



Yearly Status Report - 2019-2020

Part A

Data of the Institution

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|---|--|
| 1. Name of the Institution | SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION |
| Name of the head of the Institution | Dr. P. BALAKRISHNA SHETTY |
| Designation | Vice Chancellor |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 0816-2275516 |
| Mobile no. | 9845699374 |
| Registered Email | info@sahe.in |
| Alternate Email | iqac@sahe.in |
| Address | Sri Siddhartha Academy of Higher Education, Agalakote, B.H.Road. |
| City/Town | TUMKUR |
| State/UT | Karnataka |
| Pincode | 572107 |

| 2. Institutional Status | | | | | | | | | | | | | | | | | | | |
|--|-----------------|---------------------------------------|---|-------------|-------------|---|-------|------|---|-----------------|---------------------------------------|-------------|-----------|---|---|------|------|-------------|-------------|
| University | | | Deemed | | | | | | | | | | | | | | | | |
| Type of Institution | | | Co-education | | | | | | | | | | | | | | | | |
| Location | | | Rural | | | | | | | | | | | | | | | | |
| Financial Status | | | Self financed | | | | | | | | | | | | | | | | |
| Name of the IQAC co-ordinator/Director | | | Dr.Swamy R M | | | | | | | | | | | | | | | | |
| Phone no/Alternate Phone no. | | | 08162275512 | | | | | | | | | | | | | | | | |
| Mobile no. | | | 9886420408 | | | | | | | | | | | | | | | | |
| Registered Email | | | iqac@sahe.in | | | | | | | | | | | | | | | | |
| Alternate Email | | | dr.swamyrm@gmail.com | | | | | | | | | | | | | | | | |
| 3. Website Address | | | | | | | | | | | | | | | | | | | |
| Web-link of the AQAR: (Previous Academic Year) | | | https://sahe.in/assets/pdf/Report-AQAR-2018-19.pdf | | | | | | | | | | | | | | | | |
| 4. Whether Academic Calendar prepared during the year | | | Yes | | | | | | | | | | | | | | | | |
| if yes,whether it is uploaded in the institutional website: Weblink : | | | https://sahe.in/assets/calendar-of-events/Calender%20of%20Events%20-%202019-20.pdf | | | | | | | | | | | | | | | | |
| 5. Accrediation Details | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>A</td> <td>3.01</td> <td>2015</td> <td>16-Nov-2015</td> <td>15-Nov-2020</td> </tr> </table> | | | | | | Cycle | Grade | CGPA | Year of Accrediation | Validity | | Period From | Period To | 1 | A | 3.01 | 2015 | 16-Nov-2015 | 15-Nov-2020 |
| Cycle | Grade | CGPA | Year of Accrediation | Validity | | | | | | | | | | | | | | | |
| | | | | Period From | Period To | | | | | | | | | | | | | | |
| 1 | A | 3.01 | 2015 | 16-Nov-2015 | 15-Nov-2020 | | | | | | | | | | | | | | |
| 6. Date of Establishment of IQAC | | | 18-Jun-2015 | | | | | | | | | | | | | | | | |
| 7. Internal Quality Assurance System | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table> | | | | | | 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 | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | |
|--|------------------|-----|
| IQAC Meeting | 05-Mar-2020 1 | 30 |
| Internal Academic Audit | 03-Dec-2019 2 | 170 |
| Internal Audit for Examination Process | 15-May-2020 1 | 170 |
| Workshop on Quality Assurance Professional Ethics and Social Concern in Engineering Domain | 31-Oct-2019 1 | 170 |
| Women Health and Hygiene | 29-Nov-2019 1 | 180 |
| A talk on Engineer How to prepare for their Career | 09-Jan-2020 1 | 140 |
| Workshop on Pedagogical Initiatives | 11-Jan-2020 1 | 50 |
| A talk on IT Industry 2020 Technology Trends, Challenges and Opportunities | 07-Mar-2020 1 | 150 |
| International Womens Day | 13-Mar-2020 1 | 280 |
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8. Provide the list of Special Status conferred 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 |
|--------------------------------------|--------------------------|----------------|-----------------------------|---------|
| Electrical & Electronics Engineering | Research and development | VGST | 2019 365 | 4000000 |
| No Files Uploaded !!! | | | | |

| | |
|--|---------------------------|
| 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)

• As a part of ensuring quality in maintenance of academic and personal records by each and every faculty of college with respect to courses taught by them, an internal audit was conducted during December 2019 by using the services of senior level faculty of the college. This helped the heads of the department to a larger extent to maintain all the relevant records as expected by the visiting expert committees and in line with the set up standards. It also helped the college administration to ensure smooth operation and running of the academic processes and activities across all the departments of the college. • Subsequently during June 2020, the second internal audit has been conducted with respect to question papers used in internal and external examination of odd semester 201920. Separate committee was setup to visit every department in this connection. The report has been submitted by all the concern in respect to audit carried out. The report consists of the audit information with respect to the quality of the questions, given scheme and solutions prepared, evaluations made, etc. It also dealt with various issues such as weightage of marks given, coverage of the syllabus in the uniform way, choice given in the question papers, etc. • In order to inculcate quality in Teaching Learning and Research Development, IQAC has organized several workshops on quality aspects such as Quality Assurance, Professional Ethics, Social Concern in Engineering Domain, Pedagogical skills, Induction training programs, etc. The IQAC has also organized a series of extramural lectures on recent technology trends, challenges and career opportunities for the benefit of students and faculty. • Two UG programmes Civil Engineering and Electrical Electronics Engineering were accredited by NBA for 6 years. • Dealing with Covid19 Crisis: Concentrated efforts have been initiated to tackle Covid19 pandemic situation. Preparation to establish NABL COVID19 laboratory (BSLII) at the constituent medical colleges. COVID CARE CENTER (CCC), COVID designated hospital with 100 beds are established. COVID19 Update bulletin is published by the university and is sent to UGC. COVID awareness programs were conducted through Radio Siddhartha, YouTube and Doordarshan.

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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 |
|--|---|
| BSL2- Covid PCR lab | Initiated in May 2020 and NABL accredited in Sept 2020 |
| To organize Student Induction Program (SIP) and Foundation Course. | "Student Induction Program (SIP) was organized by the Institution Induction Program Cell (IIPC) adhering to the AICTE guidelines for the first year UG students during August 2019. Foundation Courses was organized for Ist Year MBBS Students as per new CBME of MCI. Induction Program was organized Ist Year BDS Students." |

| Improve the number of MoUs with Industries. | 28 MoUs were signed both at the Institution and department levels for the benefit of the students in terms of Internships, Placements, Industry Visits etc. | | | | |
|--|---|--------------|------------------|-------------|--|
| To conduct audit on academics, examination and supporting units like library. | Audits on academics, examination and Library were conducted. | | | | |
| To submit institutional data for AISHE | Submitted institutional data for AISHE on 15-05-2020 | | | | |
| To participate in NIRF | Participated in NIRF 2018-19 and ranked between 150-200 | | | | |
| To apply for accreditation of UG Programs. | Two UG programmes - Civil Engineering and Electrical & Electronics Engineering were accredited by NBA for 6 years. | | | | |
| To organize a series of extramural lectures | Organized a series of extramural lectures on recent technology trends, challenges and career opportunities for the benefit of students and faculty. | | | | |
| To organize workshops on quality aspects | IQAC has organized several workshops on quality aspects such as Quality Assurance, Professional Ethics, Social Concern in Engineering Domain, Pedagogical skills, Induction training programs, etc. | | | | |
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| 14. Whether AQAR was placed before statutory body ? | Yes | | | | |
| <table border="1"> <tr> <th>Name of Statutory Body</th><th>Meeting Date</th></tr> <tr> <td>Academic Council</td><td>06-Aug-2020</td></tr> </table> | Name of Statutory Body | Meeting Date | Academic Council | 06-Aug-2020 | |
| Name of Statutory Body | Meeting Date | | | | |
| Academic Council | 06-Aug-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 | 05-Mar-2020 | | | | |
| 17. Does the Institution have Management Information System ? | Yes | | | | |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | There is an online dedicated Student Information System (SIS), "Gurukul" "e | | | | |

Genius" Campus and Academic Automation Systems, catering to creation of database of students in respect of admissions, fee paid, academics and examinations. It is serving as a secured platform to prepare marks cards and certificates as required. Access has been provided to all the stakeholders including parents. Feedback system and OBE analysis has been inbuilt in this software.

Highlights of the SIS

- Comprehensive online student information (both academic and nonacademic) to monitor the progress of the students.
- Keep track of academic activities of staff.
- Student counseling/mentoring.
- Facilities for the parent to track the progress of their wards.
- Access to portal from any device, anytime and from anywhere.
- Online Feedback system
- Dashboards for Management, Principal, HODs to monitor various activities of college and departments.
- Student academic management - Registration, Attendance and Internal marks
- SMS and email notification on missed classes.
- Coded Examination system and various reports as per requirement.
- Role based menu driven rights.

The SIS has several modules ranging from admission to examination and publishing results and printing of all statutory reports for various university and accreditation needs: List of modules:

1. Student Enrolment
2. Course Management
3. Subject Management
4. Time Table Management
5. Attendance management
6. CIE Management
7. Student monitoring / Counseling
8. Pre Examination, Examination, Bundling, Valuation, Post examination process management

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

| Name of Programme | Programme Code | Programme Specialization | Date of Revision |
|-------------------|----------------|----------------------------------|------------------|
| BE | UG-CS | Computer Science and Engineering | 30/06/2019 |
| Mtech | PG-CSE | Computer Science and Engineering | 30/06/2019 |
| BE | UG-CV | Civil Engineering | 30/06/2019 |

| | | | |
|-------|--------|---|------------|
| Mtech | PG-CAD | Civil Engineering | 30/06/2019 |
| BE | UG-EE | Electrical & Electronics Engineering | 30/06/2019 |
| Mtech | PG-CAI | Electrical & Electronics Engineering | 30/06/2019 |
| BE | UG-EC | Electronics & Communication Engineering | 30/06/2019 |
| Mtech | PG-DEL | Electronics & Communication Engineering | 30/06/2019 |
| Mtech | PG-VES | Electronics & Communication Engineering | 30/06/2019 |
| BE | UG-IS | Information Science and Engineering | 30/06/2019 |

