

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION

1.2 Address Line 1

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION CAMPUS

Address Line 2

AGALAKOTE, B.H.ROAD

City/Town

TUMKUR

State

KARNATAKA

Pin Code

572107

Institution e-mail address

info@sahe.in

Contact Nos.

0816-2275516

Name of the Head of the Institution:

Dr. P. BALAKRISHNA SHETTY

Tel. No. with STD Code:

0816-2275526

Mobile:

9972041394

Name of the IQAC Co-ordinator:

Dr. GIRISH BABU.R.J

Mobile:

9964502527

IQAC e-mail address:

iqac@sahe.in

1.3 NAAC Track ID (For ex. MHCOGN 18879) : KAUNGN11428

1.4 NAAC Executive committee No.& Date: EC/71/A&A/10.1 DATE :16/11/2015

1.5 Website address: info@sahe.in

Web-link of the AQAR: www.iqac@sahe.in/aqar 2015-16

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.01	16/11/2015	15/11/2020

1.7 Date of Establishment of IQAC : DD/MM/YYYY 18/06/2015

1.8 AQAR for the year (for example 2010-11) 2015-16

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

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

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

(AICTE, MCI, DCI):

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

Deleted:

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*)

SRI SIDDHARTHA ACADEMY OF
HIGHER EDUCATION

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text" value="-"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="19"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="05"/>
2.3 No. of students	<input type="text" value="00"/>
2.4 No. of Management representatives	<input type="text" value="03"/>
2.5 No. of Alumni	<input type="text" value="00"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="00"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="00"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="28"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="08"/> Faculty <input type="text" value="04"/>

Non-Teaching Staff Students Alumni Students

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. International National State Institution Level

2.14 Significant Activities and contributions made by IQAC

- The IQAC has been working on developing quality and key performance indicators for the institution.
- The key focus has been on feedback for majority of the stakeholders like alumni parents, employees, industry etc. The feedback analysis is done by the IQAC and report to individual institution is provided.
- IQAC significantly contribute towards greater environmental consciousness among all its stakeholders. It has taken initiative action towards green and healthy campus. To Maintain health and fitness among stakeholders, Yoga demonstration and practicing sessions are organised in the campus.
- IQAC is working towards national interpretation by celebrating various regional festivals and conducting various talks on eminent personalities. Observing “ No Tobacco Day”, “ Oral Hygiene Day”, “Diabetes Day”, “ Anti Rabies Day”, “Helmeton”, showcasing Medical education to Public through “ Medex” are made regular events in the campus.
- IQAC has conducted workshops, Conferences and Faculty Development Programs.
- Personality development programs for the students were also conducted.

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
Training Programmes for Teachers in the forms of Revised Basic Course MET Workshop	50% Teachers Covered
Upgrading the Preclinical Phantom head laboratory to enhance the learning of UG student.	-
All the audit courses were made mandatory without semester end examination and are considered only as a continuous internal evolution.	-

* 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

Appropriate changes were made to AQAR following inputs from the members.

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	09	-	09	09
PG	32	-	32	32
UG	11	-	11	11
PG Diploma	07	-	07	07
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	59	-	59	59
Interdisciplinary	-	23	23	23
Innovative	-	02	02	02

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	-
Annual	19

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

Mode of feedback : Online Manual

**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.

- Revision of first BE syllabus has been done.
- About 20% of syllabus has been revised based on industry need

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

- Curriculum development cell has been formulated to review the structure & syllabus according to the requirement of the stake holders.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
417	207	83	124	03

2.2 No. of permanent faculty with Ph.D.

40

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
05	-	-	01	01	-	-	-	06	01

2.4 No. of Guest and Visiting faculty and Temporary faculty

05

-

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	27	44	266
Presented papers	26	19	58
Resource Persons	02	14	67

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

- Medical/Dental:
 - MCQ
 - Centralised Internal assessment conduction & evaluation
 - Skill assessment evaluation Pre-& Para clinical programmes
- BE
 - Bar coding, double evaluation, photocopy & Challenge evaluation
 - Summer semester

