



St.PETER'S
ENGINEERING COLLEGE

Maisammaguda, Dullapally, Kompally Road, Hyderabad, Telangana 500100.



CSE ,ECE & EEE

Annual Quality Assurance Report

Submitted to

National Assessment and Accreditation Council

(NAAC)

Of



Academic Year: 2017-18

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The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (*Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013*)

Part - A

1. Details of the Institution

1.1 Name of the Institution	:	St.Peter's Engineering College.
1.2 Address Line	:	Opp. Forest Academy, Dhulapally,
Address Line 2	:	Maisammaguda, Medchal District
City/Town	:	Hyderabad
State	:	Telangana
Pin Code	:	500043
Institution e-mail address	:	principal@stpetershyd.com
Contact Nos.	:	995922668
Name of the Head of the Institution	:	Dr.M Narendra Kumar
Tel. No. with STD Code	:	
Mobile	:	995922668
Name of the IQAC Co-ordinator	:	Dr.M. Sharada Varalakshmi
Mobile	:	9912106100
IQAC e-mail address	:	iqacordinator@stpetershyd.com

1.3 NAAC Track ID

(*For ex. MHCOGN 18879*) : TSCOGN27603

1.4 NAAC Executive Committee No. & Date : EC(SC)/28/A&A/188.1 & 30/10/2017

(*For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate*)

1.5 Website address www.stpetershyd.com

Web-link of the AQAR : <http://www.stpetershyd.com/pdf/iqac/AQAR2017-18.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.03	2017	5 years
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC : 01/06/2016

1.8 AQAR for the year (for example 2010-11) : 2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR _____ NIL _____ (DD/MM/YYYY)
- ii. AQAR _____ NIL _____ (DD/MM/YYYY)
- iii. AQAR _____ NIL _____ (DD/MM/YYYY)
- iv. AQAR _____ NIL _____ (DD/MM/YYYY)

1.10 Institutional Status

	State	Central	Deemed	Private
University	-	-	-	✓

Affiliated Colleges : Affiliated to JNTUH

Constituent College : Nil

Autonomous College(UGC) : Nil

Regulatory Agency approved Institution : AICTE (eg. AICTE, BCI, MCI, PCI, NCI)

	Co-education	Men	Women	Urban	Rural	Tribal
Type of Institution	✓					

Financial Status	Grant-in-aid	UGC 2(f)	UGC 12B	Grant-in-aid + Self Financing	Totally Self-financing
		✓			✓

1.11 Type of Faculty/Programme

	Arts	Science	Commerce	Law	PEI (Phys Edu)	TEI (Edu)	Engineering	Health Science	Management	Others
Type of Faculty/ Programme							✓			

1.12 Name of the Affiliating University (for the Colleges) : Affiliated to JNTUH-Hyderabad

1.13 Special Status Conferred By Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt./ University	-
University with Potential for Excellence	-
DST Star Scheme	-
UGC-Special Assistance Programme	-
UGC-Innovative PG programmes	-
UGC-COP Programmes	-
UGC-CE	-
DST-FIST	-
Any other (Specify):	-

2. IQAC Composition and Activities for A.Y, 2017-18

2.1	No. of Teachers	:	07
2.2	No. of Administrative/Technical staff	:	01
2.3	No. of students	:	02
2.4	No. of Management representatives	:	01
2.5	No. of Alumni	:	01
2.6	No. of any other stakeholder and community representatives	:	01
2.7	No. of Employers/ Industrialists	:	02
2.8	No. of other External Experts	:	01

2.9 Total No. of members : 16

2.10 No. of IQAC meetings held : 04

2.11 No. of Meetings with Various Stakeholders:

	No.	Faculty	Non-Teaching	Students	Alumni	Others
No. of meetings with various stakeholders	04	04	02	02	02	02

2.12 Has IQAC received any funding from UGC during the year? : No

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos	International	National	State	Institution Level
02				02

(ii) **Themes : --**

- Two day workshop on “Assessments and Attainments of Course outcomes” by Prof.Paul Advisor, Quality Education,.Hyderabad.
- A seminar on “ Quality in Teacher Education – Various Parameters” by Shri. Ravichand Hyderabad..

2.14 Significant Activities and contributions made by IQAC

- Designing of Graduate attributes for all the programs.
- Specifications of learning outcomes for all the courses.
- Conducting Gender Sensitization programs.
- Effective Training Programs for students.
- Analysis of journal publications.
- Analysis of NIRF data.
- Analysis and enhancement of faculty qualification
- Promotion of NPTEL courses.
- Conducting FDP programs through ICT academy

1. 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

SL. No	Plan of Action	Achievements
1	To ensure that all faculty includes a best practices with innovative methodologies in their teaching learning process.	90% of the faculty are using best practices like Role Play, Group discussions and Quiz.
2	Include the quality parameters in the internal question papers and assignment questions.	Prepared for 2017-18 I and II semester.
3	Promotion of quality research among faculty.	Number of research papers has improved.
4.	Workshops on quality parameters and methodologies.	All faculties are practicing these parameters.
5.	Establishment of Incubation centre	Students are developing innovative projects through this.

* Academic planner attached as Annexure 1

2.15 Whether the AQAR was placed in statutory body : Yes

If Yes:

Management	Syndicate	Any other body
✓	--	--

Provide the details of the action taken:

In progress

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PG	4	-	4	-
UG	5	-	5	-
Diploma	2	-	2	-
Total	12	-	12	-

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options: Elective options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	12
Trimester	-
Annual	-

1.3 Feedback from stakeholders*

(On all aspects)

Alumni	Parents	Employers	Students
✓	✓	✓	✓

Mode of feedback :

Online	Manual	Co-operating schools (for PEI)
--------	--------	--------------------------------

✓	✓	
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Feedback Analysis given in Annexure 2

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- Being an Affiliated college curriculum is prescribed by the affiliated University, revised syllabus and up gradations are identified by the department academic committee.

1.5 Any new Department/Centre introduced during the year. If yes, give details. : Yes

- A new incubation centre is introduced this year ,where students can upgrade their research skills and innovative thoughts to bring out good projects.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. Of permanent faculty:

Total	Asst. Professors	Associate Professors	Professors	Others
166	125	23	18	--

2.2 No. of permanent faculty with Ph.D : 21

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
42	--	2	--	7	--	06	--	57	--

2.4 No. of Guest and Visiting faculty and Temporary faculty : 22

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	05	-	166
Presented papers	80	-	-
Resource Persons	15	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Audio and Video lectures in class room teaching,
- MIT, IIT and NPTEL lectures for complicated subjects in particular hours every week.

- GATE and IES coaching for students to get good rank in their future.
- CRT classes for placements and communication skills.
- Skill development programs for enhancing their knowledge in cutting edge technologies.

2.7 Total No. of actual teaching hours during this academic Year : 1152 hours / 192 days

2.8 Examination/ Evaluation Reforms initiated by : Affiliated to JNTUH
the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

S.No.	2016-17	2017-18
1	Only One paper for each subject for mid exam	Three sets of question paper for each subject irrespective of common subject
2	As only one paper was given by faculty the same was used for mid exams	Principal selects one among the three question paper given by faculty on the date of exams
3	No hand book	Hand book consists of syllabus, previous question papers, important exam questions both subjective and objective, examination rules and regulations
4	Only 4 questions were given in question paper out of which only two has to be answered	The paper pattern is changed. Each question paper should have 4 questions. Each question should have multiple questions. Those multiple questions of each question should be from different unit
5	Question paper was given with only marks	Question paper consists of questions with marks, co mapping, blooms taxonomy
6	Award list consists of the total marks scored in objective, subjective and assignment	Award list consists of how many marks scored for objective, assignment and marks scored by student for each question in subjective,
7	No proper department coordinators for exam branch	Exclusive department coordinators are available in exam branch