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

| Programme with Code | Programme Specialization | Date of Introduction | Course with Code | Date of Introduction |
|---------------------|--|----------------------|--|----------------------|
| BE | Quantitative aptitude and life skills | 01/08/2019 | Quantitative aptitude and life skills :18SK301 | 01/08/2019 |
| BE | Reasoning ability and career skills | 01/08/2019 | Reasoning ability and career skills: 18SK401 | 01/08/2019 |
| BE | Communication skills and professional ethics: | 01/08/2019 | Communication skills and professional ethics: 18SK501 | 01/08/2019 |
| BE | Employability skills and professional development of engineers | 01/08/2019 | Employability skills and professional development of engineers:18SK601 | 01/08/2019 |
| BE | Operation research: | 01/08/2019 | Operation research: ME60E611 | 01/08/2019 |
| BE | Management and Entrepreneurship | 01/08/2019 | "Management and Entrepreneurship:CE5T01" | 01/08/2019 |
| BE | Management and Entrepreneurship | 01/08/2019 | "Management and Entrepreneurship | 01/08/2019 |

| | | | | |
|---------------------------|--|------------|---|------------|
| | ership | | ship:TC6T04" | |
| BE | Industrial Management, Electrical Estimation and Economics | 01/08/2019 | Industrial Management, Electrical Estimation and Economics:EE8T02 | 01/08/2019 |
| BE | Business Management for Entrepreneurs | 01/08/2019 | Business Management for Entrepreneurs:E C8T02 | 01/08/2019 |
| BE | Innovation and IPR | 01/08/2019 | Innovation and IPR:EC8PE54 | 01/08/2019 |
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---------------------------|--|-----------------------|
| PG Diploma | Fellowship in preventive care | 05/07/2019 |
| PG Diploma | Fellowship in Oncoanaesthesia | 05/07/2019 |
| PG Diploma | Fellowship in Urooncology | 05/07/2019 |
| PG Diploma | Fellowship in Dental Rehabilitation | 05/07/2019 |
| PG Diploma | Fellowship In molecular biology and genomics | 05/07/2019 |
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--|---|
| BE | UG-Computer Science and Engineering | 01/08/2019 |
| BE | UG-Civil Engineering | 01/08/2019 |
| BE | UG-Electrical & Electronics Engineering | 01/08/2019 |
| BE | UG-Electronics & Communication Engineering | 01/08/2019 |
| BE | UG-Information Science and Engineering | 01/08/2019 |
| BE | UG-Industrial Engineering & Management | 01/08/2019 |
| BE | UG-Mechanical Engineering | 01/08/2019 |
| BE | UG-Telecommunication Engineering | 01/08/2019 |

| | | |
|-------|---|------------|
| BE | UG-Medical Electronics | 01/08/2019 |
| Mtech | PG-Computer Science and Engineering | 01/08/2019 |
| Mtech | PG-Computer Aided Design of Structures | 01/08/2019 |
| Mtech | PG-Computer Applications in Industrial Drives | 01/08/2019 |
| Mtech | PG-Digital Electronics | 01/08/2019 |
| Mtech | PG-VLSI & Embedded Systems | 01/08/2019 |
| Mtech | PG-Thermal Power Engineering | 01/08/2019 |
| Mtech | PG-Product Design and Manufacturing | 01/08/2019 |
| MCA | PG-Master of Computer Applications | 01/08/2019 |

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 |
|--|----------------------|-----------------------------|
| Electric Vehicle Design VAC/19-20/EE/1 | 01/02/2020 | 61 |
| Machine Learning using Python VAC/19-20/EC/1 | 01/01/2020 | 118 |
| Foundation course MU01 | 01/09/2019 | 150 |
| Advanced cardiac life support" by a team from Apollo hospital, Bangalore. MU01 | 24/02/2020 | 50 |
| Intern orientation program | 04/03/2020 | 61 |
| Research Methodology Training Program (RMTP) | 01/08/2019 | 12 |
| View File | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|-------------------------|---|---|
| BE | Student Internships | 216 |
| MBBS | Water filtration, PHC visit for cold-chain | 50 |
| MBBS | Water filtration plant, anganwadi ,family study | 150 |
| MBBS | Hospital visit ,catering establishment | 45 |
| MBBS | Village survey,family study | 45 |

| | | |
|---------------------------|--|----|
| BDS | Compulsory rotatory internship | 37 |
| BDS | Camp at Sree Bhyraweshwara PU College, Heggere | 3 |
| BDS | Camp at Govt Primary School, Bheemsandra | 2 |
| BDS | Camp at GHPS, Chikkanaranasandra | 3 |
| BDS | Camp at Blossom English Higher Primary School | 2 |
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

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

| |
|---|
| Feedback Obtained |
| <ul style="list-style-type: none"> • The feedback committee of the Institute collects feedback for all the courses offered by the college from various stake holders namely students, interns, parents, patients, alumni, academic peers, employees and external examiners. • Feedback is collected and analyzed using SPSS Software and the results are discussed for appropriate actions to be taken at the institutional level for improvement in the overall development of the Institute. • Student feedback on teachers for all the academic subjects will be evaluated on annual basis, based on the following attributes like: Knowledge base of the teacher, communication skills, sincerity/commitment of the teacher, and ability to integrate the course material with the environment. The rating of the teacher will be done using five point scale. • Similarly, the student feedback on course for all academic subjects will be evaluated on annual basis and rating will be allotted on a four point scale to the various attributes like: learning values (in terms of skills, concepts, knowledge, analytical abilities), applicability/relevance to real life situations, depth of course content, extent of the coverage of the course and clarity and relevance of reading material. The data will be tabulated and analysed. The difficulties encountered by the students will be brought to the notice of the respective mentors and class coordinators. The same will be brought to the notice of the Principal /or IQAC chairperson. • The curriculum feedback from various stakeholders is analyzed and the analysis reports are submitted to the Curriculum Development Cell. • The Placement office collects curriculum feedback from the Employers. • The observations will be then deliberated in the board of studies and academic council proceedings. Finally, it will be put forth before board of management for further rectification/clarification. • The feedback analysis reports are considered as major inputs while improving the curriculum offered by the Institution on par with the national and international technological changes. |

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 |
|---------------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MD | MD: Radio-Diagnosis | 4 | Nill | 4 |
| MD | MD: Anaesthesia | 4 | Nill | 4 |
| MD | MD: Paediatrics | 4 | Nill | 4 |
| MD | MD: General Medicine | 4 | Nill | 4 |
| MD | MD: Community Medicine | 2 | Nill | Nill |
| MD | MD: Microbiology | 2 | Nill | Nill |
| MD | MD: Pathology | 2 | Nill | Nill |
| MD | MD: Physiology | 3 | Nill | Nill |
| MD | MD: Anatomy | 2 | Nill | Nill |
| MBBS | UG: MBBS | 150 | Nill | 150 |
| View File | | | | |

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 | 3513 | 268 | 414 | 133 | 133 |

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 | Number of smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 414 | 382 | 1050 | 67 | 8 | 10 |
| View File of ICT Tools and resources | | | | | |
| View File of E-resources and techniques used | | | | | |

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

- Student Mentoring, Guidance and Counseling is done by the faculty members fortnightly and guidance is given to improve their academic performance. The Students Mentoring committee allots mentors to students at the beginning of each academic year. Committee has taken care in allotting the boys for male staff girls for the female staff respectively, so that the student can discuss their academic and non-academic matter through their

course with their course with their respective mentor. This has helped the student to cope up with the new environment. Mentors are in coordination with parents and local guardian. • Each mentor is instructed to maintain a detailed profile including health records of all the students allotted to them. At regular interval the mentors are instructed to collect academic percentage, marks obtained overall performance from the departments his/her student belongs. The collected information will be given to the respective class coordinators who will in turn post the letters to respective parents through ordinary/registered post/emails with acknowledgement due (first and third letter ordinary post and second letter-registered post). We request their parents to send the acknowledgement slip when they go through the sent letter (Through post, phone, message, e-mails). If parents have any query about their ward they can discuss with the mentors over the phone. Student progression is regularly monitored and efforts are made to reduce dropout rate and increase pass percentage. Important student issues are reported to Dean Office. Remedial classes for the slow learners are conducted. • This process is continued till the completion of their degree. Expert level counseling is arranged in valid cases and on prior request.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 3781 | 414 | 1:9 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 391 | 414 | Nill | 25 | 51 |

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 | Dr. Sunil K | Associate Professor | Editorial Board Member, International journal of Modern Chemistry |
| 2019 | Dr. Vinutha C B | Assistant Professor | Reviewer, IEEE Transactions on Communications. |
| 2019 | Dr. H.V. Jayaprakash | Assistant Professor | Innovative Researcher Dedicated Academician Award-2020, The Society of innovative Educationalist Scientific Research Professional. Accredited with Innovative Scientific Research Professional, Chennai |
| 2019 | Naveen Kumar A N | Associate Professor | Technical Presentation, Java Servlets, |

| | | | |
|---------------------------|------------------------|------------------------|---|
| | | | AryaBharathi Polytechnic, Tumkur. |
| 2019 | Sushma M | Assistant Professor | Guest Lecture, Concept of FlipFlop and its applications, Sheshadripuram Degree College, Tumkur. |
| 2019 | Prasanna Kumar M | Assistant Professor | Guest Lecture, Trends and opportunities in IoT through Video conferencing, CIT, Gubbi. |
| 2019 | Dr. Srinidhi G A | Assistant Professor | Resource Person at MITE, Moodbidre |
| 2019 | Jeevith | Assistant Professor | Guest Lecture, Digital System Design using FPGA, SSFGC, Tumkur |
| 2019 | Dr. C D Guruprakash | Professor | Member of BOS, Dept. of ISE, PESCE, Mandya |
| 2019 | Dinesha L | Assistant Professor | Resource Person, Workshop on C Programming, Seshadripuram Degree College, Tumkur. |
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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 |
|----------------|----------------|-------------------------|---|---|
| BDS | DU01 | JANUARY 2020 | 10/02/2020 | 12/02/2020 |
| MCA | EP | Odd semester 2019-20 | 08/01/2020 | 10/01/2020 |
| BE | EU | Odd semester 2019-20 | 26/12/2019 | 01/01/2020 |
| Mtech | EP | Odd semester 2019-20 | 08/01/2020 | 10/01/2020 |
| MBBS | MU01 | I | 26/07/2019 | 31/07/2019 |
| MBBS | MU01 | Fast Track | 18/09/2019 | 19/09/2019 |
| MBBS | MU01 | II | 28/07/2019 | 20/08/2019 |
| MBBS | MU01 | III | 20/07/2019 | 14/08/2019 |

| | | | | |
|---------------------------|------|-----------|------------|------------|
| MBBS | MU01 | IV | 30/07/2019 | 07/08/2019 |
| BDS | DU01 | JULY 2019 | 03/08/2019 | 14/08/2019 |
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

| Number of complaints or grievances about evaluation | Total number of students appeared in the examination | Percentage |
|---|--|------------|
| 31 | 3196 | 0.96 |

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)

<https://sahe.in/assets/naac/criteria2/2.6.1%20Learning%20Outcomes%20And%20Graduate%20Outcome%20Of%20Each%20Programme.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 |
|---------------------------|----------------|--------------------------|---|---|-----------------|
| DP | MDS | PG | 12 | 12 | 100 |
| DU | BDS | UG | 67 | 37 | 55 |
| MP | MD | PG | 39 | 39 | 100 |
| MP | MD | PG | 3 | 2 | 67 |
| MU | MBBS | UG | 115 | 74 | 64 |
| MU | MBBS | UG | 101 | 65 | 64 |
| EP | Mtech | PG | 41 | 41 | 100 |
| EU | BE | UG | 582 | 565 | 97 |
| View File | | | | | |

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)

<https://sahe.in/assets/naac/criterial/1.4.1%20Feed%20back%20from%20stake%20holders.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

| Type | Name of the teacher awarded the fellowship | Name of the award | Date of award | Awarding agency |
|----------|--|--|---------------|--|
| National | Dr. Swarna Buddha Nayok | Second prize for Poster presentation titled "Psychedelic | 10/10/2019 | KANCIPS (Annual Conference of the Indian Psychiatric |

| | | | | |
|---------------------------|-------------------------|--|------------|---|
| | | experience of Pink Floyd may be hidden in Lexical Density of their lyrics | | Society-Karnataka Chapter) |
| National | Dr. Gangadhar | Eminent teacher Award | 26/11/2019 | 67TH ISACON 2019 |
| National | Dr. Chandana | Best Essay prize for essay in RNTCP State level essay competition under faculty category on occasion of World TB day 2020 | 18/03/2020 | RNTCP |
| National | Dr. Rachana | Certificate of appreciation for Social Activity -- for school screening in Hirehalli. | 18/01/2020 | Red-cross society |
| National | Dr. Swarna Buddha Nayok | Presented paper titled Reasons for not following-up in patients with psychiatric illnesses: A telephonic cross-sectional study | 10/10/2019 | KANCIPS (Annual Conference of the Indian Psychiatric Society-Karnataka Chapter) 2019. |
| View File | | | | |

