Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SAI SPURTHI INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. Ch. Vijaya Kumar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08761288544**
Mobile no.	**9491109564**
Registered Email	**sssit.principal@gmail.com**
Alternate Email	**kotagirivj@gmail.com**
Address	**B. GANGARAM(V), SSIT CAMPUS**
City/Town	**SATHUPALLY(MANDAL), KHAMMAM DISTRICT**
State/UT	**Telangana**
Pincode	**507303**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**MR. T.VEERANNA**
Phone no/Alternate Phone no.	**0876128854499**
Mobile no.	**9948871478**
Registered Email	**veeru38@gmail.com**
Alternate Email	**sssit.principal@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://saispurthi.ac.in/docs/iqac/AQAR18-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://saispurthi.ac.in/docs/acalender/ug_ac_2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.12**	**2013**	**25-Oct-2013**	**24-Oct-2018**

6. Date of Establishment of IQAC	**19-Jul-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Regular meeting of Internal Quality Assurance Cell (IQAC)	**01-Jul-2019 4**	**15**

Parent-Teacher Interaction	21-Sep-2019 1	60
Encouraging Faculty members to register for Ph. D	16-Jul-2019 1	2
Preparation of Annual Quality Assurance Report (AQAR) to NAAC	01-Jul-2019 10	15
To encourage extra &co curricular activities in the campus	23-Dec-2019 7	623
Training program on Soft Skills and technical skills for students	30-Jul-2019 5	415
NPTEL Program for staff & students	17-Dec-2020 56	63
Feedback from all stakeholders collected, analyzed and used for improvements	05-Sep-2019 1	640
SUSTAINABLE DEVELOPMENT initiatives via. 100 KW Solar Power Plant and employing energy efficient LED bulbs and Fans.	16-Jul-2019 365	916
Conducted online FDPs, Workshops, and Webinars during COVID-19 pandemic situation.	06-May-2020 1	945
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Health Insurance for all the Employees ? Organization of 10 day comprehensive "Orientation Program" for I year students ? Merit Scholarships to the meritorious poor students with rural background ? Financial support for Faculty Development ? Infrastructure development. ? Organization of programs to ensure academic ambience during COVID19 pandemic situation ? MOU with "CODE TANTRA" for conducting online classes and support services to students for improving Employability skills

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To encourage faculty to publish papers, attend workshops & conferences	**Rs. 18,132 spent as financial incentives for the staff.**
Green Initiatives	**Under "Sai Prakruthi" scheme, new saplings are planted in the campus and also distributed in neighbouring villages.**
Social Responsibility Initiatives	**A unique, one of its kind " Lead India Premier League (LPL)" tournament is organized successfully from 08-02-2020 to 10-02-2020 to uplift the spirit of youth of both Khammam & Bhadradri Kothagudem Districts in association with "Lead India 2020" foundation.**
To provide health insurance to all the Employees.	**Vidal Health Insurance provided to all the employees with effect from 10-08-2019.**
To address COVID-19 Challenge	***MOU with CODE TANTRA for conducting online classes & virtual labs helping us in protecting the academic interests of staff & students *All Departments organized & attended Webinars & online FDPs/Workshops.**
To improve campus placements	**Campus placements are conducted successfully and in total 158 students**

	are placed in various companies.
To implement the Management's philosophy of encouraging meritorious poor students with Merit scholarships	Committee sanctioned an amount of Rs. 48,50,600- to encourage the meritorious students.
To organize programs to improve Employability Skills of students.	"CLASS" organization is engaged to conduct CRT classes to the eligible students and "TASK" also conducted programs to prepare students for campus placements.
To organize programs for all round development of students.	A unique 21 days mega program SPURTHI 2K20 was organized covering "Games Sports Fest", "Cultural Fest" and "Technical Fest" from 23/12/2019 to 13/01/2020.
To organize various programs under the banner of "Women Empowerment Cell"	Telangana festival "Bathukamma" celebrated on 28/09/2019. 'International Women's Day' celebrated on as a token of responsibility towards Gender Equity promotion in the Institute.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	12-Jan-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**01-Feb-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**1. We are using EZ School software to manage the activities like • Basic information of the students. • Attendance • Marks • Accounts • Different types of reports can be generated base on our requirement like i) Attendance can for each subject daily, monthly, and for the specified interval. ii) Internal and External**

marks can be stored. iii) Generate letter for attendance to send to the parents. iv) Directly link to the SMS module to send messages to the parent/student. v) Receipts can be generated for fee payment. vi) Fee dues list can be generated based on our requirement. 2. We are maintaining local server (own software developed by our students) for results to maintain the results produced by JNTUH. i) Generate different reports related the student results.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Sai Spurthi Institute of Technology, B.Gangaram, established in the year 2001, is one of the pioneering Intuitions in Technical Education, established with a concept to impart Technical Education to the students from rural back ground. With due regards to the academic calendar of Jawaharlal Nehru Technical University, Hyderabad, we at Sai Spurthi Institute of Technology give ample of room for Co- Curricular and Extra-Curricular activities, without even disturbing the academics. Well experienced and qualified faculty deal with all the prescribed subjects at every level. A well scheduled way of delivery of lectures is done in the classrooms for the better understanding of the students. The designed curriculum is carefully planned by respective faculty of all the departments and delivered in the class rooms. To impart hands-on knowledge and to cater to the practical requirements of the students well equipped labs are installed. Labs are included in the daily schedule of the departments. Every subject has been given sufficient number of periods prescribed by the Jawaharlal Nehru Technical University and it is herewith supervised that they are effectively delivered in a planned way under the guidance of the subject seniors, Head of the department and the Principal. Centralized course files which include year plan, notes and important questions are well maintained by the faculty. Class rooms are equipped with Liquid Crystal Display projectors for better display of the class room content. To enhance Audio-Visual impact of subject and better understanding, the classrooms and lab lectures are delivered through Information Communication Technology mode. Every department internally meets with Head of the department every now and then to discuss about the syllabus completion and other issues if any in their respective departments, and bring out the desired changes. To assess the better learning of students, Slip Tests are conducted on every unit by the faculty and assessment is done with constructive suggestions to the students for their improvement. To evaluate the comprehension of the topics by the students unit wise assignments are conducted and duly signed by the concerned faculty. To make the students confident and bold speakers they are encouraged to conduct Power Point Presentations and Seminars on the topics from the units. So that they have good command over the subject. Through this the students develop proficiency in Speaking Skills as well as Knowledge on the topic. To pool out the problems of the students and give them constructive suggestions 1:20 counseling system is strictly followed. Mentoring is done on personal levels and is included in schedules of the college. The college constantly