2.9 No. of faculty members involved in curriculum Re structuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop : 09

Sno	Name of Faculty	Curriculum developed	No.of hours /week
1	Rajasekhar Naidu	Aptitude Material	1 hour/week
2	Amogh desmukh	Programming skills	1 hour/week
3	Avinash	Aptitude	1 hour/week
4	Srinivas Reddy	Soft skills	1 hour/week
5	Dr.Diana	Curriculum development for 2018-19 at JNTUH	
6	Dr. Sridevi	Curriculum development for 2018-19 at JNTUH	
7	Mr.Mukherjee	Curriculum development for 2018-19 at JNTUH	
8	Dr.Rambabu	Curriculum development for 2018-19 at JNTUH	
9	Ms.Shailaja	Curriculum development for 2018-19 at JNTUH	

2.10 Average percentage of attendance of students : 82%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Year	Total no. of students appeared	Division(Percentage)				
			Distinction	I	II	III	Pass %
CSE	IV	168	4.7	32.9	8.9	0	45.83
CSE	III	153	3	27.4	11.7	0	42.48
CSE	II	161	29	7.4	0	0	36.65
ECE	IV	179	1.6	31.8	12.84	0	46.3
ECE	III	129	1.5	37.98	16.27	0	55.8
ECE	II	121	4.13	30.57	8.2	0	42.9
EEE	IV	58	5.17	22.41	17	0	44.82

EEE	III	49	0	22.44	48.9	4.08	75.42
EEE	II	71	15	1	0	0	23.8
CIVIL	IV	53	1.8	33.9	5.6	0	41.5
CIVIL	III	36	2.7	13.88	25	0	41.66
CIVIL	II	52	48.07	9.6	0	0	57.69
MECH	IV	115	18.2	9.5	0	0	27.8
MECH	III	70	1.4	11.4	12.8	0	25.6
MECH	II	91	0	9.8	0	0	9.8

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Suggestions methods for quality teaching/ learning, evaluating and analysing results and suggesting measures for improvements.
- Analysis of student's feedback and stakeholder's feedback.
- Monitoring of student and staff attendance on a daily basis.
- Quality Teaching/ Learning parameters are introduced for improvement in T/L process.
- Monitors the quality of students joining in first year and suggests for improvement.
- Feedback form is obtained from students through a structured questionnaire.
- Feedback form is sent to the Departments for further action.
- Department level committee analyses and monitors the Teaching & Learning Process.
- Several Brain-storming sessions were conducted for improving the teaching / learning process.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	151
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	120

Faculty exchange programme	-
Staff training conducted by the university	15
Staff training conducted by other institutions	32
Summer / Winter schools, Workshops, etc.	-
Others	5

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	23	--	05	--
Technical Staff	27	--	08	--

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- ✓ All the Ph.D notifications are circulated to faculty & motivate them for Registration in their area of interest.
- ✓ All departments have been encouraged to have a research component in the existing curriculum.
- ✓ Financial support was provided for the Academic Conclave to encourage interaction between industry and academia

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	--	2	3
Outlay in Rs. Lakhs	32,97,000	--	32,97,000	63,00,000

S.No	Title Of The Project	Name Of The Principal Investigator	Funding Agency	Amount In Rs	Academic Year	Status
1.	Network Analyzer	Dr. A. Prashanth	AICTE-RPS	23 Lakhs	2015-16	Completed

2.	Modeling & Analysis Quartz sensor	Dr. Shailesh	DRDO Hyderabad	9.97 Lakhs	2014-15	Completed
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3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	--
Outlay in Rs. Lakhs	--	--	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	130	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	18	01	-

3.5 Details on Impact factor of publications:

Range	Average no. of citations	h-index	Nos. in SCOPUS
0-3.6	112.05	1.5	05

S.N O	NAME OF THE FACULTY	No. of Journals	No. of Conferences	No. of Books	No. of Patents	No. of Citations	h-Index	i-Index
1.	Dr. Narendra Kumar	60	12	3	-	20	3	0
2.	Dr. K. Raveendran	15	2	-	2	1688	4	4
3.	Dr. Padmanabham	7	-	-	-	1	1	0
4.	Dr. K. Ashok Reddy	72	15	-	-	47	4	2
5.	Dr. Raja	4	-	-	-	2	1	0
6.	Dr. Diana Moses	6	2	1	-	15	2	1
7.	Dr. Jayanna K	15	7	-	-	4	1	1
8.	Dr. Rajasekhar	10	11	-	-	6	2	0
9.	Dr. Shaheen	11	-	3	-	1	1	0

10.	Dr. Prakash Rao	15	3	-	-	1	1	0
11.	Dr. Naveen Karunya	15	3	-	-	0	0	0
12.	Dr. Murugan	16	-	-	-	9	2	0
13.	Dr. A.G. Ganesh Kumar	9	-	-	-	1	1	0
14.	Dr. R. P. Sridevi	12	-	-	-	1	0	0
15.	Dr. G. Dhanasri	20	-	-	-	215	7	5
16.	K Sree Latha	6	2	-	-	7	1	0
AVERAGE						112.05	1.5	0.73

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned	Received In Rs.
Major projects	3	AICTE, DRDO	32,97,000	32,97,000
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	1	Cyrup solutions, Delhi world school	5,50,000/-	5,50,000/-
Projects sponsored by the University/ College	1	Self	3,00,000/-	3,00,000/-
Students research projects (<i>other than compulsory by the University</i>)	7	Self-		
Any other(Specify)	-	-	-	-
Total			41,47,000	41,47,000

3.7 No. of books published

With ISBN No	Chapters in Edited Books	Without ISBN No
06	01	02

S. No	Names of Authors (as Published)	Title	ISBN	Name of Publisher	Yr of Publication
1.	Dr. M. Narendra Kumar	Wind Energy Conservation with PMSG and Integration to HVDC Link	978-3-659-43505-8	Labmbert Academic Publishing	2013
2.	Dr. M. Narendra Kumar	Power Electronics and Static Drivers	978-3-659-89852-5	Labmbert Academic Publishing	2016
3.	Dr. M. Narendra Kumar	A Text Book on Basic Electrical and Electronics Engineering	978-3-659-41466-4	Labmbert Academic Publishing	2015
4.	Dr. Diana Moses	Feature Selection for Nominal, Categorical and ECG Data	978-93-85977787	Shanlax Publishers	2017
5.	Dr. Shaheen	Problem Solving & PYTHON Programming	978-81-90879-50-7	Sri Maruthi Publishers	2017
6.	Dr. Shaheen	Information Security	978-93-86258-96 – 0	VSRD Academic Publishing	2018
7.	Dr. Shaheen	Computer Programming		Excel Publications	2016
8.	Dr. Satish Kumar	Java for Beginners		Minfos systems	
9.	Dr.Murugan	Detection of Optic disk by line filter approach in retinal images		Springer	2017

3.8 No. of University Departments receiving funds from

UGC-SAP	CAS	DST-FIST	DPE	DBT Scheme/funds
--	--	--	--	--

3.9 For colleges

Autonomy	CPE	DBT Star Scheme	INSPIRE	CE	Any Other (specify)
--	--	--	--	--	--

3.10 Revenue generated through consultancy : -- Rs. 5,50,000/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	02				
Sponsoring agencies	SELF				

3.12 No. of faculty served as experts, chairpersons or resource persons: **15**

3.13 No. of collaborations

International	National	Any other
---	03	---

S.NO	TITLE	INSTITUTION/ ORGANIZATION	PURPOSE	TARGET STUDENTS	YEAR OF SIGNING	VALID TILL
1.	Embedded and Advanced VLSI Training	PS world	Research Projects	25	2016-17	Dec 2018
2.	Faculty Competency development	ICT Academy	FDPs, Seminars	150	2016-17	July 2018
3.	Knowledge management service	CL Media	Student technical writing skill development	100	2016-17	Jan 2018

3.14 No. of linkages created during this year : 03

3.15 Total budget for research for current year in lakhs :

From Funding agency	From Management of University/College	Total
5,50,000/-	3,00,000/-	8,50,000/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	---
International	Applied	--
	Granted	---
Commercialised	Applied	---
	Granted	---

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
		04				

3.18
No.

of faculty from the Institution

Who are Ph. D. Guides : 01

and students registered under them : 03

3.19 No. of Ph.D. awarded by faculty from the Institution : 02

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	SRF	Project Fellows	Any other
--	--	--	--

3.21 No. of students Participated in NSS events:

University level	State level	National level	International level
918	--	180	150

3.22 No. Of students participated in NCC events:

University level	State level	National level	International level
--	--	--	--

3.23 No. Of Awards won in NSS:

University level	State level	National level	International level
01	02	--	01

S.No.	Level	Date	Name of the Event	Name of the Award
1	National	18.09.2017	MEGA BLOOD CAMP	Appreciation From Governor of Telangana
2	University	03.02.2018	Youth Festival	1 st Prize In Debate
3	National	09.03.2018	Youth Festival	2 nd Prize In Debate
4	International	20.03.2018	Asia's largest Youth meet on "safe water for future"	Best Performance

3.24 No. Of Awards won in NCC: NOT APPLICABLE

University level	State level	National level	International level
--	--	--	--

3.25 No. of Extension activities organized

University forum	College forum	NCC	NSS	Any other
--	--	--	07	

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility.