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

| Name of Research fellowship | Duration of the fellowship | Funding Agency |
|--|----------------------------|-------------------------|
| Abhishek S N Full Time Research Scholar | 1095 | SSAHE |
| Badrinarayana Full Time Research Scholar | 1095 | Government of Karnataka |
| No file uploaded. | | |

3.2 – Resource Mobilization for Research

3.2.1 – 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 |
|--------------------------------------|----------|----------------------------|------------------------|---------------------------------|
| Projects sponsored by the University | 730 | SSAHE | 1000000 | 0.1 |
| Projects | 730 | SSAHE | 129500 | 0.1 |

| | | | | |
|--------------------------------------|-----|----------------------------|---------|---------|
| sponsored by the University | | | | |
| Projects sponsored by the University | 730 | SSAHE | 0.3 | 0.1 |
| Projects sponsored by the University | 730 | SSAHE | 0.67 | 0.1 |
| Major Projects | 547 | JSS medical Research India | 0.89 | 0.71 |
| Major Projects | 730 | VGST, GoK | 4000000 | 2000000 |
| Projects sponsored by the University | 730 | SSAHE | 125000 | 0.1 |
| Projects sponsored by the University | 730 | SSAHE | 130000 | 0.1 |
| Projects sponsored by the University | 730 | SSAHE | 0.5 | 0.1 |
| Projects sponsored by the University | 730 | SSAHE | 0.3 | 0.1 |

[View File](#)

3.3 – Innovation Ecosystem

3.3.1 – 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 |
|---|-------------------|------------|
| Quality Assurance, Professional Ethics and Social Concern in Engineering Domain | IQAC | 31/10/2019 |
| Engineering Career | IQAC | 09/01/2020 |
| IT Industry 2020: Technology Trends, Challenges and Opportunities | IQAC | 07/03/2020 |
| Idea converted into Product development and Project Management | EEE | 17/08/2019 |
| Industry orientation to staff | EEE | 10/10/2019 |
| Industry Institute Interaction | EEE | 02/11/2019 |
| Switchgear Protection | EEE | 07/02/2020 |
| CADD Drawing Program | EEE | 29/02/2020 |
| Preran - Success Mantra | EEE | 29/02/2020 |

3.3.2 – 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 |
|---|-------------------------|---|---------------|----------|
| Second prize for Poster presentation titled "Psychedelic experience of Pink Floyd may be hidden in Lexical Density of their lyrics" | Dr. Swarna Buddha Nayok | KANCIPS (Annual Conference of the Indian Psychiatric Society-Karnataka Chapter) | 10/10/2019 | Student |
| Presented paper titled "Reasons for not following-up in patients with psychiatric illnesses: A telephonic cross-sectional study" | Dr. Swarna Buddha Nayok | KANCIPS (Annual Conference of the Indian Psychiatric Society-Karnataka Chapter) | 10/10/2019 | Student |
| Certificate of appreciation for Social Activity -- for school screening in Hirehalli. | Dr Rachana | Red-cross society | 18/01/2020 | Research |
| Best Essay prize for essay in RNTCP State level essay competition under faculty category on occasion of World TB day 2020. | Dr Chandana | RNTCP | 18/03/2020 | Research |
| Eminent teacher Award | Dr Gangadhar | 67th ISACON 2019 | 26/11/2019 | Research |
| Adarsha Vidya Saraswati Rashtriya Puraskar National Award of Excellence-2019 | Dr.H.V.Jayaprakash | Glacier Journal Research Foundation Global Management Council, Ahmedabad | 22/12/2019 | Research |

[View File](#)

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsered By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------|----------------------|
| SSIT | Aniworks Innovations Pvt. Ltd. Tumkur | Aniworks Innovations Pvt. Ltd. Tumkur | Aniworks Innovations Pvt. Ltd. Tumkur | Consumer Product Domain | 06/03/2020 |
| SSIT | Nexbee, Bangalore | Nexbee, Bangalore | Nexbee, Bangalore | Product based | 11/07/2019 |

[View File](#)

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Physics | 1 |
| Chemistry | 1 |
| Mathematics | 3 |
| CSE | 2 |
| ECE | 3 |
| Mechanical | 3 |
| Anatomy | 1 |

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

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|----------|--------------------------------|-----------------------|--------------------------------|
| National | Engineering and Basic Sciences | 88 | 0 |
| National | Biochemistry | 1 | 0 |
| National | Pathology | 2 | 0 |
| National | Forensic Medicine | 3 | 0 |
| National | Ophthalmology | 4 | 0 |
| National | Otorhinolaryngology | 8 | 0 |
| National | General Medicine | 6 | 0 |
| National | Paediatrics | 2 | 0 |
| National | Psychiatry | 7 | 0 |
| National | Radiology | 2 | 0 |

[View File](#)

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

| Department | Number of Publication |
|-----------------------------|-----------------------|
| Dept. Of Oral surgery | 2 |
| Obstretrics and Gynaecology | 2 |

| | |
|--|----|
| Orthopaedics | 3 |
| Psychiatry | 3 |
| Ophthalmology | 4 |
| Paediatrics(State Conference) | 4 |
| Microbiology- Text Book of Microbiology for DMLT- VXL publishers | 1 |
| Engineering and Basic Sciences | 18 |
| View File | |

3.4.4 – Patents published/awarded/applied during the year

| Patent Details | Patent status | Patent Number | Date of Award |
|--|---------------|---------------|---------------|
| Piston for creating turbulence in a combustion chamber | Published | 319188 | 18/12/2019 |
| No file uploaded. | | | |

3.4.5 – 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 |
|--|---------------------------------------|---|---------------------|----------------|---|---|
| Does The Enigma Of The 3 States Of Matter(Radiologic,Biochemical And Cytologic Findings) In Thyroid Swelling Matter? | Sonia Mary Thomas, Rajendra Prasad HM | EJPMR | 2019 | 0 | SSMC | Nil |
| Diagnostic Efficacy Of Imprint Cytology And Frozen Section Of Breast Lesions | Dr Chaitra | Indian J Pathol Oncol | 2019 | 0 | SSMC | Nil |
| Study Of Uric Acid Levels In Hypothyroid Patients | Shivakumar | International Journal Of Clinical Biochemistry Research | 2020 | 0 | SSMC | Nil |
| Study Of | Bhargavi | Scholars | 2020 | 0 | SSMC | Nil |

| | | | | | | |
|--|-----------------|---|------|---|------|------|
| Serum Calcium, Magnesium And Phosphorous Levels In Hypothyroidism | SK | International Journal Of Biochemistry | | | | |
| Risk Of Insulin Resistance In Normal Glucose Tolerant Subjects | Bhargavi SK | Research Journal Of Medical And Allied Health Sciences | 2019 | 0 | SSMC | Nill |
| Service Differentiated QOS Guaranteed Cross Layer Solution For Underwater Acoustics Sensor Networks (SD- QCLS) | Dr. M.Siddappa | International Journal Of Recent Technology And Engineering - IJRTE | 2019 | 0 | SSIT | Nill |
| Hybrid Cross Layerfault Resilient Energy Efficient Data Transmission For Underwater Acoustics Sensor Networks | Dr. M.Siddappa | International Journal Of Innovative Technology And Exploring Engineering - IJITEE | 2019 | 0 | SSIT | Nill |
| Hybrid Cross Layer Mechanism For High Reliability In | Dr. M. Siddappa | Proc. In First IEEE International | 2019 | 0 | SSIT | Nill |
| Optical Transition Probabilities Of White Light Emitting Sr ₂ SiO ₄ :Dy ³⁺ | C. Manjunath | Journal Of Luminescence. | 2019 | 5 | SSIT | Nill |

| | | | | | | |
|---|--------------|-----------|------|---|------|------|
| Nanophosphors For Lighting Application s Using Judd?Ofelt Analysis. https://doi.org/10.1016/J.Jlumin.2019.03.054 | | | | | | |
| Thermoluminescence Glow Curve Analysis Of Gamma Irradiated Sr2SiO4:Dy3 Nanophosphor https://doi.org/10.1016/J.Physb.2020.412113 | C. Manjunath | Physica B | 2020 | 0 | SSIT | Nill |

[View File](#)

3.4.6 – 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 |
|--|-----------------|--|---------------------|---------|---|---|
| Classification Of Glaucoma Using Simplified-Multiclass Support Vector Machine | S Renuka latha | World Scientific | 2019 | Nill | 3 | SSIT |
| Binomial Tree Based Key Establishment Schemes For Heterogeneous Wireless Sensor Networks | Annapurna, H.S. | International Journal Of Engineering Technology Innovation | 2019 | 1 | Nill | SSIT |
| Service Differentiated QoS Guaranteed | Dr. M. Siddappa | International Journal Of Recent | 2019 | Nill | Nill | SSIT |

| | | | | | | | |
|--|--|-----------------|---|------|------|------|------|
| | Cross Layer Solution For Underwater Acoustics Sensor Networks (SD-QCLS) | | Technology And Engineering-IJRTE | | | | |
| | Hybrid Cross Layerfault Resilient Energy Efficient Data Trans mission For Underwater Acoustics Sensor Networks | Dr. M. Siddappa | Internat ional Journal Of Innovative Technology And Exploring Engineerin g - IJITEE | 2019 | Nill | Nill | SSIT |
| | Multi Path Routing In Load Balanced Energy Enhanced B ee-Adhoc-C Manets | Dr. M. Siddappa | Lecture Notes On Data Engin eering And Communicat i ons Tech nologies | 2019 | Nill | Nill | SSIT |
| | Identifi cation Of Plant Leaf Disease Using Machine Learning Techniques | Dr. M. Siddappa | Internat ional Journal Of Recent Technology And Engine ering | 2019 | Nill | Nill | SSIT |
| | Automatic Recognitio n Of Cognitive States Using Multimodal Approaches In E-Learning E nvironment s | Dr. M. Siddappa | Internat ional Journal Of Applied En gineering Research | 2019 | Nill | 1 | SSIT |
| | Thermolu minescence Glow Curve Analysis | C. Manjunath | Physica B | 2019 | 6 | Nill | SSIT |

| | | | | | | |
|--|---------------|---------------------------|-------|-------|------|------|
| Of Gamma Irradiated Sr ₂ SiO ₄ :Dy ³⁺ Nanophosphor https://doi.org/10.1016/j.physb.2020.412113 | | | | | | |
| Synthesis And Photoluminescence Properties Of Sm ³⁺ Doped LaOCl Phosphor With Reddish Orange Emission And It's Judd-Ofelt Analysis. https://iopscience.iop.org/article/10.1088/2053-1591/ab57a6/meta | C. Manjunath | Material Research Express | 2020 | 6 | Nill | SSIT |
| Optical Transition Probabilities Of White Light Emitting Sr ₂ SiO ₄ :Dy ³⁺ Nanophosphors For Lighting Applications Using Judd-Ofelt Analysis. https://doi.org/10.1016/j.jlumin.2019.03.054 | C. Manjunath | Journal Of Luminescence | 2019 | 5 | 3 | SSIT |
| View File | | | | | | |
| 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year | | | | | | |
| Number of Faculty | International | National | State | Local | | |

| | | | | |
|-----------------------------|-----|-----|-----|-----|
| Attended/Seminars/Workshops | 16 | 175 | 149 | 108 |
| Presented papers | 20 | 8 | 8 | 1 |
| Resource persons | Nil | 14 | 16 | 24 |
| No file uploaded. | | | | |