2.7 Total No. of actual teaching days

250

during this academic year

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

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

122	190	13
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2.10 Average percentage of attendance of students

85

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
MBBS	480	2	20	40	38
BDS	162	0	4	40	56
SSIT	1440	6	21	43	30

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

- The IQAC periodically assess the feedback taken from the students, alumni, parents, and faculty & suggest suitable inputs to academic section. Continuous performance assessment cards on regular basis.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	157
Orientation programmes	150
Faculty exchange programme	-
Staff training conducted by the university	31
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	215
Yoga	58

2.14 Details of Administrative and Technical staff

Category	Number of	Number of	Number of	Number of
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	Permanent Employees	Vacant Positions	permanent positions filled during the Year	positions filled temporarily
Administrative Staff	92	-	5	5
Technical Staff	118	-	8	10

Criterion – III

3. Research, Consultancy and Extension

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

- The IQAC provides special training in research methodology for UG, PG & faculty by conducting Workshops, Seminars, CME and by sponsoring them to attend national/international scientific meetings.
- The funds are allotted for research grants, seed money, incentives, procurement of instruments & faculty developmental programmes.
- Research facilities such as access to online journals of ASCE, ASME, IEEE, Pubmed & in med.
- Promotion to the PhD holders.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	20	48	32	-
Outlay in Rs. Lakhs	13,65,053/-	38,83,525/-	18,00,000/-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	3	8	-
Outlay in Rs. Lakhs	2,44,000/-	9000/-	2,53,000/-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	102	53	-
Non-Peer Review Journals	-	20	-
e-Journals	10	15	-
Conference proceedings	15	252	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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 (in Lakhs)	Received (in Lakhs)
Major projects	46	KCTU	31.45	21.86
Minor Projects	34	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	69	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	06	KSCST	0.3	0.3
Any other(Specify)	-	-	-	-
Total	155	-	31.75	22.16

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

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

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	07	-	-	01
Sponsoring agencies	-	TEQIP & SSAHE	-	-	TEQIP & SSIT

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
01	-	01	-	-	-	-

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

37

162

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

06

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level State level

National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="12"/>		
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="21"/>	Any other	<input type="text" value="-"/>

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

- * Electrical & electronics, computer peripherals awareness programmes at rural government high schools.
- * Computer education at rural government high schools.
- * Visit to the orphanages & old age homes
- * Swach Bharath Abhiyan in villages
- * Community Health services

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing (Acres)	Newly created	Source of Fund	Total (Acres)
Campus area	SSMC: 223 SSDC: 25 SSIT: 50	-	-	298
Class rooms	71	-	-	71
Laboratories	85	-	-	85
Seminar Halls	44	-	-	44
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	90	14	-	114
Value of the equipment purchased during the year (Rs. in Lakhs)	200	72	College	272
Others	-	48	College	48

4.2 Computerization of administration and library

<ul style="list-style-type: none">➤ Student information system➤ Management information system➤ Tally –ERP software➤ New Gen LIB management software➤ Digital Library Soft ware: D –SPACE
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4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	106529	3.92 Cr	3883	0.31 Cr	92397	4.23 Cr
Reference Books	13221	0.27 Cr	495	0.26 Cr	7062	0.52 Cr
e-Books	125000	UGC/INFONE T membership	256	0.015 Cr	125256	0.015 Cr
Journals	1054	3.56 Cr	125	0.27 Cr	834	3.83 Cr
e-Journals	7149	UGC/INFONE T membership	234	0.10Cr	6481	0.10 Cr
Digital Database	04	16,000/-	01	.04 Cr	03	0.0416 Cr
CD & Video	865	35,450/-	27	0.0005 Cr	130	0.0004 Cr
Others (specify)	23	-	14	-	37	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	865	22	60	Wi Fi (03)	03	10	44	-
Added	158	02	1052	-	-	-	-	-
Total	1023	24	1112	-	03	10	44	-

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

- The digital Library Campus has been upgraded & Wi-Fi Facilities are available round the clock.
- The faculty & students are constantly upgraded on the available facilities through training & orientation programmes.

