

AQAR

Of

SAI SPURTHI INSTITUTE OF TECHNOLOGY

B. Gangaram, Sathupally – 507 303, Khammam District,

TELANGANA

Web site : www.saispurthi.ac.in

Email: sssit.principal@gmail.com

SUBMITTED TO

National Assessment and Accreditation Council,

(An autonomous Institution under University Grants Commission)

Bangalore, Karnataka, India

The Annual Quality Assurance Report (AQAR) of the IQAC

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

Part – A

AQAR for the year

JULY 1, 2017 TO JUNE 30, 2018

I. Details of the Institution

1.1 Name of the Institution

SAI SPURTHI INSTITUTE OF TECHNOLOGY

1.2 Address Line 1

B. GANGARAM (V)

Address Line 2

SATHUPALLI (M)

City/Town

KHAMMAM DIST

State

TELANGANA

Pin Code

507303

Institution e-mail address

sssit.principal@gmail.com

Contact Nos.

09491109564

Name of the Head of the Institution:

Dr. CH. VIJAYA KUMAR

Tel. No. with STD Code:

08761-288544

Mobile:

09491109564

Name of the IQAC Co-ordinator:

Mr. C. DASTAGIRIAH

Mobile:

09440711580

IQAC e-mail address:

dattu5052172@gmail.com

1.3 NAAC Track ID (For ex. MHCogn 18879)

APCOGN 15213

OR

1.4 NAAC Executive Committee No. & Date:

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

EC/65/A&A/17. dated: 25-10-2013

1.5 Website address:

www.saispurthi.ac.in

Web-link of the AQAR:

<http://www.saispurthi.ac.in/iqa> cell/aqar 2017-18

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.12	2013	5 YRS (24/10/2018)
2	2 nd Cycle	NA	NA	NA	NA
3	3 rd Cycle	NA	NA	NA	NA
4	4 th Cycle	NA	NA	NA	NA

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

19/07/2012

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))

- AQAR 2013-14 Submitted to NAAC on 20/12/2014 (DD/MM/YYYY)
- AQAR 2014-15 Submitted to NAAC on 26/09/2018 (DD/MM/YYYY)
- AQAR 2015-16 Submitted to NAAC on 26/09/2018 (DD/MM/YYYY)
- AQAR 2016-17 Submitted to NAAC on 26/09/2018 (DD/MM/YYYY)

1.9 Institutional Status

University State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ NO ☐

Constituent College No ☒ Yes ☐

Autonomous college of UGC No ☒ Yes ☐

Regulatory Agency approved Institution Yes ☒ AICTE

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

Type of Institution Co-education ☒

Rural ☒

Financial Status

Totally Self-financing ☒

1.10 Type of Faculty/Programme

Engineering ☒ Management ☒

Others (Specify)

DIPLOMA

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

JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY- HYDERABAD

Autonomy by State/Central Govt. / University

NIL

University with Potential for Excellence

NA

UGC-CPE

NIL

DST Star Scheme

NIL

UGC-CE

NIL

UGC-Special Assistance Programme

NIL

DST-FIST

NIL

UGC-Innovative PG programmes

NIL

Any other (*Specify*)

NIL

UGC-COP Programmes

NIL

2. IQAC Composition and Activities

2.1 No. of Teachers

07

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

05

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

19

2.10 No. of IQAC meetings held

03

2.11 No. of meetings with various stakeholders: No. 08 Faculty 04

Non-Teaching Staff	Students	<input type="text" value="02"/>	Alumni	<input type="text" value="01"/>	Others	<input type="text" value="01"/>
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2.12 Has IQAC received any funding from UGC during the year? NO

If yes, mention the amount

NA

2.13 Seminars and Conferences (only quality related)

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

Total Nos.	<input type="text" value="15"/>	International	<input type="text" value="--"/>	National	<input type="text" value="07"/>	State	<input type="text" value="04"/>	Institution Level	<input type="text" value="04"/>
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(ii) Themes

1. Outcome Based Education
2. Industry oriented projects

2.14 Significant Activities and contributions made by IQAC

- Regular Interaction with class representatives and class coordinators of each and every department for maintaining and sustaining quality education as directed by IQAC.
- IQAC is constantly evaluating teaching learning process through feedbacks.
- Strengthening the campus placements process to provide job opportunities for the students.
- Value Addition Programmes / career oriented technical training programmes for students to improve their technical acquaintance.
- On timely basis up gradation of Lab Equipments to meet with the advanced technology across the departments.
- Encouraging Students for Industrial Visits to understand and to gain the knowledge of new concepts.
- Continuous encouragement is given to Students to participate in different events like Sports / NSS activities.