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

| Name of the Consultant(s) department | Name of consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|--|---|--|--------------------------------------|
| Civil Engineering Department | Third Party Inspection Charges | Government of Karnataka (GoK) | 1320000 |
| Genetic lab services Department of anatomy and Cytogenetics | Genetic lab services 2019 | Referral Hospitals- District Hospital Tumkur PHC Gubbi Janani Hospital , Tumkur Gowtham Hospital Tumkur Gurusparsha Clinic and maternity Home Sukrutha Clinic , Tumkur THS Hospital tumkur | 88385 |
| SSMC - Medical College Hospital | Yashaswini Yogana | Government Agency (GoK) | 349776 |
| Comprehensive Eye care services Department of Ophthalmology | Comprehensive Eye care programme Under District Blindness Control Programme | District Health Officer under DBCS Programme at Mallasandra, Bellavi , Kora and Hebbur PHC | 340000 |
| Department of Obstetrics Gynaecology And Department of Pathology | NPCDS Programme with District Health and Family Welfare | District Health Officer under NPCDS programme with Chikkanayakanahalli and Korategere , Kunnigal PHC | 320000 |
| Ethical Committee | Ethical Review services | DNB students District Hospital Tumkur Sri Siddhartha Dental College Clinisyd Global Solutions , Clinical Trial | 35976 |
| Medical Education Unit , Sri Siddhartha Medical College | Research Methodology Programme And Dissertation Evaluation | DNB students District Hospital Tumkur | 50000 |

| | | | |
|--|---------------------------|--|-------|
| Genetic lab services Department of anatomy and Cytogenetics | Genetic lab services 2020 | Referral Hospitals- District Hospital Tumkur PHC Gubbi Janani Hospital , Tumkur Gowtham Hospital Tumkur Gurusparsha Clinic and maternity Home Sukrutha Clinic , Tumkur THS Hospital tumkur | 66500 |
| Kaya Kalp Asessement of CHC by Community Medicine department | Survelliance of the CHC | District Health officer | 86935 |
| Dept. Of Prosthodontics | Dhantabhagya Yojana | Health and family welfare, Govt. Of Karnataka | 78750 |
| View File | | | |

3.5.2 – Revenue generated from Corporate Training by the institution during the year

| Name of the Consultan(s) department | Title of the programme | Agency seeking / training | Revenue generated (amount in rupees) | Number of trainees |
|-------------------------------------|------------------------|---------------------------|--------------------------------------|--------------------|
| 0 | 0 | 0 | 0 | 0 |
| No file uploaded. | | | | |

3.6 – Extension Activities

3.6.1 – 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 |
|--|--|--|--|
| Observance Of Martyrs' Day | NCC | 1 | 4 |
| Army Attachment Camp(ATC-19) Held At EME Center (Secunderabad),AP. | NCC | Nill | 5 |
| Hospital Attachment Training Camp At Bangalore | NCC | Nill | 2 |
| Combined Annual Training Camp,At NCC Bn,S.S.Circle,T umkur. | NCC | 1 | 15 |
| Combined Annual Training Camp(CATC) Held At Bangalore | NCC | Nill | 2 |
| Basic Leadership Camp At Hubballi | NCC | Nill | 1 |

| | | | |
|---|-----|------|----|
| Combined Annual Training Camp At Tumkur | NCC | 1 | 15 |
| Basic Leadership Camp At Mysore | NCC | Nill | 1 |
| Army Attachment Camp(ATC-19) Held At Secunderabad,AP. | NCC | Nill | 5 |
| Ebsb-2019,Toranag allu,Bellary. | NCC | Nill | 1 |
| View File | | | |

3.6.2 – 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 |
|---|-----------------------------|--|------------------------------|
| Pradhanmanthri Swasthya Suraksha Yojana | Certificate of Appreciation | Directorate of Health family welfare services With KSOGA | 2 |
| Ophthalmic Screening programme in Hiriya, At a underprivileged school | Certificate of Appreciation | Red cross society , Hiriya | 1 |
| Collage -QUEST-4 | Second prize-certificate | International Dental Educationalists Association in Coorg Institute of Dental Sciences, Virajpet | 4 |
| Quiz competition-QUEST 4 | Third prize-certificate | International Dental Educationalists Association in Coorg Institute of Dental Sciences, Virajpet | 2 |
| Teeth Arrangement competition-Prosthodontic day | Second prize-certificate | Rajrajeswari dental college, Bangalore on 20th of Jan 2020 | 1 |
| Dental Art competition-Prosthodontic day | Second prize-certificate | Rajrajeswari dental college, Bangalore on 20th of Jan 2020 | 2 |
| View File | | | |

3.6.3 – 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 | Name of the activity | Number of teachers participated in such | Number of students participated in such |
|--------------------|--------------------------------------|----------------------|---|---|
|--------------------|--------------------------------------|----------------------|---|---|

| | agency | | activities | activities |
|---------------------------|--|--|------------|------------|
| NSS | NSS-SSIT | Observance Of Mask Day | 270 | 2000 |
| NSS | NSS-SSIT | Celebration Of National Youth Day | 10 | 120 |
| NSS | NSS-SSITand Karnataka Renewable Energy Development Limited celebration | National Energy Conservation Day 2019 | 45 | 266 |
| NSS | NSS-SSIT | Celebration Of Indian Constitution Day | 143 | 2267 |
| NSS | NSS-SSIT and Honda Motorcycle and Scooter India Pvt. Ltd.(HMSI) | Road Safety Awareness Program | 15 | 370 |
| NSS | NSS-SSIT | National Unity Day Celebrations | 150 | 2355 |
| NSS | NSS-SSIT | Fit India Movement -Trekking To Swadenahalli Hill | 5 | 87 |
| NSS | NSS-SSIT | Swachha Bharat Abhiyan At Sri Adishakt himaaramma Temple, Hethenahalli, (Tumkurtaluk) | 5 | 83 |
| NSS | NSS-SSIT | Green Day Celebration (Planting Of Tree Saplings By First Year NSS Volunteers Of SSIT) | 55 | 500 |
| NSS | NSS-SSIT | Observance of Swachhtapakhwada | 7 | 89 |
| View File | | | | |

3.7 – Collaborations

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

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
|--------------------|-------------|-----------------------------|----------|

| | | | |
|---|---|---|-----|
| Kayakalpa Assesment Of District Hospital And CHC | Dr.Chandana Krishna | District Hospital | 10 |
| Resource Person For Research Methodology For DNB Students In Dristrict Hospital | Dr.Venkatesh .P Dr.Swetha.R Dr.Rajesh.S.S | District Hospital | 2 |
| Danta Bhagya Yojana | "Above 60yrs Patients With BPL Cards" | Health And Family Welfare, Govt. Of Karnataka | 365 |
| ITOP Program- Student Training Programme | Third And Final Year Students | Curaden | 365 |
| View File | | | |

3.7.2 – 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 |
|-------------------|--|---|---------------|-------------|--|
| Industry Project | Capacity Study and Layout Design of Sewing Section in Textile Industry | Texport Industries Private Limited, Nelamangala, Bangalore District | 06/01/2020 | 28/04/2020 | Sindu.A.S NameeraTaj Pavan R Gurjar Sanjan.R |
| Industry Project | Quality management in the dairy Industry | KMF Limited, Mallasandra, Tumkur | 03/01/2020 | 25/04/2020 | Pallvi.H.S Vishalakshi. M Dileepkumar.T.E |
| Industry Project | Hybrid Inventory Control Systems | Eicher Service Center, Gubbi Gate, Tumkur | 02/01/2020 | 28/04/2020 | Hemnathkumar.S.K SyedM .Ahamhed Vishwal.I.T |
| Industry Project | Blood bank management system, Pharmacy management system | Whiteapron Health station PVT Ltd. Bangalore | 07/02/2020 | 08/07/2020 | Naveen Bharadwaj H M |
| Industry Project | Electricity generating tile using Piezo | BSNL DTTC, Bangalore | 01/02/2020 | 30/06/2020 | Chethan HR |

| | | | | | |
|---------------------------|--|--|------------|------------|---|
| | electric effect | | | | |
| Industry Project | Automatic monitoring of irrigation system using multiple senses | BDGtronix, Bommanahalli, Bangalore | 01/02/2020 | 30/06/2020 | SanjeeSumanth KR |
| Industry Project | A smart bus tracking system based on Location aware services and QR code | Technologies global private Ltd., Bangalore | 01/02/2020 | 30/06/2020 | Smitha Ramesh, Srilakshmi M |
| Industry Project | Electric booth using Image processing and Embedded system | BHEL, Bangalore | 01/02/2020 | 30/06/2020 | Rekha S SowmyaGoudar |
| Industry Project | Design and Optimization of ROVER'S Rocker - bogie Mechanism for Surveillance | BHEL, Bangalore | 01/02/2020 | 30/06/2020 | Suguna D Vidya R LiduyAmruth |
| Industry Project | "Implementation of health review monitoring system " | White apron Health Station (P) LTD BANAGLOR E-560011 | 07/02/2020 | 08/07/2020 | "Shalini B.S. Divya.B.D. Shalini .C.P. Ramyabhat.M" |
| View File | | | | | |

3.7.3 – 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 |
|---|--------------------|--------------------|---|
| Reverse Engineering Bengaluru and Department of Telecommunication Engg. | 13/09/2019 | Orientation | 55 |
| STARTUP BASKET Bengaluru and Department of Telecommunication Engg. | 25/09/2019 | Orientation | 98 |

| | | | |
|---|------------|---------------------------------------|----|
| Acculi Labs Pvt. Ltd. Bengaluru and Department of Telecommunication Engg. | 25/09/2019 | Orientation | 43 |
| Atal Incubation Center, Jyothy Institute of Technology | 08/12/2019 | Orientation | 43 |
| Parken Solution Pvt.Ltd | 02/12/2019 | Internship to the final year students | 12 |
| WhiteApron Health Station Pvt. Ltd. | 01/10/2019 | Year wise Internship program | 4 |
| Aniworks Innovations Pvt. Ltd. Tumkur. | 06/03/2020 | Internship | 6 |
| View File | | | |

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 |
|--|--|
| 2949.37 | 2754.77 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Classrooms with Wi-Fi OR LAN | Existing |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |
| Others | 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 |
| View File | |

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 |
|---------------------------|--|------------|--------------------|
| NewGenLib | Fully | Commercial | 1998 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|---------------------------|----------|---------|-------------|---------|--------|---------|
| Text Books | 88733 | 6032574 | 2519 | 1538117 | 91252 | 7570691 |
| Reference Books | 6603 | 2038370 | 18 | 9000 | 6621 | 2047370 |
| e-Books | 126101 | 3135000 | Nill | Nill | 126101 | 3135000 |
| Journals | 216 | 702339 | 78 | 97625 | 294 | 799964 |
| Digital Database | 3 | 409820 | 3 | 1163950 | 6 | 1573770 |
| CD & Video | 46 | 49725 | 14 | 15321 | 60 | 65046 |
| View File | | | | | | |