4.6 Amount spent on maintenance in lakhs :

i) ICT	15.7
ii) Campus Infrastructure and facilities	57
iii) Equipments	85
iv) Others	04
Total :	116.7

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student support & monitoring system
- Orientation classes for the I st year students
- T & P cell organizes special lectures, workshops, PDP
- Students are provided with Handbook cum work Planner
- Student internship is provided in collaboration with industry
- NSS/NCC activities
- Students are encouraged to participate & present posters / papers in state, national & international conferences & meetings

5.2 Efforts made by the institution for tracking the progression

- Student counselling
- Feedback system
- Grievance redressal Cell
- Result Analysis & progress reports
- Effective mentorship both intra & inter departmental at all phases
- Parent teacher Interaction periodically
- Slow learning are identified & remedial classes are introduced

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2500	316	163	-

(b) No. of students outside the state

740

(c) No. of international students

124

No	%
406	56.7

Men

No	%
310	43.3

Women

General	Last Year					Total	This Year					Total
	SC	ST	OB C	Physically Challenged			General	SC	ST	OBC	Physically Challenged	
1283	178	176	981	04		2622	1506	181	183	1071	03	2944

Demand ratio

Dropout %

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

- Well qualified staff always motivates & guide the students to take up competitive exams & are always available for the students to clarify their deficiencies in the subject matters.
- Digital library with Wi-Fi facility is provided to aid them in preparation.
- MCQ are being introduce in class texts and same are being discussed at end of each classes so that the pattern of exams is made aware of.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="05"/>	SET/SLET	<input type="text" value="09"/>	GATE	<input type="text" value="18"/>	CAT	<input type="text" value="02"/>
IAS/IPS etc	<input type="text" value="02"/>	State PSC	<input type="text" value="03"/>	UPSC	<input type="text" value="02"/>	Others	<input type="text" value="03"/>

5.6 Details of student counselling and career guidance

- A separate Student counselling & career guidance cell is established, through which students are made aware of job opportunities & research activities.
- Students are also helped in providing placements to own alumni in various departments.

No. of students benefitted

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
35	302	226	80

5.8 Details of gender sensitization programmes

- Zero tolerance towards gender based discrimination policy is strictly followed.
- Women empowerment & welfare committees comprising of teaching, office staff & students.
- International women day celebration, Girl child education & its importance
- Stress management techniques were being taught for Both faculty & students.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount (In Lakhs)
Financial support from institution	22	17.55
Financial support from government	1300	270
Financial support from other sources	32	11.65
Number of students who received International/ National recognitions	03	2.5

5.11 Student organised / initiatives

Fairs : State/ University level	<input type="text" value="04"/>	National level	<input type="text" value="01"/>	International level	<input type="text" value="-"/>
Exhibition: State/ University level	<input type="text" value="03"/>	National level	<input type="text" value="01"/>	International level	<input type="text" value="-"/>

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- * Examination related eligibility problems
- * Hostel related problems

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

- Entrancing Education to reach the unreached.

MISSION

- Providing a congenial ambience for learning and creativity in young minds.
- Providing high quality medical education and prepare the student to be citizens of the world, proficient in their respective field and to respond to the needs of the society in which they live.
- Providing research and public service activities relevant to the needs of the society.
- To train the student to be morally responsible to the community and serve humanity to their utmost ability.
- Promoting own capacity to manage and develop the institution as possible.

6.2 Does the Institution has a management Information System

- University websites with complete information about the faculties, colleges available: info@sahe.in, vc@sahe.in, register @sahe.in coe@sahe.in
- National Knowledge Network Database.
- www.my-gurukul.com (Student information System)

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

6.3.1 Curriculum Development

- The board of studies and other authorities of University regularly meet over prescribed periods to assess the impact of the curriculum.
- Every effort is made by the authorities to include topic, programs in emerging thrust or interdisciplinary areas.
- In all the courses medical, dental and engineering, designed at least two bridge courses in the form of problem based learning, enrichment course and value adding courses.
- Equal importance has been given to all branches based on relevance, national and global need at UG & PG level
- In all the constituent colleges of soft skills and communication skills are appropriate personality developments sessions are designed and implemented.
- The national and international faculty provide their appropriate feedback for curriculum aspects during their visits for academic or regulatory activities