encourages the faculty to attend Faculty Development Programmes conducted by various institutions. To flush in new energy from experts from various streams, prominent guest lecturers from different intuitions are invited to benefit our students of different departments. To achieve the desired out put the Curriculum Planning and Implantation of the prescribed syllabus is absolutely student centric.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	CSE	25/04/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	EEE	15/07/2019
BTech	MECH	15/07/2019
BTech	ECE	15/07/2019
BTech	CSE	15/07/2019
MBA	MBA	05/09/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Gender Sensitization	15/07/2019	249
Intellectual Property Rights	15/07/2019	193
Constitution of India	15/07/2019	249
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	EEE	39
BTech	MECH	26
BTech	ECE	67

BTech	CSE	63
MBA	MBA	33
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The SSIT has a policy of obtaining feedback on the curriculum which is designed by the JNTUH. Feedback templates are designed in the presence of all HOD's and senior professors, the feedback forms are the distributed among the students and teachers. The filled in feedback forms are collected and analysed in a confidential way. The extract of the opinions of the stakeholders is utilized for giving necessary instructions to the faculty and students. Feedback from Students: Feedback on JNTUH curriculum is taken from the students through designed templates once in the academic year. The following are the points high-lighted in the feedback. ? Curriculum was appreciated. ? Content delivery to be more effective. ? Practical approach of subjects should be the priority. ? Concentration on employability skills in curriculum. ? Exposure to industry-oriented knowledge and skills. Feedback from Faculty: Feedback from the faculty is also taken once in a academic year through designed templates for the further modifications. The following are the points high-lighted. ? The curriculum was appreciated for introducing subjects based on life skills and general awareness like G.S, Prof Ethics amp Human values, Disaster management, Environmental studies, Intellectual Property Rights and Constitution of India , with a suggestion to conduct end semester exams and provide credits for the above mentioned subjects. ? Content of some subjects seems to be above the knowledge of the students. ? Syllabus seems to be bulky in some subjects. ? Question paper pattern based on internal choice is appreciated.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	MBA	60	25	25
BTech	CSE	120	97	97
BTech	ECE	60	34	34
BTech	MECH	60	33	33
BTech	EEE	60	32	32
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	859	57	60	6	4

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
70	70	9	12	0	12

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[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Understanding the importance of Counselling for present generation students , our management established a dedicated Counselling Personality Development cell on 02/07/2012,appointing senior most faculty member as chief Counsellor .Due to the availability of a platform in expression students' grievances, we observed over a period of time absence of strikes and boycotts for small reasons , and decency in the culture of students. And the NAAC peer team visited in 2012 during assessment appreciated the same and we got 100 marks for our counseling efforts. The mentoring aims at addressing the needs of the student and to foster a better rapport between the students and the teachers at personal and academic levels. The process of mentoring is an individualized form of counseling and guidance. Sai Spurthi Institute of Technology has a unique method of mentoring its students. A step by step method of mentoring ensures that a student is placed under the care of a faculty upon joining. A well designed diary ensures that a student's profile, prime objectives and course plans are documented. As part of this detailed documentation, the mentor forges a strong bond with the student and vice versa, resulting in a proper, well maintained academic relationship that will ensure that a student is guided on continual basis during the program of study. Responsibilities of the Mentor: A mentor is a teacher acting both as a friend and as a role model to support, encourage and guide a student in his/her academic and personal growth. The mentor meets a group of students, periodically once in a fortnight and monitors, counsels, guides and motivates the students in all academic matters for their performance improvement. Mentoring Sessions: The mentoring sessions, as part of the time table, are for the mentors to meet the mentees (students). A close analysis of the activities result in the mentor inquiring about the mentee's academic as well as personal wellbeing. The continuous internal examination (Mid I and Mid II tests) marks, month wise attendance and internal marks for lab as well as theory are updated in the mentoring diary with the intention of analyzing the student's progress from the first through the fourth year. Each faculty is the mentor of a group of 1000 students allocated to him/her by the concerned Head of the Department. The mentor meets the student during mentoring hours and collects personal and academic information from the student and provides the needed counseling. Depending on the need of the students, the mentor provides the various types of guidance ranging from course specific guidance, lab specific guidance, and professional guidance to career advancement. In the First Year, mentoring diary plays a crucial role in identifying, analyzing and understanding a particular student and also keeps an eye on the mentee's attendance. A fall in attendance or less marks in tests might make a mentor take the decision of informing the parents of the students or sometimes, even counsel the students to change his/her practices for the best. As Engineering is a course

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
916	70	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
70	70	10	10	6

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr. SK. Meerasaheb	Professor	Ph.D
2019	Mr. K. Bhaskara Mutyalu	Associate Professor	Ph.D.
2019	Mr. SK. Yakoob	Associate Professor	Elite certificate in NPTEL

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	3	3-1	11/12/2019	15/02/2020
BTech	2	3-1	13/12/2019	15/02/2020
BTech	5	2-1	12/12/2019	16/02/2020
BTech	4	2-1	12/12/2019	16/02/2020
BTech	3	2-1	14/12/2019	16/02/2020
BTech	2	2-1	12/12/2019	16/02/2020
BTech	5	1-1	06/01/2020	03/03/2020
BTech	4	1-1	06/01/2020	03/03/2020
BTech	3	1-1	06/01/2020	03/03/2020
BTech	2	1-1	06/01/2020	03/03/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

