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

> Sri Venkateswara College of Engineering

1.2 Address Line 1

> Post Bag #1

Address Line 2

> Pennalur

City/Town

> Sriperumbudur Taluk

State

> Tamil Nadu

Pin Code

> 602117

Institution e-mail address

> principal@svce.ac.in

Contact Nos.

> 044 - 27152000 (20 Lines), 27163783, 27163784, 27163785, 27107016

Name of the Head of the Institution:

> Dr. R.PARTHIBAN

Tel. No. with STD Code:

> 044-27152105

Mobile:

> 9884488302

Name of the IQAC Co-ordinator:

Dr. K.S.BADRINATHAN

Mobile:

9840807665

IQAC e-mail address:

iqac@svce.ac.in

1.3 NAAC Track ID *(For ex. MHCOGN 18879)*

TNCOGN13672

1.4 NAAC Executive Committee No. & Date:
   (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)

EC/66/RAR/020

1.5 Website address:

www.svce.ac.in

Web-link of the AQAR:

http://www.svce.ac.in/iqac

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	1st Cycle	B	2.93	2008	2013
2	2nd Cycle	B	2.93	2014	2019
3	3rd Cycle	---	---	---	---
4	4th Cycle	---	---	---	---

1.7 Date of Establishment of IQAC :   DD/MM/YYYY

27/08/2010

1.8 AQAR for the year *(for example 2010-11)*

2014-2015

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

    i.   AQAR 2009-2010 submitted to NAAC on 27.8.2010
   ii.   AQAR 2010-2011 submitted to NAAC on 25.8.2011
  iii.   AQAR 2011-2012 submitted to NAAC on 24.8.2012
  iv.   AQAR 2012-2013 submitted to NAAC on 27.8.2013
   v.   AQAR 2013-2014 submitted to NAAC on 18.7.2014

1.10 Institutional Status

University   State ☐   Central ☐   Deemed ☐   Private ■

Affiliated College   Yes ■   No ☐

Constituent College   Yes ☐   No ■

Autonomous college of UGC   Yes ☐   No ■

Regulatory Agency approved Institution   Yes ■   No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ■   Men ☐   Women ☐

    Urban ■   Rural ☐   Tribal ☐

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 (Specify)   .

1.12 Name of the Affiliating University *(for the Colleges)*   Anna University, Chennai

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   NIL

University with Potential for Excellence   NIL   UGC-CPE   NIL

DST Star Scheme   NIL   UGC-CE   NIL

UGC-Special Assistance Programme   NIL   DST-FIST   NIL

UGC-Innovative PG programmes   NIL   Any other (*Specify*)   NIL

UGC-COP Programmes   NIL

2. IQAC Composition and Activities

2.1 No. of Teachers   7

2.2 No. of Administrative/Technical staff   1

2.3 No. of students   1

2.4 No. of Management representatives   1

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and

   community representatives   1

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts   1

2.9 Total No. of members   14

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.   1   Faculty   1

Non-Teaching Staff Students `0` Alumni `0` Others ☐

2.12 Has IQAC received any funding from UGC during the year?   Yes ☐   No ■

   If yes, mention the amount ☐

2.13 Seminars and Conferences (only quality related)

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

   Total Nos. `Nil`   International ☐   National ☐   State ☐   Institution Level ☐

   (ii) Themes   `Nil`

2.14 Significant Activities and contributions made by IQAC

   `NIL`

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 *

Plan of Action	Achievements
Introduction of ICT based teaching	All class rooms with LCD projectors

   * *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body   Yes ■   No ☐

   Management ■   Syndicate ☐   Any other body ☐

   Provide the details of the action taken

   `NIL`

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
PhD	**11**	NIL	NIL	NIL
PG	**10**	NIL	NIL	NIL
UG	**10**	NIL	NIL	NIL
PG Diploma	NIL	NIL	NIL	NIL
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	NIL	NIL	NIL	NIL
Certificate	NIL	NIL	NIL	NIL
Others	NIL	NIL	NIL	NIL
Total	**31**	NIL	NIL	NIL

Interdisciplinary	NIL	NIL	NIL	NIL
Innovative	NIL	NIL	NIL	NIL

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

Pattern	Number of programmes
Semester	22
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders*   Alumni ☐   Parents ☐   Employers ☐   Students ■
   (On all aspects)

   Mode of feedback   :   Online ■   Manual ☐   Co-operating schools (for PEI) ☐

*Please provide an analysis of the feedback in the Annexure

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

> College is affiliated to Anna University, Chennai. The university has adopted Regulations 2013 for all UG and PG courses during this academic year.