6.3.2 Teaching and Learning

- The university prepares academic calendar for all the constituent colleges. The constituent colleges while complying to university academic calendar meticulously prepare various time tables, such as college time table, semester time table, year wise time table, subject wise time table, teacher topic time table, lesson plans. The annual calendar of events incorporate tentative-examination schedules, schedules for college day, cultural , sports , co curricular activities, alumni meet and parents meet. The teaching schedule is rigorously implemented.
- Every effort is made to provide excellent learning experiences to students at the different settings, including community-industry and rural setting. Varied teaching methods include experimental learning, didactic and participative learning and problem solving methods .
- Other teaching methods used are computer facilities, internet , use of laboratories, e-journals, video conferencing, seminar symposium hands on experience, work in rural setting are routinely practiced. All the teachers are trained in working knowledge of computers and internet.
- The teachers use advanced technologies for teaching learning. Mentorship is effectively practiced at all the constituent colleges, mentor-mentee list is maintained appropriate academic and personal needs of the students are monitored. The mechanism to recognize creative and innovative contributions of faculty and students is in place in constituent colleges. The post graduate students have to complete the dissertation as a partial fulfillment of the program. The students provide feedback on teacher performance, the output analysis is used to enhance of teaching learning process.

6.3.3 Examination and Evaluation

- Every academic Programme of the university has well- structured syllabus including the evaluation process. The academic calendar is provided to each students.
- The stake holders are the university, the constituent colleges, the students and the parents. The evaluation process of the university is designed within the framework of the guidelines stipulated by the respective apex bodies. The evaluation process so designed is approved by the Academic Council and ratified by Board of Management.
- The constituent colleges are also actively involved in constitution of panel of approved external and internal examiners. The students and parents are informed about the pre evaluation, evaluation and post evaluation processes during the induction programs, which are conducted for each PG & UG programme in the constituent colleges. The scheme of examination is described in the syllabus which is made available to all students and parents Examination dates, results etc. are announced through website, notifications. Teachers are well trained for evaluation methods. Facilities for verification of marks is made available to students.

Following examination reforms have been successfully implemented.

- Work of examination section is fully computerized
- CCTV and Mobile Jammers in examinations hall has led to least number of malpractices.
- Flying squads visit examination hall regularly.
- Theory examination of all the courses of the constituent colleges are subjected to double valuation i.e. one external and one internal. Third valuation is carried out in case of variation beyond the accepted norms, as a standard practice. Four valuations for Post graduates. Three external Examiners are appointed for Ph.D thesis.
- Provision for re totaling if applied.
- Ten sets of questions papers set by examiners outside the state, verified and scrutinized. Just before theory examination a student in the examination hall will pick one set of question paper.
- Separates dates and time for paper valuation by external and internal examiners.
- The integrated examination platform for Pre-examination, Examination process and Post Examination process is computerized and is directly under the supervision of Controller of Examinations (COE)

6.3.4 Research and Development

- The University has constituted research committee to monitor the research promotion, resource mobilization, research facilities and research publications. All the constituent colleges have research committee headed by senior professor, two heads of the departments and two faculty members as members of the committee. UG and PG students are nominated to this committee.
- **Medical college:** The research committee identified infertility and genetic diseases as thrust areas of research which has led to establishment of IVF research centre and Department of Cytogenetics. The reputed research scholars are appointed to head these centres. Allotting funds for research projects has increased the research activities and it also encouraged more number of faculties to take up research projects. The faculty is given incentives for scientific paper presentation in national and international conferences. It has increased number of research projects submitted for grants.
- **Dental college :** The committee had recommended to develop an information resource center , enhance training in research methodology and develop infra structure for research in histopathology ,as a result ;
Institutional information resource center has collection of international as well as national academic *research journals, both current and back volumes (starting from 2010)*. Training in research methodology has been initiated for students and faculty which are organized during the August/September months of every academic year and is facilitated by external as well as in house resource persons.
- **Engineering college:** The steps taken by the Research Committee has yielded positive results with funded projects approximately totaling Rupees 50 lakhs obtained from various funding agencies such as DST,DSIR,KPCB,KCTU etc., for the past four years (ie) after the committee formation. • Publications by the faculty in National/International journals and conferences are improved