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 |
|---------------------|---|---------------------------------------|-----------------------------|
| Shivaraju G D | Sign Conventions and Variation of shear force and Bending Moment- Strength of Materials | You tube | 19/05/2020 |
| Shivaraju G D | Analysis of Simply Supported Beams subjected to the Point Loads Strength of Materials | You tube | 18/05/2020 |
| Shivaraju G D | Analysis of Simply Supported Beam Subjected to Point Load Strength of Materials | You tube | 16/05/2020 |
| Shivaraju G D | Types of Loads, Supports and Introduction to Beams Module-3 Strength of Materials | You tube | 15/05/2020 |
| Shivaraju G D | Analysis of Simply Supported Beam Subjected to Point Loads P-1 Strength of | You tube | 14/05/2020 |

| | | | |
|---------------------------|--|-------------------|------------|
| | Materials | | |
| Pushpa R | paging in operating systems | Google class room | 28/04/2020 |
| Pushpa R | SLR parsing in SSCD | Google class room | 23/04/2020 |
| Dr.B.H.Manjunath Kumar | Solving All pairs Shortest path problem using Floyd's Algorithm | Google class room | 01/04/2020 |
| Dr.B.H.Manjunath Kumar | Solving Knapsack problem using Dynamic Programming | Google class room | 07/04/2020 |
| Dr.B.H.Manjunath Kumar | Solving Single source Shortest path problem using Dijkstra's Algorithm | Google class room | 11/04/2020 |
| View File | | | |

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Co mputers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departme nts | Available Bandwid th (MBPS/ GBPS) | Others |
|--------------|---------------------|-----------------|----------|---------------------|---------------------|--------|-----------------|--|--------|
| Existin g | 950 | 20 | 520 | 1 | 1 | 2 | 13 | 157 | 0 |
| Added | 100 | 0 | 0 | 0 | 1 | 0 | 0 | 93 | 0 |
| Total | 1050 | 20 | 520 | 1 | 2 | 2 | 13 | 250 | 0 |

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

| |
|----------------|
| 250 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 |
|---|--|
| The Institute campus has Media center with modern television studio which enables the students and faculty to develop useful teaching and learning resources. | www.siddharthamedia.edu.in |

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 facilities |
|---|--|---|---|
| 137.71 | 125.19 | 3584.75 | 2741.93 |

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

•There is an exclusive Estate Office headed by an Estate Officer of the SSAHE, of the rank of a Professor cadre. The maintenance works are monitored based on the requirement of the departments which will come routed through the principal and maintenance register has been kept and maintained for having attending the maintenance works. •The maintenance labor force is monitored regularly through the Register kept at the Estate office and maintained. •10 of the building cost is kept for maintenance of the buildings including Painting, water supply, sanitary repair works, electrification works like changing of unserviceable tube lights, street lights, geysers etc., •The mechanics will look after the equipment's provided to each department and maintained. The mechanic is in regular contact with the company of purchase and the company's designated mechanics will also assist to overcome the problems. •The estate manager will look after the whole campus and instructions issued regularly, maintenance of lawns, trees, watering of the plants and nursery regularly for effective maintenance. •This office takes care of all the repair and maintenance of physical and academic support facilities, through the various sub teams as listed below: ? Generator Maintenance: The generator is periodically fuelled and maintained with a log book. Servicing is done through authorized service centers as and when found necessary. ? Electrical Maintenance: Institute has a huge requirement of electricity for hostels, canteen, laboratories etc., and the institute is having 2 HT stations to cater the above needs. An in house maintenance team looks after the maintenance of electrical services. ? Air conditioning Maintenance The institute possess air conditioned system for computer laboratories, seminar halls and administrative wings. Periodical maintenance is done through annual maintenance contracts (AMC) ? Vehicle maintenance: vehicles are maintained periodically and log book is maintained for each vehicle. A well- qualified mechanical /automobile engineer (faculty of Mechanical) is looking after vehicle maintenance under estate office. ? Garden maintenance: Institute is having a very rich lush green garden maintained by in-house team. The garden is maintained by a qualified horticultural assistant under estate office. ? Laboratory Maintenance: The laboratory maintenance is done by respective departments under the guidance of HOD, supervision is done by in charge faculty and staff. Laboratory Facilities are utilized as per curriculum, requirements and for RD and consultancy activities. ? Sports facilities: Institute is having both indoor and outdoor games facilities and Gym, these facilities are maintained by Physical Education Director. The above facilities are utilized by both students and staff. ? Computer and internet facilities: The computer maintenance and internet maintenance is done by an in-house team (Qualified system Analyst) and all the computing facilities are covered under AMC. ? Classrooms and Seminar Halls: The classrooms and seminar halls are maintained by in-house housekeeping system. ? Basic Amenities Maintenance: The basic amenities such as RO water for drinking, maintenance of washrooms, security personnel, canteen and cafeteria, cooperative society, laundry, guest house, etc are maintained by the Estate Office on regular basis.

<https://sahe.in/assets/naac/criteria4/4.5.2%20Links%20for%20log%20book%20or%20other%20records%20regarding%20maintenance%20works.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 | Dr. H M G Fee Waiver Scheme for Meritorious | 25 | 180000 |

| | | | |
|---|--|-------------|-----------------|
| | Students | | |
| Financial Support from Other Sources | | | |
| a) National | BCM/TSW / Prime Minister special scholarship / Jindal Trust | 1787 | 46560095 |
| b) International | 0 | Nil | 0 |
| View File | | | |

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 implementation | Number of students enrolled | Agencies involved |
|---|------------------------|-----------------------------|---|
| Yoga stress management workshop | 21/01/2020 | 180 | SSMC |
| Workshop on communication skills for 1st MBBS students | 12/07/2019 | 139 | SSMC |
| Workshop on Advanced cardiac life support | 24/02/2020 | 139 | M/s Apollo hospital, Bangalore |
| Orientation for postgraduates | 25/07/2019 | 139 | SSMC |
| Orientation for interns | 04/03/2020 | 139 | SSMC |
| Career guidance for interns | 14/02/2020 | 139 | Institute and Dept of health FW, Govt of Karnataka |
| Foundation course for freshers | 01/08/2019 | 150 | SSMC |
| View File | | | |

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 passed in the comp. exam | Number of students placed |
|--------------------------|------------------------|--|--|--|---------------------------|
| 2019 | Dr. HMG | 120 | 502 | 1 | 1 |
| 2019 | Career Guidance | Nil | 75 | 10 | 75 |
| 2019 | MCQ classes | 25 | 20 | 2 | 18 |
| No file uploaded. | | | | | |

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 | 5 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| TCS ELEATION XCD People's Speridian Thought Focus Gliders. ai NTT Data SCII Creators Technology Zenopsys Jaro Education Accord KNOWX Innovation VIT Infotech Gokaldas Exports Multiplier AI Amazon Kodnest | 1133 | 117 | - | Nil | Nil |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|-------------------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2019 | 1 | UG | BE | IELET | Mtech/MS |
| 2019 | 10 | UG | MBBS | PLAB | MD/MS |
| 2020 | 49 | UG | MBBS | NEET | MD/MS |
| No file uploaded. | | | | | |

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 |
|-------------------|---|
| GRE | 1 |
| TOFEL | 1 |
| Any Other | 81 |
| No file uploaded. | |

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

| Activity | Level | Number of Participants |
|-----------------------------------|------------|------------------------|
| Men's Day | University | 500 |
| Teachers Day | University | 400 |
| Annual Sports Meet | University | 600 |
| Cultural Co-Curricular Activities | University | 300 |
| Onam | University | 60 |
| Enthuzia | University | 200 |
| Inter College Shuttle Badminton | University | 40 |
| Inter University Sports | University | 200 |
| Inter University Chess Tournament | University | 30 |
| Sports | State | 3000 |
| View File | | |

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 |
|---------------------------|----------------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019 | CDT Rank | National | 1 | Nill | 17CS044 | Jaganna Somanna |
| 2019 | CDT Rank | National | 1 | Nill | 17ME055 | Vinayak Hirenatt |
| 2019 | CDT Rank | National | 1 | Nill | 16CV045 | Prabhu S Sathnuru |
| 2019 | CDT Rank | National | 1 | Nill | 17IM018 | Vinay C |
| 2019 | CDT Rank | National | 1 | Nill | 18CV082 | Sharanya Revathi |
| 2019 | CDT Rank | National | 1 | Nill | 17EC086 | S A Adarsha |
| 2019 | "Civil/S tructural Engineerin g" | National | 1 | Nill | 16CV070 | Sindhu D M |
| 2019 | "Civil/S tructural Engineerin g" | National | 1 | Nill | 16CV076 | Thanushree N |
| View File | | | | | | |

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

Student Council representatives actively participate in various activities.

They help in coordinating all the events related to academics and other co-curricular Extra-curricular activities, as per the directives of the Principal and Dean (Student Affairs). They do lot of academic administrative work by taking the help of other students. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. Students' Council and its Members: Sl. No. Designation Committee ----- 1 Principal Chairman 2 Dean (Student Affairs) Coordinator 3 Cultural Committee Member 4 Sports Committee Member 5 Campus Maintenance Member 6 Hostel Maintenance Member 7 Campus Disciplinary Committee Member Contribution of the Student Council in Academic Administration. -----

----- ? Coordination in day to day academic activities at their level ? Coordination in communicating the information between students and Teaching faculty ? Coordination in organizing Cultural events ? Coordination in organizing Sports Games for the students ? Coordination in arranging Industrial Visits for the students ? Coordination in inviting the external guest speakers and organizing the Seminars Workshops.

SSIT provides necessary support to the council members in organizing coordinating the events. It encourages the students to develop their leadership skills through these activities. Student members in this council can become real heroes and competent managers in future by learning all these skills.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

SSAHE ----- The Alumni Association/Chapters SSMC and SSDC ----- Institute has registered alumni association. It has been functioning and meeting regularly. Members of the alumni are also part of teaching staff of the academy. Regular feedback will be provided by the aluminous in terms of administration, student welfare and faculty recreational activities, along with guidance for the recent passed out students in terms of practice management. Our Aims and Objectives: • To establish have contact with all old students of the college and meet periodically. • Help the Association and keep the identity of the institute. • Old students have excelled into various fields of Medicine in India and abroad, the Association would be the best and most suited arena to bring them together to exchange nostalgic feelings, ideas, and thoughts, improve scientific knowledge and approach to medical problems faced in day to day practices of Medicine to encourage each other professionally. • Help in conducting participating in various scientific meetings, conferences of National and International standards. • Promoting Alumni association members whoever visiting and wishes to give guest lectures, arrangements can be made by the Association. • Future objective is to encourage Public Education Programme in various discipline of Medicine which can be arranged as feasible, also health check-up programmes in rural slum areas etc. in order to create awareness helping the community at large. • The association aims to stand by the vision mission of our college- "To reach the unreachable". SSIT Alumni Association (SETHU BANDHA) was formed in 2000. ----- The SSIT Alumni meet will be organized on 2nd Sunday of December every year. On this occasion college news letter will be sent through their mail. Alumni will share their experiences and their present occupation. Seethu Bandha is the annual meet arranged at the parent at the Parent Institution Tumkur, mainly to provide the nice platform for our proud alumni to exchange their pleasantries, meet their beloved teachers and young enthusiastic students. The Alumni would be addressing the students and researchers by giving valuable advised to successfully pursue their carrier amidst all the new combination and the technological challenges faced by them. It is our pleasure to felicitate our

Proud alumni who have excelled in their carriers by this association. The meet will start with a Breakfast followed by the program. Simultaneously, their Spouse and wards will be engaged in various entertainment activities like, Mehendi, Rangolli, Musical chair and super minute task. Many of the alumni help the Institution in bringing elite companies for campus recruitment each year by acting in cohesion with the Training and Placement Department. During December-2010 function, the alumns have donated Rs 3, 00, 000 for awarding prizes to college toppers. An Oman based civil alumnus Mr. TusharRanjan, has recruited 11 students of Civil Engineering during 2018-19. Six Students were chosen for paid internship during 2019-20 and a start-up company has been setup in the campus by Mr. Pramod S Kumar, an US based alumnus of CSE Department.