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

> Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
321	228	41	42	10

2.2 No. of permanent faculty with Ph.D.

77

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
51	2	9	7	6	1	3	0	69	10

2.4 No. of Guest and Visiting faculty and Temporary faculty

2   1   1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	28	11	39
Presented papers	45	18	12
Resource Persons	0	0	15

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

Every class room is provided with LCD projector and screen. All the lectures are taking through Microsoft Power Point. All junior teachers are monitored and mentored by senior professors of the department and corrective actions taken when necessary. The college has instituted a Centre of Innovative Teaching Methods (CITM), through which training in teaching is given to all new teachers every year.

2.7 Total No. of actual teaching days during this academic year

180

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

College follows Anna University Rules

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

9   5   15

2.10 Average percentage of attendance of students

| 86.8 |

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	958	5.64	63.67	9.92	---	79.23

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

The college has instituted a Centre for Innovative Teaching Methodologies (CITM), through which a programme is conducted for newly recruited and teachers with less experience. Senior faculty members of the college and personnel from training centres like NITTTR conduct quality improvement programmes at the start of every academic year. The college has constituted an

Academic Monitoring Committee (AMC), wherein senior professors are directed to monitor other faculty members. Each member has been associated with a department and the member monitor teachers regularly. They visit them during regular class without prior intimation and assess the teaching learning process. Improvements required, if any, are advised to corresponding faculty member based on the report received from the committee. All the faculty members are monitored throughout the semester.

IQAC coordinates with the institute on these activities and evaluates the teaching-learning process. IQAC members are also members of AMC.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	9
UGC – Faculty Improvement Programme	13
HRD programmes	19
Orientation programmes	1
Faculty exchange programme	2
Staff training conducted by the university	8
Staff training conducted by other institutions	10
Summer / Winter schools, Workshops, etc.	30
Others	27

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	22	0	1	1
Technical Staff	68	1	2	0

Criterion – III

3. Research, Consultancy and Extension

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

One of the objectives of the institution is research. All faculty members are encouraged to take up research and related activities. Faculty members are awarded cash prize for publications made in peer-reviewed journals. 20% of the faculty members of every department are allowed to take up Ph.D programme, either as part time or full time. All doctorate degree holders are encouraged and guided to apply for research projects to various funding agencies. The institution has been successful in receiving many grants from various national funding agencies during this academic year.

Incentives are given to faculty members, who receive research funding from various agencies, after successful completion of the project. All Ph.D degree holders are paid incentives every month, which is given after completion of the year cumulatively.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	1	0	11
Outlay in Rs. Lakhs	7.85	68.14	0	143

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	0	0	10
Outlay in Rs. Lakhs	1.05	0	0	4.9

3.4 Details on research publications

	International	National	Others
Peer Review Journals	187	12	-
Non-Peer Review Journals	28	0	-
e-Journals	52	0	-
Conference proceedings	52	32	-

3.5 Details on Impact factor of publications:

Range $0 - 5.525$ Average 1.72 h-index 94.75 Nos. in SCOPUS 111

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
Major projects	--	--	--	--
Minor Projects		Institution of Engineers	80,000/-	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	1	80,000/-	--

3.7 No. of books published   i) With ISBN No.   [1]   Chapters in Edited Books   [3]

ii) Without ISBN No. [1]

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   [10.115 Lakhs]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	--	3	--	--	--
Sponsoring agencies		ATS, AVL, SMS, Dynalec, Everest Electrical Enterprises Pvt. Ltd., .Chennai, Cauvery Power Generation Pvt. Ltd., Chennai, SVCE.			

3.12 No. of faculty served as experts, chairpersons or resource persons: 47

3.13 No. of collaborations International -- National 2 Any other --

3.14 No. of linkages created during this year 7

3.15 Total budget for research for current year in lakhs :

From Funding agency -- From Management of University/College 60.75

Total 60.75

3.16 No. of patents received this year: *NIL*

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
19	1	0	0	6	0	13

3.18 No. of faculty from the Institution
who are Ph. D. Guides 46
and students registered under them 136

3.19 No. of Ph.D. awarded by faculty from the Institution 05

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

JRF 1 SRF -- Project Fellows -- Any other --

3.21 No. of students Participated in NSS events:

University level 70 State level 30

National level --- International level ---

3.22 No. of students participated in NCC events:

University level 50 State level 79

National level 21 International level 35

3.23 No. of Awards won in NSS:

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

3.24 No. of Awards won in NCC:

University level	---	State level	2
National level	---	International level	---

3.25 No. of Extension activities organized

University forum	---	College forum	25		
NCC	17	NSS	7	Any other	2

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

a. Clean-ups
b. Art from waste
c. Sparrow survey and Nest box donation
d. Tree saplings planting
e. Microhabitat formation (Butterfly Garden)
f. Orphanage visits
d. Donation of old cloths, materials etc to the needy