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The constituent colleges have constituted library advisory committee. A senior professor heads the library advisory committee as chairperson. Few teachers and students are also members of this committee. The committee meets once in two months and comprehensively assesses the performance of library in 50 performance indicators. Library performance is also ascertained through library users' feedback from stakeholders
- Library as a Learning Resource, Our Central Library is well equipped with modern facilities including wi-fi technology and Closed Circuit Television System (CCTV). Open Access System is being followed in the Central Library. In addition to the well stocked Central Library, each department of our college has their own departmental Library to facilitate easy access to the faculty, students and research scholars. It is a five-storey Library building with the space for conducting group discussions, separate reading hall for Staff and Students, e-Library, Reference hall and Stacking Area etc. It is a semi air-conditioned modern Library Fully automated with bar-coded environment and also recently smart ID card system has been introduced.
- Library has computer work stations to provide online and Internet services to the faculty, research scholars, and students. The internet services are available during the working hours of the library: Medical College Library (9.00 a.m. to 8.00 p.m.), In addition to Internet/Online facilities in Library, desk top access in various departments and multi-user access at Central Computer Unit also have been setup.
- The institution ICT is supported by a Sr. System Analyst, two System Analysts and other staff responsible for the Campus Wide ICT requirement and security. All the systems, necessary for network and information security are in position. In fact, the Institution has already initiated action to establish its Datacenter, enhance network efficiency and ensure full network security using state-of-the-art UTM technology.
- *Physical facilities* Sri Siddhartha Medical College-Additional building like Demonstration Rooms, Library, Examination Hall, Seminar Hall, additional hostels and other works at a cost of over 100 crores, Cathlab, IVF Research Center and Dialysis Center investment on furniture's and equipments for Rs. 32 Crores. Sri Siddhartha Institute of Technology: A modern classroom complex and science department has been constructed at a cost of Rs. 13 crores ,2 New Ladies hostel has been constructed at cost of Rs. 4 crores. Sri Siddhartha Dental College-Face lifting of College building Rs. 3.00 Crores Equipments of the College: Rs. 3.00 Crores. The colleges provide facilities for working knowledge of computers, internet to students; and these facilities are argumentum from time to time such as increasing the speed of Wi-Fi, touch screen facilities, e-journals and availing membership for INFLIBNET and national knowledge network (NKN).
- *Clinical learning resources* medical college hospital established in 1998 present in the same campus owned by the college. total number of beds 867, speciality services 10, super speciality services 4, number of beds- ICU=7, ICCU=7, BURNS ICU=10, SICU= 5, PICU=8, NICU=7. operantions theatre 11, Number of diagnostic service departments- Biochemistry, Pathology, Microbiology, and Radiology department. the service are landurey, kitchen, CSSD, back up power supply, AC plant, many fold room, pharmacy services, blood bank services including cell separator, Ambulance services, hospital pharmacy. Pharmacovigilance – ,Mortuary, cold storage facility –the teaching hospital display the services provided free of cost , Complaint boxes and redressal cell is formed.

6.3.6 Human Resource Management

- The university co-ordinates with constituent colleges and takes care of performance based appraisal.
- Various committees such as women empowerment, behavioural cell committee, feedback committee, alumni association & parent teacher associations take care of the human resource management.
- Follows the process of assessing sufficient human resource requirements, staff recruiting, monitoring and planning professional development programmes for personality development. Faculty training takes place periodically.