5.4.2 – No. of registered Alumni:

900

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

300000

5.4.4 – Meetings/activities organized by Alumni Association :

8

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)

The Sri Siddhartha Academy of Higher Education has committed itself to: Develop the next generation of Leaders. ? Ensure clarity, conviction, compassion and consistency in governance. ? Make every stakeholder more accountable through effective delegation of authorities. ? Exhibit more transparency in the execution of policies and procedures. ? Follow consensus oriented, equitable and inclusive approach. ? Enhance the intellectual honesty among all the levels of leadership. The Sri Siddhartha Academy of Higher Education believes in participative approach at all levels to ensure that the vision and mission of SSAHE are realized through its goals and objectives with clear-delegation of powers as described below. 1. Academic Autonomy – The Boards of Studies, Academic council, Research council and other academic bodies are vested with the powers to design, implement, monitor, evaluate and report on the various academic and research activities of SSAHE, they are composed of teaching staff, external experts in order to effectively function and carry out their responsibilities. 2. Administrative powers – The Board of management and the authorities of SSAHE have clearly defined the Policies, Powers and Processes to be followed in fulfilling mandate and roles and responsibilities. These powers, starting from the Vice-Chancellor to the faculty level have been defined with regard to recruitment, establishment, service conditions, terminal benefits, leave management, promotions, statutory compliances, decision making, grievance redressal, etc. The composition of the bodies and the decisions made by such bodies, individuals and boards are implemented without fail.

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 |
|---------------|---------|
|---------------|---------|

| | |
|--------------------------------------|---|
| Admission of Students | <ul style="list-style-type: none"> • Engineering: Admission to the engineering college is done through the Karnataka Examination Authority an admission wing of Government of Karnataka based on ranks obtained in Common Entrance Test (CET) and option entry. 60 of the seats are filled through Government quota as per the Government norms. Out of remaining 40 Management seats, 2 seats in each department are given to meritorious students as part of social commitment under Dr. HMG Fee Waiver Scheme. • Medical and Dental: Admission of students is through MCC. All India NEET examination for undergraduates and Postgraduates. |
| Industry Interaction / Collaboration | <ul style="list-style-type: none"> • SSIT supports industry interaction and collaboration through central office and at departmental levels. There are more than 30 MoUs with corporate companies and industries and they are part of Board of Studies, Advisory Board, and Assessment Committee. Students are encouraged to do internship / externship, projects, technical visits in these companies / Industries. • SSMC: ICTC is established under NACO. The institution also made genetic lab, IVF centre and Cath lab available for use by researchers from other institutions. Training of health care providers in government and private sector through workshops. Health awareness programs to benefit the society. Providing expertise for implementation of various National Health Programs related to leprosy, STDs/HIV, Tuberculosis, Blindness, Polio etc. • SSDC is empanelled by the DHFW for Dantha Bhaghya Yojana scheme. Curaden india private limited, India has agreed to provide preventive dental education programme(ITOP)to teaching and non teaching staff |
| Human Resource Management | <p>Human resource management plays the role of translating the organizational strategic aim into human resource policies to create efficiency. Training development programme: Are organized to meet the functional and technical needs of the staff which are conducted in three levels. In the first level, it expands quality by conducting various CDE programmes and faculty development programmes to teaching staff. Second level includes skill development</p> |

programme to non teaching staff, clinical staff, technicians and administrative staff are conducted. Third level includes personality development programme, orientation programmes, induction programmes to all teaching and non teaching staff which includes general topics such as organizational behaviour work ethics Etc. Also maintains various welfare measures and good remuneration package to retain the employee. Another quality improvement programme of college is the performance appraisal system, which is designed to know the proficiency of an employee. It is conducted yearly and promotions/increments/rewards/recognition /awards are based upon the rating in the appraisal system.

Library, ICT and Physical Infrastructure / Instrumentation

- The library is having a total seating capacity of around 1500. It is a semi air-conditioned modern Library with a carpet area of about 1945 Sq.mt. Automated with standard library software package-NewGenLib. Books: 137962, Reference Books: 8466, e-books: 3136509, Journals: 15153, Magazines: 402, CDs/DVD/Audio-visual resources:932
- SSMC campus area of 223acres and built-up area of 130134sqm. SSDC campus area of 25.21acres and built-up area of 73286sqm. SSIT campus area 45acres campus and built up area of 45506sqm
- Class Rooms: 64, Seminar Halls: 28, Demonstration Rooms: 36
- Internet / Wi-Fi enabled ICT facilities: Class Rooms-25, Seminar Halls - 11, Demonstration Rooms - 31
- Available bandwidth of internet connection in the Institution: 250 MBPS
- SSAHE has adequate facilities to support physical and recreational requirements of students and staff- sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre etc. and for cultural activities

Research and Development

The research committee scrutinizes and promotes high quality research among the faculty and students. Infrastructure and financial support to conduct interdepartmental research projects by faculty and students are provided. Regular Research methodology workshops are conducted to improve awareness amongst the faculty about research ethics, biostatistics, interdisciplinary and multidisciplinary

approach. Seed money has been allocated for research which is given to the principle investigator. Research and publication based promotion makes research mandatory for all the staff and for all postgraduates, thus inculcating research sensitization in all students. Quality in research is ensured by laying guidelines for publications to be in specific indexed journals

Examination and Evaluation

- Medical and Dental follow annual, engineering follows semester system. Flying squads, CCTV and Mobile Jammers in examinations hall has led to least number of malpractices. Examination section is fully computerized and automated. Ten sets of questions papers set by examiners outside the state, verified and scrutinized. Answer scripts are bar coded. Valuation done and evaluator enters the marks into database component wise. Theory examination are subjected to double valuation i.e. one external and one internal. Third valuation is carried out in case of variation beyond the accepted norms. Four valuations for Post graduates. Three external Examiners are appointed for PhD thesis.
- In Engineering, Continuous Internal Evaluation and Semester End Examination are followed. Re-totalling and re-evaluation are allowed. Examination grievance redressal cell constituted to deal with examination grievances.

Teaching and Learning

SSAHE emphasises on strategies that are student oriented for augmenting the teaching and learning experience (TLE), contributively learning and critical thinking strategies are utilized for upgrading learning encounters. Teachers use ICT-enabled tools, black board, white board for effective teaching and learning process, including online e-resources. Availability of Skill labs, video learning's enhance effective skill transfer to the students. The different learning methodologies adopted in the Institute are carried out on a regular basis for which feedback is structurally gathered.

- Experiential learning
- Integrated/Inter-disciplinary learning
- Participatory learning
- Problem-solving methodologies
- Self-directed learning
- Patient-centric and evidence-

| | |
|------------------------|--|
| | <p>based learning • The Humanities • Project-based learning • Role play</p> |
| Curriculum Development | <p>: SSAHE strives to work with all stakeholders in developing the curriculum that is innovative, need-based, interdisciplinary and in emerging areas. The curriculum aligns with its vision, mission, and values and provides knowledge and skills required to practice the profession effectively. The curriculum is designed and framed as per the directions of CDC (Curriculum Development cell) in accordance with MCI/DCI/AICTE Guidelines. The University has established Boards of Studies comprising of Professors, Alumni and external experts from Academia and Industry to support the University in the curricular design and development. Each program has a well-defined Program Educational Objectives (PEO) which is reflected in the Program Outcomes (PO) and Course Outcomes (CO), which in turn is reflected in the curriculum of the course. Based on the feedback of the stake holders the curriculum is designed to bring out the attributes and competencies in students, besides giving inputs on optimal sequencing, alignment, reinforcement, coordination of content across disciplines and progressive development of students. Features of SSAHE a. Semester system in Engineering Technology and Annual system in Medical and Dental b. Choice based credit system c. Interdisciplinary approach d. Integrated both horizontally and vertically e. Students centric system f. Transparency in evaluation g. Institutionalized linkage with industries h. Linkage with super specialty centers</p> |

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

| E-governance area | Details |
|--------------------------|---|
| Planning and Development | <p>E-governance is the integration of Information and Communication Technology in all the working processes of the system. All Important notices and reports are also circulated via e-mails. The Governing Body Meeting Minutes and Resolutions by Circulation are emailed to members. To facilitate the same Academy is using various software. o Library Modules: NGL Launch</p> |

Pad o Student and Examination: My Gurukul software (SIS) and "e Genius" Campus and Academic Automation Systems

Administration

- The constituent college has Biometric attendance for teaching and non-teaching staff. Staff use smart phone with inbuilt social app like Gmail to communicate, WhatsApp Group helps to provide the brief notices of any event to be happened.
- To achieve the target of Paperless IQAC , committee members of it started using Google facilities like o Google sheet:
 - For data collection from Various Departments.
 - o Google Docs: - To prepare notices and activity reports.
 - o Google Forms: - To prepare Feedback forms and get online feedbacks of Students, Parents.

Finance and Accounts

The accounts of the academy are maintained through the Tally software. Tally ERP 9.0 is used for the transparent 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

- Academy has provided My Gurukul software (Student information system-SIS) and "e Genius" Campus and Academic Automation Systems. It is used for student admission and support management. Various activities like Student registration, student identity card, Information regarding Academic Calendar of events, mentoring system, parents interaction process are catered in the soft ware.
- Class rooms are equipped with ICT, Smart/Virtual classroom, LAN, Wi-fi and internet facilities, Digital Libraries are provided.

Examination

To achieve Paperless communication, Examination section uses My Gurukul Software. Using My Gurukul software, Internal marks are extracted. Also Seat Numbers, Hall-Ticket, Seating Arrangement for University Exams, results, and mark cards are generated.