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	94 Acres	Nil	NA	---
Class rooms	91	7	Corpus Fund	530.25 lacs
Laboratories	64	18	Corpus Fund	1799.19 lacs
Seminar Halls	13	---	--	---
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	---	63 LCD Projectors	Corpus Fund + Alumni	31.51 lacs
Value of the equipment purchased during the year (Rs. in Lakhs)	---	---	---	---
Others	---	---	---	---

4.2 Computerization of administration and library

A separate student database is maintained. It includes continuous assessment test results, university results, student information, etc.

The books can be renewed online by faculty members. All users can search books through computers from anywhere in the campus.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	83,188	2,72,00,000	5,445	37,20,000	88,633	3,09,20,000
Reference Books	5,162	1,08,00,000	140	11,18,000	5302	1,19,18,000
e-Books	363	1,41,050	606	1,52,045	606	1,52,045
Journals	303	17,33,840	270	8,26,901	270	8,26,901
e-Journals	735	21,76,226	720	23,16,431	720	23,16,431
Digital Database	--	--	--	--	--	--
CD & Video	246	2,95,000	--	--	246	2,95,000
Others (specify)	1725	Free CDs	200	Free CDs	1925	Free CDs

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1149	409	592	108	3	12	171	12
Added	75	16	32	5	0	0	1	7
Total	1224	425	624	113	3	12	178	19

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

Student's attendance is entered online through a dedicated facility. The marks of Continuous assessment tests are entered online. Academic details like time table, lesson plan, lab plan, transport details, placement related details and announcements, issue of exam hall tickets etc. are updated online regularly.

Class notes are uploaded in intranet for download by students.

Students are given internet account at a nominal cost. All computers are linked to a network. Student and employee details are available in Central Information System.

4.6 Amount spent on maintenance in lakhs :

i) ICT
3.92

ii) Campus Infrastructure and facilities
822

iii) Equipment
160.65

iv) Others
NIL

Total :
986.57

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

NIL

5.2 Efforts made by the institution for tracking the progression

Students performance is monitored through Continuous Assessment Test and attendance are monitored.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4171	**480**	**140**	**---**

(b) No. of students outside the state

96

(c) No. of international students

Men
No	%
3359	70.11

Women
No	%
1432	29.89

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
328	99	25	874	02	1328	310	98	15	723	04	1150

Demand ratio - 1   Dropout % - 0.01

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

NIL

No. of students beneficiaries

NIL

5.5 No. of students qualified in these examinations

NET --   SET/SLET --   GATE 30   CAT 03

IAS/IPS etc --   State PSC --   UPSC --   Others 181

5.6 Details of student counselling and career guidance

> A batch of 25 students is attached to a faculty advisor, who takes them through the course from the first year. The person maintains close contact with the respective batch and monitors the progress of each student. In addition to the academic performance, the faculty advisor gives guidance and counseling as needed by the students. Once in a month the faculty advisor compulsorily meets the students and updates the students on recent academic details as well as seeks feedback from them regarding academic and other activities. The faculty advisor discusses these points with the authorities concerned and communicates back the remedial action taken.
>
> Class committee meetings (comprising of all the faculty members handling class, class representatives and a chairman)are conducted, thrice in a semester, to assess the academic performance of every class. All academic related issues are discussed, both from faculty and student end, and suitable corrective action taken.
>
> Once in a semester, a parent's meet is arranged to have an open discussion regarding their ward's progress, as well as for seeking feedback from the parents on specific issues. Every year, a counselor training program is organized by the college, where new faculty advisors are trained by an external therapeutic counselor.

No. of students benefitted   4651

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
74	564	547	11

5.8 Details of gender sensitization programmes

> Women's day celebrated every year by all lady staff and students.

5.9 Students Activities

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

State/ University level   85   National level   ---   International level   ---

No. of students participated in cultural events

State/ University level   300+   National level   International level

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

Sports: State/ University level `02`   National level `05`   International level `---`

Cultural: State/ University level `10`   National level `1`   International level `---`

5.10 Scholarships and Financial Support

	Number of students	Amount in Lakhs
Financial support from institution	195	64.349
Financial support from government	124	61.24
Financial support from other sources	65	5.55
Number of students who received International/ National recognitions	--	--

5.11   Student organised / initiatives

Fairs   : State/ University level `---`   National level `---`   International level `---`