SSIT follows guidelines of Jawaharlal Nehru Technological University, Hyderabad for internal evaluation and assessment procedure. For undergraduate programs, the institute conducts two mid-exams of 25 marks each, comprising 10 marks for descriptive, 10 marks for objective and 5 marks for assignment. The average marks of both examinations are considered as final mid-marks. End semester examination is for 75 marks which is conducted by the university. For the post-graduate program, the institute conducts two mid-exams of 25 marks each as per university norms, and the end semester examination is for 75 marks which are conducted by the university. After completion of the internal examination, the faculty evaluates the answer scripts and distribute to the students for doubt

clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch and marks are displayed on the notice board. The Head of the Institute conducts meetings with HODs to understand students performance and necessary action plan for further improvement. For laboratory evaluation for under graduate the institution conducts two lab internals for 25 marks each. It is divided into 10 marks for the written exam, and 15 marks are allotted for day-to-day performance in the laboratory. External lab-examination is conducted for 50 marks as per R-15 regulation and 75 marks as per R-16 regulation. Leniency is shown on assignment exams for the absentees on the following cases:- meritorious student, participating in National and State level sports and medical grounds so that their percentage is not hampered. Project Work: Major project consists of 200 marks, of which the continuous internal assessment carry 50 marks while the end semester examination will carry 150 marks. Mini projects are mostly carried out at industries. Mini project carries 50 marks. HOD shall constitute a project review committee (PRC) consisting of three to four senior faculty members. One of the senior faculty member of PRC is designated as Project Coordinator. Students' performance is also evaluated based on the following parameters: communication skills, use of modern tools (NPTEL, M-Tutor, V-labs), critical thinking skills, problem-solving skills, ability to work in teams, and leadership qualities. Strategies adopted for student improvement: Remedial classes are organized to clarify doubts, review of critical topics for improved performance. Poor performance due to frequent absenteeism is dealt by sending SMS and registered letters to parents of such students. Appropriate counseling with additional teaching eventually helps students to attend classes regularly.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

SSIT Technical Campus is affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH) .The University releases the Academic calendar in advance before the commencement of the academic year. The academic calendar breaks down the academic year into two semesters. It provides the information of the courses for the semester, dates of commencement of class work, syllabus completion, examinations, list of holidays, and the total number of working days. The faculty members of the concerned department gather the lists of courses for the coming semester, and the HOD finalizes the allocation of courses based on the faculty's choice and area of specialization. Faculty members then prepare the lesson plan before the commencement of semester, indicating the topics to be covered, teaching methodologies being applied, and assignments given to students and the number of lectures. A course file for each course is prepared by the faculty, which includes course objectives, outcomes, schedule, references, study material, and questions from previous examinations papers. Students will be provided with the course file in the first week of the semester to provide them awareness about the subject and plan for the semester. The evaluation process for each subject is duly reviewed by a senior faculty in the department, approved by the HOD, and then made available to the students. Timetable in-charge of each department prepares the timetable as per the guidelines given by the university and gets it approved by Head of the Institute. The time-table is then displayed on the respective department notice boards. The performance of the student is assessed on a continuous basis by conducting two mid-exams per semester based on the university norms. The average marks of both mid-terms are taken into consideration. In addition to the tests, assignments, mini-projects, and quizzes are also part of CIE. The evaluated answer scripts are shown to the students to clarify their doubts about the evaluation process. The academic schedule prescribed is strictly adhered by all departments. SSIT maintains a high standard through CIE and ensures end semester and practical examinations are conducted jointly by the concerned teacher and an external examiner appointed by the university.

Schedule of the end-semester examinations and rules and regulations about evaluation of students under various courses are also included in the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://saispurthi.ac.in/NAAC/AY19-20/CR2/2.6.1.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
E0	MBA	MBA	29	9	31.03
5	BTech	CSE	61	46	75.40
4	BTech	ECE	66	52	78.78
3	BTech	MECH	48	37	77.08
2	BTech	EEE	39	35	89.74
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://saispurthi.ac.in/NAAC/AY19-20/CR2/2.7.1.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	0	NIL	0	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
DESIGNING OF SOLAR PV SYSTEM	EEE	20/09/2019
ELECTRICAL INNOVATIONS IN SMART GRID"	EEE	19/08/2020
TECHNOLOGICAL ADVANCEMENT IN SUBSTATION AUTOMATION SYSTEM	EEE	10/08/2020
ELECTRICAL CAD	EEE	13/02/2020
EV TECHNOLOGY	EEE	25/07/2020

ORACLE JAVA FUNDAMENTALS	EEE AND ECE	02/01/2020
21st CENTURY SURVIVAL SKILLS	CSE AND EEE	26/12/2019
PLC AUTOMATION	EEE AND MECH	10/06/2019
RECENT TRENDS IN WIRELESS COMMUNICATIONS	ECE	02/11/2019
IMAGE PROCESSING TECHNIQUES USING MATLAB	ECE	15/07/2020
FUTURE TECHNOLOGY STACK	CSE	08/06/2020
WEB DEVELOPMENT	CSE	16/07/2020
DART.PROGRAMMING	CSE	27/07/2020
AI USING PYTHON	CSE	20/09/2020
ORACLE DATABASE DESIGN AND PROGRAMING WITH SQL	CSE	30/07/2019
PROFESSIONAL OF PRACTICE	CSE	29/10/2019
21ST CENTURY SURRIVAL SKILLS	CSE	06/12/2019
CAMPUS TO CORPORATE CONNECT	CSE	02/01/2020
INTRODUCTION TO IOT	CSE	30/01/2020
21ST CENTURY TRANSFERABLE SKILLS	CSE	24/02/2020
TRAINING PROGRAM(TCS NQT HR)	CSE	26/11/2020
OPEN INTERNER SOURCES	MBA	03/07/2020
STRATEGICS PLANNING WITH X TYPE MATRIX	MBA	17/07/2020
ENTREPRENEURSHIP THROUGH DIGITAL MARKETING	MBA	20/07/2020
DIGITAL FORENSICS	MBA	15/07/2020
INNOVATIONS IN ENGINEERING MANAGEMENT FIELDS	MBA	27/07/2020
PRESENT AND FUTURE OF ARTIFICIAL INTELLIGENCE AND JOB OPPORTUNITIES	CSE	20/07/2020
EFFECT OF RARE EARTH OXIDE ON CYCLIC OXIDITION AND HOT CORROSION BEHAVIOUR OF DETONATION -GUN SPRAYED NICRALLY 0.4 WT CE0O2 COATING	MECH	20/08/2020
PRESENT AND FUTURE OF ARTIFICIAL INTELLIGENCE AND JOB OPPORTUNITIES	MBA	22/07/2020
INTRODUCTION TO BUSINESS ANALYTICS	MBA	25/07/2020