S. No	Date	Name of the Program	Venue	No. of Participants
1	21.06.2017	3 rd International Yoga day	Seminar Hall at SPEC Campus	150
2	31.07.2017	MEGA HARITHA HARAM	Apparel Park & SPEC Campus	558
3	18.09.2017	Mega Blood Camp	Seminar Hall at SPEC Campus	185
4.	12.01.2018	National YOUTH Day	Ravindhra Bharathi	30
5.	25.01.2018	National Voters Day	Gundla Pochampally	150
6.	15.02.2018	NSS Orientation Day	Seminar Hall at SPEC Campus	124
7.	02.03.2018 to 08.03.2018	NSS Special Camp	Maisammaguda Adopted Village	51

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	10 acres	Basic engg worksho ps-2	SELF+FINANCE	4,14,000
Class rooms	49	----	SELF+FINANCE	
Laboratories	69	----	SELF+FINANAN CE	33,89,595
Seminar Halls	3-UG 4-PG	----	SELF+FINANCE	

No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	>16		SELF+FINANCE	
Value of the equipment purchased during the year (Rs. in Lakhs)	46,59,731	----	SELF+FINANCE	46,59,731
Others	----	----	----	----

4.2 Computerization of administration and library

- Administration Office: Office accounting activities done by Tally Software. The Library has adequate books and journals on all the courses offered in the university.
- In addition e-books, e-journals, e-resources are made available to the students. Bar-Coding: Computerized circulation with automation software “NewGenLib” bar-coding technology is implemented. All the books in the library have been bar-coded.
- Student attendance and performance can be monitored online by parents through SARA EDU database Software.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books&Reference Books	47,508	12,595,620	2,039	8,33,680	49,547	1,34,29,300
e-Books	----	----	2,019	1,00,300	----	1,00,300
Journals	1,038	15,74,665	136	2,28,564	1,174	18,03,229
e-Journals&IESTC	1,547	6,84,947	1,378	71,390	2,825	7,56,337
Digital Database	DELNET	11,500	----	13,570	----	25,070
CD & Video	2,876		19		2,895	
Others (specify)	--	--	20(racks)	92,000	20(racks)	92,000

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1002	26	130 MbPS	02	01	02	06	0
Added	60	05	25 MbPS + 25 Mbps	NIL	01	-	-	1

Total	1062	31	180 Mbps	02	02	02	06	1
-------	------	----	-------------	----	----	----	----	---

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

Being an Engineering College, staff members and students are having good awareness in the use of computers and internet. Institution is equipped with Wi-Fi internet connection facility.

4.6 Amount Spent On Maintenance In Lakhs :

i) ICT	1,50,000
ii) Campus Infrastructure and facilities	46,63,895
iii) Equipments	64,64,681
iv) Others	1,06,404
Total :	11,384,980

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC renders information and support that the students and the alumni need. It also ensures that the students are provided with skills and competencies needed for successful competition in the employment market.

IQAC creates awareness about Student Support Services through

- Awareness program on learner-centric environment where students are guided to write research papers.
- Self learning facilities at digital library and internet services
- Industry ready students.

5.2 Efforts made by the institution for tracking the progression

- Student profile collected by the concerned Departments.
- Seminars are conducted in classrooms in connection with curriculum.
- Internal marks of Students are recorded and compared it with their previous marks.
- Staff –in-charge for the classes monitor and help the students to improve their academic performance by counselling and keeps track of the attendance status of the

students in his/her class.

- Class teachers help the students regarding academic and non-academic matters when they approach them for any help.
- A healthy teacher-student relationship is maintained which helps the students to improve their academics.
- With the help of the SARA EDUCS system attendance is made easy and monthly statement of attendance is procured. The respective Heads of Departments give strict warning to the students who lack attendance which helps in improving the attendance.
- Parent-teacher meets are held at regular intervals and parents are apprised of their ward's academic performance and attendance position.

From the analysis it has been understood that 40% of the students, who passed UG, usually go for various PG programmes in different specialization in the same institution or different institutions. 40% of PG students who have successfully completed PG take their further academic progression. 20 % people go for GRE/GATE coaching centers. 60% of the students who have completed their UG and PG successfully generally take up job either through campus placement of through their personal efforts.

5.3 (a) Total Number of students:

UG	PG	Ph. D.	Others
2038	38	---	337

Total Number of Students

BRANCH	INTAKE	I-YR	II-YR	III-YR	IV-YR	TOTAL
CSE	180	179	169	157	168	673
ECE	180	163	114	130	181	588
EEE	60	81	87	90	116	374
MECH	120	42	62	47	59	210
CE	60	52	49	39	45	185
M.TECH CSE	18	4	11			15
EPS	24	8	15			23
ES	18	--	8			8
MD	18		--			
PE	24		--			
TOTAL	696	529	515	463	569	2076

DIPLOMA						
EEE	60	60	56	56		172

MECH	60	60	60	45	165
TOTAL					337

(b) No. of students outside the state : Nil

(c) No. of international students : Nil

Men

Women

No	%
478	65.2

No	%
255	34.75

Last Year (2016-17)						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
76	124	69	926	4	1273	261	287	105	632	0	1285

Demand ratio : 100%

Dropout % : 2.4

S.No	Roll number	Branch	Name of the student	Drop year
1	1368A0441	ECE	Jinson Varghese	III/I
2	14BK1A0212	EEE	Vidaboina Kranthi kumar	II/I
3	14BK1A03A3	MECH	Thota sai kiran	III/I
4	14BK1A04H0	ECE	S.Rohit Krishna	I
5	14BK1A05C1	CSE	A.Sridhar sai Prasad	II/I
6	14BK1A05H8	CSE	Y. Prashanth	III/I
7	15BK1A0311	MECH	CH. Ravi Teja	II/I
8	15BK1A0302	MECH	Ahmed Vadnagarwala	II/I
9	15BK1A0306	MECH	B.Pranay deep	II/I
10	15BK1A0313	MECH	D. Manish Kumar	II/I
11	15BK1A0323	MECH	K. Vinay Goud	II/I
12	15BK1A0354	MECH	A. Nitin Goud	II/I
13	15BK1A0367	MECH	Kona Srikanth	II/I
14	15BK1A0377	MECH	Mohd. Saleem khan	I
15	15BK1A0396	MECH	Y. Arvind kumar Yadav	II/I
16	15BK1A0515	CSE	D. Sai Krishna	II/I
17	15BK1A0535	CSE	Manoranjan Naidu	I
18	15BK1A0545	CSE	R. Shravan Kumar	I
19	15BK1A0554	CSE	T. Himakar	II/II
20	15BK1A0563	CSE	Ayush Sharma	III/I