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

5.12   No. of social initiatives undertaken by the students   `25`

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 BE A LEADER IN HIGHER TECHNICAL EDUCATION AND RESEARCH BY PROVIDING THE STATE OF ART FACILITIES TO TRANSFROM THE LEARNERS INTO GLOBAL CONTRIBUTORS AND ACHIEVERS

MISSION: TO DEVELOP SVCE AS A "**CENTRE OF EXCELLENCE"** OFFERING ENGINEERING EDUCATION TO MEN AND WOMEN AT UNDERGRADUATE AND POSTGRADUATE LEVELS, BRINGING OUT THEIR TOTAL PERSONALITY, EMPHASISING ETHICAL VALUES AND PERPARING THEM TO MEET THE GROWING CHALLENGES OF THE INDUSTRY AND DIVERSE SOCIETAL NEEDS OF OUR NATION

6.2 Does the Institution has a management Information System

YES. Separate department was established in the academic year 2012-2013 and the department is headed by a senior Professor deputed form the Department of Information Technology. It houses the central information service, where all academic related details of the students and updated profile of the faculty and staff members are stored and maintained.

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

6.3.1 Curriculum Development

Since the college is affiliated to Anna University, Chennai, it abides to the changes in curriculum as prescribed by the university. Many of our teachers are members of board of study and curriculum development of the university.

6.3.2 Teaching and Learning

Centre for Innovative Teaching Methodology and Academic Monitoring Committee together ensure better teaching and learning avenue in the classroom. Multimedia aid like smart board, LCD projector and over head projector are available in every department to facilitate effective teaching of theoretical and numerical problem oriented subjects. All classrooms have been provided with dedicated LCD projectors. In laboratories where centralised demo is required to be given to students, especially in computation labs, dedicated LCD projectors are available. All these are monitored continuously for development in teaching and learning process.

College follows the rules and regulations of Anna University, Chennai. Students are evaluated by end semester examination, which is converted to 80 marks. The remaining 20 marks are calculated from the three Continuous Assessment Tests conducted during a semester.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library is fully computerized in aspect of book issue, renewal and search. In addition to physical copies, college has subscribed to various e-journals in various disciplines of engineering.

A dedicated department for information management is running with required personnel. College has a 44 Mbps internet line. All faculty and staff members are given an individual email id in the domain. Apart from the mail space, all faculty members are given space in respective department server for data storage.

College management is committed to provide the required physical infrastructure and instruments immediately to fulfil the requirements. Anna University, Chennai adopted new regulations for current academic year. All the required equipments were procured and labs updated to meet the requirement. The college initiated construction of a class room complex, which houses 32 class rooms. This new block will be operational during next academic year. Construction of two new hostel blocks, an open air theatre and an auditorium was completed. Construction of new library block and canteen has also been planned

6.3.6 Human Resource Management

All faculty and staff member are encouraged to upgrade their technical qualification. In this regard many faculty members are sponsored to pursue post graduate or research degree. Staff members are encouraged to do certified courses, diploma and under graduate degree. The college proudly can say that many of our staff members, who started their career as lab technician/instructor with diploma qualification, are now pursuing B.E / M.E / Ph.D. They have also been promoted to appropriate positions in respective departments.

6.3.7 Faculty and Staff recruitment

The college has a policy of recruiting members with PG or Ph.D degree for faculty position. Staff recruitment is done based on the position to be filled. Possession of respective degree and relevant experience is one of the major criterion for recruitment

6.3.8 Industry Interaction / Collaboration

Industrial objective is one of the five major objectives of college.
  - To motivate students to undertake in-plant training in industries, 10% of students shall undergo In-plant training in every semester.
  - 30% of students shall do industrial relevant final year projects work.
  - 5% of faculty members shall undergo industrial training at least once in every year.
  - Organize once in a year workshop / seminar in collaboration with industry by each department.
  - The College shall generate a minimum of Rs.1, 00,000 per year from industrial consultancy work.
  - Every department shall arrange 3 Industrial Visit per year.

The college was successful in achieving the following during the academic year.
230 – Student projects in industries
386 – In-plant training
12 – MoU
 52 – Guest lectures
19 – Training

6.3.9   Admission of Students

The college is currently in its 30th academic year. This is one of the premier self financed engineering colleges in the state of Tamil Nadu. The college has very good reputation amongst the student community. Many students aspire to get admitted to the college. The students are admitted through a centralised admission by the affiliated university and directly by the management. The students that get admitted to the institute mostly possess top cut-off marks.