6.3.7 Faculty and Staff recruitment

- The university has laid down norms for the recruitment of teaching and non teaching staff as per the norms of the statutory bodies. The recruitment is by open advertisement and the selection is by the selection committee constituted based on the university bye-laws and UGC guidelines.
- The recruited faculty are assessed annually by self appraisal method and peer evaluation and student feedback the analysis of which gives way for further enhancement and up gradation of their skills and knowledge. The university also encourages faculty participation in continuing education programmes as well as various national and international training programs, workshops and conferences. Skill development programs are mandatory for the non-teaching faculty of the university

6.3.8 Industry Interaction / Collaboration

- Industry Interaction-....the institution conducts various camps such as surgical screening camps, school screening camps and camps for various employees of the surrounding industries. The medicines and drugs are provided free of charge during such camps Internationalization-the university desires to involve the participation and collaboration with other international universities. The institution-industry interactions resulted in the establishment of genetic lab, Cath lab and IVF centre.
- MOU with TCS, Infosys, Vi Microsystems, Kamath transformers, DbSons' , Integrated Electric Company.
- Students are provided with industry exposure by arranging industrial visits & also encouraged to carry out projects in the industry.

6.3.9 Admission of Students

- The university has established admission process and is widely publicized in prospectus, website, students handbook and through other appropriate advertising media. The necessary admission process eligibility conditions, category wise seat allotments and other admission needs are made available on the university website. The student admissions of the constituent colleges is reviewed over the period for category wise enrollment to create necessary facilities for the needed category of students. The university follows the admission policy of regulatory authorities and government guidelines at time to time, implements all reservation policy.
- Admissions to various courses are based on the merit secured in all India entrance test conducted by the University (SAHE-AIPGET, SAHE-AIUGET). The eligible candidates list is announced on the University website. The University follows admission based on central counseling as per the preannounced schedule. Transparency is ensured from the stage of notification till the completion of admission process.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

- The staff are extended health benefits at the Sri Siddhartha hospital (SSMC) at no or subsidized costs.
- The staff children extended benefits of the concession wherever applicable
- 2 - 4 months maternity leave to female employees
- Facility for spiritual development, yoga and meditation at SAHE campus.
- Housing society for employees
- So far nearly 80% of the staff and family availed from the various schemes.
- All teaching and nonteaching staff are extended welfare benefits of contributory provident fund, gratuity, ESI and other insurance scheme as may be applicable in accordance with law.
- Subsidized treatment for all teaching and non teaching staff and their dependants under the aegis of Sri Siddhartha Education Society in medical and dental colleges
- Quarters facility in the campus for teaching and support staff
- Teaching and non teaching staffs are enrolled under Pradhanmantri Jeevan Bheema and Surasha Bheema Yojana. Premiums for the respective years are refunded by cash.
- Transport facility for teaching and non teaching staff at nominal fees.
Wards of teaching and non teaching staff are given priority and subsidized education under the aegis of Sri Siddhartha Education Society in all schools and colleges. Apart from afore mentioned welfare schemes the teaching and non teaching staff are provided with recreational/ sports facilities / spiritual support in the institution
- A separate women welfare committee has been formed to monitor the safety of the women, staff and students.
- Student welfare measures such as scholarships and insurance is provided in all the colleges.

6.5 Total corpus fund generated

5.47 Cr.

6.6 Whether annual financial audit has been done

Yes

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA/TEQIP	Yes	Academic audit committee.
Administrative	Yes	By Chartered Account appointed by Society	Yes	Principal & IQAC cell

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

For UG Programmes

Yes

For PG Programmes

Yes

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

- All the constituent colleges of the University have separate Board of Studies. These Boards of studies meet biannually to discuss examination reforms.
- Independently, the constituent colleges are conducting entrance examination, admission, conducting examination & declaring results.

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

- The heads of the constituent colleges have academic and administrative autonomy for smooth functioning of the system.
- The communication and decision making channel is made decentralized. The constituent colleges have constituted internal quality assurance cell headed by the principal of the college. Different committees are constituted under IQAC to monitor academic, administrative, human resource and examination activities at the constituent level. The administration is decentralized and participative management is visible.
- The university provides academic autonomy to all the departments. The departments have accountability to provide curriculum of relevance and global competence to the learner. To achieve this academic autonomy and empowerment is given to departments. The departments through the board of studies fulfill their accountability.