INTELLECTUAL PROPERTY RIGHTS	MBA	26/07/2020	
PARADIGM SHIFT IN HR PRACTICES IN PRESENT SCENARIO	MBA	28/07/2020	
SIGNIFICANCE OF PERSONAL BRANDING - NEED OF THE HOUR	MBA	29/07/2020	
EXPECTATIONS OF JOB MARKETS IN DISRUPTIVE TECHNOLOGIES	MBA	30/07/2020	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
SOFEWARW PROJECT MANAGEMENT	KEEGARLA MADHURI	NPTEL	01/12/2020	ELITE
DATA SCIENCE FOR ENGINEERS	KANCHARLA SAISRI	NPTEL	01/12/2020	ELITE
DATA SCIENCE FOR ENGINEERS	KANDUKURI NEELIMA	NPTEL	01/12/2020	ELITE
DATA SCIENCE FOR ENGINEERS	REGALLA KEERTHI REDDY	NPTEL	01/12/2020	ELITE
DATA SCIENCE FOR ENGINEERS	NALLA AMULYA	NPTEL	01/12/2020	ELITE
PYTHON FOR DATA SCIENCE	SK.YAKOOB	NPTEL	01/09/2020	ELITE, SILVER
AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE	SK.YAKOOB	NPTEL	01/01/2020	ELITE, SILVER
AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE	CH BALA KRISHNA	NPTEL	01/01/2020	ELITE, SILVER
INTRUDUCTION TO PROGRAMMING IN C	SK.YAKOOB	NPTEL	01/07/2019	ELITE, SILVER
PROGRAMMING,DATA STRUCTURES AND ALGORITHMS USING PYTHON	N VENKATESWARARAO	NPTEL	01/07/2019	ELITE, SILVER
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
MECH	1
SH	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	4	0.69
International	CSE	1	0
International	MBA	36	5.91

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
SH	2
ECE	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NIL	NIL	NIL	Nill	0	NIL	0

No file uploaded.

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	NIL	NIL	Nill	0	0	NIL

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	81	5	0
Resource persons	1	3	2	0

3.4 – Extension Activities

 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
fire Safety	SSIT	20	130
Blood Group Identification Camp	SSSIT	12	70
Road Safety and Traffic rules	SSIT	20	165
CORONA VIRUS	SSSIT	30	180
Bathukamma celebrations	SSIT	21	180
PLANTATION PROGRAM	SSIT	25	120
International Women's Day	SSIT	23	180

 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Sports and Games	SSIT	AWARENESS PROGRAMME	30	190
Traditional Day celebrations	SSIT	WOMEN EMPOWERMENT PROGRAMME	40	250
Life Teacher Chairman of VDM India	SSIT	AWARENESS PROGRAMME	20	190
Judiciary Law and Order	SSIT	AWARENESS PROGRAMME	15	170
Rangoli Mehandi Programs	SSIT	WOMEN EMPOWERMENT PROGRAMME	25	210
Yoga Meditation Programs	SSIT	AWARENESS PROGRAMME	30	230

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Internship	Study of technical power plant	HETERO LABS Limited	12/06/2019	08/07/2019	10
Project Work	Mini project	Hindusthan ship Yard Ltd. (MECH)	06/06/2019	28/06/2019	11
Project Work	Mini project	Rithwik Power projects Ltd. (MECH)	02/06/2019	03/07/2020	5
Industrial Internship	summer internship project	VENKATARAM ANA AUTO MOBILES	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	VIJAYA PALM OIL FACTORY	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	SRI LAXMI THULASI AGRO PAPERS P LTD	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	KOROMANDAL INTERNATIONA L LTD	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	SRIKRISHNA AGENCIES	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	FOREVR LIVING IMPORTS	22/05/2019	05/07/2019	1
Industrial Internship	summer internship project	JOY SLEEP INDUSTRY	22/05/2019	05/07/2019	1
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
BRAINO VISION (CSE)	15/11/2019	Internship for students and CRT trainings for Students	63
CISCO	04/06/2019	Skill Development Program	17
TASK	07/09/2019	Training Placement	144
KITS cart Project Pvt. Ltd (ECE).	08/07/2019	Mini Main Project	76
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
125	118.24

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
CLARITY 2001	Fully	2005	2005

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	29673	9958115	2000	671190	31673	10629305
Reference Books	11710	4458847	874	332795	12584	4791642
e-Books	750	0	50	0	800	0
Journals	100	424378	133	185000	233	609378
e-Journals	2	80000	2	17500	4	97500
CD & Video	1500	65000	150	0	1650	65000
Library Automation	2	34500	0	0	2	34500
Weeding (hard & soft)	7868	2738064	0	0	7868	2738064
Others(specify)	2135	276640	754	30000	2889	306640

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 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Nill

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	416	341	15	18	31	4	7	50	0
Added	65	60	5	0	0	0	0	10	0
Total	481	401	20	18	31	4	7	60	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	Nill