6.4 Welfare schemes for

Teaching	Group insurance, Incentives for paper publication, Medical leave, maternity leave, incentive for funded projects, Long service award(10,20,25yrs), PF,Gratuity, free management seat for faculty children
Non teaching	ESI, PF, free management seat for faculty children, Long service award(10,20,25yrs)
Students	Group insurance

6.5 Total corpus fund generated   Rs.2000 lacs

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	ISO	YES	Internal auditors with Management Representative
Administrative	YES	ISO	YES	Internal auditors with Management Representative

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

For UG Programmes   Yes ■   No ☐

For PG Programmes   Yes ■   No ☐

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

> Many of the senior professors are member of Board of Study of Anna University, Chennai. This forum is generally used to register the views and recommendations for examination reforms.

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

> The college is currently in its 30th academic year and has continuously affiliated. The college has applied for autonomy status with the university during the current academic year.

6.11 Activities and support from the Alumni Association

> Our Alumni Association is very supportive and active. The association meets twice (August and January) in a year in the campus. Members of the alumni association have instituted awards and scholarships to deserving students under different category. Many of our faculty members are alumnus of this esteemed institution.

6.12 Activities and support from the Parent – Teacher Association

> The management arranges for a parent – teachers meet once in a semester during a weekend. The parents are identified and invited by faculty advisors of all the departments. Student's academic performance, university results, attendance and other related issues are discussed. This would be followed by meeting of parents with Principal of the college.

6.13 Development programmes for support staff

> Various technical specific programmes are arranged for supporting staff every year. Apart from this general training is given on handling fire fighting equipments, computer tools like MS-Office, email etc.

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

The campus has green lush vegetation, which has been developed over the years. Gardeners are appointed in the campus to maintain grass lawns, plant and tress. The college has a sewage treatment plant. The water produced in this plant is used to water the vegetation. As a policy, college does not allow cutting down trees. They are only trimmed as and when required. Every year many new saplings are planted.

Three different (coloured) dust bins are used in campus to collect different types of garbage. The college has developed a facility to produce fuel from plastics. This facility was developed by students as a project funded by the institution.

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.

> Slow learners and needy students were identified in each class of every academic department. These students were given special coaching after college hours every day during the semester. At the end of semester classes, a crash course was conducted to these students with emphasize on clearing the final exams. This resulted in increase in overall pass percentage.
>
> The management installed LCD projectors in as many classes as possible apart from the over head projectors available in each department. This enabled the teachers to efficiently teach those subjects which otherwise have been difficult to explain. These multimedia gadgets helped play animations of many engineering mechanisms and fundamentals.

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

> In order to take the Teaching Learning Process to a higher level, the college has converted all the class rooms into multi-media class rooms. The entire faculty are using Power Point as their teaching method. The teachers are assessed and trained by Centre for Innovative Technology Methods (CITM).
>
> The college plans to establish a digital library in addition to the existing one.
>
> The OAT which was under construction has been completed.
>
> A full -fledged new library block is being constructed at a cost of Rs.25 crores (approx.)

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

> (i) To enhance research potential of faculty members
>
> (ii) To enhance Scholarship to students

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

- **January'14**

40 students from Pennalur middle school received solar powered lamps from Lumin-Aid as a part of C.A.R.E's Clean and green energy campaign. The objective of this activity is to take clean and green technology to the most deserving communities.

Members of C.A.R.E have organized the junk art event for SVCE Highways and as a prelude to the event and to encourage participants created 3 junk art models from the junk collected from the campus.

- **February'14:**

Cleanup:

96 students participated in a campus cleanup activity which resulted in 57bags of plastic and paper and 13bags of plastic bottles. The collected plastic bottles will be used to make a junk model that will be put to public use.

- **Project AWARE:**

Stickers on conserving energy, water and waste management will be put all across the college campus in an effort to Duce wasting of resources.

Campus Clean-up CARE initiated a Campus Clean-up on 4th February 2014. Ninety Six volunteers collected 57 bags of plastic and paper and 13 bags of plastic bottles. The Volunteers have plans to use these bottles to create junk art and display it in the Campus.

- **The Kabadiwalla Connect Project**

CARE partnered with GlobalShapers, an initiative of the World Economic Forum headquartered in Geneva, Switzerland, and conducted a city-wide to survey on the Saturday, 22 February, 2014 and mapped the scrap dealers in the city. An app specially developed for this project was used for the data collection.

The project focused on documenting all the scrap dealers in the city. The objective is to promote recycling by making the society aware of its existing facilities as our city generates 4500 tonnes of garbage every day and everything ends up in the landfill. But 40% of the waste (i.e. plastic, paper and metal scrap) can be recycled or up cycled.