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 for which financial | Name of the professional body for which membership | Amount of support |
|------|-----------------|---|--|-------------------|
|------|-----------------|---|--|-------------------|

| | | support provided | fee is provided | |
|---------------------------|----------------|--|-----------------|-------|
| 2020 | DR Arjun | Training of curriculum committee at St John's Medical College, Bangalore | SSMC | 20000 |
| 2020 | DR Dananjaya | Training of curriculum committee at St John's Medical College, Bangalore | SSMC | 5000 |
| 2020 | Dr Rashmi MV | Training of curriculum committee at St John's Medical College, Bangalore | SSMC | 5000 |
| 2020 | Sowmya m N | Workshop | SSIT | 600 |
| 2020 | Babitha M N | Workshop | SSIT | 950 |
| 2019 | Sindhu T N | Conference | SSIT | 1600 |
| 2019 | Pushpa R | Conference | SSIT | 1600 |
| 2019 | Pradeep A R | International Conference | SSIT | 7616 |
| 2019 | Sowjanya G V | International Conference | SSIT | 6000 |
| 2019 | Guruprasad T N | Workshop | SSIT | 1500 |
| View File | | | | |

6.3.2 – Number of professional development / administrative training programmes organized by the University 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 | Laprosco pic Surgeries | - | 07/07/2019 | 07/07/2019 | 50 | Nill |
| 2019 | Bone Tumors | - | 07/12/2019 | 07/12/2019 | 60 | Nill |
| 2019 | Phelbotomy Live Workshop | - | 17/08/2019 | 17/08/2019 | 50 | Nill |
| 2019 | World Breast | - | 23/08/2019 | 29/08/2019 | 40 | Nill |

| | Feeding Week | | | | | |
|---------------------------|-------------------------------------|---|------------|------------|----|------|
| 2019 | Eye Donation Fortnight | - | 18/09/2019 | 18/10/2019 | 50 | Nill |
| 2020 | Yoga And Stress Management | - | 21/01/2020 | 21/01/2020 | 50 | Nill |
| 2020 | Diabetic Drugs Update | - | 24/01/2020 | 24/01/2020 | 53 | Nill |
| 2020 | Soft Skills For Doctors | - | 27/01/2020 | 27/01/2020 | 36 | Nill |
| 2020 | Recent Advances In Medical Oncology | - | 11/02/2020 | 11/02/2020 | 50 | Nill |
| 2020 | AIC In TB Workshop On TST | - | 06/03/2020 | 06/03/2020 | 55 | Nill |
| View File | | | | | | |

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 |
|--|---------------------------------|------------|------------|----------|
| OKC with dysplasia - is there any clinical implication - A case discussion | 33 | 24/01/2020 | 24/01/2020 | 1 |
| Baseline data for national tooth brushing day - A report | 36 | 10/01/2020 | 10/01/2020 | 1 |
| Remodeling of costochondral graft into neocondyle in the management of TMJ ankylosis : A case report | 36 | 18/10/2019 | 18/10/2019 | 1 |
| Laser assisted crown lengthening : A case report | 44 | 04/10/2019 | 04/10/2019 | 1 |

| | | | | |
|---|----|------------|------------|---|
| Object localization in edentulous patient using intraoral radiograph in a clinical set up | 25 | 20/09/2019 | 20/09/2020 | 1 |
| Gorlin Goltz syndrome | 30 | 06/09/2020 | 06/09/2020 | 1 |
| Assessment in CBME | 17 | 07/02/2020 | 07/02/2020 | 1 |
| Soft skills for Doctors | 36 | 27/01/2020 | 27/01/2020 | 1 |
| Diabetic drugs update | 55 | 24/01/2020 | 24/01/2020 | 1 |
| Induction programme in teaching technology | 30 | 19/12/2019 | 19/12/2019 | 1 |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 25 | Nil | Nil | 10 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|----------|
| 25 | 3 | 4 |

6.4 – Financial Management and Resource Mobilization

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

- The institution practices a healthy financial management through internal and external audit. Individual departments give their requirement list (Material, equipments, etc) to the purchase department after approval by the Head of the Institution. The same is forwarded by the purchase section to various vendors inviting quotations. These quotations are brought to the notice of the principal with comparative statement made. The principal along with heads of the department decides the best competitive price. The Board of Management is the final decision making body for budgetary approval, through the finance committee. All the purchases are subject to budgetary approval under various heads as per standard procedure. • The Internal Audit is done by the Chartered Accountants of the university and the report of the audited accounts is submitted to the Board of Management for approval. The External Audit is carried out annually by the statutory auditor appointed by sponsoring society. The final audited report is submitted to the Income Tax department as required. It is also uploaded in the website of the Academy.

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/ Grants received in Rs. | Purpose |
|--|-------------------------------|---------|
|--|-------------------------------|---------|

| | | |
|--|---------|--------------|
| District Health administration Tumkur Ayushman Bharath | 6150000 | Patient Care |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

| |
|----------|
| 50000000 |
|----------|

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 | Nill | Yes | IQAC |
| Administrative | Yes | Nill | Yes | IQAC |

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

| |
|------------------------------------|
| No Data Entered/Not Applicable !!! |
|------------------------------------|

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

| |
|--|
| <ul style="list-style-type: none"> • Parent is also one of the IQAC Member • Program Assessment Committee Member • Organizing Parent-Teacher Meeting • Parents attend PTM meetings in the month of January every year to know the progress of their wards. • Acknowledgement letters are posted back to mentors by parents after they receive their wards performance letter via registered post • Participation on health camps offering professional expertise, motivating for eye, blood and body donation, Offering Guest lectures |
|--|

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

| |
|---|
| <ul style="list-style-type: none"> • Support to conduct Technical workshops • Support to participate in workshops conducted by other colleges / Industries • Industrial Visits to update their skills. • Hands on training on usage of Computers • Biomedical Waste management and disposal training • Training for improving communication skills Ethical practices • Training of the Support staff for Covid-19 pandemic • International Yoga Day • World No Tobacco Day-Talk organised for creating awareness on ill effects of tobacco • Communication skills for specially abled (Deaf and Dumb) patients-Practical demonstration by VANI(NGO). |
|---|

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

| |
|---|
| <ul style="list-style-type: none"> • Improved consultancy and RD projects • Increase in quality publications • More collaborations / MoUs with Corporate coma pies and Industries. • NIRF AISHE: Participated • Preparation for NABH accreditation • Preparation for NABL accreditation |
|---|

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality | Date of | Duration From | Duration To | Number of |
|------|-----------------|---------|---------------|-------------|-----------|
|------|-----------------|---------|---------------|-------------|-----------|

| | initiative by IQAC | conducting IQAC | | | participants |
|---------------------------|---|-----------------|------------|------------|--------------|
| 2019 | Academic Audit (Internal) | 03/12/2019 | 03/12/2019 | 04/12/2019 | 10 |
| 2019 | CDE PROGRAMME Clinical excellence XVII Current trends in or tho-prostho | 20/12/2019 | 20/12/2019 | 20/12/2019 | 52 |
| 2020 | CDE PROGRAMME Clinical excellence XIX Research in dental sciences | 11/03/2020 | 11/03/2020 | 11/03/2020 | 49 |
| 2020 | Student feedback on curriculum (online) | 15/05/2020 | 15/05/2020 | 15/06/2020 | 520 |
| View File | | | | | |

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 |
| Breast feeding week | 28/08/2019 | 28/08/2019 | 27 | Nill |
| Law for all - no to stereotypes - yes to equality. | 12/12/2019 | 12/12/2019 | 70 | 30 |
| International Women's day | 13/03/2020 | 13/03/2020 | 98 | Nill |
| Street Play on Gender Equity | 01/03/2020 | 01/03/2020 | 60 | 28 |
| A talk on 'Women Health & Hygiene | 29/11/2019 | 29/11/2019 | 155 | Nill |

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 |
|--|
| 1. Solar Energy 2. Use of LED bulbs/Power efficient equipment 3. Solid waste management 4. Liquid waste management - Sewage Treatment Plant 5. E-waste |

management 6. Waste recycling system Percentage of power requirement of the University met by the renewable energy sources - Solar water heater panel installed at both Girls and Boys hostels. • Solar panels are installed on outpatient block to generate electrical energy. • Solar water heaters are installed in all hostels. Regular bulbs are replaced by LED bulbs in a phased manner.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|--|--------|-------------------------|
| Physical facilities | Yes | 10 |
| Provision for lift | Yes | 10 |
| Ramp/Rails | Yes | 10 |
| Braille Software/facilities | No | Nil |
| Rest Rooms | Yes | 30 |
| Scribes for examination | Yes | 1 |
| Special skill development for differently abled students | No | Nil |
| Any other similar facility | No | Nil |

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 | Nil | 1 | 09/08/2019 | 1 | Swatchata Pakwada | Awareness on Cleanliness hygiene | 85 |
| 2020 | Nil | 1 | 25/01/2020 | 1 | Swatchata Pakwada | Awareness on Cleanliness hygiene | 90 |
| 2019 | Nil | 1 | 24/08/2019 | 1 | Swatch Bharath Abhiyana | Awareness on Cleanliness hygiene | 90 |
| 2019 | Nil | 1 | 21/09/2019 | 1 | Fit-in India movement | Awareness on physical fitness | 88 |

| | | | | | | | |
|---------------------------|-----|-----|------------|-----|-------------------------|-------------------------------|-----|
| 2020 | Nil | 1 | 11/01/2020 | 1 | Fit-in India movement | Awareness on physical fitness | 100 |
| 2020 | Nil | 1 | 18/01/2020 | 1 | Fit-in India movement | Awareness on physical fitness | 95 |
| 2020 | Nil | 1 | 15/02/2020 | 1 | Fit-in India movement | Awareness on physical fitness | 95 |
| 2020 | 1 | Nil | 18/06/2020 | 1 | Mask day | Awareness on mask importance | 150 |
| 2020 | 1 | 1 | 01/07/2019 | 365 | Free transport facility | Transportation | 125 |
| View File | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|-----------------------|---------------------|---|
| SSAHE code of Conduct | 07/11/2019 | The Code of Conduct is displayed on the website. https://sahe.in/assets/naac/criteria7/7.1.1020Code20of20conduct.pdf There is a committee to monitor adherence to the Code of Conduct and the Institution organizes professional ethics programmes for students, teachers, administrators and other staff. Annual awareness programmes on Code of Conduct are organized. • Code of Conduct for Students • Code of Conduct for Faculty • Code of Conduct for Non-Teaching Staff • Code of Conduct for Governing Body • Code of Conduct for Principal |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---------------------------------|---------------|-------------|------------------------|
| Workshop on 'Quality Assurance, | 31/10/2019 | 31/10/2019 | 170 |

| | | | |
|---|------------|------------|-----|
| Professional Ethics Social Concern in Engineering Domain' | | | |
| Workshop on Pedagogical Initiatives' | 11/01/2020 | 11/01/2020 | 50 |
| National Energy conservation day | 16/12/2019 | 16/12/2019 | 120 |
| Green day | 10/08/2019 | 10/08/2019 | 405 |
| Swatch Bharat Abhiyan | 24/08/2019 | 24/08/2019 | 95 |
| Martyrs day | 30/01/2020 | 30/01/2020 | 100 |
| National Unity day | 31/10/2019 | 31/10/2019 | 250 |
| Republic day | 26/01/2020 | 26/01/2020 | 155 |
| Independence day | 15/08/2019 | 15/08/2019 | 150 |
| View File | | | |

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

- Solid waste management • Liquid waste management • E-waste management • Rain water harvesting, Construction of new tanks and bunds • Bore well /Open well recharge • Waste water recycling • Maintenance of water bodies and distribution system in the campus • Restricted entry of automobiles • Encouraging usage of bicycle • Pedestrian-friendly pathways • Ban on the use of Plastics • Landscaping with trees and plants • Green audit • Energy audit • Clean and green campus recognitions / awards • Beyond the campus environmental promotion activities

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 1. Title of the Practice ----- Community Radio Siddhartha 90.8 FM Tumakuru. 2. Objectives of the Practice ----- • To promote Community Radio as a tool for the empowerment, national integration, community health education, peace and harmony, agriculture, development and inclusive growth by disseminating information amongst youth, women, physically challenged and weaker section of the society. • To provide better communities through health education with the use of latest technologies, innovations and research methodologies. • To develop a pool of experts and provide advisory services in the field of education, health etc, for the benefit of different sections of the society. • To campaign and create awareness regarding National Health Programmes like, Pulse Polio Programme, National Oral Health Programme, National Programme for Control of Blindness Visual Impairment, Prevention, Control of Communicable and Non-communicable diseases. • To provide education in various fields, including value and spiritual education, yoga, meditation etc • To educate people and to work for the eradication of moral and social evils of all kinds. • To create awareness relating to the preservation of the Environment/Ecology and Sustainability Development. (SD) 3. The Context ----- • To develop a pool of experts and provide advisory services in the field of education, health etc, for the benefit of different sections of the society. • To Campaign and Create awareness regarding National Health programs, Create awareness relating to the preservation of the Environment/ Ecology and Sustainability Development, • To promote and motivate rural education. 4. The

