

Part – A

I. Details of the Institution

1.1 Name of the Institution

Sri Siddhartha Institute of Technology

1.2 Address Line 1

Kunigal Road

Address Line 2

Maralur

City/Town

Tumkur

State

Karnataka

Pin Code

572 105

Institution e-mail address

principal@ssit.edu.in

Contact Nos.

0816-2200314

Name of the Head of the Institution:

Dr. M K Veeraiah

Tel. No. with STD Code:

0816-2200999

Mobile:

98441 27487

Name of the IQAC Co-ordinator:

Dr. G S Sheshadri

Mobile:

98804 07292

iqac@sahe.in

IQAC e-mail address:

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

1.4 Website address:

www.ssit.edu.in

Web-link of the AQAR:

iqac@sahe.in

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.01	2015	5 Years 15/11/2020
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

25.06.2015

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

2016-17

1.8 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)4
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University State ☐ Central ☐ Deemed ☒ Private ☐

Affiliated College Yes ☐ No ☒

Constituent College Yes ☒ No ☐

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

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

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☐ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

Sri Siddhartha Education Society

1.10 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☒ Health Science ☐ Management ☐

Others (Specify)

Nil

1.11 Name of the Affiliating University (*for the Colleges*)

Sri Siddhartha Academy of
Higher Education

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

Autonomy by State/Central Govt. / University

**3 of the UGC Act, 1956 Vide MHRD GOI NO.F.9-
31/2006-U.3 (A) DTD.30.05.2008**

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

2. IQAC Composition and Activities

2.1 No. of Teachers	34
2.2 No. of Administrative/Technical staff	04
2.3 No. of students	02
2.4 No. of Management representatives	01
2.5 No. of Alumni	01
2. 6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	45
2.10 No. of IQAC meetings held	02

2.11 No. of meetings with various stakeholders:	No.	2	Faculty	2
Non-Teaching Staff /Students	2	2	Alumni	- Others

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- The Internal Quality Assurance Cell has been working on developing quality and key performance indicators for the institution.
- IQAC has conducted workshops, Conferences and Faculty Development Programs
- IQAC has observed “Environment Day” and “Yoga Day” apart from regular techno-medical campaign.
- Personality Development Programs for the students were 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
UG Program ➤ Modification in II year B.E. ➤ Self-study component to be added ➤ For lateral entry students, one course on Fundamental Mathematics (3 Credit) has to be introduced and exemption for one of the courses in their program of 3 credit.	➤ All the audit courses are made mandatory without semester end examination and are considered only as a continuous internal evaluation. ➤ In Eighth semester the credit of 20 for project work has been reduced to 14. ➤ One theory course of 4 credits has been introduced.

M Tech. programme ➤ Change in structure and syllabus ➤ Introduction of laboratories ➤ Summer Semester (Crash) for failed students	
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* 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

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Part – B

Criterion – I

I. 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	08			
PG	08			
UG	09			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	25			
Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
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Semester	17
Trimester	
Annual	08

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

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

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

- Revision of first year B E syllabus has been done.
- About 15-20 % of syllabus has been revised based on industry needs.

1.5 Any new department/centre introduced during the year. If yes, give details.

Curriculum Development Cell has been formulated to review the structure and syllabus according to the requirements of the stakeholders

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
157	105	21	31	----

2.2 No. of permanent faculty with Ph.D.

37

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
--Nil--		--Nil--	1	--Nil--		--Nil--		--Nil--	

2.4 No. of Guest and Visiting faculty and Temporary faculty

2

Nil

Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	22	14	-

Presented papers	22	14	-
Resource Persons	01	02	-

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

✓ Self Study ✓ Case Studies ✓ Implant Training ✓ Outcome Based Education ✓ Choice based Credit Based System ✓ Bringing Lab to Class Rooms
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2.7 Total No. of actual teaching days

during this academic year

241

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

Bar Coding, Double Valuation, Summer Semester, Photocopy, Challenge Evaluation

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

65

170

08

2.10 Average percentage of attendance of students

90

2.11 Course/Programme wise

distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BE	1780	62	24	8		6
M.Tech.	52	92	8			

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

- The IQAC periodically assesses the feedback taken from the students, alumni, parents, faculty and
- Suggest changes to Academic Section accordingly

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	NIL
UGC – Faculty Improvement Programme	NIL
HRD programmes	157