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 2017-2018

Plan of Action	Achievements
1)To perform regular Academic Audits during Semester .	1)Under the steering of Principal, regular academic audits were conducted to ensure the standing of syllabus completion, augmented syllabus, Internal Assessments, Seminars, Best Projects, Best Results etc.
2) Plan for Industrial Visit and Educational Tours	2) Visiting various industries for updating current scenario to students.
3) Practices to reform and improve the student's success rate.	3) Various practices such as daily class test, question bank for slow learners and advanced learners, assignment, remedial classes.
4)Encourage students to apply theoretical knowledge and come up with innovative projects	4) An Entrepreneurship development programme was organized for the benefit of the students. All sort of assistances were provided for students innovative projects from Entrepreneurship cell

2.16 Whether the AQAR was placed in statutory body YES ☒ NO ☐

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

AQAR was discussed in IQAC meeting with all the staff members. Strategies to improve quality indicators of the institution were discussed.

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	--	--	--	--
PG	01	--	01	--
UG	04	--	04	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	03	--	03	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	08	--	08	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

Pattern	Number of programmes
Semester	08
Trimester	NO
Annual	NO

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

Mode of feedback : Online ☒

manual ☒

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

SYLLUBUS AS PER JNT UNIVERSITY-HYDERABAD

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
87	62	18	07	00

2.2 No. of permanent faculty with Ph.D.

02

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
04	01	--	--	--	--	--	--	04	01

2.4 No. of Guest and Visiting faculty and Temporary faculty

04

--

--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	--	02	--
Presented papers	--	02	--
Resource Persons	--	--	--

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

- Usage of NPTEL resources, E-library and E-journals.
- Audio Visual Aids
- FDP, Guest lectures, Seminars & work shop
- Field Trips
- Practical hands on experiments
- Industrial visits & In-plant training

2.7 Total No. of actual teaching days

during this academic year

180

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

Examinations are conducted as per university

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

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2.10 Average percentage of attendance of students

86.48

2.11 Course/Programme wise
distribution of pass percentage :

a) B.Tech Programs :

Title of the Programme	Total No. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Computer Science and Engineering	58	15.51	27.59	nil	nil	43.10
Electrical and Electronics Engineering	57	49.1	33.3	1.75	nil	84.2
Electronics and Communication Engineering	102	26.4	39.2	1.09	Nil	66.66
Mechanical Engineering	95	6.3	28.4	5.26	nil	39.96

b) MBA (PG) Program:

Title of the Programme	Total No. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MBA	55	47.27	16.36	NIL	NIL	63.63

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

- IQAC has been closely monitor all the academic activities such as syllabus completion, content beyond the syllabus and value added courses.
- IQAC monitors the internal assessment test evaluation and suggests for enrichment.
- Internal & External Academic Audit.
- Organize student seminars & workshops for skill enhancement

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	01
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	04
Summer / Winter schools, Workshops, etc.	17
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	13	--	--	--
Technical Staff	18	--	01	--

Criterion – III

3. Research, Consultancy and Extension

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

- Identifying key areas for research.
- Motivating to participate in more number of workshops relevant to their area of research.
- Recommended incentives for publications in International / National journals with good impact factor

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	08	--	08	08
Outlay in Rs. Lakhs	13500/-	--	--	--

3.3 Details regarding minor projects

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

3.4 Details on research publications

	International	National	Others
Peer Review Journals	04	02	--
Non-Peer Review Journals	--	--	--
e-Journals	02	--	--
Conference proceedings	--	--	--

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	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

Details in Next page

Name of the project	Duration /year	Name of the funding agency	Total grant sanctioned In Rupees	Received
Performance emission and combustion characteristic DI-CI engine fuelled with mixed-Bio diesel	2017-18	Vipasana Educational trust	13000	13000
Dynamic analysis of circular cylinder shells in modern industrial applications	2017-18	HETERO Ltd.	9000	9000
School Bus Management System	2017-18	SSIT-DAV	15000/-	15000/-

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP	<input type="text" value="--"/>	CAS	<input type="text" value="--"/>	DST-FIST	<input type="text" value="--"/>
DPE	<input type="text" value="--"/>			DBT Scheme/funds	<input type="text" value="--"/>

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	--	--	--	--	--
	Sponsoring agencies	--	--	--	--	--

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

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
--	--	--	--	--	--	--

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

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

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 College forum
NCC NSS Any other

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

- Blood Donation Camp
- Awareness programme on women's rights.
- Lead india-2020

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(in acres)	26.12	--	MGMT	26.12
Class rooms	42	--	MGMT	42
Laboratories	48	--	MGMT	48
Seminar Halls	04	--	MGMT	04
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	728	08	MGMT	08
Value of the equipment purchased during the year (Rs. in Lakhs)	319.71	70.27	MGMT	389.98
Others	--	--	--	--

4.2 Computerization of administration and library

Administration:

- Fee Accounts
- Finance and taxes
- PF
- Faculty and student details

Admissions:

- Generation of Admission list.
- Computerised student data base.