6.11 Activities and support from the Alumni Association

- The colleges have registered alumni association ,meetings are regularly arranged.
- It has been functioning and meeting regularly. Few members of the alumni are also part of teaching staff. Regular feedback will be provided by the aluminous in terms of administration, student welfare and faculty recreational activities, Along with guidance for the recent passed out students in terms of practice management.
- Students alumni external experts are represented in committees of the internal quality assurance cell.
- Alumni feedback and are considered during curriculum redesign.
- Board of studies while reviewing considers the feedback analysis received from alumni.
- Through our alumni's, our students are placed in MNC Companies
- The Alumni Meet is fixed on 2nd Sunday of December every year which provides a platform to the students to come in contact with their seniors who are working in different places. This interaction will help the students to prepare themselves as per demand in the job market.

6.12 Activities and support from the Parent – Teacher Association

- Parents are important stakeholders.
- **SIS (Student Information System):** This system helps, Parents to view the academic details of the student.
- Parent -teachers meeting is conducted every year to keep the parents updated about their wards performance and also to discuss about the area of weakness.
- Students with poor performance in academics and shortage of attendance status will be immediately reported to the parents through principal.
- Irregularity of the student is notified to the parents immediately through e-mails, phone and post.
- Informing the parents about any abnormal/untoward behavior of the wards immediately.
- Parents are informed about the pre evaluation, evaluation and post evaluation processes during the induction programs,
- Parent's suggestions are also considered in community orientation.
- Parents appreciated regarding the mentors system. Encouragement and interest shown by them regarding their ward's academic status either by calling or mailing the mentor or principal is the biggest success.

6.13 Development programmes for support staff

- Support staff are extended welfare benefits of contributory provident fund, gratuity, ESI and other insurance scheme as may be applicable in accordance with law.
- Subsidized treatment for all support staff and their dependants under the aegis of Sri Siddhartha Education Society in medical and dental colleges
- Quarters facility in the campus for support staff
- Support staff are enrolled under Pradhanmantri Jeevan Bheema and Surasha Bheema Yojana. Premiums for the respective years are refunded by cash.
- Transport facility for support staff at nominal fees.
- Wards of Support staff are given priority and subsidized education under the aegis of Sri Siddhartha Education Society in all schools and colleges.
- Conducts regular communication skills and soft skills up gradation for the supportive staff. Guest lecturers communication , skills workshop are conducted by the institution
- Hepatitis screening and vaccination program are periodically done to reinforce the same among both support staff.
- Apart from afore mentioned welfare schemes support staff are provided with recreational/ sports facilities / spiritual support in the institution

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

- Sign boards are placed at strategic points to encourage students and staffs to turn off the lights, fans, Ac's and computer terminals when not in use.
- Car pooling by the staffs. Buses run by institute for staff, students and patients.
- Staffs and students are encouraged not to use vehicles within the campus.
- Encouraging students and staffs to use bicycles and electric vehicles in campus.

- The emphasis on recycling water is done in the institution.
- Regular awareness campaigns.
- Planned power shutdown in hostels during periods of low occupancy.
- Phasing out of incandescent lamps and partial phasing out tube lights in favor of CFLs or LED bulbs.
- Water filtration plant for consumption.

Plantation

- To motivate and encourage the students, the university came up with the idea of green revolution wherein each new student has to plant a sapling and takes care of the same till he/she graduates.

Hazardous waste management

- The disposal of bio waste and hazardous waste material from the departments is stored in specific color coded bags and then disposed through certified agency. That disposal process is carried out by the bio medical waste certified agency.

E waste management

- The low configuration computers that are in excellent working condition are donated to the schools run by our society (SSES).

Minimal usage of papers

- Emphasis on paper less governance. By encouraging the usage of recycled papers.

Smoke free and junk food free campus

Energy conservation Energy conserving lights like CFL, LED are used in the campus.

Use of renewable energy - Has a solar based Lighting System in the campus

Water harvesting - Rain-water harvesting project is functioning

Efforts for Carbon neutrality - 98% of CRT Monitors are changed into LCD Monitors.

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.

