# SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHA VIDYALAYA

Established u/s 3 of UGC Act 1956 | Accredited By NAAC with 'B' Grade Enathur, Kanchipuram, Tamil Nadu - 631 561





# **ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

2015-2016

# **CONTENTS**

S. NO	TITLE	PAGE NO.
	$\mathbf{PART} - \mathbf{A}$	
1.	Details of the Institution	1
2.	IQAC Composition & Activities	3
	DADÆ D	
	PART – B	
3.	Criterion – I: Curricular Aspects	8
4.	Criterion – II: Teaching, Learning and Evaluation	10
5.	Criterion – III: Research, Consultancy and Extension	14
6.	Criterion – IV: Infrastructure and Learning Resources	18
7.	Criterion – V: Student Support and Progression	22
8.	Criterion – VI: Governance, Leadership and Management	27
9.	Criterion – VII: Innovations and Best Practices	36

## PART - A

## **AQAR** for the year (for example 2013-14)

**July 2015 to June 2016** 

1. Details of the Institution
-------------------------------

1.2 Address Line 1 Sri Jayendra Saraswathi Street, College Road

Address Line 2 Enathur

City/Town Kanchipuram

State Tamil Nadu

Pin Code 631561

Vice-chancellor: vc@kanchiuniv.ac.in

Institution e-mail address Registrar: registrar@kanchiuniv.ac.in

IQAC Cell: iqac@kanchiuniv.ac.in

Contact Nos. Vice-chancellor 044-27264301

Registrar 044-27264308

IQAC Director 044-27264458

Name of the Head of the Institution: **Prof. Dr. V.S. Vishnu potty** 

Tel. No. with STD Code: 044-27264301 (office) 044-27264285 (residence)

Mobile: 9445783508

Name of the IQAC Co-ordinator: **Prof. Dr. K. V. S. N. Murthy** 

Mobile: 9944902672

IQAC e-mail address: IQAC@kanchiuniv.ac.in

1.3 <b>N</b>	AAC Track	(For ex. MH	COGN 18879	)				
OR  1.4 NAAC Executive Committee No. & Date:  (For Example EC/32/A&A/143 dated 3-5-2 This EC no. is available in the right corner- of your institution's Accreditation Certifica				004. Lottom	&A/135 dated 21-2-2	2014		
1.5 Website address:				www.kanchiu	www.kanchiuniv.ac.in			
Web-	link of the A	QAR:		www.kanchiu	niv.ac.in/iqac/report	ts.html		
1.6 A	ccreditation	Details						
	Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period		
	1	1 <sup>st</sup> Cycle	В	2.53	2014	Up to 2019		
	2	2 <sup>nd</sup> Cycle						
	3	3 <sup>rd</sup> Cycle						
	4	4 <sup>th</sup> Cycle						
Accre	editation by li. AQAR 2	NAAC ((for examulation)) 014-15 submitte	nple AQAR 20 d to NAAC on	010-11submitted	AC after the latest to NAAC on 12-10-2 Y)			
1.9 In	stitutional S	tatus						
Univ	rersity	S	tate	Central	Deemed 🗸	Private		
Affili	ated College	e Y	es	No 🗸				
Cons	tituent Colle	ge Y	es	No 🗸				
Auto	nomous colle	ege of UGC Y	es	No 🗸				
		cy approved Insti CI, MCI, <u>CCIM</u>		Yes 🗸	No			
Type	of Institution	n Co-educ	ation 🗸	Men	Women			
		Urban		Rural 🗸	Tribal			

Financial Status Grant-in-aid	UGC 2(f) UGC 12B
Grant-in-aid + Self Fir	nancing Totally Self-financing
1.10 Type of Faculty/Programme	
Arts Science Commer	ce Law PEI (Phys Edu)
TEI (Edu) 🗸 Engineering 🗸	Health Science ✓ Management ✓
Others (	Specify) Sanskrit and Indian Culture
1.11 Name of the Affiliating University (for the	Colleges) NOT APPLICABLE
1.12 Special status conferred by Central/ State C	dovernment UGC/CSIR/DST/DBT/ICMR etc
Autonomy by State/Central Govt. / Univ	versity NO
University with Potential for Excellence	UGC-CPE
DST Star Scheme	UGC-CE
UGC-Special Assistance Programme	DST-FIST
UGC-Innovative PG programmes	any other (Specify)
UGC-COP Programmes	
2. IQAC Composition and Activities	
2.1 No. of Teachers	07
2.2 No. of Administrative/Technical staff	03

## AQAR 2015-2016

2.3 No. of students						
2.4 No. of Manager	ment representatives 01					
2.5 No. of Alumni						
2. 6 No. of any other Community re						
2.7 No. of Employe	ers/ Industrialists					
2.8 No. of other Ext	ternal Experts 01					
2.9 Total No. of me	mbers 12					
2.10 No. of IQAC r	neetings held					
2.11 No. of meeting	gs with various stakeholders: No. 8 Faculty 5					
Non-Teaching	Staff 1 Students 1 Alumni 1 Others					
2.12 Has IQAC reco	eived 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 Semir	nars/Conferences/ Workshops/Symposia organized by the IQAC					
Total Nos. 9	International National 1 State 1 Institution Level 7					
	Quality in Management Education.					
(ii) Themes	2. Innovative Teaching methodologies					
	3. Salient feature of NAAC					
	4. Vrittivimarsha					
5. Effecting teaching and learning methodologies						
	6. Quality standards in Engineering.					
7. Outcome based approach to the Teaching and learning of English						
	8. Quality enrichment programme-I in Mathematics					
	9. Exploring E-Resources for Language Teaching and Learning in					
	association with ELTAI Kanchipuram Chapter					
l						

## 2.14 Significant Activities and contributions made by IQAC:

The IQAC has got approved its plan of action in the first meeting of the Academic year 2015-16 held on 4-8-2016 The following activities were planned and were executed meticulously.

- 1. During the scrutiny of PBAS forms for the year 2014-15 a number of queries were raised while awarding the scores. Further clarifications in all the categories and sub-categories were given along with the PBAS forms for the academic year 2015-16.
- 2. PBAS forms for non-teaching staff were revised.
- 3. Collected the duly filled in PBAS forms from all the members of faculty of all the departments and were scrutinized and final scores were calculated.
- 4. A detailed report on the PBAS scores of all the members of faculty were prepared and submitted to the vice-chancellor.
- 5. Formats for Academic Audit were redesigned and academic audit for all the departments were conducted.
- 6. Most of the departments conducted at least one quality related workshop/seminar/ talk. Total number of quality related events conducted during the academic year 2014-15 is 9
- 7. To recognize the meritorious contributions of faculty, best teacher award was instituted and the best faculty from each department was given a certificate and cash award on Teacher's Day Celebrations.
- 8. Based on the PBAS scores best department award also given to the Department of Physics.
- 9. Departmental profiles were prepared.
- 10. Departmental research compendia were prepared.
- 11. A CD on the departmental performance based on the NAAC 7 categories was prepared.
- 12. 5 Smart class rooms were constructed.
- 13. Various guest lectures were arranged by all the departments in various subjects for the benefit of the students. Experts from the industry were invited and the gap between the academics and industry was bridged.
- 14. Strengthened library resources by subscribing various e-journals.
- 15. Construction of a two storeyed new block with 2 floors (G+F) consisting of 24 rooms commenced to provide adequate accommodation.
- 16. Venkateswara kalyanam was conducted in the campus in association with the TTD on 22-5-2016.
- 17. 87% of the students were placed in various companies during the campus placement.
- 18. A number of activities were conducted through Centre for Development of Teaching and Learning.
- 19. Applied for Atal incubation centre and awaiting for the approval.
- 20. Deena Dayal Upadhyaya Kaushal Kendra skill development centre was granted to the university and it has been functioning.
- 21. Internal quality check was done by collecting feedback from the students about the academic performance of the members of faculty, self appraisal reports submitted by the teachers, feedback collected from various stake holders of the university viz., alumni, industry experts, parent, visiting faculty etc.
- 22. AQAR report for the academic year 2014-15 was prepared in the month of July and was up loaded to the NAAC.