- SVCE wins Handprint Challenge: a Sustainability Challenge for Colleges in Asia-Pacific
- The members of CARE have been selected as one among 20 finalists of the Handprint Challenge: a Sustainability Challenge for Colleges in Asia-Pacific, organized by the South Asia Youth Environment Network (SAYEN) in association with UNertia, supported by United Nations Environment Programme (UNEP). The project 'Creation of a Microhabitat for Butterflies' – which is to create a butterfly garden in the College Campus will receive an initial seed funding of US$ 750 to initiate the project.

http://sayen.org/sayen/userfront/Creation-of-a-Microhabitat-for-Butterflies-India.pdf
http://www.thehindu.com/news/cities/chennai/chen-society/butterfly-garden-wins-accolades-from-un/article6528422.ece

7.5 Whether environmental audit was conducted?   Yes*   No

* in progress

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Nil

8. **Plans of institution for next year**

> ➢ Completion of new library building.
>
> ➢ Obtain autonomous status.
>
> ➢ Issue electronic tablets to all teachers to enhance classroom teaching.
>
> ➢ Make all class rooms equipped with speakers.
>
> ➢ Develop more linkages with industries and foreign institutions.

Name Dr.K.S.BADRINATHAN   *Name Dr.R.PARTHIBAN*

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

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 II

TWO BEST PRACTICES

(i)   To enhance research potential of faculty members

The college offers 10 UG and 11 PG programs in various engineering departments. It is the responsibility of the faculty members to inculcate effective learning methodology in their students to understand various engineering applications. In order to achieve this all the classrooms are fitted with LCD projectors and faculty are requested to teach using PPT only.

The Management encourages the faculty members to publish the research papers, attending National/International conferences and to carry out consultancy work. The faculty members are encouraged by providing cash incentives to those who publish research articles in National /International journals.

Faculty members are sponsored to attend the National/International conferences in India/Abroad. The cash incentives are provided to those. Many MOUs are signed with industries to carry our consultancy and research activities. MOUs are also signed between foreign universities also to expose the faculty members to the current research areas.

The number of PhD degree holders in the institution has been increased considerably. The results of the above said practice increases the number of papers published by the faculty members. A lot of funded research projects have been sanctioned to our institution for doing the research by the faculty members.

The faculty members are finding it difficult to spare time to carry out this type of activities due to their academic commitment. Staff quarters are in proposal, to encourage the faculty members to stay in the campus to carry out their research work. Laboratories, e-learning facility and computer aided packages are required for which contribution from the Management and money collected from the sponsoring institution have been used.

(ii)   To enhance Scholarships to students

The aim of this practice is to provide the financial support to those who have problem in paying the tuition and other fees. This will help the deserving students to continue their studies without any financial burden.

Some of the students are meritorious, but not capable of paying the tuition and other fees due to their financial conditions. It is the responsibility of the institution to see those students are also completing their course without any difficulties.

The institution also offers full semester tuition fees scholarship based on merit cum means, economic means and excellence in sports and NCC activities. Apart from this college has Rs.62 Lakhs as scholarship fund as on 31st March 2014, sponsored by various trust and individuals. The interest accruing on this fund is also utilized for giving assistance to purchase books and instruments.

The exit feedback from those students clearly indicates the true success of the scholarship schemes. The institution does not face any problem to identify the deserving students to receive scholarships.

ACADEMIC CALENDAR 2014 – 15

JULY 2014

1	Tue	
2	Wed	College reopens for senior classes
3	Thu	
4	Fri	
5	Sat	
6	Sun	
7	Mon	
8	Tue	
9	Wed	
10	Thu	
11	Fri	
12	Sat	
13	Sun	
14	Mon	
15	Tue	
16	Wed	
17	Thu	
18	Fri	
19	Sat	
20	Sun	
21	Mon	
22	Tue	
23	Wed	
24	Thu	
25	Fri	
26	Sat	
27	Sun	
28	Mon	
29	Tue	Ramzan – Holiday
30	Wed	
31	Thu	

AUGUST 2014

1	Fri	
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tue	CAT-I for seniors
13	Wed	CAT-I for seniors
14	Thu	CAT-I for seniors
15	Fri	Independence Day – Holiday
16	Sat	
17	Sun	Krishna Jayanthi
18	Mon	Professional Association Symposium
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	Professional Association Symposium
24	Sun	
25	Mon	Professional Association Symposium
26	Tue	
27	Wed	
28	Thu	
29	Fri	Vinayagar Chaturthi – Holiday
30	Sat	
31	Sun	