21	15BK1A0593	CSE	M. Ravi Teja	III/I
22	15BK1A05B4	CSE	V. Yugender	II/I
23	15BK1A05E2	CSE	I. Sanjay Anand	II/I
24	15BK1A05G5	CSE	Shaik Azeez Rahman	II/I
25	15BK1A05H6	CSE	V. Narsingh Rao Rohan	I
26	15BK1A0479	ECE	K. Sanjay	II/I
27	15BK1A0218	EEE	K. Ravi kiran	I
28	15BK1A0113	CE	A. Govind Raj Sai	II/I
29	15BK1A0114	CE	G. Rohit Maruthi Goud	II/I
30	15BK1A0118	CE	G. Sai kiran	II/I
31	15BK1A0121	CE	G. Karthik	II/I
32	15BK1A0123	CE	K. Prashanth	II/I
33	15BK1D1517	M.TECH(CSE)	Y.Basava raju	I
34	16BK1A0553	CSE	Shivam Ramya	II/I
35	16BK1A05C6	CSE	B.Staines Victor	II/I
36	16BK1A05D2	CSE	Burgain kumar	II/I
37	16BK1A0455	ECE	S. Venugopal	II/I
38	16BK1A0463	ECE	A. Rakshak	I
39	16BK1A0481	ECE	G. Naveen	II/I
40	16BK1A04A0	ECE	M. Mahinath	II/I
41	16BK1A04A9	ECE	S. Pranaydeep	I
42	16BK1A0459	ECE	Venu yenna	I
43	16BK1A0328	MECH	P. Varun kumar	I
44	16BK1A0330	MECH	P. Rithwik	I
45	16BK1A0346	MECH	A. Yaswanth varma	I
46	16BK1A0357	MECH	J. Ravi teja	I
47	16BK1A0125	CE	Mohd. Abdul Shaheed	II/I
48	16BK1A0128	CE	Mohd. Sameerullah	II/I
49	16BK1D0712	M.TECH (CSE)	Vilas Karade	I
50	17BK1A0528	CSE	J. Mani prasad Reddy	I
51	17BK1A05D8	CSE	D. Sai Krishna	I
Total			51	

Total strength of B.TECH & M.TECH students: 2068

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The Training and placement cell is providing coaching to various competitive exams such as Banks PO, GATE, TOFEL, GRE and certification examinations.
- The Quantitative Aptitude and logical reasoning has been made mandatory for all students.
- The Materials required to prepare for competitive examinations are purchased and made

available to the students in the library.

Journals / Magazines related to competitive examinations are kept in the library

No. of students beneficiaries: 1539

Curriculum Development

S.No	Name of The Faculty	Curriculum Developed	No. of Hours/Week
1	Rajasekhar Naidu	Aptitude Material	1 Hour/Week
2	AmoghDesmukh	Programming Skills	1 Hour/Week
3	Avinash	Aptitude	1 Hour/Week
4	Srinivas Reddy	Soft Skills	1 Hour/Week

5.5 No. of students qualified in these examinations

NET	SET/SLET	GATE	CAT	IAS/IPS etc	State PSC	UPSC	GRE/TOEFL/PGECET
-	-	25	05	-	-	-	75

5.6 Details of student counselling and career guidance

- The college has a full-time student counselor Mr. Finny Abraham, who extends assistance to students with personal and psychological problems. Whenever necessary he recommends them for further counseling to psychiatrists and clinical psychologists.
- One mentor is provided for every 20 students to counsel their academic and welfare growth.
- Parents are informed regularly about their wards performance either through phone or SMS.
- Area – Academic, Personal problem, Grievances and Motivation for better performance
- Reporting - Monthly Report to the Head of Departments.
- Monitoring : HODs are responsible to monitor counseling and career guidance process
- The placement officer offers guidance regarding training and career options. He arranges campus interviews and recruitment drives by top notch companies.
- The alumni of the college who are placed in high positions in various organizations help in conducting job fairs and workshops. They help to place UG and PG students.
- TCS conducts training programmes and absorbs those who qualify.
- Soft Skills, Resume Writing and Personality Enrichment classes are conducted

to prepare the students for the job market.

No. of students benefitted : 1539

B.Tech IVth Year , Second Semester

INTENSIVE TRAINING PROGRAM FROM 18.12.2017 to 30.12.17

DAY	F.N	CSE – A	CSE – B	CSE – C	EEE	CIVIL
	A.N	ECE – A	ECE – B	ECE – C	MECH - A	MECH - B
MON	9.00 - 10.30 1.00 -2.30	TECH - R.K	APT – I	S.S & VER	APT - II	TECH - AMD
	10.45 - 12.20 2.45 - 4.20	APT – II	TECH – LN	APT – I	S.S & VER	TECH - HB
TUES	9.00 - 10.30 1.00 -2.30	APT – I	S.S & VER	TECH – AMD	TECH - LN	APT - II
	10.45 - 12.20 2.45 - 4.20	TECH – AMD	TECH – HB	APT – II	APT - I	S.S & VER
WED	9.00 - 10.30 1.00 -2.30	APT – I	S.S & VER	TECH - R.K	TECH - AMD	APT - II
	10.45 - 12.20 2.45 - 4.20	TECH - HB (FN) TECH - LN (AN)	TECH – AMD	APT – II	APT - I	S.S & VER
THURS	9.00 - 10.30 1.00 -2.30	S.S & VER	APT – II	TECH - LN(FN) TECH - AMD (AN)	TECH - HB	APT - I
	10.45 - 12.20 2.45 - 4.20	TECH - AMD (FN) TECH - LN (AN)	APT – I	S.S & VER	APT - II	TECH - HB(FN) TECH - AMD (AN)
FRI	9.00 - 10.30 1.00 -2.30	APT – II	TECH - R.K	APT – I	S.S & VER	TECH - LN
	10.45 - 12.20 2.45 - 4.20	APT – I	S.S & VER	TECH – AMD	TECH - HB(FN) TECH - LN (AN)	APT - II
SAT	9.00 - 10.30 1.00 -2.30	TECH – AMD	TECH - LN (FN) TECH - HB (AN)	APT - II	APT - I	S.S & VER
	10.45 - 12.20 2.45 - 4.20	S.S & VER	APT – II	TECH - HB (FN) TECH - LN (AN)	TECH - LN (FN) TECH - HB (AN)	APT - I
	APT –I	Mr. RAJA SEKHARA NAIDU			9866258237	
	APT – II	Mr. AVINASH			9490471007	
	TECH - AMD (19)	Mr. AMOGH DESHMUKH			9000569938	
	TECH - R.K (6)	Mr. RAJESH KUMAR (TPO)			8099457599	
	TECH - HB (12)	HIMA BINDU (CSE)			9491161282	
	TECH - LN	LAXMI NARAYANA (CSE)			8143136880	

(11)		
S.S & VERBAL	SRINIVAS REDDY	

5.7. Details of Campus Placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
19	726	328	8

COMPANY WISE SELECTED LIST IN CAMPUS RECRUITMENT DRIVES FOR THE ACADEMIC YEAR 2017-18

SL.NO	NAME OF THE COMPANY	DATE OF THE CAMPUS DRIVE	SELECTED	SALARY PACKAGE	MODE
1	Multiplier Solutions	11-09-2017	2	240000	ON
2	Efftronics	20-09-2017	1	300000	ON
3	APPS ASSOCIATES	20-10-2017	1	300000	ON
4	Think & Learn (BYJUS)	27-10-2017	12	800000	ON
5	Eleation	31-10-2017	1	180000	ON
6	C3I - Software IT Roles	11/11/2017	7	275000	ON
7	Amazon	17-11-2017	46	220000	ON
8	Surya Tech Solutions	20-12-2017	24	240000	ON
9	GENPACT	09-01-2018	16	150000	ON
10	C3I - Tech Support Associates	18-01-2018	4	350000	ON
11	YOGSHAN TECHNOLOGY	22-01-2018	6	225000	ON
12	Q-SPIDER	30-01-2018	12	250000	ON
13	PAYTM - App Dev.	31-01-2018	38	540000	ON