Orientation programmes	85
Faculty exchange programme	NIL
Staff training conducted by the university	NIL
Staff training conducted by other institutions	NIL
Summer / Winter schools, Workshops, etc.	157
Others	-

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	37	--	--	--
Technical Staff	48	--	--	--

Criterion – III

3. Research, Consultancy and Extension

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

- Faculty members have been encouraged to pursue Ph.D. and financial assistance is provided for research publications in the peer reviewed journals.
- Enhancing institution research facilities such as access to online journals of ASCE, ASME, IEEE
- Procurement of hardware and software which are useful for research
- Promotion to the PhD holders

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	1	NIL	NIL
Outlay in Rs. Lakhs	NIL	31.45 Lakhs	NIL	NIL

3.3 Details regarding minor projects

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

3.4 Details on research publications

	International	National	Others
Peer Review Journals	20	35	NIL
Non-Peer Review Journals	NIL	20	NIL
e-Journals	NIL	NIL	NIL
Conference proceedings	15	252	NIL

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	Received
Major projects	03	KCTU	31.45 Lakhs	21.86 Lakhs
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)	01	KSCST	0.3 Lakhs	0.3 Lakhs
Any other (Specify)				
Total			31.75 Lakhs	

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		06			01
Sponsoring agencies		TEQIP			TEQIP and 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	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

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

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

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them	36	160
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	NIL	SRF NIL Project Fellows NIL Any other NIL
3.21 No. of students Participated in NSS events:		
University level	170	State level NIL
National level	NIL	International level NIL
3.22 No. of students participated in NCC events:		
University level	NIL	State level NIL
National level	04	International level NIL
3.23 No. of Awards won in NSS:		
University level	NIL	State level NIL
National level	NIL	International level NIL
3.24 No. of Awards won in NCC:		
University level	NIL	State level NIL
National level	01	International level NIL
3.25 No. of Extension activities organized		
University forum	NIL	College forum 09
NCC	NIL	NSS 21 Any other NIL

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

- Electrical and Electronics, Computer peripherals awareness programme at Rural Government High Schools
- Computer Education at Rural Government Higher Primary Schools
- Visit to the orphanage and old age homes
- Swachh Bharat Abhiyaan in villages
- Using of LED lights
- Technology Barrier Reduction Programme for Govt. High School students of Tumkur 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 acres			
Class rooms	60			
Laboratories	50			
Seminar Halls	12			
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.		06		
Value of the equipment purchased during the year (Rs. in Lakhs)		52 Lakhs	College	
Others		48 Lakhs	College	

4.2 Computerization of administration and library

- Student Information System
- Management Information System
- Tally-ERP software
- New Gen Lib Management Software
- Digital Library Software: D-SPACE

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	85045	1,92,56,447.00	3728	21,88,936.00	88773	2,14,45,383.00
Reference Books	6128	17,77,120.00	475	2,61,250.00	6603	20,38,370.00
e-Books	125000	UGC/INFONE T Membership	256	1,55,000.00	125256	UGC/INFONET Membership 1,55,000.00
Journals	143	5,60,095.00	73	88,750.00	216	6,48,845.00
e-Journals	6247	UGC/INFONE T Membership 10,000.00	234	10,48,896.00	6481	10,58,896.00
Digital Database	2	16,000.00	1	3,82,320.00	3	3,98,320.00
CD & Video	34	34,500.00	6	5,225.00	40	39,725.00
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	800	18	60 Mbps	01	01	02	13	-
Added	150	02	-	-	-	-	-	-
Total	950	20	-	01	01	02	13	-

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

Wireless campus, Wi-Fi campus

4.6 Amount spent on maintenance in lakhs :

i) ICT	6 Lakhs
ii) Campus Infrastructure and facilities	50 Lakhs
iii) Equipments	15 Lakhs
iv) Others	4 Lakhs
Total:	75 Lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student support and monitoring system
- Orientation classes for the I year students
- T & P Cell organizes special lectures, workshops, related to soft skills, PDP, Preparing for job market by learning employability skills.
- Students are provided with Handbook Cum Work Planner
- Student internship is provided in collaboration with industry
- NSS/NCC activities

5.2 Efforts made by the institution for tracking the progression

- Student Counseling
- Feedback System
- Grievance Redressal
- Result Analysis and Progress Reports

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1776	145	160	-

(b) No. of students outside the state

205

(c) No. of international students

Nil

Men	No	%
	-	-

Women

No	%
-	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
710	147	158	802	04	1921	950	150	165	858	03	2126

Demand ratio 1:2

Dropout % 2

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

- Students are advised, informed and brought awareness about competitive examinations and excellent coaching available to attend during weekends and vacations.