SEPTEMBER 2014

1	Mon	Professional Association Symposium
2	Tue	
3	Wed	
4	Thu	
5	Fri	
6	Sat	Parent Teachers Meet for seniors Professional Association Symposium
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	
14	Sun	
15	Mon	
16	Tue	
17	Wed	CAT-II for seniors and CAT-I for Juniors
18	Thu	CAT-II for seniors and CAT-I for Juniors
19	Fri	CAT-II for seniors and CAT-I for Juniors
20	Sat	
21	Sun	
22	Mon	
23	Tue	CAT-II for seniors and CAT-I for Juniors
24	Wed	CAT-II for seniors and CAT-I for Juniors
25	Thu	CAT-II for seniors and CAT-I for Juniors
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	

OCTOBER 2014

1	Wed	
2	Thu	Gandhi Jayanthi & Ayutha Pooja– Holiday
3	Fri	Vijayadasami – Holiday
4	Sat	
5	Sun	Bakri Id
6	Mon	CAT-III for seniors
7	Tue	CAT-III for seniors
8	Wed	CAT-III for seniors
9	Thu	CAT-III for seniors
10	Fri	CAT-III for seniors
11	Sat	CAT-III for seniors, Parent Teachers Meet for Juniors
12	Sun	
13	Mon	
14	Tue	
15	Wed	Commencement of practical examination for seniors
16	Thu	
17	Fri	
18	Sat	
19	Sun	
20	Mon	
21	Tue	
22	Wed	Deepavali – Holiday
23	Thu	
24	Fri	
25	Sat	
26	Sun	
27	Mon	
28	Tue	
29	Wed	
30	Thu	
31	Fri	

NOVEMBER 2014

1	Sat	
2	Sun	
3	Mon	
4	Tue	Muharram – Holiday
5	Wed	Last working day for senior classes/ CAT-II for Juniors
6	Thu	CAT-II for Juniors
7	Fri	CAT-II for Juniors
8	Sat	
9	Sun	
10	Mon	Commencement of end semester Examinations for seniors
11	Tue	CAT-II for Juniors
12	Wed	CAT-II for Juniors
13	Thu	CAT-II for Juniors
14	Fri	
15	Sat	
16	Sun	
17	Mon	
18	Tue	
19	Wed	
20	Thu	
21	Fri	
22	Sat	
23	Sun	
24	Mon	
25	Tue	
26	Wed	
27	Thu	
28	Fri	
29	Sat	
30	Sun	

DECEMBER 2014

1	Mon	
2	Tue	CAT-III for Juniors
3	Wed	CAT-II for Juniors
4	Thu	CAT-II for Juniors
5	Fri	
6	Sat	
7	Sun	
8	Mon	Practical Examination for Juniors
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	
14	Sun	
15	Mon	
16	Tue	
17	Wed	
18	Thu	
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	
25	Thu	Christmas – Holiday
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	
31	Wed	

JANUARY 2015

1	Thu	New Year – Holiday
2	Fri	Reopening day for Senior classes
3	Sat	Milad-un-Nabi – Holiday
4	Sun	
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	
11	Sun	
12	Mon	
13	Tue	
14	Wed	
15	Thu	Pongal – Holiday
16	Fri	Thiruvalluvar day and Uzhavar Thirunal – Holiday
17	Sat	Kaanum Pongal - Holiday
18	Sun	
19	Mon	College reopens for Juniors
20	Tue	
21	Wed	
22	Thu	
23	Fri	
24	Sat	
25	Sun	
26	Mon	Alumni Meet at Chennai, Republic Day – Holiday
27	Tue	
28	Wed	
29	Thu	
30	Fri	Graduation Day
31	Sat	

FEBRUARY 2015

1	Sun	
2	Mon	
3	Tue	
4	Wed	
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	
11	Wed	CAT- I for seniors
12	Thu	CAT- I for seniors
13	Fri	CAT- I for seniors
14	Sat	
15	Sun	
16	Mon	
17	Tue	CAT- I for seniors
18	Wed	CAT- I for seniors
19	Thu	CAT- I for seniors
20	Fri	
21	Sat	
22	Sun	
23	Mon	
24	Tue	
25	Wed	CAT- I for Juniors
26	Thu	CAT-I for Juniors
27	Fri	CAT- I for Juniors
28	Sat	

MARCH 2015

1	Sun	
2	Mon	
3	Tue	CAT- I for Juniors
4	Wed	CAT-I for Juniors
5	Thu	CAT- I for Juniors
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	
11	Wed	CAT- II for Seniors
12	Thu	CAT-II for Seniors
13	Fri	CAT- II for Seniors
14	Sat	Parents Teacher Meet for Seniors
15	Sun	
16	Mon	
17	Tue	CAT- II for Seniors
18	Wed	CAT-II for Seniors
19	Thu	CAT- II for Seniors
20	Fri	
21	Sat	Telugu New Year's Day - Holiday
22	Sun	
23	Mon	
24	Tue	CAT-II for Juniors, NCC and Sports Day
25	Wed	CAT-II for Juniors
26	Thu	CAT-II for Juniors
27	Fri	CAT-II for Juniors
28	Sat	Parents Teacher Meet for Juniors
29	Sun	
30	Mon	
31	Tue	CAT-II for Juniors