#### 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
1. Year Plan was developed and approved in the first meeting of the IQAC held on 4-8-2016.	The execution of the activities became easier and we were able to complete the most of the activities we planned.
2. IQAC sub-committee was formed and is approved in the first meeting of the IQAC full scale meeting.	The IQAC sub-committee with five members under the chairmanship of the Director was formed.  The committee meets regularly and each member took the responsibility of working on each of the category mentioned in the NAAC.  They are responsible for scrutiny of API formats and AQAR reports.
3. Departmental IQAC committees were formed.	As a step towards de-centralization and making the department accountable for quality, these committees worked very well in acquiring the data required and were responsible for orientation of the faculty of the respective departments.
4. API formats were sent to the departments and filled in formats were collected and were subjected to scrutiny.	All the members of faculty were individually called and shown the scores achieved by them. This made them to realize what is expected from them and it gave an idea to the management about the performance of each member of faculty as well as the non-teaching staff of the university.
5. Academic Audit was conducted	Dean as Chairman of each faculty conducted the academic audit of each faulty of each department and graded them on five point scale. It developed accountability on the part of the teachers and the management got a clear idea about the performance of each faculty in the university. The revised academic audit format gave much scope for quantification of the academic performance of the members of faculty.
6. Student feedback forms and the format for analysis were sent to all the departments. This year on-line feedback was collected for most of the engineering departments.	All the departments collected the feedback from the students and analysed the responses and prepared a detailed report. It was shown to the individual member to know about his/her own strengths and weaknesses. The HOD gave the suggestions for overcoming the deficiencies, if any. It helped them to improve their quality of teaching in the class room. In order to reduce the paper usage, on-line feedback was collected by some of the departments and it would be extended to all the departments.
7. Preparation of profiles of all the departments.	All the departments prepared Departmental profiles consisting of all the activities of the department during the academic year 2015-16.
8. Preparation of research compendium.	All the departments have prepared a compendium consisting of all the papers published by the members of faculty during the calendar/academic year 2015/2014-15.
9. Conduct of quality awareness programmes.	All the departments were asked to conduct quality related programmes at least one in a year. Most of the departments conducted the quality related events and total number of events conducted was NINE.

## AQAR 2015-2016

10. Encouragement to the meritorious faculty, departments and students through distribution of awards, prizes, scholarships etc.	Five teachers were given best teacher award with cash prize, merit cum means scholarships was given to more than 300 students, and two departments were given best department awards.
11. Continue the best initiates in vogue to maintain quality.	A number of innovative and best practices were initiated during the yester years were continued along with the new additions.
12. Organization of Srinivasa Kalyanam	In order to promote moral and spiritual atmosphere in the campus among students and faculty, srinivasa kalyanam was organized in collaboration with TTD.
2.15 Whether the AQAR was placed in statutory  Management   Syndic	
Provide the details of the action taken A0	QAR was put in the Board of Management Meeting

held on 26-9-2016 and was approved.

## 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 (2015-16)	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	15		15	
PG	21	02	23	
UG	22	02	24	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
(M.Phil)	08		08	
Total	66	04	70	

Interdisciplinary	 	 
Innovative	 	 

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

Pattern	Number of programmes
Semester	47
Trimester	1
Annual	22

Note: Pattern of Ph.D & M.Phil Programmes was considered as annual.

1.3 Feedback from stakeholders* (On all aspects)	Alumni	٧	Parents	٧	Employers v Students	٧
(On an aspects)						
Mode of feedback :	Online	٧	Manual	٧	Co-operating schools (for PEI)	

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

Syllabus revision takes place every year. The Board of Studies of each Department definitely meets at least once in a year and revision of syllabus takes place in tune with the recent developments in the industry and society. The salient features of the updated curriculum of 2015-16 are:

- Syllabus was redesigned to meet the requirement of the NBA by the engineering departments. Four more elective subjects were introduced in the curriculum of Mechanical engineering.
- ❖ Lab sessions were introduced in MBA with an objective to enhance research fervour.
- Comprehensive Viva-voce for every subject is introduced with credit allotment in MBA programme.
- Shortage credit point system was introduced at MBA level. New programmes like MBA social entrepreneurship in collaboration with industry partners, Certificate of banking technology also introduced.
- ❖ Open elective courses are being offered for all the third year engineering students such as psychology, music, astrophysics, German premier, French premier etc. In the last academic year Bio-Informatics and Web Technology were introduced as open elective subjects apart from those offered in the last year.
- ❖ CBCS was introduced and the UGC guide lines were adopted where there is deviation in the existing curriculum.
- Soft skills and carrier development programmes were included in the engineering curriculum.
- ❖ Spoken tutorial classes are arranged through IITB Team.
- Peer tutorial coaching initiated in some departments.

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

The management of the university opened **one** important centre and two departments in the last academic year.

The centres/departments established during the academic year 2015-16 were:

- 1. Deendayal Upadhyaya Kaushal Skill Development Centre was established and started functioning.
- 2. Department of Commerce was established under the Faculty of Commerce and Management Studies. B.Com and BBA programmes started.

#### **CRITERION – II**

## 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
210	167	24	19	0

2.2 No. of permanent faculty with Ph.D.

63

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
1	0	0	0	0	0	0	0	01	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

33
----

03

13

### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level	Total
Attended Seminars/ Workshops	137	213	25	375
Presented papers	124	111	05	240
Resource Persons	05	47	05	57

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

Various initiatives were taken up by the departments to make the teaching and learning Process more innovative. Some of the innovative practices with regards to teaching and learning are mentioned below.

- 1. Most of the teachers used special soft ware for teaching suitable to their subject.
- 2. In the department of mechanical Engineering experimental set up was made to teach the concepts to the students.
- 3. Extensive use of videos to teach the concepts by most of the teachers is a significant feature in the process of teaching and learning.
- 4. ICT was well integrated in teaching and learning and organized various orientation programmes in collaboration with NTTTR, Chandigarh.

- 5. Moodle software tool was developed for interaction between the teachers and students. Assignments are being given and evaluated through 'moodle' links.
- 6. Interactive mobile based e-lab was used. Peer teaching is in vogue in some departments.
- 7. Megastat software was used to explain Statistical methods to students.
- 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, and Online Multiple Choice Questions):

We introduced open Book System for selected courses in engineering stream. Double valuation is in vogue. On-line quiz programmes were also introduced this year. For unit tests and quiz programmes online Multiple Choice questions were used frequently. Bar coding was in vogue in the Department of Health Sciences. Results were also published on-line

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

125

All most all the members of faculty are encouraged, bearing a very few, to participate in the curriculum restructuring/revision/syllabus development. A selected number of faculties were nominated as members of BOS. Others will be involved in other activities related to curriculum.