No. of students beneficiaries

210

5.5 No. of students qualified in these examinations

NET	05	SET/SLET	09	GATE	18	CAT	02
IAS/IPS etc	02	State PSC	03	UPSC	02	Others	03

5.6 Details of student counselling and career guidance

- For every 15 students there is a faculty counsellor and will be listening to their suggestions/grievances will be discussed every fortnight
- The T & P cell provides career guidance by organizing the seminars/workshops from eminent personalities from Academia and Industry

No. of students benefitted

1921

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
35	302	226	80

5.8 Details of gender sensitization programmes

Students are made aware of the gender sensitization during orientation programme, Inauguration of I year classes

5.9 Students Activities

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

State/ University level 10 National level 02 International level

No. of students participated in cultural events

State/ University level 20 National level 10 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
Financial support from institution	18	9 Lakhs
Financial support from government	1300	2.75 Crores
Financial support from other sources (TEQIP)	32	11.65 Lakhs
Number of students who received International/ National recognitions	03	2.5 Lakhs

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- Examination related (Eligibility)
- Hostel Problems

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To carve technically competent, confident and socially responsible engineers.

Mission:

- To impart fundamental knowledge of science and technology.
- To create a conducive ambience for better learning and to bring out creativity among students.
- To instill managerial, entrepreneurial and soft skills.
- To evolve as trusted destination for quality technical education.
- To provide positive contribution to meet societal needs.
- To inculcate a spirit of enquiry, make learning perceptive and rational.

6.2 Does the Institution has a management Information System

Yes.

www.my-gurukul.com

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

6.3.1 Curriculum Development

The institution has formulated curriculum development cell to revise and to update curriculum based on need, feedback, industrial needs and student expectations. Equal importance has been given to all the branches of engineering based on relevance, national and global need at UG & PG level.

6.3.2 Teaching and Learning

Revi

1. The college is dedicated to make effective teaching and learning for the student to think, analyse and creative.
2. The admissions of the students are strictly followed as per rules and regulations based on the Govt. and SSAHE rules.
3. College encourages the students for participation through project work, n-plant training, attending seminars and workshop in recent technologies.
4. Students are provided with department library/central library facility, Wi-Fi connectivity for referring to latest collection of journals and books.
5. The academic progress of the students is continuously monitored by the monthly test and assignments.
6. The students are motivated by the counsellors (20:1) and based on their performance the students are trained to participate in workshops, seminars and paper presentations.

6.3.3 Examination and Evaluation

1. Examination will be conducted once in each semester.
2. Each script will be evaluated by 2 examiners – i) Internal ii) External
3. If the difference is more than 10 marks, the script will be evaluated by another examiner.
4. After two regular semesters, summer semester is conducted wherein students will appear for failed subjects.

6.3.4 Research and Development

1. The Institution has been recognized as a research Centre by SSAHE.
2. Institution Encourages faculty to do research. 37 Faculty Members are with Ph.D. and 121 Members are pursuing their Ph.D. in various Universities.
3. The Management supports the professional development of the faculty and encourages them to undertake research work by motivating them to attend seminars, workshops, refresher courses and International & National Conferences by providing them necessary expenditure and leave.

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. Institution has got full-fledged library with
 - i) An excess of more than 3000 online journals including IEEE.
 - ii) Around 90,000 volumes of books.
2. All the departments are having well equipped labs.
3. One class room in each department is furnished with LCD projectors, OHP, Audio and visual facilities for class rooms, Wi-Fi throughout the campus.

6.3.6 Human Resource Management

College 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 institution recruits faculty members and administrative staff members based on the guidelines provided by the University/AICTE/UGC/Government of Karnataka norms.

6.3.8 Industry Interaction / Collaboration

1. MOU with TCS, Infosys, Vi Microsystems, Kamath transformers, DbSons', Integrated Electric Company.
2. We invite Industry experts as resource persons for workshops/seminars/technical talks.
3. Department advisory board/BOS/Curriculum development cell/Academic council consists of Industrial experts.
4. Students are provided with industry exposure by arranging industrial visits.
5. Students are encouraged to carry out projects in the industries.