APRIL 2015

1	Wed	CAT-II for Juniors
2	Thu	Mahavir Jayanthi – Holiday
3	Fri	Good Friday – Holiday
4	Sat	
5	Sun	
6	Mon	CAT-III for Seniors
7	Tue	CAT-III for Seniors
8	Wed	CAT-III for Seniors
9	Thu	CAT-III for Seniors
10	Fri	CAT-III for Seniors
11	Sat	CAT-III for Seniors
12	Sun	
13	Mon	
14	Tue	Tamil New Year/Dr B R Ambethkar Birthday – Holiday
15	Wed	Practical Exam starts for Seniors
16	Thu	
17	Fri	
18	Sat	
19	Sun	
20	Mon	CAT-III for Juniors
21	Tue	CAT-III for Juniors
22	Wed	CAT-III for Juniors
23	Thu	CAT-III for Juniors
24	Fri	CAT-III for Juniors
25	Sat	CAT-III for Juniors
26	Sun	
27	Mon	Practical Exam starts for Juniors
28	Tue	
29	Wed	
30	Thu	

MAY 2015

1	Fri	May Day - Holiday
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tue	
13	Wed	
14	Thu	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	
24	Sun	
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	
30	Sat	
31	Sun	

JUNE 2015

1	Mon	
2	Tue	
3	Wed	
4	Thu	
5	Fri	
6	Sat	
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	
14	Sun	
15	Mon	
16	Tue	
17	Wed	
18	Thu	
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	
25	Thu	
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	

ANALYSIS OF EXIT students FEEDBACK QUESTIONNAIRE
Consolidated data of 1162 samples (2015 batch)

Sl.No	Questionnaire	Options			
		a	b	c	d
1	How do teachers manage classes?	853	250	55	4
2	How are practical sessions handled?	504	551	96	11
3	How far have your faculty encouraged and supported your co-curricular activities?(paper presentations, GDs, etc.,)	483	486	129	24
4	How are your department computer facilities?	657	385	99	21
5	How far have the following associations helped in Improving your technical competence and organizing skills?				
	(i) Professional (ISTE,IEE etc.,)	436	591	53	55
	(ii) Extracurricular(NSS, ROTARACT etc.,)	364	542	81	129
6	How do you find discipline in the college?	89	360	679	34
7	How are the following student service facilities?				
	(i) Office personnel	314	691	93	44
	(ii) Transport services	265	424	244	203
	(iii) Sports facilities	400	490	185	64
	(iv) Hostel facilities	287	431	261	74
	(v) Canteen				
	(1) Space	764	360	-	-
	(2) Food	187	404	398	150
	(3) Staff behaviour	405	652	49	28
	(vi) Library				
	(1) Technical books – number and range of titles	1041	105	-	-
	(2) General books – number and range of titles	994	149	-	-
	(3) Staff behaviour	502	597	35	12
8	How is the general infrastructure of the college?	612	500	39	11
9	How good are the placement efforts done by the college?	732	259	92	40
10	Will you recommend your college to your siblings/friends?	534	372	207	49

CONSOLIDATED OUTCOME

Questionnaire	Major response
How do teachers manage classes?-	**Very instructive, useful**
How are practical sessions handled?	**Good**
How far have your faculty encouraged and supported your co-curricular activities?(paper presentations, GDs, etc.,)	**Good**
How are your department computer facilities?	**Good**
How far have the following associations helped in Improving your technical competence and organizing skills?	
(i) Professional (ISTE,IEE etc.,)	**To some extent**
(ii) Extra curricular(NSS, TOTARACT etc.,)	**To some extent**
How do you find discipline in the college?	**Appropriate**
How are the following student service facilities?	
(i) Office personnel	**Good Cooperation**
(ii) Transport services	**Good**
(iii) Sports facilities	**Good**
(iv) Hostel facilities	**Good**
(v) Canteen	
(1) Space	**Sufficient**
(2) Food	**Good**
(3) Staff behaviour	**Good Cooperation**
(vi) Library	
(1) Technical books – number and range of titles	**Sufficient**
(2) General books – number and range of titles	**Sufficient**
(3) Staff behaviour	**Good Cooperation**
How is the general infrastructure of the college?	**Excellent**
How good are the placement efforts done by the college?	**Very Good**
Will you recommend your college to your siblings/friends?	**Definitely Recommend**