14	PAYTM - Sales	31-01-2018	76	216000	ON
15	RAPID ROBOTICS	01-02-2018	10	240000	ON
16	Campus MaRG	05-03-2018	63	315000	ON
17	Sital	14-03-2018	12	200000	ON
18	Trigent Software	03-04-2018	8	240000	ON
19	Tech Mahendra	14-04-2018	0	3,00,000	ON
20	ADOBE SYSTEMS	03-10-2017	1	1200000	OFF
21	Ezytm Technologies	04-12-2017	0	180000	OFF
22	O.C. Tanner India Pvt. Ltd	08-12-2017	0	400000	OFF
23	Value Momentum	22-12-2017	1	300000	OFF
24	Sankalp Semiconductor	28-12-2017	0	350000	OFF
25	Neemus Software Solutions Private Limited	01-12-2017	0	200000	OFF
26	Triant Software Solution Pvt Ltd	01-12-2017	0	180000	OFF
27	Inforica	21-12-2017	0	300000	OFF
28	Strata Geosystems	24-12-2017	0	240000	OFF
29	Bhavasoft	27-01-2018	0	180000	OFF
30	Huawei Technologies India Pvt.Ltd	31-01-2018	0	280000	OFF
31	Lekha Wireless	10-02-2018	0	350000	OFF
32	Academy Of Robotics	11-02-2018	0	300000	OFF
33	Conflux Technologies	15-02-2018	0	204000	OFF
34	NTT DATA	16-02-2018	4	300000	OFF
35	Global Shiksha	20-02-2018	0	360000	OFF
36	Rivigo	23-02-2018	0	300000	OFF
37	Hyundai Motors India Engineering Pvt. Ltd	24-02-2018	0	360000	OFF

38	Maker Global	27-02-2018	0	216000	OFF
39	Tech Mahendra	11-02-2018	1	275000	OFF
40	SVJ Developers	04-03-2018	0	240000	OFF
41	Hexaware Technologies	08-03-2018	0	250000	OFF
42	Mind Tree	08-04-2018	1	3,50,000	OFF

5.8 Details of gender sensitization programmes

- Women's cell and the SPEC culture play a major role in bringing revolutionary changes in the college and society. Girls are trained to take a lead role. It promotes gender equity and gender integration.

S.No.	Events	Date	Place	No. Of participants
1	Women's day	07/03/18 08/03/18	SPEC SPEC	97 81

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level	National level	International level
154	01	--

S.NO	NAME OF THE EVENT	PLACE&DATE	TOTAL NO OF PARTICIPANTS	State/ national/ International level
1	South India inter engineering collegiate (T-20) Cricket tournament	SR Engineering college, Warangal (3 rd to 9 th January)	15	State
2	State level sports meet- 2K18(cricket,volleyball,throw ball)	Tirumala engineering college,Hyderabad (19-23 February)	40	State
3	Sports Bout-2K17 (basket ball, volley ball)	Anurag group of institutions,Hyderabad (5 th and 6 th January)	24	State
4	State level engineering premier league(basket ball, volley ball)	CVR College of engineering (14 th Dec to 22 nd Dec)	24	State

5	Esporte'18 by Rotaract club of Gnits (foot ball,volley ball,basket ball)	GNITS,Hyderabad (18 th February)	39	State
6	10 th Indian open inter engineering collegiate sports fest- 2018(basket ball)	VNR VJIET,Hyderabad (31 st Jan and 1 st Feb)	12	State
7	South zone inter university handball tournament	Vijayawada	01	National

No. of students participated in cultural events

State/ University level	National level	International level
--	30	--

No. of students participated in Technical events

State/ University level	National level	International level
--	422	--

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports :

State/ University level	National level	International level
12	--	--

Cultural:

State/ University level	National level	International level
---	---	---

Technical:

State/ University level	National level	International level
---	63	---

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	2	1,30,000
Financial support from government	1260	5,16,90,000
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

Scholarship Proceedings of Students for Academic Year 2017-18

Sl. No	Students category	No. Of students	Amount Released
1	SC	120	Rs.78,00,000/-
2	ST	74	Rs. 48,10,000/-
3	BC	631	Rs. 2,20,85,000/-
4	EBC	376	Rs. 1,31,60,000/-
5	MW	59	Rs. 38,35,000/-
Total		1260	Rs. 5,16,90,000/-

5.11 Student organised / initiatives

Fairs		
State/ University level	National level	International level
01	--	--

Exhibition: State		
State/ University level	National level	International level
--	01	--

S.No	Name of Department	No. Of events	No. Of students participated
1	ECE	3	107
2	EEE	5	128
3	MECH	5	45
4	CSE	5	120
5	Civil	4	40
6	S & H	5	325

5.12 No. of social initiatives undertaken by the students: 03

S.No	Date	Name of the Program	Venue	No.of Participants
1	31.07.2017	MEGA HARITHA HARAM	Apparel Park & SPEC Campus	558

2	18.09.2017	Mega Blood Camp	Seminar Hall at SPEC Campus	185
3	02.03.2018 to 08.03.2018	NSS Special Camp	Maisammaguda Adopted Village	51

5.13 Major grievances of students (if any) redressed: ____Nil_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To promote quality education accessible to all sections of the Society without any discrimination of caste, creed, colour, sex and religion and help students discover their true potential.

Mission

- To provide integrated, continuous and wholesome development of students by equipping them with knowledge and skills, social values and ethics, scientific attitude and orientations for lifelong education and mould them into useful citizens of the society.
- To create an environment conducive to inhibiting their total involvement and participation of the students, faculty, staff and management. In making the institution into a centre of excellence imparting quality technical education and also arms the students with the competence to be at the forefront of cutting edge technology and entrepreneurship in highly competitive global market.

6.2 Does the Institution has a management Information System

- Yes. The institution has MIS in certain areas like 1.Library, 2.Administrative office 3. Students' feedback analysis on faculty members 4.Students attendance recording and monitoring and 5. Examination cell.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Other than the prescribed syllabus by JNTUH, IQAC ensures that faculty identifies gaps and topics beyond the syllabus.
- The identified topics are further well scrutinized by department academic committee and are henceforth implemented.
- Course objectives are mapped with the course outcomes. The results of mid exams were mapped with course outcomes and the achievement levels are indexed.

6.3.2 Teaching and Learning

- To ensure quality teaching innovative methodologies are used by faculty in the classrooms. Workshops and FDP programs are conducted to faculty so that they can

develop their innovative teaching skills.

- Role play
- NPTEL video lectures
- Learning through mini projects
- Model building
- Group discussions
- Student presentations
- Case studies
- Project works

6.3.3 Examination and Evaluation

- Since the college is affiliated, examination and evaluation are as per university regulations.

S.No.	2016-17	2017-18	Quality improvement
1	Only One paper for each subject for mid exam	Three sets of question paper for each subject irrespective of common subject	Students will be forced to read all the topics improving their ability to write external exams well.
2	As only one paper was given by faculty the same was used for mid exams	Principal selects one among the three question paper given by faculty on the date of exams	Confidential among the question papers will be increase which in turn increases the competence of writing the exams by students
3	No hand book	Hand book consists of syllabus, previous question papers, important exam questions both subjective and objective, examination rules and regulations	The students will be aware of different types of question styles with level of toughness and also gets the information of most repetitive topics In external exams
4	Only 4 questions were given in question paper out of which only two has to be answered	The paper pattern is changed. Each question paper should have 4 questions. Each question should have multiple questions. Those multiple questions of each question should be from different	Now the faculty has to give the questions covering all the units, forcing the students to prepare for complete syllabus making them to face competitive exams without fear.

		unit	
5	Question paper was given with only marks	Question paper consists of questions with marks, co mapping, blooms taxonomy	The competence in giving the question papers by faculty will be improved. At the same time students can identify the toughness level of the questions given in the question paper. The students will identify the outcome of the course question paper after writing the exam and scoring the marks
6	Award list consists of the total marks scored in objective, subjective and assignment	Award list consists of how many marks scored for objective, assignment and marks scored by student for each question in subjective,	This gives the faculty to calculate the assessment level for their course attainment
7	No proper uploading of mid marks and external marks	As and when the exam branch receives the marks, result both internal and external they are immediately uploaded to SARA website	The parents will monitor their wards performance through sara website and gives a chance for them to take necessary actions from their side to improve their wards performance
8	No proper department coordinators for exam branch	Exclusive department coordinators are available in exam branch	using the exclusive department coordinators timely information regarding the exams are informed to their corresponding students and departments. Making the students to be aware of the exam time schedules and make themselves ready to face them.