Library:

- Clarity software used for automation.
- Computerization of library.
- Bar coding system followed.
- Internet services provides with 45Mbps line Connectivity.
- DELNET & IEEE E-learning materials are available.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	24014	8234365	2743	960050	26757	9194415
Reference Books	10069	3809457	914	372750	10983	4182207
e-Books	750	FREE	50	FREE	800	FREE
Journals	133	424378	Renew	185000	133	609378
e-Journals	02	62500	Renew	17500	02	80000
Digital Database	--	--	--	--	--	--
CD & Video	1350	65000	150	FREE	1500	65000
Others (specify)	NPTEL	DOAJ				

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	496	10	44	01	--	1	7	3
Added	--	--	--	--	--	--	--	--
Total	496	10	44	01	--	1	7	3

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

- The computer with internet access is made available to all the teachers in their departments/internet lab and even to non-teaching staff in the internet lab.
- Most of the teachers deliver their lecture using power point presentations.
- The seminar halls is well equipped with LCD projector and all the accessories required for various kinds of presentation.
- The entire office work is executed using the computer.
- Bandwidth: 45mbps.
- Providing internet facility to college quarters.

4.6 Amount spent on maintenance in lakhs :

i) ICT	1021100
ii) Campus Infrastructure and facilities	1188106
iii) Equipments	2751960
iv) Others	3250000
Total :	8211166

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Internet facility with Wi-Fi connectivity is made available throughout the campus to support the students in enhancing their knowledge with easy digital access.
- Induction day for the fresher's, where in all the coordinators & conveners of different committees briefed the students about curricular & extracurricular activities
- Subject wise special coaching classes for slow learners are conducted
- Placement & Training Cell organizes various training programmes to mould the students with core competency and employability.
- Library is equipped with various books, references, journals and e-journals to supplement the thrust of students and to enrich their self-learning ability.
- A Grievance Redressal Cell is constituted to address the grievances of the students and parents through feedback.
- Student support services like multi-disciplinary forums, association with professional bodies, alumni interactions, student forums / clubs, language laboratory, cash incentives to student achievers are provided.
- Women Development Cell empowers the girl students and female faculty members.
- Students' feedback system is followed to obtain opinion from them about the effectiveness of the faculty
- Anti-Ragging awareness created among the students.

5.2 Efforts made by the institution for tracking the progression

- Personal growth sessions are conducted in all departments.
- Tracking the progress of students through Cycle Test, Assignments, Model exams, counselling.
- Various committees to support the students such as Student welfare, Grievances and Redressal, Women's welfare etc
- Periodic Parent - Teachers meeting to convey the progress of wards and to elicit their views on various issues.
- Department meetings are being conducted twice in a month to monitor the progress of the action plan.
- Academic audit is being conducted every semester to evaluate the progress.

5.3 (a) Total Number of students

UG	PG	Ph. D.
1083	44	NIL

(b) No. of students outside the state

NIL

(c) No. of international students

NIL

No	%
620	55

Men

Women

No	%
507	45

Last Year (2016-2017)						This Year (2017-2018)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
522	140	94	490	NIL	1246	435	122	87	483	NIL	1127

2016-17 Demand ratio 64% * Dropout % 01

2017-18 Demand ratio 70% * Dropout % 01

*data is not available as the admission to the UG and PG programmes are conducted online by the University itself

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

Pre-placement training by internal and external trainers.

Conducting in-house GATE coaching classes.

Quantitative Aptitude & Analytical Reasoning Training classes are conducted regularly for U.G and P.G. students at our Campus. This course is intended to train students for performing well in Campus Interviews.

Personality Development Workshops are also conducted throughout the year for final year, and pre-final year students with eminent resource persons to train our students in various areas like Group Discussions, Interviews, Communication Skills, Interpersonal Skills, etc. The above training helped around 70% of students in getting suitable placements in various companies.