- Virtual class would enhance better learning for the learners and minimize size of the class.
- Fellowship programs for the in-house faculties like FAIMER and Fellowship in Medical Education FIME (MCI Recognized) are undertaken on periodic basis for updating the continuum of learning.
- Public Health Awareness created through Conduct of Helmet Campaign‘ and prompted by the Youth Road Safety Project. This campaign comprised of multiple sub-events like, Bike Rally, Helmet2K15- an inter-college literary event and HELMETHON.
- MEDEX is conducted to create public awareness regarding health and diseases. It provides a platform to innovatively present their ideas like crime scene

investigation, bomb blast and —shadow play|| for demonstrating anaesthesia

techniques and maternal mortality scenario, Role play for epilepsy.

- Clinical practice-started Regeneration medicine using embryonic stem cell.
- Research in embryology.
- Yoga classes for pregnant women and Medical students have been initiated.
- **e- Governance** i.e. the circulars and notices are mailed so it is paper less.
- **Public Private Partnership: RNTCP, ICTC**, Program for Motivation of body donation
- **SIS (Student Information System)**
- **Solar water heater**
- **Solar Lights**
- **Biometric Attendance system**
- **Personality Development Programs**
- **Faculty Development Programs**
- **MoU Signed with industries**
- **Sponsored Projects:** Socially relevant Projects are sanctioned by KSCST, SSES
- **Use of Sophisticated equipment** All labs are updated with latest equipment

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

1. To strengthen infrastructure facility in the hospital
 - Cath-Lab & Dialysis units were introduced and are functional.
2. To improve and strengthen the MoUs signed with Organisations
 - MoU with Uganda & Malaysian Universities.
3. To make Helmet rule Mandatory
 - The Helmethon campaign was received with positive response to such an extent that the Mandatory helmet rule was enforced in Tumkur District
4. To strengthen infrastructure facilities, laboratories are partially established to carry out the research activities

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

- Medical College**
- Basic course Workshop in Medical Education Technology
 - Research methodology workshop.
- Dental college**
- Students mentoring system.
 - Dissertation review system.
- Engineering college**
- Special coaching to first year B.E. students in English, Mathematics and communication skills.
 - Research and Development
 - Siddhanta community radio FM 90.8

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

7.4 Contribution to environmental awareness / protection

Swachh Bharath initiative was organized in the campus.

- Our institution always loves to promote, advocate and motivate its faculty and students towards the preservation of the nature. The university takes a number of measures to educate and motivate the students and faculty to maintain a green campus.
- The university and the constituent units are situated in 170 acres of lush green, eco friendly campus. The university makes an effort to maintain and increase the greenery therebymaintaining the campus

Plantation

- To motivate and encourage the students, the university came up with the idea of green revolution wherein each new student has to plant a sapling and takes care of the same till he/she graduates.
- This is done by celebrating the environmental day. It was initiated in the year 2014, where both the students and staffs (teaching & non teaching) enthusiastically took part in the programme.
- On this day each person plants a sapling and takes the charge of it till he/she stays in the institute.
- This has improved eco- consciousness, energy conservation and has led to energy efficient measures.
- 1200 saplings are planted in and around the college campus.

Water harvesting

- Rain-water harvesting project is functioning in the college. Waste water in the institution has been recycled and used for gardening.

7.5 Whether environmental audit was conducted? Yes



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

- Design and implementation of NLP tools for Kannada Languages
- Study & design of land fill site hazardous waste management , Dobbspet
- Case study on Baiasuru making tank bund & its remediation

8. Plans of institution for next year

- Starting innovative & interdisciplinary faculty development programmes in the life sciences.
- Up graduation of laboratories
- Online feedback systems will be introduced.
- Full fledged partial discharge High voltage engineering lab
- DST R & D proposal for design and fabrication of flexible valve actuation system of IC engine for improved performance.
- Free education to three meritorious students in each branch Of BE and fellow ship to all M.Tech Students.

Name: Dr. GIRISH BABU.R.J

Name: Dr. P. BALAKRISHNA SHETTY

Sd/-

Sd/-

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