4.4 – Maintenance of Campus Infrastructure

 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
35	34.99	90	83.26

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students. Laboratory: Record of maintenance account is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. Maintenance of laboratories are as follows:- The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises. Library:- 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. 3. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 4. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are chalked out / resolved by the library committee. 5. Clarity 2001 software is used in Library. Sports:- Regarding the maintenance of sports equipment the college sports in charge is deputed. During the session 2018-19 college participated in Cricket, Kabaddi inter-collegiate championship. Computers: - 1. Centralized computer laboratory established to enrich the students. 2. ERP software is used for maintaining faculty and students details. 3. Each Department having appropriate computer for their requirements. 4. Internet and WIFI Enabled campus. 5. Open access journals facilities are available. Classrooms: - 1. The college has various committees for maintenance and upkeep of infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other. 2. Administrative officers will take in charge for student's academic requirements. Additionally:- 1. There is a lab instructor in every department, who maintains the stock register by physically verifying the items round the year. 2. Department wise annual stock verification is done by concerned Head of the Department. 3. Regular maintenance of Computer Laboratory equipment's are done by Laboratory Assistant along with Laboratory attendant and they are headed by the faculty incharge. 4. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute concern Employees. 5. College campus maintenance is monitored through regular inspection. 6. Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel monitoring committee. 7. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including Wi-Fi and broadband. 8. Updating of software's is done by lab assistants. 9. Outsourcing is done for the maintenance of wooden, furniture, electrification, and plumbing. 10. Regular maintenance of the water cooler and water purifier is done regularly. The maintenance of the reading room and stock verification of library books is done regularly by library staff

http://saispurthi.ac.in/NAAC/AY19-20/CR4/4.4.2.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	KRISHNA SINDHURI EDUCATIONAL TRUST	516	4850600
Financial Support from Other Sources			
a) National	AICTE PRAGATHI SCHOLARSHIP	18	540000
b)International	NIL	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
BRIDGE COURSE ELECTRICAL CAD	13/02/2020	45	TASK
ORACLE JAVA FUNDAMENTALS	02/01/2020	45	TASK
21ST CENTURY SURVIVAL SKILLS	26/12/2019	45	TASK
ORGANIZATIONAL SKILLS AND INTERVIEW SKILLS	29/10/2019	15	TASK
GUIDANCE FOR COMPETETIVE EXAMS	02/01/2020	81	TASK
CARRIER COUNSELLING	02/01/2020	89	CRT
REMEDIAL CLASSES	02/02/2020	494	SSIT INTERNAL STAFF
YOGA MEDITATION	04/01/2019	190	SRI RAMACHANDRA MISSION, SATHUPALLY
LANGUAGE LAB	16/08/2019	190	SSIT INTERNAL STAFF

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	STUDENT COUNSELLING	670	670	2	168
2019	RECENT TRENDS IN WIRELESS COM	151	151	0	0

Year					
	MUNICATIONS				
2019	PLC AUTOMATION	40	40	0	0
2019	PROFESSIONAL OF PRACTICES WORKSHOP	56	56	0	0
2019	ORACLE DATABASE DESIGN AMD PROGRAMMING WITH SQL	40	40	0	0
2019	21ST CENTURY SURVIVAL SKILLS	44	44	0	0
2020	CAMPUS TO COPORATE CONNECT	56	56	0	0
2020	INTRODUCTION TO IOT	25	25	0	0
2020	21ST CENTURY TRASFERABLE SKILLS	42	42	0	0
2020	TRAINING PROGRAMMING TCS NQT HR	9	9	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
MITSUBA	34	16	INFOSYS	4	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

| 2020 | 1 | B.TECH | EEE | ABDUL KALAM INSTITUTE OF TECHNOLOGY | M.TECH |
| 2020 | 1 | B.TECH | EEE | WRIGHT STATE UNIVERSITY OHIO, DAYTON | MS |

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
Any Other	2

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
CRICKET	INSTITUTION LEVEL	196
KABADDI	INSTITUTION LEVEL	98
VOLLYBALL	INSTITUTION LEVEL	108
SHUTTLE DOUBLES	INSTITUTION LEVEL	30
CAROMS	INSTITUTION LEVEL	38
TENNICOIT	INSTITUTION LEVEL	53
THROWBALL	INSTITUTION LEVEL	89
BASKETBALL	INSTITUTION LEVEL	5
KHO-KHO	INSTITUTION LEVEL	40

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	WINNER	National	1	Nill	16C51A0534	N BHAVANI
2020	RUNNER	National	1	Nill	16C51A0534	N BHAVANI
2020	WINNER	National	1	Nill	17C51A0418	J NAVYA BHAVANI
2020	WINNER	National	1	Nill	18C55A0306	CH NARAS IMHARAO
2020	WINNER	National	1	Nill	18C51A0326	P GOPALA KRISHNA
2020	WINNER	National	1	Nill		D

						17C55A0311	KISHORE KUMAR
2020	WINNER	National	1	Nill		17C55A0406	SK MUNNER MALIK
2020	WINNER	National	1	Nill		17C51A0544	S YASWANTH
2020	WINNER	National	1	Nill		16C51A0208	G RAM PRAKASH REDDY
2020	WINNER	National	1	Nill		19C51A0301	A GOWTHAM

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are active members in committees like Department Technical Associations and National Service Scheme (NSS) to cater the overall growth and success rate of the institution. Student Inputs are taken in designing the Vision, Mission of the College and also taken towards facilities of the college, which in terns contribute stake holder's involvement to realize overall college vision, mission and quality policy. Students are members are participating in technical activities further students are also involved in Anti ragging committee to create awareness about Ragging Act among fellow students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sai Spurthi Institute of Technology has Strong Alumni Network. The alumni support the institution and contribute to its institutional and academic development. The college conducts Alumni meet every year at college campus, to bring together all the old students to share their experiences with faculty. The alumni participate actively and give valuable suggestions for framing innovative ideas to include latest technologies, which meet industry requirements. Sai Spurthi Institute of Technology alumni association meets periodically to discuss the plan of activities during an academic year. The alumni regularly visit the campus during weekends and participate in knowledge sharing activities which would help current students to decide upon career either to opt for Higher Education or to seek placement in industry. Such talks by alumni to current students is gathering pace and helping the students to identify their career path. They also actively involve with training and placement cell in training students so that they become employable. They also assist students in getting Internships in Industry. The alumni also contribute to the general development of the Institution and raise the scholarship funds to help the needy and deserving students. They also help in arranging NSS extension activities such as Blood Donation camps, practical sessions on Meditation and Tree Plantation. This alumni platform is also integrated with social media platform which allows the institution to manage all social media channels via a single point. College invites the alumni for all activities such as Orientation Day Program, Cultural Day Program, Sports Events, NSS Activities etc., The alumni contribute to the institution to orient the students on Personality Development, Current Opportunities, Stress Management, Career Management, Time Management, Emotional Awareness etc., Special talks also

arranged on Higher Education Topics, Current Events, Industrial revolutions and technological changes. Alumni also help us to conduct Industrial Institution Summit to discuss on latest technologies, opportunities and innovations.