2.10 Average percentage of attendance of students

85%

#### 2.11 Course/Programme wise distribution of pass percentage:

S.No	Course	Total No. of Students	Total No. of Students Passed	First Class With Distinction	First Class	Second Class	Third Class
1	M.Phil (Management Studies)	18	18	0	13	5	0
2	M.Phil(Physics)	37	37	0	37	0	0
3	M.Phil(Chemistry)	11	11	0	11	0	0
4	M. Phil(Computer Science)	43	43	0	43	0	0
5	M.Phil(Mathematics)	50	50	0	50	0	0
6	M. Phil(English)	10	10	0	9	1	0
7	M. Phil(Sanskrit)	21	21	0	21	0	
8	M.A. (Sanskrit)	24	24	24	0	0	0
9	M.B.A – Master of Business Administration (Trimester)	32	32	1	24	7	0
10	M.C.A – Master of Computer Application	13	13	5	8	0	0
11	M.C.A – Master of Computer Application (Integrated)	11	11	7	4	0	0

12	M.E (Computer Science)	6	6	0	6	0	0
13	M.E (Power System)	8	8	2	5	1	0
14	M.E (Power Electronics and Drives)	2	2	0	2	0	0
15	M.E (Thermal Engineering)	9	9	3	6	0	0
16	M.E (Electronics & Communication Engineering)	2	2	1	1	0	0
17	M.E (Computer Integrated Manufacturing)	2	2	0	2	0	0
18	M. Tech (Information Technology)	5	5	3	2	0	0
19	M. Sc., (Physics)	6	6	6	0	0	0
20	M. Sc., (Chemistry)	4	4	1	3	0	0
21	M. Sc., (Mathematics)	2	2	1	1	0	0
22	B. E (Computer Science)	140	136	41	91	4	0
23	B. E (Electrical &Electronics	147	142	48	91	3	0
24	B.E (Electronics & Communication Engineering) (FT)	223	221	94	125	2	0
25	B.E (Mechanical Engineering)	263	247	62	178	7	0
26	B. Tech., (I.T)	35	30	2	26	2	0
27	B.E (Civil and Structural	57	53	10	43	0	0
28	B.E (Electronics and Instrumentation Engineering)	13	13	1	9	3	0
29	B.A. (Sanskrit)	10	10	7	3	0	0
31	B.C.A	50	41	10	28	3	0
32	B.Sc (Physical Education)	13	13	0	11	2	0
33	B.Sc (Computer Science)	14	12	3	9	0	0
	Total	1281	1234	332	862	40	0

Note: BAMS & Ph.D results are yet to calculate.

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

## a) Contributions of IQAC towards teaching and learning process for the academic year 2015-16

The following are the major contributions of the IQAC for enhancement of quality in the university.

- 1. API formats were refined for both teaching and non-teaching staff of the University for Objective Assessment of the performance.
- 2. Academic Audit formats were redesigned to calculate the performance of each member of faculty quantitatively.
- 3. 'Students feedback' was collected through on-line as a green initiative.
- 4. Organized 9 workshops/seminars and two talks for the quality improvement for teaching and staff taking the seven categories into consideration.
- 5. Smart class rooms established to make the Teaching Learning process more interactive.

## b) Monitoring of IQAC towards teaching and learning process:

- 1. The IQAC encourages ICT based teaching methods. Further, it facilitates the administration to appoint quality Guest Faculty for teaching, wherever regular faculty is inadequate.
- 2. Meetings are organized for the parents with class representatives.
- Feedback is collected from the toppers, average and below average students with regard to progress of class work, teaching methodologies and examination system etc., by the Heads of Departments.
- **4.** Academic audit is conducted at the end of each in each department.
- **5.** PBAS-API forms were collected and checked and recorded the performance of each member of faculty of all the departments.

## c) Evaluation of IQAC towards teaching and learning process:

- 1. API formats were scrutinized and the scores obtained by the staff were assessed and compared with the norms fixed and proper recommendations were sent to the vice-chancellor.
- 2. **Student feedback and academic audit reports** were analyzed and identified the contributions of the staff.
- 3. At the end of each workshop an examination was conducted to evaluate the performance of the staff.

## 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	
UGC – Faculty Improvement Programme	16
HRD programmes	
Orientation programmes	12
Faculty exchange programme	
Staff training conducted by the university	93
Staff training conducted by other institutions	42
Summer / Winter schools, Workshops, etc.	358
Others	47

### 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	137			130
Technical Staff	40			13

#### **CRITERION – III**

## 3. Research, Consultancy and Extension

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

IQAC initiated a number of activities for Sensitizing/Promoting Research Climate in the institution.

- 1. Research colloquium was established in each department and fortnightly one member of the faculty delivers a talk on a particular topic or explains about his/her presentation of paper in the recent seminar/workshop attended.
- 2. Compilation of the research papers published by all the members of the faculty in a year brought in the form of Research Compendium.
- 3. All the members of faculty were encouraged to participate in seminars and workshops and the university is paying the costs of registration, TA and DA to all the members for two seminars in a year and considering the absence as on duty.
- 4. Incentive of Rs.5, 000/3000 is given to those members of faculty whose papers were published in reputed International/National Journals.
- 5. Rs.50, 000 was granted to the members of faculty to undertake minor research project. Due to financial constraints this academic year no project was sanctioned even though some are approved.
- 6. ELTAI, Kanchipuram chapter was inaugurated in the Department of English.

## 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1 03		03	03
Outlay in Rs. Lakhs	5 Lakhs	36.26Lakhs	3.10633	25Lakhs

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	10	03	04
Outlay in Rs. Lakhs	2.35 Lakhs	7.85Lakhs	1.5Lakhs	1.5Lakhs

# 3.4 Details on research publications

Details of Journals	International	National	Others	TOTAL
Peer Review Journals	403	9	11	423
Non-Peer Review Journals	24	04	01	29
e-Journals	01	123	00	124
Conference proceedings	108	67	01	176
TOTAL	536	203	13	752

3.5	<b>Details</b>	on l	Impact	factor	of 1	publications:
		~			~	3 62 0 22 0 66 62 0 22 0 4

Range	8.17	Average	0.576	h-index	8.2	Nos. in SCOPUS	91	
-------	------	---------	-------	---------	-----	----------------	----	--

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2015-2016	DRDO	4,90,000	0
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2015-2016	SCSVMV	0	0
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total			4.9 lakhs	0

3.7 No. of books published	l i) With ISBN No	. 12	Chapters in Edited Books	05
	ii) Without ISBN No	09		
3.8 No. of University Depa	rtments receiving f	funds from		
	UGC-SAP	CAS -	DST-FIST	
	DPE		DBT Scheme/funds	
3.9 For colleges	Autonomy	СРЕ	DBT Star Scheme	
	INSPIRE	CE _	Any Other (specify)	
3.10 Revenue generated th	rough consultancy	1,90,63,60	00	

# 3.11 No. of conferences organized by the Institution

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

Level	International	National	State	University	Total
Number	03	05	10	7	25
Sponsoring agencies	SCSVMV	SCSVMV	SCSVMV	SCSVMV	

3.13 No. of collaboration	ons In	nternationa	1 04	National	22	Any oth	ner
3.14 No. of linkages cro	eated during thi	s year					07
3.15 Total budget for r	esearch for curi	rent year i	n lakhs:				
From funding agency	4.298 Lakhs	Fron	n Manag	ement of U	niversity/	College	50000
Total							4.7298
3.16 No. of patents rec	eived this vear	ĺ	Type	of Patent		1	Number
cito i tot of patents fee	orved tills year				Applied	_	03
			Nationa	1	Grante		
			·		Applied		
			Internat	ional	Granted		
			Commo	rcialized	Applied	1	
			Comme	icializeu	Granted	1	
3.17 No. of research av	e in the year						ı
Total	International	National		University	y Dist	College	
07	03	03	01				
<ul><li>3.18 No. of faculty from who are Ph. D. Gu and students registe</li><li>3.19 No. of Ph.D. awar</li></ul>	red under them		nstitutior	1			45 188 25
3.20 No. of Research so	cholars receiving	g the Fello	wships (	Newly enro	olled + ex	cisting one	s)
JRF 1	SRF	0 F	Project Fe	ellows 01	An	y other	4
3.21 No. of students Pa	rticipated in NS	S events:					
University level 385	State level		National	l level 385	5 Ir	nternationa	l level