6.3.9 Admission of Students

The admissions of the students are done as per the rules and regulations of Government of Karnataka and SSAHE.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

35 Lakhs

6.6 Whether annual financial audit has been done Yes ☒ No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Y	NBA/TEQIP	Y	i)An academic audit committee has been constituted by the Principal of the College to review the academic process of the all the programs ii) The audit committee members are nominated from the various departments of

Administrative	Y	By Chartered account appointed by the Society	Y	our college iii) The audit committee will conduct academic audit periodically with prior intimation to assess the academic process and submit the report to the Principal By Accounts officer of the Institute
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6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes ☒ No ☐

For PG Programmes Yes ☒ No ☐

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

Grading system has been followed as per the UGC norms.

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

Independently, the institute is conducting entrance examination, admission, framing the curriculum, conducting examinations, declaring results.

6.11 Activities and support from the Alumni Association

Alumni meet is arranged on 2nd Sunday of December every year. Alumni working in India and Abroad are invited for a face-to-face meeting with the students. This will give a feel of the global market demands and steps are taken to make students aware of the need to develop themselves. Alumni are involved in Placement and Training activities, curriculum development, etc.

6.12 Activities and support from the Parent – Teacher Association

Parent-Teacher meeting will be called once in a semester.

Counsellors/Coordinators/HODs will be in touch with the parents quite often to discuss the progress of the students.

6.13 Development programmes for support staff

Supporting staffs will be deputed to attend workshops both In-house and Outside to enhance their skills as on when required as per IDP.

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

College hostels are equipped with

- i) Solar water heater systems in hostels
- ii) Rain water harvesting system
- iii) 65% of the campus is lush green
- iv) A fully functional Sewage Treatment Plant which treats the entire waste water and is being used to maintain greenery.
- v) The bi-products of the STP and campus waste are used to produce manure using Virmi composed technique.
- vi) Energy efficient LED lights are used throughout 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.

- G-MEDIC (Gangadharaiah Memorial Entrepreneurship Development & Incubation Centre)
STEP (Science & Technology Entrepreneurs Park) Activities IT – Incubation Centre
- GIAN cell
- Techno Preneur promotion programme (TEPP)
- Vocational Training Programmes.
- State level Project Exhibition Every Year

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

To strengthen infrastructure facilities, laboratories are partially established to carry out the research activities.

1. To start Internet of Things (IoT) laboratory in collaboration with Intel associates.
2. To start partial discharge laboratory in high voltage laboratory

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

1. Siddhartha Community Radio – FM 90.8
 2. Free Education to two meritorious students in each branch of Bachelor of Engineering (18) and Fellowships to M.Tech Students (42 Fellows Every year)
 3. Special Coaching (10 days) to first year B.E students
 4. Admissions for the wards of staff at subsidized fees
 5. Bringing Labs to the class room
 6. “Talents of Tumkur”- A cultural competition by students of SSIT, Tumkur.
 7. Dr. H M Gangadharaiah memorial drawing competition for school children of Tumkur is being conducted every year in the month of December.
- Alumni Meet – Second Sunday of Dec Every Year.

7.4 Contribution to environmental awareness / protection

1. Green Audit

- Roof top rain water harvesting system – 1 lakhs liters
- Solar hot water system – Boys hostel – 20,000 liters capacity

Girls Hostel – 10,000 liters capacity

- LED lightening system - 50 points
- Sewage treatment plant – 60,000 liters per day
- Green area (Trees, Bushes, Forestry, Hedges) – 15 Acre

2. Non smoking campus

3. Work shops on “Awareness on Environmental Consciousness”

4. Swatch campus Andolan

5. Celebration of vanamahotsava by planting forest trees

6. Entire sewage treated water (STP) is used for plantation of about 15 acres

7. Campus green waste is converted into Biomanure by vermin compost method.

Innovations

1. Coconut tree climber
2. Design & fabrication of Eco-friendly areca nut collecting and bagging agri machine
3. Design & fabrication of punch cum splitter for tender coconut
4. Development of oil separator for Industrial Liquid Waste
5. Design and fabrication of Coconut leaves shredding machine
6. Design and fabrication of new generation filter unit for cyclone separator in rice mills.