Practice ----- Radio Siddhartha FM 90.8 MHz is also known as the Voice of Tumkur. It is the first Community Radio station in Tumkur district situated in Karnataka state. Tumkur district consists of 10 Talukas and Tumkur Taluk is one among them and it consists of 374 villages. Radio Siddhartha covers 150 villages. Radio Siddhartha was established in 2009 and is the part of the Community Radio of the constituent college (Sri Siddhartha Institute of Technology) which has been a very effective in reaching out the larger section of the society through broadcasting innovative people oriented programmes on education, health and sanitation, social life, economic opportunities, small business, women empowerment, agriculture etc. Faculty and students of Sri Siddhartha Academy of Higher Education, actively participate in programmes broadcasted by Radio Siddhartha. The programmes conducted are awareness about Covid-19 pandemic among the rural population, prevention, control and educating the public about the mental illnesses. Medical college faculty conducted programmes on blood donation, Tuberculosis prevention and awareness programmes, creating awareness about maternal and child health care among public. Community Radio is broadcasting total 9 hour programme scheduled according to the needs of the community mainly 6 A.M. to 9 A.M., 12 noon to 3 P.M. and 6 P.M. to 9 P.M. daily, Broadcasted in both Kannada and English. 5. Evidence of Success

----- Radio is a very important tool for the promotional and educational components of national programmes, rural education.

In India, radio reaches a large audience, and those shows which are well-targeted, researched, pre-tested, and adequately placed in the broadcast schedule become attractive, competitive and cost-effective ways to communicate new and time-tested advice. The list of programmes broadcasted like on Covid 19 pandemic, Tuberculosis, HIV and AIDS, quit tobacco usage, alcohol de-addiction, blood donation, Nammaarogya, H1N1, Mother Child Nutrition, School Health

Programme, Prevention and Control of Communicable and Non-communicable diseases, Safe Water drinking etc. The Radio has been getting overwhelming appreciative responses from its honourable listeners through letters and phone calls and mobile messages. Motivated by the talks, people volunteered and participated in the blood donation camps. During Covid-19 pandemic stress related mental health issues were addressed and counseled. According to the staff of Radio Siddhartha, listeners are so much inspired by the programmes that they have been coming out with requests for more programmes related to issues like promotion of health education, agricultural, rural education, environmental issues etc. 6. Problems Encountered and Resources Required

----- The biggest challenge today for community radio in India is mobilization of material and human resources for effectively installing, running and maintaining the studio, station and for delivering valuable, useful and necessary programmes. The Government has come forward to allow limited commercial advertisements which probably may help to some extent. The status of press media should be accorded to community radios for effective participation in welfare activities. 7. Any other information -----

This kind of research explains radio listening culture is still alive and how the Community Radio is needed for the integrated development of society. Central and State governments have to give more advertisement and sponsored programmes and thereby financial support in order to strengthen the Community Radio stations. Best Practice 2 1. Title of the Practice: ----- Electric Energy Conservation

Measures adopted at the Academy 2. Objectives of the Practice:

----- It is to create awareness among the public about the importance of saving and conserving electrical energy. It is said that "an unit of electrical energy saved is an unit generated". In this context, efforts are made to make the consumers understand the importance of energy conservation, be aware of the efficient usage of energy and adopt measures and policies elicited for energy conservation. 3. The Context

----- Energy Conservation is a term that refers to consumption of

the least amount of energy while avoiding unnecessary use of energy. It reduces the stress on energy services to be provided by the utilities and can result in increased environmental quality, national security, personal financial security and improved economics. It is at the top of the sustainable energy hierarchy.

It aims to save energy for future use.

https://en.wikipedia.org/wiki/Energy_conservation 4. The Practice

----- To emphasize the above aspects, the University has the practice of celebrating the National Energy Conservation Day each year to bring awareness among the students and all concerned, about energy conservation. The awareness among the consumers of electric power in the campus is ensured through proper informative sign boards affixed near all the strategic points of electric power supply units. Invited lectures, workshops, seminars, group discussions, etc. are held periodically at the university and the constituent colleges to bring in the required awareness among the consumers of electric power about the energy conservation opportunities and measures to be adopted. Everyone is motivated to voluntarily adopt energy conservation measures based on the energy conservation opportunities at their disposal such as, reduced use of AC or heater that consume a larger amount of energy every day, increased usage of LED bulbs or smart lighting options, avoiding use of water heating equipment (resistive loads) that consume higher units of energy, fitting the properly rated power factor improvement devices (reactive power compensators) at the captive generation units set up in the campus, etc. It is advised that using less hot water can save a lot of energy. Water conservation also leads to better energy conservation. Academy has established solar energy panels in the campus to generate solar energy. Academy hostels have solar energy water heater panels for hot water usage. 5. Evidence of Success

----- Celebration of National Energy Conservation Day was held every year on 16/12. This day emphasizes every person to adopt energy conservation measures while using electric power in their day to day activities. Anyone can save energy by taking small steps at home or office by eliminating unnecessary use of light, fan, AC or any other energy consuming equipment. Volunteers from NCC NSS, Police Officials, Staff and Students, Public, Press and Media were present during the function. A rally on imparting awareness was organized from campus to Town Hall Circle with around 350 to 400 members of faculty and students having taken active participation in the rally, with slogans, posters, handouts and banners. This helped educating the public in saving and conserving electric energy. A very large, 9 acre plot wide, solar panel assembly (generating 4.6 MW of solar power) is being put up at the Medical college campus of the Academy which would cater to the entire power supply requirement of the constituent colleges with an estimated cost of Rs.5 Crores. 6. Problems Encountered and Resources Required

----- The engineering college has been one among 10 engineering institutions in Karnataka in getting identified for the financial support of Rs. 50,000.00 (Rs. Fifty thousand) from Karnataka Renewable Energy Development Limited (KREDL), A Govt. of Karnataka undertaking, Ministry of Energy (ref. KREDL/EEEC/09/F-118/2019/5792, dated 10th December 2019). Additional assistance required for this venture has been supported by the college administration.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://sahe.in/assets/naac/criteria7/7.2.1%20Best%20practices.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

Community empowerment in Health care, Technology and Education -----

Sri Siddhartha Education Society (Estb:1958) inspired by the teachings of Santh. Vinobha Bhave, with emphasis on providing Health care, Technology, Education and Community engagement, for the unreached sections of society in rural Karnataka established SSAHE in the year 2008 with the vision and mission of "Entrancing education to Reach the Unreached" HEALTH CARE:

----- 1. Community health: Through our teaching hospital and network of Urban and rural health care centres we provide preventive medicine as well as treatment to the affected rural population. Our interventions have made recognizable impact in reducing maternal and infant mortality rates. Free health check-up camps are organized in nearby villages, in various fields such as eye, skin, Mental illness, nutritional, occupational hazards, drug abuse, hygiene, sanitation, cancer awareness, Maternal and child health. Free dentures are provided to needy patients through "Danta bhagya yojana" program. 2. Response to Covid Crisis: Two hospitals with dedicated Covid care center and hospital with 250 beds, including ICU as well as NABL accredited BSL II laboratory has been established on war footing. In addition, public education on prevention, diagnosis and management of COVID have been aired through radio Siddhartha, Doordarshan and social media. TECHNOLOGY: ----- 1. Telemedicine: Patients from rural health care centres, PHC's are provided specialty and super specialty consultation services and diagnostic services through Tele-Radiology. 2. Radio Siddhartha FM 90.8 MHz: Also known as the Voice of Tumkur has been effective in reaching out the larger section of the society through broadcasting innovative people oriented programs on education, agriculture, health and sanitation, social life, economic opportunities, small business, women empowerment, handicrafts EDUCATION: ----- a) Rural Education: 1. Participatory Leadership In Education And Social Empowerment (PLEASE): 2. Technology Barrier Reduction Program: Three weeks residential camps are conducted every year for rural children (17 boys and 17 girls) in engineering college premises facilitating concept learning in engineering fields. 3. Digitalization of libraries in rural areas: SSAHE has taken an initiative to adopt the Taluka libraries and convert them into E-libraries so that students and public can have access to E- books, E-magazines and journals of both open access as well as proprietary. b) Nation capacity building: COMMUNITY ENGAGEMENT: ----- 1. Swachcha Bharath Abhiyan: Groups of NSS volunteers visit nearby designated villages with prior intimation and there they interact with villagers and stress on the importance of cleanliness and hygiene in and around their living places and also educate them about hand hygiene before consuming food. 2. Lake rejuvenation: Academy has adopted few lakes near Tumkur and constructed trenches and soak pits, thus ensuring that water percolation into ground soil. Tanks have been constructed to harvest rain water. 3. Green Graduation: Another novel initiative of the Academy, where in first year students of Medical, Dental and Engineering colleges plant tree saplings within a month of their joining to the college. They are expected to look after these saplings till their graduation.

Provide the weblink of the institution

<https://www.sahe.in/assets/naac/criteria7/7.3.1%20University%20Distintiveness.pdf>

8.Future Plans of Actions for Next Academic Year

Future Plans of action for next academic year

----- • Innovative academic programs: Computers in Medicine, • Innovations in teaching-learning and evaluation, • Innovative administration, nurturing and preserving intellectual property rights. • Enhancing Research and Development activities through in-house funding and seed money solely for the purpose of promoting research. • Enhancing

Unique research programs through extra mural grants from State, National, International agencies and submitting research- project proposals. • Collaborating actively with industries and foreign Universities for research promotion and extension activities. • NABH, NABL and NBA accreditation at constituent colleges • To Start Super specialty courses at constituent colleges • Collaboration with Non Academic Organizations for R D. • Approach and Collaborate with the biggest research bodies like DRDO, BELL, ICMR, ISRO. Constituting Committees with Panel Quorum of Eminent Experts to Oversee and Promote Research Activities and Publishing Activities At Siddhartha Academy Of Higher Education: ----- • Eminent and highly accredited professors • Scientists from various organizations • Journal writers from international forums • Industry leaders with vision on research education Financial Support System for Research Publishing: ----- As mentioned earlier a corpus fund will be made available by the university to support the cause of research and a high level body will be constituted to oversee fund availability, which also will reach out to raise funds from corporate with assignments fetching research grants. Any revenue earned thus will be sown back into the fund system of the research to inculcate a prospective ecosystem for research and publishing activities. Initiative to Promote Skill Development: ----- Another initiative which is a need of the hour is Skill development, we will subscribe to 'NATIONAL SKILLING MISSION'. We further collaborate with institutions like 'PMKVY' Pradhan Mantri Kaushal Vikas Yojana to promote skill development at all our institutions. Initiative to Promote Entrepreneurship : ----- Our endeavor to make a marked difference in the gamut of higher education will also extend further into promoting entrepreneurship by encouraging students of the university by establishing incubation center for future and prospective entrepreneurs. We will establish a novel means of support system by collaborating with institutions like NSIC (NATIONAL SMALL SCALE INDUSTRIES CORPORATION), KSFC (KARNATAKA STATE FINANCE CORPORATION), KARNATAKA START UP INITIATIVE CELL. Etc.,