3.22 No. of students partic	ipated in NO	CC events: (The	ere is no NCC unit	t in the university)	
University level	State level	Natior	nal level	International level	
3.23 No. of Awards won in	NSS:				
University level S	State level	National	l level	International level	
3.24 No. of Awards won in	NCC: (Th	ere is no NCC	unit in the univers	sity)	
University level S	state level	National	level	International level	
3.25 No. of Extension activ	ities organiz	ed			
University forum	09	College forum			
NCC	06	NSS	Ar	ny other 10	
3.26 Major Activities duri Responsibility:	ng the year	in the sphere of	of extension activi	ties and Institutional	Social

**A number** of activities were conducted during the year 2015-16 in the sphere of extension and social responsibility of the university through our medical centre as well as NSS Unit. Some details are furnished below.

- 1. During the time of floods in Chennai our students and staff went to the affected places and distributed food packets for more than 7 days.
- 2. During the time of floods medical camps were organized in Chennai by our Medical Centre.
- 3. Conducted anti-ragging campaign vigorously.
- 4. Swatch Bharath campaign was organized.
- 5. Mass plantation of trees in the campus.
- 6. Blood donation camps were organized by NSS units and also by the Medical Centre.
- 7. A number of medial related camps were organized by the Medical Centre.
- 8. National, Religious and local festivals were celebrated.
- 9. Tarunyam and Spardha were conducted.
- 10. Pollution free campaign was aimed at.
- 11. Organized women empowerment programmes.
- 12. Visit of mentally retarded homes, old age homes, deaf and dumb schools and orphanage homes and sponsoring food and interacting with the in-mates.
- 13. Organizing rallies on HIV/AIDS, plastic free surroundings etc.
- 14. Computer workshop was conducted for teachers of schools of Kanchipuram district.

#### **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	50.4 Acres		Own source	50.4 Acres
Class rooms	66		Own source	66
Laboratories	34		Own source	34
Seminar Halls	08		Own source	08
No. of important equipments purchased ( $\geq 1$ -0 lakh) during the current year.			Own source	16
Value of the equipment purchased during the year (Rs. in Lakhs)		17.831 Lakhs	Own source	214.96
Others		276.297 Lakhs	Own source	264.24

#### 4.2 Computerization of administration and library

#### 1. ACADEMIC MANAGEMENT SYSTEM (AMS)

This Software has the following functionalities:

- Student's attendance entry, monitoring and taking reports on student's attendance class-wise by HODs and Deans.
- b) Faculties lesson plan entry & updating actual lessons taken by the faculty.
- c) Monitoring the lessons taken by the faculty.
- d) Entry of internal marks by faculty and creation of consolidated report.
- e) Update student related information by class-in-charge.
- f) View the time table-class wise and faculty-wise.

#### 2. STAFF LEAVE MANAGEMENT SYSTEM

The software is a web-based system that helps to maintain the entire process of leave management, right from making applications online to generating different types of reports required by the department and the administration. The software enforces the leave rules and regulations of the University and maintains specific data about the different kinds of leave like Casual Leave, Medical Leave, Paternity Leave, Maternity Leave, On-Duty Leave, Duty Leave, Compensatory Leave etc. The System has provisions for three kinds of users — Basic User, Supervisor and Administrator- each with specific roles and responsibilities.

#### 3. STAFF ACTIVITY MANAGEMENT SYSTEM

This provides for entering the details of the various Faculty Development Programmes, Workshops, Conferences, Refresher Courses, Seminars etc. attended by the individual faculty members as well as the details of the publications made by them. As documentary evidence of their participation, the certificates awarded to the participants in the events are scanned and saved along with the other details. Reports on the programmes attended / publications made by faculty members are generated as required by the department and the administration.

The above software is being used by the departments and faculty members. The software is hosted on the LAN Server and can be accessed by the staff from any system on the Campus LAN.

#### 4. LIBRARY MANAGEMENT SYSTEM - FOR DEPARTMENTS

The software is a web based application that automates the maintenance of the departmental library. It has provisions for the following functionality:

- a) Acquiring and cataloguing books both purchase and gratis
- b) Book Issue & Return
- c) Book Search (Public Access Catalogue)
- d) Report Generation Various types of reports like holdings report etc.

#### 5. RESEARCH SCHOLAR MANAGEMENT SYSTEM

This software is a one-stop solution for managing the details of a Research Scholar throughout the term of his/her research, right from the application stage to the viva-voce and Ph.D. completion stage. The Research & Publications Division utilizes the software for the following purposes:

- PhD applicants data collection
- Guide Details maintenance
- Current status of Research Scholars
- Various reports related to Research scholars

#### 6. DEPARTMENT BUDGET MANAGEMENT SYSTEM

The software is a web-based system that helps to maintain the Department Budget Management and also generate various reports like Date-wise Report for Expenses, Summary of Budget Sanctioned Spent and Balance Details etc., Most of the Departments have been utilizing the software for their administrative purposes

We have been continuing the above aspects even for the academic year 2015-16. Apart from the above the following details are given which were introduced during the academic year 2015-16.

- 1. A soft ware was developed to prepare one page profile of all the students of the School of Education right from the inception of the department.
- 2. Soft ware for admission of engineering entrance examination was developed and the entrance test at all India level was conducted.

- 3. Soft ware for the contributions of the members of faculty was developed and the contributions of the members of faculty up to June, 30, 2016 were taken print and a book was compiled.
- 4. Software was developed for hostels to monitor the students.

### 4.3 Library services:

	Exi	sting	Newly	added	Total		
	No.	Value	No.	Value	No.	Value	
Text Books Reference Books	62480	26667598	267	72821	62747	26740419	
Reference Books							
e-Books							
Journals	183	142982	131	241790	314	384772	
e-Journals	738	1385591	172	839769	910	2225360	
Digital Database							
CD & Video	3495					Free CDs	
Others (specify)							

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart ments	Others
Existing	736	24	172	01	10	09	48	08
Added	34					08	05	21
Total	770	24	172	01	10	17	53	29

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

## a) Computer and Internet access:

- 1. The Central Computing Centre of the university possesses around 250 numbers of computers having Internet and intranet connectivity which is adequately supported by a campus-wide optical fibre cable network.
- 2. With the support of the MHRD, the university has the NKN connectivity with 1GB capacity.
- 3. Wi-Fi connectivity is given to all hostel students as well as the staff of the hostels.
- 4. All departments were having computers and internet facility.

## b) Training to teachers and students

- 1. A work shop in 'computer basics' was conducted for non-teaching staff and also another workshop was conducted for 90 teachers on 'E-learning & content development'.
- 2. The facilities of the computing centre are used for teaching of advanced concepts in computing and conducting short term courses of other departments.

- 3. Courses like CCNA (Cisco Certification), Cloud Infra Structure and Services and Parallel programming are offered by the CSE department, using the facilities available in the Computing centre.
- 4. In most of the workshops and seminars organized, hands-on-experience was provided to students, faculty and research scholars on various advanced topics.
- 5. NPTEL courses have been procured and made available to students and staff in the Intranet.
- 6. The e-learning tool 'Moodle' has been installed on the LAN server and the Moodle learning portal is created. Faculty members and students have been given login ids and passwords to access the same. Subject lists and student lists have been added as per the requirement of the faculty and students enrolled.
- 7. Advanced research labs like Wireless Lab, Router Lab, SDN Lab, Internet of Things Lab, Parallel Programming Lab and Networks Lab have been set up by the department of computer science and engineering for technology up gradation.