5.4.2 – No. of enrolled Alumni:

100

5.4.3 – Alumni contribution during the year (in Rupees) :

60000

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni meet was conducted on 09-01-2020 in Seminar Hall-I at SSIT Campus. ? The event was well managed with the help of Alumni Coordinators of all branches. ? Alumnus of various batches since 2001 of all branches around 70 were participated in the event. ? All the alumni were actively involved and expressed their views about college and their current holdings in various companies. ? The whole experience was enriched with the presence of Dr Ch.Vijaya Kumar, Principal, All the Department HOD's All Alumni Association Members and their valuable speeches. ? After post lunch, the alumnus visited their respective departments and interacted with the students. They enlightened the students with the current technologies and the different jobs available in their respective core sector. ? All alumni were requested to fill the Alumnus Survey form and feedback form to give their valuable feedback for the improvement of various academic activities of the institute. Budget Lunch for 100 Heads @ Rs. 500 /- each Rs. 50,,000 /- Tea Biscuit for 100 Heads @ Rs. 50 /- each Rs. 5000 /- --- -- Total Rs. 55000/-

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

In order to smooth conduct of various activities of administration and academics decentralization is being followed: The college promotes participatory management at various levels through administering academic and administrative activities in uniform way as far as possible. It adopts decentralization policy to effectively administering its functioning through various committees. This helps in smooth conduct of academic, financial and administrative activities of the college. 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.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Curriculum is planned by the JNTUH University. The college implements it

	in strict accordance with the existing rules and norms
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.
Examination and Evaluation	Internal Examinations are conducted as per the guide lines , instructions and timetable given by the University. External University Examinations are conducted as per the norms and regulations of the University of JNTUH. Paper evaluation be done by the JNTUH University and results will be declared by the JNTUH.
Research and Development	1)Encouraging faculty to register for Ph.D 2) Providing financial assistance to faculty for presentation of research papers, attending conferences, workshops, etc. 3) Encouraging the students to do research oriented projects. 4) Motivating teachers to take research projects. 5) Improving library and laboratory facilities for research.
Library, ICT and Physical Infrastructure / Instrumentation	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. 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 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.
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.
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.)
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.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	To use ICT in the process of planning college-events and activities. Important notices and reports are also circulated through whatsup and e – mails, there by trying to achieve the paperless SSIT.E-governance is the integration of communication technology and Information technology in all the working processes of the system. It aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and

	time effective.
Administration	The college has Biometric attendance for teaching and non-teaching staff. CCTV Camera installed at various places of need. surveillance on computer for college Authorities. ICT has been introduced in the Administrative work. College staff uses Smartphone with inbuilt social apps to communicate. WhatsApp Group helps to provide the brief notices of any event to be happened on college. WhatsApp Groups are also used for awareness and of smooth functioning of the same. To keep all department wise proofs in the google drive.
Finance and Accounts	Finance and Accounts: With the aim to produce immediate information in finance and Accounts. This section of College is partially e-governed. The college uses the Tally software for the functioning of Accounts department. The same software is used to generate various reports like Consolidated Day Book General Day Book Daily Cash Collection report.
Student Admission and Support	Students admission for the academic year 18 – 19 through TSEAMCET2018. Management quota admissions are filled through merit list of the students. Students are given merit scholar ships for economically poor students. Students are given merit certificates for their performance in the academics. EZ School software is used for the record of the students like fees paid, attendance, addresses, etc., Clarity2001 software is used in the library for opac and issuing of books and returning of the books. Student ID cards are issued using Eveolis software and Eveolis machine.
Examination	External examinations and internal examinations will be conducted as per the JNTUH guidelines. JNTUH declares the results of External examinations. Examination branch uses SSIT Examination portal to view the results , percentage calculations CGPA , backlogs of the students etc.,

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support

		for which financial support provided	which membership fee is provided	
2020	CH.LEELAVATHI	DRIVING SUSTAINBLE DEVELOPMENT THROUGH HIGHER EDUCATION IN WAKE OF COVID-19 (CONFERENCE)	NA	Nill
2020	K .VASAVI	DRIVING SUSTAINBLE DEVELOPMENT THROUGH HIGHER EDUCATION IN WAKE OF COVID-19 (CONFERENCE)	NA	Nill
2020	P. SEKHARBABU	An Optimal Steering vector Generation using chaotic Binary Crow search Algorithm for MIMO System	NA	Nill
2020	KRK PRASAD	ELECTROMAGNETIC AND THERMAL SIMULATION OF PMSM MOTOR	NA	Nill
2020	M.PRATHIMA	Yoga - A Science of Breath and Meditation for Subtle Energy Channeling	NA	Nill
2020	SK.S.S.BASHA	ELECTROMAGNETIC AND THERMAL SIMULATION OF PMSM MOTOR	NA	Nill
2020	K NAVEEN	ELECTROMAGNETIC AND THERMAL INNOVATIONS	NA	Nill
2020	J.SRI HARI BABU	TECHNOLOGICAL ADVANCEMENT IN SUBSTATION AUTOMATION SYSTEM	NA	Nill
2020	SK.SAIDULU	ELECTRICAL INNOVATIONS IN SMART GRID	NA	Nill

| 2020 | N.G.V.KRISHNA | OPEN INTERNET RESOURCES | NA | Nill |

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	HOW TO ENGINEER YOUR ATTITUDE AS AN ENGINEERING FACULTY	NA	19/10/2019	19/10/2019	45	Nill
2020	Personality development programme	NA	30/01/2020	30/01/2020	54	Nill
2020	NA	ELECTRICAL CAD	13/02/2020	15/02/2020	Nill	9
2020	NA	IMAGE PROCESSING TECHNIQUES USING MATLAB	15/07/2020	19/07/2020	Nill	11

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
5G TECHNOLOGIES WITH APPLICATIONS FOR IOT	1	10/08/2020	16/08/2020	6
A PERSPECTIVE VIEW ON EMBEDDED SYSTEMS, ROBOTICS ARTIFICIAL INTELLIGENCE APPLICATIONS	1	27/07/2020	29/07/2020	3
Accelerating	1	30/05/2020	30/05/2020	1

