. The following are the facilities provided:

Central Library

Volumes at Library

Studnets and Faculty at Library

Journals & Periodicals

Issuing Books at Library

Books

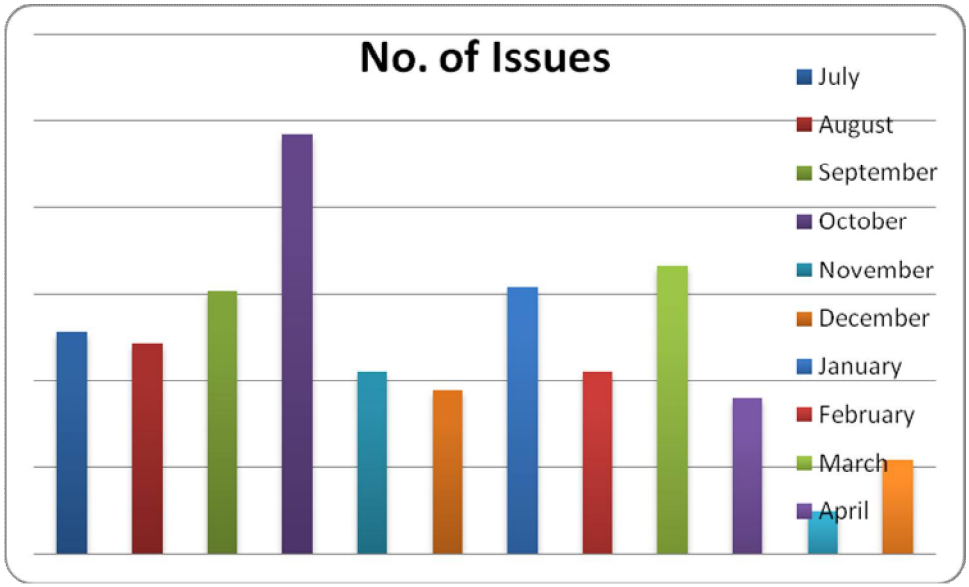
The central Library in the college provides facilities to edify the research for faculty /students for seeding research work. The following are the facilities provided:

1. The library has a collection of 2645 titles, 21161 volumes of books, 1589 e-books, 37 journals, 907 e-journals, .
2. Digital Library has been set up with 20 systems connected with high-speed network connectivity to access all e-resources and video streaming e-learning program.
3. The faculty and students can procure the books on loan from the library.
4. The Library E-Resources can be accessed by the students and faculty members anywhere in the campus during working hours.
5. The Institute subscribes for the electronic journals/ magazines from Noble Infotech, DelNet and NDL every year. The resources are being used by staff for research work and by students for their project works.

Students Accessing Digital Library

Students Accessing Digital Library

Library Utilization for the Academic Year 2017-18



10.4.2 Internet (10)

Name of the Internet provider: BSNL, Airtel

Available bandwidth: 48 mbps

Wi-Fi availability: Yes,

Internet Access in all labs, classrooms, library and offices of all departments: Yes

Security arrangements: Yes

Tele - Fax : 08672 - 241387

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada)
An ISO 9001 : 2008 Certified Institute
NANDAMURU, Pedana Mandal, Krishna Dist. - 521 369. (A.P.)

Ref :-

Declaration

Date: .....

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 institute 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, post visit and subsequent to grant of accreditation.

Date: 05-02-2019
Place: Nandamuru

(Dr.A.B.Srinivasa Rao)
Principal
Sri Vasavi Institute of
Engineering & Technology
NANDAMURU