## c) Automation of the activities of the university

Various activities of the university have been automated.

The following are the software developed and implemented at the computing centre.

- a. Attendance Management system
- b. Academic Management System
- c. Faculty Management System
- d. Research Scholar Management System
- e. MANUS-LIB: Palm-leaf Manuscript Digital Preservation System and Library
- f. Online Entrance Examination for admission
- g. Online Tests for Internal Assessment
- h. Admission Process Automation System
- i. Department Library Management system
- j. Online tests for placements
- k. Online feedback system.

4.6 Amount spent on maintenance in lakhs:	
i) ICT	9,70,335
ii) Campus Infrastructure and facilities	3,88,97,997
iii) Equipments	15, 33,169
iv) Others	9,89,179
Total:	4,23, 90,680
	1,20,70,000

#### **CRITERION – V**

#### 5. Student Support and Progression:

## 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

A number of initiates have been taken by the IQAC for student support and progression.

- 1. IQAC has coordinated with the Head, academic calendar in the preparation of academic calendar for the support of the students.
- 2. IQAC in consultation with the placement officer enhanced the avenues for placement by providing guidance and conducting training programmes to the students. Also conducted job melas inviting prominent corporate and industries.
- 3. IQAC also had periodic interaction with the officer supporting facilities and suggested measures for improvement.
- 4. IQAC organizes a series of talks for the students explaining various avenues open to them after completion of their degree programmes. And also suggested them how to prepare an action plan to reach the goals formulated.
- 5. Placement & Training Centre/Library & Information Centre: Good Library and Placement cell adds to the list of facilities extended to the students in attaining better academic standards. The lists of the students who are interested for higher studies, entrepreneurship or job are collected and accordingly the support is extended to the students. When the choice is exercised the avenues open to them is explained to them and how to apply and how to prepare for the admission or entry.
- 6. VISTA MIND, Gate Forum etc., worked for the student progression in their respective fields of choice.
- **7. Grievance Redressal Cell:** is constituted for the purpose of redressal of grievance of students, parents, teachers, and non-teaching staff as well as the hostel students and the issues are being monitored by the IQAC.
- **8.** National Service Scheme [NSS] Cell is expected to encourage students to engage in community development activities and prepare the students with the right values and virtues to the community.
- 9. Student forums are established in all the departments to nurture creativity & innovation.
- **10. Insurance:** Group Medical Insurance Facility is extended to all the students of the university.
- 11. Multi-disciplinary Forums, Association with Professional Bodies, Alumni Scholarships, Student Forums / Clubs, Peer Learning, Cash incentive to student achievers, Language Laboratory, Foreign language courses [French & German] are some of the other student support measures.

### 5.2. Efforts made by the institution for tracking the progression

All the departments put necessary efforts in tracking the progression of the students. The efforts made by the Departments in this regard were:

- 1. The IQAC reviews in its meetings to track student progressions and initiatives are taken for quality education.
- 2. There is a continuous interaction with the alumni through the alumni portal kept in the website.
- 3. At department level, there is departmental committee which has a structured system for tracking and monitoring the student progression based on examination results. Each department is maintaining a data base of the students and tracking the progression.
- 4. By inviting the alumni to interact with the current batch of outgoing students. Alumni also address the students during their visit to the university or department. UG PG Ph. D. M.Phil

#### 5.3 (a) Total Number of students

2925 281 423 287 3916

(b) No. of students outside the state

1748(45%

(c) No. of international students

01

**Total** 

Men 2823

Women

No	%
1093	28

	Last Year							1	This Y	'ear	
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
586	40	3	525	01	1155	605	53	0	454		1112

Note: the above numbers related to final year out going students in the final year 2014-15 and 2015-16.

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

Departments are taking adequate steps to make the support to the students for preparing competitive examinations such as GATE, IES, CIVIL SERVICES, TNPSC, TRB, NET, SLET, TET, BANK PROBATIONARY OFFICERS etc.

- 1. Coaching for GRE, TOFEL is being provided to the students.
- 2. All the members of the department are instructed to explain the nature of questions that appear in the competitive examinations while dealing the subject matter in the class room. Ex. Engineering

faculty explaining the students about the possible objective multiple choice questions that appear in the GATE, IES, UPSC examinations while dealing with the subject matter in the class room.

- 3. Department of Mathematics took the responsibility of teaching of quantitative aptitude to all the students which are the base for selection in the placement of students as well as for all competitive examination.
- 4. GATE forum was established and coaching classes were arranged for the students in the campus itself. VISTA MIND like organizations is providing coaching to the students for competitive examinations.
- 5. The School of Education took the responsibility of preparing the students for TRB and TET examinations. More than 100 students selected from the School of Education for TET examinations and many of them have been working as teachers in Government schools.

No. of students beneficiaries 784

#### 5.5 No. of students qualified in these examinations

NET	2	SET/SLET	 GATE	01	CAT	03
IAS/IPS etc		State PSC	UPSC		GRE	03

## 5.6 Details of student counselling and career guidance

The responsibility of student counselling and career guidance was taken up by the placement cell.

- 1. Lectures were arranged regarding the information, preparation for career.
- 2. The relevant information was depicted in the notice board of placement and training cell.
- 3. Information regarding career guidance was given in the form of CDs so that students can go through the CD in their convenient times.
- 4. Class teachers have been taking the care of personal guidance and counselling of the students.
- 5. Guidance and counselling cell was established in the department of Education. Students visit the cell for personal, social and academic issues with which they are not able to cope up. A separate cell is formed with three members and has been organizing various activities to help the students.

No. of students benefitted 854

## 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
38	440	357	29

## 5.8 Details of gender sensitization programmes

- Developing zero tolerance against gender bias has been an important agenda in recruitments, membership in committees, extending opportunities etc. The department of Women studies organized many programs both at student level and at public level.
- International women's' Day was celebrated with zeal and various competitions were conducted.
- Four local women entrepreneurs were honoured by the Department of Management Studies in the university campus.
- Women harassment cell was instituted and has been working for the cause of gender sensitization programme.
- HIV/AIDS awareness camps were organized in the Department of Education and also rally was

## 5

org	ganized.							
• CC	ONFEB and workshop pr	ogramme	on women f	or qu	ality life v	was org	anized.	
5.9 Studer	nts Activities							
5.9.1	No. of students participation	ated in Sp	orts, Games	and o	other ever	ıts		
	State/ University level	40	National le	evel		Intern	national level	
	No. of students participa	ated in cu	ltural events					
	State/ University level	37	National le	evel	6	Intern	national level	
5.9.2	No. of medals /awards v	won by st	udents in Sp	orts,	Games an	d other	events	
Sports:	Sports: State/ University level 10 National level International level							
Cultural: State/ University level National level International level  5.10 Scholarships and Financial Support								
	Number of students Amount							
	Financial support from i	nstitution	1		09		5.09 Lakh	ns
	Financial support from g	governme	ent	05		3.36 Lakhs		
	Financial support from o	other sour	ces					
	Number of students who received International/ National recognitions							
5.11 Stu	dent organized / initiati	ves						
Fairs	: State/ University level	03	National le	evel	03	Intern	national level	0
Exhibition	: State/ University level	09	National le	evel	01	Intern	national level	0

## 5.12 No. of social initiatives undertaken by the students

11

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

There is a grievance redressal mechanism in the university for both students as well as staff and committees were constituted to probe into the issues. The committees met every month to redress the grievances. The details of the redressal of grievances for the calendar year 2015 were documented with complete analysis.