Engineering Skills to Challenge the COVID Crises Times				
Adv. Data Structures	1	01/06/2020	11/06/2020	12
ADVANCED ANTENNA DESIGN USING HFSS	6	12/05/2020	17/05/2020	6
Advanced Data Science and its Applications	2	22/06/2020	26/06/2020	5
ADVANCED EMBEDDED SYSTEMS WITH ARDUNIO	2	26/05/2020	31/05/2020	6
ADVANCED MATERIALS AND ADDITIVE MANUFACTURING	2	29/06/2020	03/07/2020	5
ADVANCED MATERIALS AND ADDITIVE MANUFACTURING	1	12/06/2020	16/06/2020	5
ADVANCEMENT IN COMMUNICATION ENGINEERING TECHNOLOGIES WITH SIMULATION TOOLS	3	01/07/2020	05/07/2020	6

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	10	4	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Insurance, EPF, Society Loans Facility, Free College Bus Transportation Facility	Health Insurance, EPF, Society Loans Facility, Free College Bus Transportation Facility.	Medical Assistance.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The college was formulated with financial strategies for effective and optimum utilization of the resources for development and strengthen of the college. Every year budget will be prepared and reviewed by the management. Every year institution invites budget proposals from various departments and various

cells. The internal budget will be prepared by the department wise and various cells and submits it to the IQAC. Accordingly based on the importance and priority budget will be allocated to the departments and to the various cells. Every year the internal audit will be done by the IQAC committee. Financial audits will be done by the certified financial auditor every year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NA

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6.4.3 – Total corpus fund generated

4361091

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.Parent teacher meeting will be conducted and their son/daughter performance will be intimated about attendance, performance in the internal examinations and in the external examinations. 2. Parents suggestion's are taken and seen to be implemented. 3. Parents can meet the subject instructors and can discuss about the progress of their ward.

6.5.3 – Development programmes for support staff (at least three)

1.One day Program is organised ,HOW TO ENGINEER YOUR ATTITUDE AS AN ENGINEERING FACULTY on 19.10.2019. 2.One day Program is conducted on Personality development programme on 30.01.2020. 3.A three day work shop is organized on ELECTRICAL CAD from 13.02.2020 to 15.02.2020. 4.A five day work shop is conducted on IMAGE PROCESSING TECHNIQUES USING MATLAB from 15.07.2020 to 19.07.2020.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. 6 more LCD projectors and Xerox machine have been established . 2. Internet band width speed is increased from 50 to 70 MBPS. 3. Swayam, NPTEL , e – Journals are effectively used.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants

2019	Certificate Presentations for toppers in the years	11/09/2019	11/09/2019	11/09/2019	12
2019	Merit Scholar Ships to economically backward students	11/09/2019	11/09/2019	11/09/2019	50
2019	Oracle Database Design and programming	30/07/2019	30/07/2019	03/08/2019	40
2019	Professional of Practice	29/10/2019	29/10/2019	01/11/2019	56
2019	21st Century Survival skills	26/12/2019	26/12/2019	28/12/2020	44
2020	Campus to corporate Connect	02/01/2020	02/01/2020	03/01/2020	56
2020	Introduction to IOT	30/01/2020	30/01/2020	01/02/2020	44
2020	21st Century Transferable Skills	24/02/2020	24/02/2020	28/02/2020	42
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Bathukamma Sambaralu	29/09/2019	29/09/2019	160	25
Traditional day celebrations	13/01/2020	13/01/2020	200	120

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
As a contribution towards "Sustainable Development" initiatives 100 KW Solar

Power Plant is installed and 36.2 of total energy requirement of SSIT is met by this renewable energy source. Rain water harvesting, Tree plantation, Waste management efforts on a continuous basis made our SSIT a "Clean and Green Campus". Green Initiatives: To plant new saplings in the campus and also to distribute the same in neighbouring Villages under "SAI PRAKRUTHI" scheme.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	No	0
Ramp/Rails	Yes	1
Braille Software/facilities	No	0
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	01/07/2019	365	Lead India 2020 " Aap Badho Desh Ko Badhao" program	Dr. A.P.J. Abdul Kalam's largest Social change program of India	50000
2020	1	1	05/02/2020	3	NSS and Sai Spurthi Student Seva Samithi organised Free Homeo Medicine Distribution Camp	Distribution of Preventive Homeo Medicine for CORONA Virus to Villagers and School Children	300
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
SSIT Code of Conduct	20/06/2019	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers day celebrations	05/09/2019	05/09/2019	230
Engineers day celebrations	15/09/2019	15/09/2019	300
NSS day	24/09/2019	24/09/2019	150
Independence day celebrations	15/08/2019	15/08/2019	120
Republic day celebrations	26/01/2020	26/01/2020	100

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. 100 KW Solar Power Plant in the campus meets 36.2 of total energy requirement. 2. Rain water harvesting. 3. Tree plantation in the campus. 4. Waste management initiatives: Use of Vermi compost Sugar cane cake as fertilizer, Recycling of used Paper etc. 5. E-waste management.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 1. Title of the Practice: Monitor-Measure-Manage System, an effective practice of 1:20 counselling system for mentoring students in realizing their dreams 2. Goal: This practice is aimed to create an opportunity for the faculty members to understand the students both academically and personally. This practice helps to analyze the performance of the students and provides a platform for overall development of the students. Objectives of the Practice: • To record the performance of students. • To initiate a system to help every student both academically and personally. • To provide a healthy academic environment in the campus. 3. The Context: Students come from diverse background like medium of study and different levels of knowledge, and the system of education equates all students on a common platform. Hence, there is a need to understand each student and address his/her problems in successful completion of the course. This has led to the need for mentoring practice that associates a faculty member to a group of 20 students as a teacher cum mentor. 4. The Practice: A dedicated Counselling Personality Development Cell (CPD Cell) is established to help mentoring students towards achieving better results and overall development. Every faculty is allotted with 20 students who meet once in a week for feedback and guidance to set his/her goal. The faculty in charge is provided with forms formats like Group counseling sheets, Counsellor's Observation Form Semester Summary Report and Guidance Report from CPD Cell for the next academic year etc. Any action if required is initiated to help every student to achieve his/her set goals. This practice provides a continuous record of change or development in student learning and behavioral pattern. The parents are also briefed with the same during parent teachers meet. 5. Evidence of Success: This practice has created a positive impact on students' campus life. There is a great change in students' behavior as time progresses. The students learn to set goals and accomplish it. This gives them a sense of achievement. This has created confidence, responsibility commitment