No. of students beneficiaries

205

5.5 No. of students qualified in these examinations

NET	--	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	--	State PSC	--	UPSC	--	Others	--

5.6 Details of student counselling and career guidance

- Dedicated Counselling and Personality Development Cell is established on 02/07/2012, appointing senior most faculty member as Chief Counsellor.
- Each faculty member act as a counsellor for a maximum of 20 students and one period per week is allotted in the class time table for counselling.
- Interaction with Alumni is arranged for final and pre-final year students.
- **Career Development Programs:** The training modules will be formulated to improve our students' skills like Presentation Skills /Listening Skills/ Interpersonal Skills/ Personal Grooming /Brain Strain Apt. Reach /Speed Mathematics/ Logical Reasoning/ Verbal Reasoning/ Situational Conversation/Team Building / Creativity / Group Discussion / Planning Goal Setting / Time Management / Sentence Construction/Personal Counselling /Motivational Talk.
- **Entrepreneurship Development Cell** provides technical and general inputs for students who interested in self-employment and staring their own ventures.

No. of students benefitted

500

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
10	250	126	02

5.8 Details of gender sensitization programmes

- ❖ Organised Rangoli competition on January 09th 2018 on eve of Makara Sankranthi.
- ❖ International women day was celebrated on march 08th 2018

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 (Rs)
Financial support from institution	643	4749500
Financial support from government	737	27942000
Financial support from other sources	---	---
Number of students who received International/ National recognitions	---	---

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: To make the students achieve highest standards of quality technical education adaptable to suit the present day requirements in the fields of science and technology and to mould them morally into persons of character and integrity.

Mission: To awaken the students to the reality of identifying their hidden potentials and talents through meticulous and systematic grooming to gain the spirit and inventiveness to build a career full of glorious prospects and eventful future.

6.2 Does the Institution has a management Information System

YES.

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

6.3.1 Curriculum Development

Curriculum is planned by the University. The college implements it in strict accordance with the existing rules and norms.

6.3.2 Teaching and Learning

- Outcome based education method has been followed
- Creation of learning environment in classes which includes critical thinking, case analysis and creativity
- For all programmes practical orientation is insisted in the form of projects, Mini projects, industrial visit, guest lectures, workshops, seminars.
- Teaching and Learning process is strengthened with the help of e-learning resources.
- Remedial classes for slow learners.
- Mock interviews and group discussion are a part of simulation exercises helping them in placements.
- Mentoring and counselling of slow learners are part of teaching and learning process.

6.3.3 Examination and Evaluation

- Internal Examinations are conducted as per the instructions of the University. (Academic calendar attached).
- University Examinations are conducted as per the norms and regulations of the University of JNTUH.

6.3.4 Research and Development

- Encouraging faculty to register for Ph.D
- Providing financial assistance to faculty for presentation of research papers, attending conferences, workshops, etc.
- Encouraging the students to do research oriented projects.
- Motivating teachers to take research projects.
- Improving library and laboratory facilities for research.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library

- Procuring the required prescribed and reference text books as suggested by the subject experts.
- Providing access to e-books and e-learning resources through digital library.

ICT

- Installing computer system and LCD projector in all the seminar halls and e-class rooms.
- Providing internet connectivity to all the systems
- Making the campus Wi-Fi enabled.
- Providing internet and intranet facility with sufficient bandwidth.

Infrastructure

- Providing required designed class rooms, tutorials, seminar halls etc.
- Providing required number of laboratories with the state-of-the-art facilities.
- Providing required computational facilities with sufficient number of computer and peripherals.
- Providing the various amenities such as canteen, game facilities, gym centres, medical centre, hostels and transport.

6.3.6 Human Resource Management

- Provision of Grievance Redressal Cell, Student Counseling Centre, Suggestion Box, Placement Assistance Cell, Discipline Committee, Anti Ragging Cell, Women Cell, Health Centre, etc.
- Organizing faculty development programs for the teachers and non teaching staff.
- Encouraging the teaching and non teaching staff to pursue their further education.
- Encouraging the faculty members to enroll for PhD programs.
- 100% retention of teaching & non-teaching staff members by providing staff quarters and D.A.V school provided for the education of their children's.

6.3.7 Faculty and Staff recruitment

The recruitment of the faculty and non-teaching staff is done on the basis of type of post created, strictly by following the rules and regulations laid down by the government, university and AICTE.

6.3.8 Industry Interaction / Collaboration

Interaction

- Regular field trips are organized
- Placement officer interacts efficiently with the corporate sector.
- New collaborations and MOUs obtained.
- Industry experienced persons are invited for guest lectures at departmental levels.

Collaboration

- TS-NPDCL (for transformer repair and maintenance)
- TS-GENCO (for generation of some units of power with 100kw solar power plant.)

6.3.9 Admission of Students

- Highlighting infrastructural facilities, faculty, placements and achievements of the college through advertisements, brochures and website.
- Increasing placements and quality of placements year after year.
- Improving faculty quality in-terms of qualifications and experience.
- Updating the existing equipment and introducing research oriented laboratories.