#### **CRITERION – VI**

## 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

#### **VISION**

The vision is to provide "quality higher education coupled with Indian Value system and at the same time make it affordable to all sections of the society irrespective of their social or economic standing". It is to identify innate talents of students and bring out their hidden potentialities and help in development of their all round personality with embedded values.

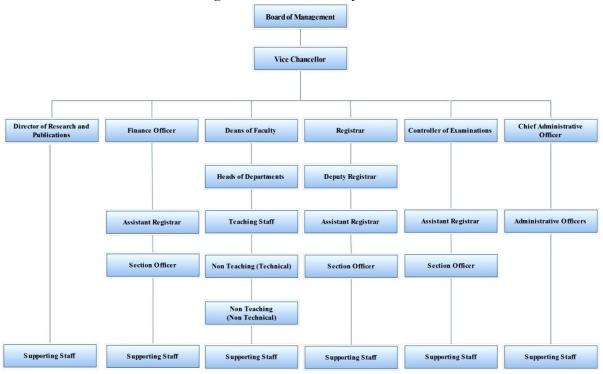
#### **MISSION**

The mission is to create opportunity for the acquisition of quality higher education by all in a conducive and pleasant environment, through varieties of academic programmes of choice with flexible and outcome oriented curriculum, embedded with values and skills.

#### **CULTURE**

The university envisages a culture that is characterized by excellent faculty-student interaction and prevalence of 'one family' atmosphere. The emphasis is not on mere acquisition of knowledge and its application but on the all-round personality development of the student and his/her value system. Education is viewed not as accumulation of ideas, but as a process of channelizing them to perfection, leading to proper development of the faculties of the student and hence life-making.

#### 6.2 Does the Institution has a management Information System



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

## **6.3.1** Curriculum Development

The curriculum design and updation is routinely carried out according to the requirement of students and industries. Every academic department design and redesign the curriculum, syllabi monitoring through academic, industrial experts and alumni. While designing and re-designing the curriculum due importance is given for availability of source materials, coverage, ability of students to understand the theoretical backgrounds, construction of questions and viability of applications. The designed and redesigned curricula are forwarded to the concerned Dean of Academics, Academic Council and Board of Management for approval. The feedback taken from the stakeholders viz., students, alumni, exit questionnaires, parents, industry personnel, visiting faculty etc. CBCS is initiated and utmost priority is being given to value based education coupled with greater scope for employability.

#### 6.3.2 Teaching and Learning

During the academic year 2015-16 the academic schedule and teaching plans are prepared in advance and executed meticulously as per the schedule.

- 1. The methodology followed by the faculty is a sandwich of both modern and traditional on the foundations of ethics and morality.
- 2. Interactive pedagogy was adopted by using participative learning, case based learning, projects, field works, seminars, assignments, internships etc. The advanced learners are encouraged to take partnership in research projects with the faculty members. The students are provided with interactions beyond the college timings with their respective mentors and guides.
- 3. All the departments encourage the students to undertake minor and major real time projects on their field of interest. In addition to that it has become a mandatory process for students to undertake group based and individual projects. The students are attached with the mentor for their discussion and further stepping of real time project. The outcomes of projects are evaluated through the panel of experts in the concern departments.
- 4. The needs of the slow learners and advanced learners are taken care of.
- 5. Academic schedule is strictly adhered to.
- 6. Monotony of the teaching and learning is broken by organizing guest lecturers by experts in the respective fields and industry experts.
- 7. ICT is integrated with teaching by all the members of faculty of all the departments in the university.

- 8. Mentor and mentee rapport is well established and the interaction between the mentor and mentee is very often takes place.
- 9. NPTEL/MIT video classes for advanced topics are being used for teaching.

#### **6.3.3** Examination and Evaluation

- 1. The students are consistently monitored through class test, review test, internal assessment test and end semester test. During the time of every assessment test, the questions are covered in every aspect of their syllabus by giving a normal distribution of choices. The assessment pattern also cover the aspects of proficiency, learning interest, involvement in classes, participation in class exercise, percentage of prescribed attendance, application skill and behaviour pattern. The component based valuation pattern help the students to enrich their contribution on every subject during the time of their programme.
- 2. Student performance is evaluated through Continuous assessment by conducting internal tests, assignments, seminars, objective type tests, case studies and quiz for 40 marks in addition to the end semester evaluation for 60 marks. Weaker students who score low marks are given retests to improve their performance. The system of letter grading is adopted and statements of marks are printed accordingly.
- 3. For some courses in engineering stream open Book system was introduced. In B.Ed Programme invigilation-free examinations are being conducted for all internal tests.
- 4. Apart from the above, double valuation for all PG courses, revaluation of papers if demanded by the student, publication of result within the stipulated dates and online publication of results are vogue in the university.
- 5. Marks sheet is prepared with six security features with photograph.

#### **6.3.4** Research and Development

- 1. A separate centre by name SRI JAYENDRA SARASWATHI CENTRE FOR APPLIED RESEARCH was established and in the last academic year and so far 3 proposals which were sent to the funding agencies was approved.
- 2. The university encourages researchers to carry out their research in the field of engineering, Sanskrit and Indian Culture, Management, Education, Bio Science, Health Science and languages of region and foreign. The university adopts the changes that are made by the UGC time and again.
- 3. The scholars who prefer to pursue their research programmes are thoroughly scrutinized by the panel about their qualifications, interest on research and other credentials.

- 4. The topics preferred by the scholars for their research are presented by them for approval before the expert panel where in the approved topics are allowed to undertake for the research study.
- 5. At the time of approving the topic, the social relevance is given due weightage. Once the scholars registered their doctoral programmes should undergo the formalized course work duration and consecutively appear for their course work examination.
- 6. The final submission of their research in the form of prescribed thesis should be scrutinized for its content validity through pre synopsis presentation before the expert panel.
- 7. Every of stage of research pursued by the scholars in all departments is thoroughly scrutinized by the university through expert panels, guides, Deans of faculty and Heads of research.
- 8. In order to confirm the standard of research with social relevance, the university constituted a separate research and publications wing under the Director (Research and Publications).
- 9. The entire research process is continuously monitored and regulated by the Director (Research and Publications)
- 10. Apart from the above the university insists upon creation of inter and multi disciplinary research teams, sponsoring faculty for conference/seminars/workshops, establishing research colloquium at departmental level and research Board at university level, publication of papers in reputed journals and conference proceedings, encouraging members of faculty by giving funds for minor research projects etc.
- 11. Minor projects with financial assistance up to 50,000 were sanctioned by the university to encourage faculty to do research.
- 12. At present there are 418 part-time Ph.D scholars doing research in the university of which 323 are external scholars and 95 are internal scholars. There are 63 members of faculty working in the university are having Ph.D Degrees.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The university possesses a central library with international standards well stacked with collection of books with recent updation. There are more than 1, 80,000 books in the library. It also encourages the students to use the on line learning resources both at library and departments. Every academic department has equipped laboratories and periodic updation of instruments that provides the theoretical understanding of students into practices. There is a browsing centre with internal facility available in the library. The library building is an infrastructure marvel. 100 feet monolithic statue of Jagatguru Sri Adi Sankaracharya in front of the library building is a unique feature of this university. The university is having an adequate well equipped classrooms, laboratories, seminar halls etc. Various amenities such as medical centre, post office, hostels, staff quarters, play grounds, common halls, fitness centres, canteen

banks etc. are inside the campus. UV, florescence and CV worth of 60 lakhs is available for characterization,

## **6.3.6 Human Resource Management**

The SCSVMV University is having its own strategy to train its human resources according its general and specific needs. Members of faculty are being trained by organizing various FDPs, workshops through centre for development of teaching and learning, conducting seminars/conferences/workshops etc., at departmental level and also encouraging them to participate in seminars/conferences and workshops in other universities to develop their teaching skills. Non-teaching members are also trained in need-specific areas. Faculty and staff are encouraged by felicitating them by giving awards and prizes.