7.5 Whether environmental audit was conducted?

Yes



No



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

List of innovative projects during 2015-16

6. Standardization of Improved Constant Velocity Weir (Chimney Weir) for Grit Chamber Outlets
7. Design of Rigid Pavement And Over Laying Using M.Sand
8. Self Compaction of Concrete Using Marginal Materials
9. Study and Design of Air Pollution Control Device Sunvik Steels limited
10. Study and design of land fill site Hazardous Waste Management (Dobbspet)
11. Case study on Bajaguru making tank bund and its remediation
12. Design and Implementation Of NLP Tools For Kannada Language
13. Home automation and security system using Artificial Intelligence Techniques
14. Development of smart phone application for offline use-in in case of disaster
15. Design and Fabrication of solar operated Eco-friendly scooter using GPS navigation system.
16. Self-proclaiming winnowing machine
17. Design and Development of Automatic tender coconut water vending machine
18. Fabrication of a low cost Briquette manufacturing machine
19. Design and fabrication of Pomegranate Aerial extracting machine

8. Plans of institution for next year

- 1) Establishment of Full-fledged Research laboratory on Breakdown Voltage in insulation media.
- 2) Establishment of Chemistry Research laboratory on Polymorphic Transformation of Drugs using Near Infrared Spectroscopy Involving Chemo informatics.
- 3) Free Education to meritorious students in each branch of Bachelor of Engineering and Fellowships to all M.Tech. students.
- 4) LED lighting for entire campus.
- 5) Plans to introduce open electives from next year.
- 6) More proposals for externally funded Projects.
- 7) More collaboration with Industries and Research organizations.
- 8) More number of FDPs and Conferences.
- 9) Establishment of finishing schools.
- 10) Skill training programs / Certificate courses for students.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

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

SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

Calendar of Events

ODD SEMESTER AUGUST 2015 – DECEMBER 2015

Events	Date	Day
Course Registration and Instruction begins	17 th August 2015	Mon
Test - I	13 th - 15 th Sept.	Sun, Mon, Tue
Midterm Test	13 th Oct onwards	Tue
Test - 2	20 th - 22 nd Nov.	Fri, Sat, Sun
Last Day of Instruction	8 th Dec. 2015	Tue
Commencement of Term End Theory & Practical Examination.	10 th Dec. 2015	Thu

For I Year M.Tech. & MCA Students

ODD SEMESTER OCT 2015 - JAN 2016

Events	Date	Day
Course Registration and Instruction begins	1 st Oct 2015	Thur
Test - I	2 nd - 4 th Nov 2015	Mon, Tue, Wed
Midterm Test	29 th Nov Onwards	Sun
Test - 2	1 st - 3 rd Jan 2016	Fri, Sat, Sun
Last Day of Instruction	16 th Jan 2016	Sat
Commencement of Term End Theory & Practical Examination.	18 th Jan 2016	Mon

Sd/-

Dean (Academics)

Sd/-

Principal

SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

Calendar of Events

COMMENCEMENT OF EVEN SEMESTER-2016

Events	Date	Day
Course Registration and Instruction begins	11 Jan 2016	Mon
Test – I	11-13.02.2016	Thur, Fri, Sat
Midterm	10.03.2016 to 17.03.2016	Thur - Thur
Test – 2	07.04.2016 to 09.04.2016	Fri, Sat, Sun
Last Day of Instruction	28.04.2016	
Commencement of Term End Theory & Practical Examination.	02.05.2016 to 14.05.2016	
Commencement of Summer	01.06.2016	

II SEMESTER M.Tech, II & IV SEMESTER MCA FEB-2016

Events	Date	Day
Course Registration and Instruction begins	8 th Feb 2016	Mon
Test – I	10 th , 11 th & 12 th March 2016	Thur, Fri, Sat
Midterm	1 th to 7 nd April 2016	Fri
Test – 2	5 th , 6 th & 7 th May 2016	Thur, Fri, Sat
Last Day of Instruction	26 th May 2016	Thur
Commencement of Term End Theory & Practical Examination.	30 th May 2016	Mon

Sd/-

Dean (Academics)

Sd/-

Principal

SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

SUMMER

Events	Date	Day
Course Registration	3 rd & 4 th June 2016	Fri, Sat,
Instruction begins	6 th June 2016	Mon
Test – I	19 th , 20 th June 2016	Sun, Mon
Midterm	1 st , 2 nd , 3 rd & 4 th July 2016	Fri, Sat, Sun, Mon
Test – 2	16 th , 17 th July 2016	Sat, Sun
Announcement of CIE up to Semester End	23 rd July 2016	Sat
Last Day of Instruction	23 rd July 2016	Sat

Sd/-

Dean (Academics)

Sd/-

Principal