6.3.4 Research and Development

- Faculty and students are encouraged to publish research papers in reputed journals and present research papers in Conferences.
- Faculty members are motivated to register for Ph.D with universities.
- Incentives are provided for faculty members for research activity i.e. publication and presentation of research papers

6.3.5 Library, ICT and physical infrastructure / instrumentation

The Institute has ensured

- Upgrade the computers in library.

- Access to digital information.
- Up gradation of number of books and journals.
- Upgrade the E-learning sources.
- Smart Classrooms.
- Incubation centre.
- NPTEL Learning.

6.3.6 Human Resource Management

- The institute has a standard Human resource Policy.
- Pay to the faculty is as per norms.
- Faculty attendance is monitored on a daily basis through a biometric system.
- Annual Performance appraisal is recorded and appraisal is based upon the performance.
- Faculty and Staff recruitment are based on merit.
- Seminars / trainings are conducted to train the newly recruited.
- Workshops are conducted for the new faculty during the start of the academec year and during semester break.
- Several internal workshops are held to train the faculty and staff to enable them to update their knowledge.
- IQAC creates awareness among faculty regarding quality parameters.
- Grievances of faculty and students can be presented in the grievance cell headed by senior faculty.

6.3.7 Faculty and Staff recruitment

- Advertisement inviting applications from qualified candidates is published in leading newspapers.
- Recruitment is done as per AICTE/University norms.
- Faculty with relevant specialization and higher knowledge and experience are given preference.
- The process of selection includes interview by the Selection Committee and demonstration lecture.
- Ratification of faculty is conducted by the University selection committee.

6.3.8 Industry Interaction / Collaboration

Number of MOU's is entered with industries

- Guest lectures
- Industry visits

- Personality development and grooming sessions
- Placement sessions
- Summer Internships evaluation process

6.3.9 Admission of Students

- A state level entrance examination EAMCET is conducted for admissions into UG and PGECET is conducted for admission into PG courses.
- Admissions under Category - A- through State Level Common Entrance Examination and Counselling conducted by the State Government.
- Admissions under Category - B - Merit based and transparently conducted by the college as per the guidelines of state government.

6.4 Welfare schemes for

Staff & Students	Accidental Insurance for all people travelling by college bus.
Teaching	Group Insurance.
Non teaching	Group Insurance.
Students	Cash Awards

6.5 Total corpus fund generated: Rs.21,890,241/-

6.6 Whether annual financial audit has been done

YES	NO
✓	

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUH, Third party agencies	Academic Council	IQAC Members
Administrative	Yes	JNTUH, Third party agencies	Yes	IQAC Members

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes	
YES	NO
	✓

For PG Programmes	
YES	NO
	✓

External Examinations Results Date (A.Y.2017-18)

Year	Semester	Exam Date	Results Date	Duration(Days)
I	I	16/12/2017	23/02/2018	70
II	I	4/12/2017	19/02/2018	76
III	I	2/12/2017	14/02/2018	73
IV	I	7/12/2017	05/02/2018	59
IV	II	26/4/2018	22/05/2018	56

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Since the college is affiliated, there is no scope for examination reforms

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- Applied for autonomous and submitted the application through University. University recommendation is in process.

6.11 Activities and support from the Alumni Association

- One Alumni association meeting is held on 20th January 2018 with 100 Alumni participation. Alumni Associations organized five programmes at college level for the benefit of students -especially on grooming young professionals.

6.12 Activities and support from the Parent – Teacher Association

- Institute collect regular feedback from the parents and they actively participate in meetings. One parent-teacher meet happened on 14/10/2018 where they have shared their views for the welfare of our college. One Orientation program was held 29/07/2018 on and the inaugural address was given by Sri.Ahmed.Siddique CEO.Tech Mahindra.

6.13 Development Programmes for Support Staff

- For the supportive staff at college level Training programmes on computer applications, filing, accounts etc., are organized periodically.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The college campus is eco-friendly with lot of greenery.

- Solar panel installed.
- Green campus revolution taken up by planting trees in the campus.
- Clay Ganesha distributed as an awareness program during Vinayaka Chaturthi.

- Water harvesting soak pit is constructed.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- ✓ A new Incubation centre is established for research innovations.
- ✓ More encouragement to participate in co-curricular activities like paper presentations and Project competitions have brought in laurels like,
 - Participation in “Smart India Hackathon 2017”.
- ✓ 3 of our students teams have won “ Best solar car award”
- ✓ Mentoring junior teachers for meticulous preparation is one of the best practices taken up in our college.
- ✓ Motivation and assistance through NPTEL has made large number of our students and staff to improve their knowledge and presentation skills.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year


Plan of Action	Action Taken
Quality of faculty trainings and sabbaticals to be upgraded	More effort was put in to find industries and institutions where faculty would get knowledge enrichment. Number and quality of the trainings have improved.
Suitable rewards for faculty involving in research publications	For every paper published in Scopus indexed journals, an incentive of Rs.5000 is given.
Library resources to be upgraded.	Included more number of journals and books along with up gradation of Digital library.
Action for Feedback results	Teachers with low score and with concerns expressed by students were counselled. Teachers who have good scores and feedback were appreciated in all Faculty Meetings.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

BEST PRACTICE – I

TITLE OF THE PRACTICE: STUDENT FOLLOW- UP PROGRAM (SFP)

Goal	Student follow up program is an opportunity to the faculty to understand the students academically and personally. SFP is an activity which improves the quality and standard of the student by taking views from the student community as well as make the parent aware of the student progress. SFP helps faculty members to analyze the student’s performance in all aspects throughout the period of course and it also serves as a feedback mechanism to understand the quality of teaching of the faculty members.
The Context	The students who join in the college are from different backgrounds like, Medium of instruction, different levels of knowledge and different regions. The main aim of education system is to bring all students whatsoever their backgrounds may be, on to a same platform and expect the students to learn concepts, communicate their views in global language effectively. Hence these students need a counseling and proper guidance. Faculty need to understand each student and solve his/her problem to make them successful at the end of the course. Hence this motivated us to SFP. This is also called as Faculty Advisory System/Faculty Mentoring System in our college.
The Practice	In this program 16-20 students are allotted to each faculty. The faculty is responsible for monitor students’ activities such as academic support, like clarifying their doubts, if they face any difficulties in other subjects intimate to the respective faculties to clarify their doubts, giving suggestions to reach their goals in proper way. Updating each student personal details and academic details in records. Periodically students performance sheet will be send it to their parents. Periodically records are checked by individual branch in charges, HoDs and Principal. A prior permission from the advisor is made mandatory before taking leave and if the student is absent without permission the same is intimated to the parent on the same day.

	 <pre> graph LR A[20 Students] --> B[Individual Staff Mentor] B --> C[Department Counseling Incharge] C --> D[HOD] D --> E[Principal] </pre>												
Evidence of Success	<p>The SFP has created a good impact on students, a good change in student's behavior. They learn to set goals and accomplish it. It gives a confidence, responsibilities & commitment in the students.</p> <table border="1" data-bbox="431 709 1312 1014"> <thead> <tr> <th>Academic Year</th> <th>2015-16</th> <th>2016-17</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>No. of disciplinary issues</td> <td>-</td> <td>3</td> <td>2</td> </tr> <tr> <td>I Year Student Performance</td> <td>28%</td> <td>37%</td> <td>41%</td> </tr> </tbody> </table>	Academic Year	2015-16	2016-17	2017-18	No. of disciplinary issues	-	3	2	I Year Student Performance	28%	37%	41%
Academic Year	2015-16	2016-17	2017-18										
No. of disciplinary issues	-	3	2										
I Year Student Performance	28%	37%	41%										
Problems encountered & resources required	<ul style="list-style-type: none"> Change of address is an issue because of which student performance is not properly intimated to the parents. To solve this issue the contact number and address is periodically updated by the student. Though, this practice has created a very strong impact on student community as a whole, still few students are not able to come out of their personal inhibition. The mentors (faculty in charge) counsel the students individually to understand their needs. 												