#### **Recruitment Process**

The recruitment advertisement will be given in news papers on All India basis as per the requirements of the vacancy in the departments. Selection of the candidates will be done by the duly constituted Selection committee comprising the Vice-Chancellor as its Chairman, nominees of the Chancellor, the Dean / Head of the department concerned and expert members as per the guide lines suggested by the UGC. Ad-hoc faculty and guest faculty also being recruited as per the need though transparent process and selected by the duly constituted university internal committee. Non-teaching vacancies are also being filled through interview of the eligible candidates.

#### Performance Assessment of faculties and Staff

The performance of the faculty is assessed by the following means-

- a. By the self appraisals submitted by them.
- b. By scrutinizing the API formats submitted by them.
- c. On the basis of analysis of students feedback
- d. On the gradations and recommendations made by the Academic Audit Committee.

#### **Retention of Staff**

On the basis of the reports and other academic activities the staffs are recommended for promotion/higher pay. The pay is fixed as per the UGC norms. Staff members are encouraged to update their skills by doing higher studies, research work, attending workshops etc. Very congenial and competitive atmosphere is maintained in the campus for the retention of Staff. A number of staff welfare measures were introduced to reduce the rate of attrition. SCSVMV has recorded a very low rate of attrition due to its congenial atmosphere and working conditions.

## **6.3.7** Faculty and Staff recruitment

The University/Department recruits faculty with required qualifications, knowledge and skills as per the vacancy position. The staff members are appointed by the duly constituted University Selection Committee. Career advancement scheme is implemented and a number of faculties were promoted through this scheme following the guidelines of the UGC.

## **6.3.8** Industry Interaction / Collaboration

In the last academic year an industry-academia meet was organized in the university and representative from 34 companies participated.

The SCSVMV is having interaction and collaborations with reputed organizations, institutes and industries in India. The university also providing consultancy services to the local municipal administration. The departments are constantly organizing industrial visits to students to renowned organizations. The package of industrial visit covers minimum of two organizations engaged in manufacturing, processing and service. The prior schedules are prepared by the Departments and got due approval from the Deans of faculty and the Vice- Chancellor. Every year the location of visit and organizations are decided based on the requirements of students according to their academic backgrounds. During the time of industrial visits, the university encourages students to take part in interactions with the top level officials of visiting organizations that helps them in gaining experience by knowledge sharing. At the end of every visit, the students are instructed to provide a detailed report about the learning aspects on the visits.

#### **6.3.9** Admission of Students

Admission is done on all India bases. Every year students from 10 to 15 states join the university. The university has a well organized and transparent system. All India basis advertisement will be given for admissions. Admissions to various courses are based purely on merit by normalizing the marks obtained in the qualifying examination and marks obtained in the entrance examination. The admission is finalized by the committee headed by the Admission Chairman. Preference is given to JEE rank students. No Capitation fee in any form is collected. The rule of reservation is also being followed. The university has an inclusive admission policy. The entire admission process is computerized. On-line applications are being received and also on-line entrance test is also conducted. Meritorious students were offered scholarships. Girl students are given priority in the admission process.

# 6.4 Welfare schemes: A number of welfare schemes were in vogue in the University for teaching, non-teaching staff as well as the students.

## a) Teaching staff:

S.No	FACILITIES
1	Medical insurance for self and family.
2	Tuition fee waiver up to 25% for the study of wards in the
	university in any course.
3	Ex-gratia for Pongal
4	Financial help for family members in the event of demise
	of the staff members.
5	Gratuity and pension scheme
6	Personal- interest free loan up to Rs.1, 00,000

7	Faculty development programmes
8	Financial assistance to attend the seminars.
9	Sabbatical leave

## b) Non-teaching staff

S.No	FACILITIES
1	Medical insurance for self and family.
2	Tuition fee waiver up to 50% for the study of wards in the
	university in any course
3	Ex-gratia for Pongal
4	Financial help for family members in the event of demise
	of the staff members.
5	Gratuity and pension scheme
6	Personal- interest free loan up to Rs.50,000
7	Uniform for some category employees.

## c) Students

S.No	FACILITIES
1	Medical insurance for all the students.
2	Accommodation in hostels
3	Transport facility
4	Medical centre, ambulance
5	Wi-Fi facility in both campus as well as in colleges
6	Fitness centre
7	Gym in both men's and women's hostels
8	Beauty parlour in women's hostels
9	Merit cum Means scholarships.
10	Endowment scholarships
11	Stipend for PG students
12	Free boarding and Lodging for Sanskrit students and
	sports students, and some meritorious students.

				_
65'	Total	cornus	fund	generated

19.31 Crores

6.6 Whether annual financial audit has been done

Yes	٧	No	
-----	---	----	--

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

Audit Type	External		Internal		
	Yes/No Agency		Yes/No	Authority	
Academic			V	Dean	
Administrative			V	Registrar	

At the end of this academic year we are planning to conduct academic audit by external agencies.

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

For UG Programmes	Yes	٧	No	
For PG Programmes	Yes	٧	No	

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

**University** has implemented CBCS and conducts two midterm and one semester-end examinations. For PG courses there is double valuation. The entire process of examination process is computerised and results also announced on- line.

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

#### NOT APPLICABLE SINCE WE HAVE NO AFFILIATED COLLEGES.

#### 6.11 Activities and support from the Alumni Association

Alumni association was formed. In the earlier years the alumni meets are being held in the university campus itself once in a year. But last year we have conducted alumni meets in Chennai and Bangalore. A number of alumni attended and promised to help the upliftment of the university in all respects. They have been working as brand ambassadors for our admission. Alumni interaction is done through online to improve the departmental activities. Alumni web portal was created in our website too. Alumni are associated with designing and updating curriculum. Visiting lectures by eminent alumni are arranged. Feed back on academic and non-academic activities is provided. The School of Education organizes alumni meet every year and so far 7 meets were held.

## 6.12 Activities and support from the Parent-Teacher Association

There is a system prevalent in the Departments in which the parents of various students meet the Head of Department and other class in-charges to know about the progress of their wards and initiate corrective measures like Student's Attendance Percentage and their Internal Marks are sent to their parents to improve their academic performance. The parents are informed about the progress of their wards. As on date there is no other significant contribution from the parent's side for the growth and development of the university.

#### **6.13 Development programmes for support staff**

The Institution organizes training programmes for non-teaching staff members. The non-teaching staffs are also deputed to various training programmes. For the year 2015-16 and about 20 non-teaching staff members were participated in various training programmes.

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

The following activities are being taken up by the institution to make the campus eco-friendly

- 1. Rain water harvesting
- 2. Solar energy
- 3. In order to reduce pollution, the campus has been made completely smoke free.
- 4. Restricted entry of motored vehicles inside the campus with most parking areas being made available at the gates.
- 5. Every semester, with the help of green Brigade /NSS volunteers' tree plantation is carried out in the campus.