in the students. The mentors (faculty in charge) give them a positive influence to face any challenges in life. 6. Problems encountered and Resources Required: Though, this practice has created a very strong impact on student community as a whole, and a very peaceful atmosphere is established in the campus, still few students are not able to come up to the expectation due to many other reasons. The mentors (faculty in charge) work with them on individual basis to understand their needs, as transformation is a continuous process. 7. Contact Details: Name of the Chief Counsellor: K.V. Jawahar, CP.D Cell Name of the Institution: Sai Spurthi Institute of Technology, B. Gangaram, Sathupally – 507303 Cell: 8919096826 Website: www.saispurthi.ac.in, E-mail: kotagirivj@gmail.com BEST PRACTICE 2 1. Title of the Practice: Promotion of our Honourable President late Dr. A.P.J. Abdul Kalam's dream project "Lead India 2020" in association with our parent organization Hetero Drugs Ltd., as an Institution's Social Responsibility. 2. Goal: To strengthen the value system in the student community at the early stages of School College level to mould them into enlightened personalities. 3. The Context: "Aap Badho Desh Ko Badhao" program, an initiation of Lead India 2020 foundation for mass transformation has been implemented by our SSIT to cover entire youth of Khammam District since 2 years, with the help of our parent organization Hetro Drugs Ltd. 4. The Practice: SSIT's goal is to empower rural youth of Khammam District to channelize their energies in Nation building. And in this regard, it has joined hands with Lead India foundation with the help of financial assistance from Hetero Drugs Ltd. Thousands of students from various Schools Colleges have been benefited by this project, and we are proud to be a part of this prestigious rural youth empowerment program. And the activities covered under this training program include - Ignition of Scientific Temper, Physical, Mental, Career, Social, National, and Spiritual Development, Human Values for Human excellence etc. 5. Evidence of Success: We believe that hard work almost always results in success, sooner or later. This belief has been proven right by the results we have achieved over the last few years. 5. Problems Encountered and Resources Required: Lead India 2020 has created a very strong impact on the society as a whole, even though some section of society might not have been participated as resistance is inevitable for any change program. A lot has to be done, and SSIT is committed for this "Aap Badho Desh Ko Badhao" one of the largest social change program in history.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://saispurthi.ac.in/NAAC/AY19-20/CR7/7.2.1.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The motive for establishing Sai Spurth Institute of Techlnology (SSIT) by Dr. Partha Sarathi Reddy, Chairman, Hetero Drugs Ltd. was to provide quality education of global standards as a gesture 'to give back to the society' that nurtured him. The institution, run on 'not for profit' basis and in a short span of time, SSIT has grown to take place among the finest institutions in Telangana and is blending the best traditions with vibrant energy and diversity. NAAC had accredited the Institution in 2013 for five years with B Grade. Progress of the Institution SSIT has established itself as a much sought after Institution for aspiring students and their parents. The major objective of our Trust is to provide educational facilities to the students with rural background and the management is providing financial help to the meritorious students. The Institution distributes scholarships valued more than Rs.30 lakhs every year under different categories. The Institution inculcates social consciousness among its students through active forums such as Sai Spurthi

Student Seva Samithi, Lead India 2020 and NSS. "Lead India 2020" was a social project undertaken by SSIT in various Schools and Colleges of Khammam District in association with Hetero Drugs Ltd., Hyderabad. The major strength of the institute is its ability to ensure holistic development of students to make them educated and employable, Industry ready and enlightened citizens. It is a regular practice of the institution to invite expert resource persons to conduct workshops on the development of communication competence among the students. Students are also allotted different responsibilities in organizing events and activities such as cultural programs, competitions, seminars, workshops etc. in this way they improve their team building and organizational skills. The college has all the necessary facilities with experienced and well qualified faculty members to develop the young minds with high academic ambience. The college also has adequate space and amenities to conduct competitive exams like GATE and organize National level competitions. The college is committed to promote sports activities towards the all-round growth of its students. The institution also hosts JNTUH zonal tournaments in the campus. A serene green campus sets an ambience for peaceful learning. The institute has developed a system for students support and progression that fosters innovation, self- development and active learning. A dedicated CPD (Counseling Personality Development) Cell is established in 2012, and faculty of the institute through mentoring mechanism play a pivotal role in the overall personality development of the students. The polices, administrative structure and practices that have been enabled by the top management of the Institute has resulted in the Institute earning a place as one of the top engineering colleges in Khammam District of Telangana state.

Provide the weblink of the institution
http://saispurthi.ac.in/NAAC/AY19-20/CR7/7.3.1.pdf

8.Future Plans of Actions for Next Academic Year

 ? COVID-19 Challenge: To associate with reputed online platform offering companies like "CODE TANTRA" in protecting the Academic interests of Staff Students. ? To organize various student centric programmes in collaboration with TASK and other reputed Institutes. ? To strengthen the TP Cell to impart Job oriented Skills to students and in improving the placements. ? To encourage faculty members and students with financial incentives to register for NPTEL courses, an excellent platform created by IITs. ? To continue financial support to faculty members and students to publish papers in reputed Research Journals. ? To play a lead role in Sustainable Development efforts as a contribution towards Nation Building. ? To focus on all round Personality Development of students by organizing all in one long duration programs like "SPURTHI 2K20". ? Social Responsibility: To continue association with Lead India 2020 foundation in transformation of rural youth. ? Green Initiatives: To plant new saplings in the campus and also to distribute the same in neighbouring Villages under "SAI PRAKRUTHI" scheme. ? To apply for Renewal of NAAC Accreditation.