BEST PRACTICE – II

TITLE OF THE PRACTICE: FACULTY DEVELOPMENT PROGRAMS FOR BETTER PERFORMANCE

Goal	Faculty development programme for better performance in teaching and research.
The context	It has been observed that the students output was not up to the expectations of the

	<p>parents and the management. This may be due to various reasons like that all are not exceptional who can focus well on studies. Their thinking may be influenced by previous experiences of inability to listen and think carefully and analytically due to several maladies in the Indian education system. The challenging task is to see the students pay full attention during class and lab work. These features are possible in any individual. To make the student to concentrate more, teacher's presentation must be in tune with the thinking of the students. At this juncture, both the student and teacher need to put efforts to synchronize the teaching and learning process which enhances the grasping capability of the student.</p>
<p>The practice</p>	<p>Several technical talks, training programmes on pedagogy dealing with knowledge tools at different levels are conducted. In order to motivate in adoption of latest pedagogical techniques various approaches are adopted. Famous guest speakers are invited from other reputed educational and research institutes like IIT, NIT, Central University, BITS Hyderabad and DRDO for delivering the lectures on teaching techniques and other engineering topics. This creates an awareness of certain unknown concepts and skills of presenting the known concepts of technical subjects. Industry professionals during their presentation create interest in practical work in the mind of teachers which in turn could be transferred to the students. Every time it is highly essential to create awareness for new technologies, real life experimental situations and skills of creating interest in the minds of the students.</p>
<p>Evidence of success</p>	<p>The following parameter reveals the rate of success:</p> <ul style="list-style-type: none"> ● Academic results. ● Evaluation of the results. ● Performance against targets, Reviews. ● Approach college academic council for any changes in academic regulation and curriculum. ● The performances were reviewed for every 6 months and the feedbacks from students have shown good improvement

Problems encountered & resources required	S.No	Problem encountered	Resource required
	1	Variation in academic level at entry point	Bridge courses, tutorial classes and remedial classes are conducted
	2	Variation in medium of instruction at (10+2) system.	Separate English classes arranged for the students of local medium of learning
	3	Few of new recruits are fresh graduates	Through faculty induction, orientation and FDP programme faculty is trained.
	4	In house main project, mini project and seminars by senior faculty	Laboratory and library facilities are upgraded
		Promotional avenues	Promotions are considered regularly
Contact details	<p>Name of the College: St.Peter's Engineering College</p> <p>City: Maisammaguda, Near Kompally, Hyderabad, Pincode:500010</p> <p>Name of the Principal : Dr.M.Narendra kumar</p> <p>Website : www.stpetershyd.com</p> <p>E-mail : principal@stpetershyd.com</p> <p>Mobile: 9959222268</p>		

7.4 Contribution to environmental awareness / protection

- ✓ Election Polling Awareness
- ✓ Celebration of "World Earth Day"
- ✓ Conduct of "Swaccha Baharat" in the College campus

✓ Health awareness created by conducting National Yoga day.

7.5 Whether environmental audit was conducted?

YES	NO
✓	

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis) SWOC analysis of the department and Future plans

STRENGTHS:

1	Good Lab And Internet Facilities
2	Enthusiastic Students
3	Motivating Faculty
4	30 % Industry experienced Faculty

WEAKNESSES

1	Development Of Entrepreneurship Cell
2	Need Of Patents & IEEE papers.
3	Faculty Interaction With Outside World is limited

OPPURTUNITIES

1	Access Of IEEE Journals
2	Utilization Of E-Journals

CHALLENGES

1	To Develop the departments to meet the industrial standards
2	Meeting The Current Technologies that Keep Changing Everyday
3	Improve the Student Performance both in attendance and academics
4	Recruitment of efficient Faculty and senior faculties.

8. Plans of institution for next year

1. Receiving funds from funding agencies like UGC,AICTE.
2. Having collaborations with research consultancy agencies .

Name **Dr. M.Sharada Varalakshmi**



Signature of the Coordinator, IQAC

Name **_Dr.M. NarendraKumar**



Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure I
YEAR PLANER
Academic Year 2017-18

S.No	Month & Year	Auditee
1	June 2017	1. College Academic Committee 2. Time-Table/Admissions 3. Purchase/Stores 4. Transport Committee 5. Canteen Committee /House-Keeping/Hygiene/Sanitation 6. Course files 7. Personal files
2	July 2017	1. Department Associations committee 2. Library 3. Electrical/Computer Network Maintenance committee 4. Boys Hostel Committee 5. Girls Hostel Committee
3	August2017	1. Medical
4	Sept2017	1. Student Counseling / Grievances Redressal Committee (Discipline)
5	Oct2017	1. Training, Placements and Career Guidance Cell 2. R&D and Consultancy
6	Nov2017	1. Attendance 2. Syllabus status 3. Examinations
7	Dec2017	1. Public Relations, Press, Media& Publication Committee 2. General Maintenance Committee
8	Jan 2018	1. Cultural Committee 2. Sports & Games 3. Social Welfare (BC/SC/ST) 4. Industry Institute Partnership Cell
9	Feb 2018	1. NSS Committee
10	Mar 2018	1. Professional Societies activities committee 2. EDC
11	April2018	1. Website/ICT/Internet Committee 2. Women welfare /Sexual harassment eradication cell 3. Syllabus status 4. Attendance Registers 5. Examinations
12	May 2018	1. Faculty/Staff Grievance 2. Right to information cell 3. Alumni Association Coordination Committee

Annexure II

Analysis of EMPLOYEE FEEDBACK 2017-2018

S.NO		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
1	Form 1	4	5	3	3	4	2	4	5	4	5	3	4	3	5	4
2	Form 2	3	4	3	4	4	5	5	4	5	4	5	4	5	4	5
3	Form 3	3	4	3	3	3	4	5	3	4	5	4	3	5	3	4
4	Form 4	4	3	4	5	3	4	3	4	5	3	4	5	5	3	4
5	Form 5	4	2	4	1	3	5	3	4	4	3	5	3	3	4	5
6	Form 6	4	5	3	3	4	4	2	3	4	3	3	4	4	3	4
7	Form 7	4	4	5	4	5	5	5	4	5	5	4	4	5	5	4
8	Form 8	3	4	4	1	2	2	3	2	3	2	3	2	2	3	3
9	Form 9	3	4	3	3	4	5	4	5	3	4	5	3	4	5	4
10	Form 10	3	5	4	3	4	5	4	3	5	4	3	5	4	3	5
11	Form 11	4	5	4	5	4	5	4	4	5	5	4	5	4	5	4
12	Form 12	4	5	4	4	3	5	4	5	3	4	4	5	3	4	5
13	Form 13	4	3	4	5	4	5	5	4	4	4	5	5	4	3	5
14	Form 14	4	5	4	4	3	4	4	3	4	4	4	4	3	5	5
15	Form 15	4	5	5	4	3	4	5	5	5	4	4	4	5	5	5
	TOTAL	55	63	57	52	53	64	60	58	63	59	60	60	59	60	66
	Average Assesment	3.67	4.2	3.8	3.47	3.53	4.27	4	3.87	4.2	3.93	4	4	3.93	4	4.4

EXCELLENT- >5, VERY GOOD->3.5 -< 5, GOOD- >3.0 -<3.5, SATISFACTORY- >2- <3.0, POOR- < 1

Observation:

It is observed that some of our students are not up to the mark in communication skills.

It is observed that the application of subject into practical has to be improved.

Plan of Action:

Soft skills classes are included in the regular class work timetable.

Hands on workshops are conducted every semester to enhance the practical knowledge of the student.