#### **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.

- 1. API formats were further revised and more clarifications were given to fill the formats.
- 2. Academic audit formats were revised and an attempt was made to quantify the performance.
- 3. NPTEL, Spoken Tutorials and virtual labs are included for reinforcing concepts taught in the classroom.
- 4. Documents for hostel were developed. Biometric for students was developed in the hostels. Daywise feedback mechanism was developed.
- 5. Software was developed for sending the hostel information to the university authorities night at every day.
- 6. In some departments individual profile of the students was developed right from the first year of the students
- 7. Logbooks and handouts are being used this leads to the interactive teaching and time bound completion of the activities.
- 8. Teaching of vocabulary through Google groups proved to be interesting to the students.
- 9. Learning in project mode in e-yantra lab is very useful to the students.

# 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 was formulated at the beginning of the year 2015-16 and got it approved in the first meeting of the IQAC. The following actions were taken up by the IQAC during the academic year 2015-16 for imparting quality.

- API format was developed with many further instructions to fill the formats and a meeting of the
  HODs was conducted and explained each and every point and copies of the format were supplied
  to them and asked them to conduct a meeting at department level and explain all the points to all
  the members of faculty. All the members of faculty were supplied with the formats and asked to
  update every month.
- 2. Collected all the formats with due enclosures and signatures at the end of June and were scrutinised by the members of the IQAC and in the final round of verification each faculty was called and the scores were shown to them for approval and necessary changes were made where necessary. Category-wise scores of the members of faculty of all the departments were handed over to the honourable vice-chancellor for further action.
- 3. API formats for non-teaching staff was also revised and the above procedure was adopted before finalizing the scores of the supporting staff.

- 4. Academic Audit format was redesigned to quantify the performance of the each member and the whole department too. These formats were supplied to all the HODs for further action. Deans of the faculty along with two other Heads of Departments conducted the Academic Audit of each Department and reports were collected by the IQAC.
- 5. All CAS promotions were subjected to the approval of the IQAC.
- 6. IQAC sub-committee, Departmental IQAC committees were constituted to decentralise the activities of the IQAC and necessary meetings were conducted.
- 7. Workshops were conducted for the Faculty Development through CDTL.
- 8. Each department is asked to conduct at least one quality related workshop in a year and we were able to conduct 9 workshops during the year 2015-16.
- 9. Curriculum was reorganized through Curriculum Development Centre.
- 10. Student feedback, alumni feed-back forms were developed and supplied to the Departments for collecting feedback and analysing the performance of the members of faculty. This academic year on-line feedback from the students collected.

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

A number of Best Practices are in vogue in various Departments of the University. The details of the innovative/ best practices are:

- 1. Development of Solar Power Trike by the Department of EEE.
- 2. Voice recognition system for visually impaired people.
- 3. Picture prompt practices for enhancing spoken English skills.
- 4. Learning through Google groups.
- 5. Software-based collaborative cloud applications.
- 6. Experiment-based chemistry teaching.

#### Other best practices in vogue are:

- 1. Research colloquium conducted in all the departments.
- 2. Preparation of lecture schedules by all the members of faculty.
- 3. Preparation of handouts for each course taken up by the members of faculty.
- 4. Release of quarterly / half-yearly newsletters by some departments.
- 5. Organization of guest lectures by subject experts in almost all the departments.
- 6. Organization of workshops / seminars / conferences / Symposia by all the departments.
- 7. Attending of faculty to various seminars / Workshops / Symposia / Conferences.
- 8. Encourage faculty to undergo Certification programmes and refresher courses in UGC-Academic Staff Colleges.
- 9. Conduct of Academic Audit at the end of each academic year.

- 10. Establishment of CDTL, SGRC and various other important centres in the university.
- 11. Staff welfare activities such as Medical insurance to the staff and all family members, Personal Interest free loan up to Rs. 1,00,000, festival advance once in a year, Pongal bonus for all staff members etc.
- 12. Sabbatical leave, provision to attend seminars etc.,
- 13. Organizing Industrial Visits / Educational Tour by most of the departments.
- 14. Celebrating important days such as International Women's Day, Teachers Day, National Science Day, National Education Day, Good Governance Day etc.
- 15. Organizing Monthly Departmental Committee Meetings.
- 16. Students' election / Class council/student cabinets were established.
- 17. Integrating ICT in Education.
- 18. Preparing Power Point Presentations by the members of faculty for all the topics of all the courses.
- 19. Establishment of smart classrooms in most of the departments.
- 20. First-Aid service with emergency medicines.
- 21. Guidance and Counselling Cell was established in the university.
- 22. Corporate internship programs and rural internship programmes are introduced in MBA department.

## 7.4 Contribution to environmental awareness / protection

A number of measures were taken up by the University towards Environmental Awareness and environmental protection.

- 1. Awareness lectures were organized for the students regarding the importance of environment.
- 2. Greenery was developed in the university in the form of lawns and planting of trees. Students were encouraged for this purpose.
  - 3. Sewage plant was in operation and being maintained well.
  - 4. University was declared as tobacco-free campus.
  - 5. Solar lights were erected in the campus.
  - 6. Solar plant was erected on the administration building.
  - 7. Green Cell was constituted and Green audit was conducted.
  - 8. Conducting experiments in chemistry with low concentrate chemicals.

7.5 Whether environmental audit was conducted?	Yes		No	<b>√</b>
--	-----	--	----	----------

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

All the steps initiated by the university to address the suggestions given by the peer team during the time of visit. There is a good deal of improvement in all the seven categories mentioned by NAAC. The university has academic and planning bodies which meet regularly and review its activities and policies. Board of Studies of each department meets at least once in a year. Guest lecturers, visiting professors, industry experts and alumni are invited to interact with the students as well as members of faculty.

All the departments made SWOC analysis of their own and the SWOC analysis of the university was done and necessary steps are being taken to overcome the weaknesses. In order to decentralize the administration of the university authorities constituted the Council of Deans and the council regularly meets to address various issues related to academic matter. Various committees such as anti-ragging committee, Disciplinary Committee, Students' Grievance Redressal Committee meets every month and minutes of the resolutions are recorded.

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

- 1. A New building with 24 rooms is being constructed for the purpose of class rooms. The construction of the building was about to complete and may be handed over by November of this month. First and second floors were completed. Internal work is going on right now.
- 2. A number of workshops/seminars are to be organized through CDTL for the improvement of quality in Teaching, Learning and Research.
- 3. Revision of API formats and Academic Audit formats in tune with the changing trends in the system.
- 4. To introduce performance linked incentives/increments to the members of faculty. Last year those members of faculty who fail to get 35% of score in PBAS annual increments were stopped. It is aimed that none of the members of faculty should get less than 125 score.
- 5. Encouraging faculty to publish more papers and guiding them to get extended funded projects.
- 6. To form 3 to 4 teams of faculty in each department on the basis of their interest and specialization to work in synergy with regards to planning of the activities, teaching as well as Research.
- 7. To develop a tool to find the departmental academic performance index.
- 8. To develop the parameters to analyze the quality of question paper of each programme of each department.
- 9. To develop course delivery graphs of each course taught by the member of faculty.
- 10. to install effective EARP system as an integrated university administration software package at the cost of Rs.15 Lakhs.
- 11. To start Faculty of Law.
- 12. To go for re-assessment by NAAC to get A grade.
- 13. To develop some more roads inside the university.

- 14. To develop 5 smart class rooms.
- 15. To purchase two more buses for the students and staff.
- 16. To set up project park and Energy part in the university.
- 17. To take energy conservation measures.

Name Prof. Dr. K. V. S. N. MURTY

Name Prof. Dr. Vistor Potty. V.S.

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

\*\*\*\*