6.4 Welfare schemes for

Teaching & Non teaching	<ul style="list-style-type: none"> ➤ Advance payment against the salary ➤ Assistance to avail loan ➤ Medical facility in the campus ➤ Participation in the training programmes ➤ Staff Quarters
Students	<ul style="list-style-type: none"> ➤ Computer with internet access free of cost ➤ Tuition fees in installments ➤ Financial aid through Students Welfare Scheme ➤ Book Bank scheme for all students ➤ Provision of Water Coolers and aqua guard facility. ➤ Provision for Photocopying facility and Stationary Shop.

6.5 Total corpus fund generated

189080455

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	---	---	YES	---
Administrative	---	---	YES	---

6.8 Does the University/ Autonomous College declares 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?

- Examinations are conducted as per the University norms and regulations.

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

NOT APPLICABLE

6.11 Activities and support from the Alumni Association

- Institute conducts alumni meet every year
- Alumni are invited to visit the college for guest lecturers & interaction with students to enhance the knowledge & skills of the students.
- The alumni helps in bringing companies for campus Placements and provides employment opportunities to the students.
- Few students of the alumni are entrepreneurs, they motivate and guide the students to become entrepreneurs

6.12 Activities and support from the Parent – Teacher Association

Parents meet the respective departments regularly. The suggestions that are specified by the parents are forwarded to the management for further course of action.

6.13 Development programmes for support staff

The support staff plays an important role in the development of the institution. Taking in to consideration their health and recreation following activities have been introduced,

- Time bound allotted duties
- Medical facility in the campus
- Advance payment in emergency
- Participation in the training programmes

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

- **Energy Conservation Approaches.**
- **Rain-water harvesting.**
- **Waste-water recycling .**
- **Prohibiting smoking and making a tobacco-free campus.**
- **Tree plantation.**
- **Solid waste management.**

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.

- We have developed Fingerprint based attendance system for real time application, Voice playback system within allotted time period & Implementation of encryption module & Decryption module in Data Encryption Standard (DES) by using verilog
- More Practical orientation is supported through Mini-projects, Technical seminars.
- Additional Training on communication and soft skills is being imparted right from the first year to make the student competent enough to be absorbed in the industry.
- Regular meditation programs conducted for students by heartfulness and brahmakumari's organisation.
- Encouraged the students to participate in extracurricular activities such as sports, NSS and Cultural events, for an all-round personality development.

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

- For late comers we maintain register and informed to their parents through sms by phones
- Various admission strategies are implemented to fill maximum of the seats by meritorious students.

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

- Internal Evaluation For Faculty to improve their Teaching skills
- Usage of open source software instead of commercial application software is promoted for all the departments. Many computer laboratories in the college were insisted to utilize Linux open source operating system.

7.4 Contribution to environmental awareness / protection

- The Institute maintains an eco-friendly green campus
- The campus environment is pollution-free.
- Every year new saplings are planted and distributed by Institute.
- Care is taken to restrict vehicle entry into the campus and the specific parking area is allotted for faculty and students.
- The institute restricted the usage of plastic bags in the campus.

7.5 Whether environmental audit was conducted? Yes No

☒☐

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

STRENGTHS

- One of our student Ms N.Srilalitha received gold medal from JNTUH in 2017 and we are focusing on students to improve their knowledge to get more gold medals from university.
- One of the most preferred, engineering college situated in a serene rural place of Telangana,
- Qualified and experienced staff
- Modern state of the art Infrastructure facilities
- Pollution free and Eco friendly Environment
- The institute is well known for quality of education and discipline

WEAKNESSES

- Lack of departmental collaborations with the industries
- located in rural region
- Poor Quality of incoming students

OPPORTUNITIES

- Increased global need for quality engineering graduates
- Catering to the rural youth thus touching the bottom of the pyramid in Nation building
- More jobs particularly in software industry

THREATS

- Gradual deterioration in the standards of incoming students.
- Entry of private universities.

8. Plans of institution for next year (2018-19)

- Renewal of NAAC Accreditation.
- To start the finishing school facility in collaboration with TASK
- To promote research oriented activities
- To strive for excellence in engineering education.
- Publish Research journal with ISSN number to encourage faculty and students to undertake research work.
- Enriching tutorial system, remedial classes and Bridge courses.
- Planning to extend range of 100kw solar power plant.

Name: Mr.C.Dastagiraiah



Signature of the Coordinator, IQAC

Name : Dr.Ch.Vijaya Kumar



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