Analysis of Parent FEEDBACK 2017-2018

S.No	Parent	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
1	B.Saidulu	4	5	3	3	4	5	3	4	5	3	4	5	5	3	5
2	V.Ravinder	3	4	5	5	4	3	4	3	5	3	4	5	3	4	5
3	C.Ashok	3	4	4	3	5	4	4	5	5	5	4	4	4	5	5
4	D.veerayya	3	4	4	4	5	4	4	5	4	5	4	3	3	4	4
5	D.Ravikumar	3	4	4	4	5	4	4	5	4	5	4	3	3	4	4
6	D.Shankar	3	4	3	3	5	4	3	5	4	5	4	5	5	4	3
7	G.Satish	4	3	5	3	4	5	3	4	5	4	3	5	4	3	4
8	G.Ramarao	4	3	4	5	4	5	3	3	3	4	5	3	4	5	3
9	Madhusudhan	5	4	4	4	5	4	5	5	4	5	3	4	5	4	5
10	Naresh babu	3	3	4	4	3	4	4	3	3	3	5	4	4	3	3
11	Cyrac Methew	4	3	5	4	4	3	4	4	3	5	4	3	4	4	5
12	Satyanarayana	4	3	5	4	4	3	4	4	3	5	4	3	4	4	3
13	Govind	2	3	3	3	3	2	3	3	3	4	3	2	3	2	3
14	Chanra Mouli	3	4	4	2	3	3	2	3	4	4	3	2	4	3	4
15	Sadanada	3	4	3	1	5	2	3	3	4	3	2	2	2	3	4
16	Jhonson	5	4	3	3	2	1	2	3	4	2	2	3	1	2	3
17	Gowri	4	4	2	3	4	5	3	4	3	5	3	4	5	4	3
18	Total	69	63	68	58	69	61	58	64	66	68	59	62	63	61	66
19	Average	4.06	3.70	4	3.41	4.06	3.59	3.41	3.7	3.88	4	3.5	3.6	3.71	3.59	3.88

EXCELLENT- >5, VERY GOOD->3.5 -< 5, GOOD- >3.0 -<3.5, SATISFACTORY- >2- <3.0, POOR- < 1

Observation:

It is observed that some students are lacking practical knowledge.

It is observed that some students are unable to apply fundamentals on engineering subjects

Plan of Action:

Hands on workshops are conducted every semester to enhance the practical knowledge of the student.

Bridge courses are conducted to improve the fundamental knowledge.

Analysis of Alumni FEEDBACK 2017-2018

S.NO	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	13BK1A0501	4	5	3	3	4	2	4	5	4	4	3	4	3	5	4	2
2	13BK1A0509	3	4	3	4	4	5	5	4	5	4	5	4	5	4	5	5
3	13BK1A0512	3	4	3	3	3	4	5	3	4	4	4	3	5	3	4	4
4	13BK1A0516	4	3	4	5	3	4	3	4	5	4	4	5	5	3	4	4
5	13BK1A0552	4	2	4	1	3	5	3	4	4	4	5	3	3	4	5	5
6	13BK1A0570	2	5	3	3	4	4	2	3	4	4	3	4	4	3	4	4
7	13BK1A0575	2	4	5	4	5	5	5	4	5	5	3	4	5	5	4	5
8	13BK1A0576	3	4	4	1	3	5	4	2	3	2	4	3	3	3	3	5
9	13BK1A0581	3	4	4	3	3	5	5	5	4	4	3	3	4	5	4	5
10	13BK1A0583	3	5	4	4	4	4	4	3	4	4	4	5	4	3	3	4
11	13BK1A0589	4	5	4	4	3	5	5	4	4	5	3	5	4	5	3	5
12	13BK1A0595	4	5	4	4	4	4	4	5	4	4	4	5	3	4	5	4
13	13BK1A05A0	3	3	4	5	3	5	5	4	4	4	3	5	4	3	5	5
14	13BK1A05A9	3	5	4	4	3	4	4	3	4	4	4	4	3	5	4	4
15	13BK1A05B2	4	5	5	4	3	5	5	5	4	4	3	4	5	5	4	5
16	13BK1A05C0	4	4	3	4	4	4	4	3	4	4	4	4	5	4	5	4
17	13BK1A05C3	4	5	3	4	4	3	5	3	3	3	5	5	4	3	4	3
18	13BK1A05D4	4	5	3	4	4	3	4	4	4	5	5	5	4	5	5	3
19	13BK1A05H1	4	5	5	4	4	3	5	3	4	5	5	5	5	4	5	3
20	13BK1A05H6	3	5	4	4	4	3	5	5	5	5	5	4	3	3	4	3
		87	76	76	72	72	82	86	76	82	82	79	84	81	79	84	82
	TOTAL	4.35	3.8	3.8	3.6	3.6	4.1	4.3	3.8	4.1	4.1	3.95	4.2	4.05	3.95	4.2	4.1
	AVERAGE ASSESSMENT	4	5	3	3	4	2	4	5	4	4	3	4	3	5	4	2

EXCELLENT- >5, VERY GOOD->3.5 -< 5, GOOD- >3.0 -<3.5, SATISFACTORY- >2- <3.0, POOR- < 1

Observation:

It is observed that students are lacking skills in developing prototypes.

It is observed that emphasis on professional ethics and communication skills need to be improved.

Plan of Action:

Hands on workshops are conducted every semester to enhance the practical knowledge of the student.

Soft skill classes are included in the regular timetables for all the sections right from second year to improve their communication skills.

Analysis of Student FEEDBACK 2017-2018

sub		S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20		
FE	P1	4	5	4	5	4	5	5	5	4	4	5	5	5	3	3	4	4	4	5	4	4.35	
	P2	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80	
	P3	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00	
	P4	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25	
	P5	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10	
	P6	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10	
	P7	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90	
	P8	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75	
	P9	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00	
	P10	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10	
DSS	P1	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80	
	P2	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00	
	P3	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25	
	P4	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10	
	P5	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10	
	P6	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90	
	P7	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75	
	P8	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00	
	P9	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10	
	P10	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25	
EE	P1	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10	
	P2	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10	
	P3	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90	
	P4	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75	
	P5	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00	
	P6	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10	
	P7	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80	
	P8	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00	
	P9	4	5	4	5	4	5	5	5	5	4	4	5	5	5	3	3	4	4	4	5	4	4.35
	P10	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80	
TE1	P1	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00	
	P2	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25	
	P3	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10	
	P4	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10	
	P5	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90	
	P6	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75	
	P7	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00	
	P8	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10	
	P9	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80	
	P10	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00	

EIA	P1	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25
	P2	3	4	3	5	4	4	4	5	5	5	5	4	2	4	5	2	4	5	4	4	4.10
	P3	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00
	P4	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25
	P5	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10
	P6	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10
	P7	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90
	P8	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75
	P9	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00
	P10	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10
SAII	P1	3	4	3	3	5	5	3	5	4	4	5	4	5	2	4	4	2	3	4	4	3.80
	P2	3	2	4	3	4	4	4	5	5	4	5	4	3	5	4	5	3	4	5	4	4.00
	P3	3	5	4	4	5	5	4	5	4	3	5	5	3	5	4	5	4	3	5	4	4.25
	P4	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10
	P5	3	4	3	5	4	4	4	5	5	5	5	5	4	2	4	5	2	4	5	4	4.10
	P6	3	5	3	4	5	4	3	5	4	4	5	3	5	2	4	5	4	5	5	4	4.10
	P7	4	3	4	4	4	4	4	5	4	4	5	3	5	2	3	4	3	4	5	4	3.90
	P8	2	5	4	5	3	5	4	5	3	4	5	3	1	4	3	5	2	3	5	4	3.75
	P9	2	5	4	5	4	5	4	5	4	4	5	3	3	3	2	5	5	3	5	4	4.00
	P10	3	5	5	4	4	5	3	5	4	4	5	3	4	5	4	5	2	3	5	4	4.10

Observation:

Average of SA subject is 3.75 which needs revision.

Average of DSS subject is 3.75 which needs improvement in using best and innovative teaching methodologies.

Plan of Action:

Revision classes are conducted in SA subject.

It is advised to the faculty to utilize the NPTEL lecture videos in the classes.

P1	1.Punctuality of Faculty
P2	2. Subject knowledge
P3	3. Teaching with Innovative ideas & Subject materials
P4	4. Audibility & Clarity of Expression (Communication)
P5	5. Ability to maintain discipline in class
P6	6. Clarification of doubts
P7	7. Implementation of Audio-Video equipment in the class.
P8	8. Subject revision.
P9	9. Syllabus coverage within allotted time.
P10	10. Sharing experience and introducing emerging trends.