



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING (DEEMED TO BE UNIVERSITY)
Name of the head of the Institution		Prof. Dr. C B Sanjeevi
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08555-287239
Mobile no.		8331034767
Registered Email		registrar@sssihl.edu.in
Alternate Email		regoffice@sssihl.edu.in
Address		Administrative Building, Sri Sathya Sai Institute of Higher Learning, Deemed to be University, Vidyagiri
City/Town		Prasanthi Nilayam
State/UT		Andhra Pradesh

Pincode	515134																								
<b>2. Institutional Status</b>																									
University	Deemed																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	private																								
Name of the IQAC co-ordinator/Director	Dr. (Ms.) P L Rani																								
Phone no/Alternate Phone no.	08555289840																								
Mobile no.	9440125092																								
Registered Email	coordinatoriqac@sssihl.edu.in																								
Alternate Email	dycoordinatoriqac@sssihl.edu.in																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.sssihl.edu.in/wp-content/uploads/2019/09/SSSIHL-AQAR-2018-19.pdf">https://www.sssihl.edu.in/wp-content/uploads/2019/09/SSSIHL-AQAR-2018-19.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.sssihl.edu.in/wp-content/uploads/2021/05/SSSIHL-Academic-Calendar-2019-20-FINAL.pdf">https://www.sssihl.edu.in/wp-content/uploads/2021/05/SSSIHL-Academic-Calendar-2019-20-FINAL.pdf</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <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> </thead> <tbody> <tr> <td>1</td> <td>A++</td> <td>96</td> <td>2003</td> <td>21-Mar-2003</td> <td>21-Mar-2008</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.63</td> <td>2011</td> <td>08-Jan-2011</td> <td>08-Jan-2016</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A++	96	2003	21-Mar-2003	21-Mar-2008	2	A	3.63	2011	08-Jan-2011	08-Jan-2016
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	A++	96	2003	21-Mar-2003	21-Mar-2008																				
2	A	3.63	2011	08-Jan-2011	08-Jan-2016																				
<b>6. Date of Establishment of IQAC</b>	23-Jun-2004																								
<b>7. Internal Quality Assurance System</b>																									

**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
Multidimensional Student Impact Assessment	26-Aug-2020 7	1376
Faculty Introspection Workshop; Annual Event	24-Apr-2019 1	166
Campus Hostel Management Committee	14-Jan-2019 1	1376
Internal Academic and Administrative Audit Committees	12-Sep-2019 7	1633
External Academic and Administrative Audit Committees	18-Dec-2019 2	1633
Learning management System	31-May-2020 365	1542
Online Examination Portal	31-May-2020 45	1542
<a href="#">View File</a>		

**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
SSSIHL	UGC SAP DRSIII	UGC	2018 1460	11100000
SSSIHL	UGC 12 B	UGC	2017 1600	0
SSSIHL	BIF	DBT	2018 1460	3394000
<a href="#">View File</a>				

**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 :**

**2**

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

Complete action points and outcome achieved is attached in the file. The highlights are: #Impetus to Research due to the fully functional Central Research Instruments Facility (CRIF) #Starting of certificate courses in Yoga and Self development to convert acquired skills into life skills for higher dimensional living. #Constitution of Academic Administrative Audit Committee (AAAC) both Internal and External visited all the departments and campuses of the Institute and took feedback of the different quality improvement measures and submitted a report. Action has been taken on all the inputs provided by the faculty, students and nonteaching staff. #Under Faculty Improvement strategies, the Introspection day was conducted at the beginning of the academic year 201920. Faculty met and discussed about relevance of the curriculum and any improvements that can be brought in. It allowed all the faculty to freely communicate/share achievements/deficiencies/improvements to administration. The strategies which were identified and implemented were: \$ HoDs to tap the hidden talents latent in the departments faculty \$ Orientation to the faculty from time to time to faculty so that they align their personal goals with the Institute goals \$ Identify areas where the faculty can excel and give them necessary impetus \$ Faculty Self Evaluation being conducted every year was made more effective with the mutual discussion in an open atmosphere by the HoDs with the faculty. This helped in setting goals and then a review of the goals in the end of the year. #Preparation of blue print for the Village Empowerment Programme (VEP) and its effective implementation in the villages of Narsimpalli, Marlapalli and Bontolapalli.

[View File](#)

**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
DETAILED PLAN OF ACTION AND OUTCOMES ARE IN THE ATTACHED FILE	DETAILED PLAN OF ACTION AND OUTCOMES ARE IN THE ATTACHED FILE
<a href="#">View File</a>	

14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Board of Management	19-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	30-Sep-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>#Academic Software: 1) The Learning Management System LMS eGuru is a part MIS which has modules of Attendance, Grading, Teaching Quality Feedback, Lesson plans, Semester Examinations, Continuous Internal Assessment, Performance reports of the students, Information dissemination module to name a few. # Administrative Software: 1) Online Examination Module has been integrated along with the MIS to facilitate distribution of Question papers to students and collection of answer scripts along with Safe Exam Browser (SEB) and Fully Exam Kiosk (FEK) compatibility. 2) The finance and accounting section uses Tally ERP 9 Gold version for accounting, Saral Paypack for establishment module, TDSMAN for tax purposes. 3) All the hostels and campuses maintain student databases in RDBMS. 4) Admissions module allows students to apply to programmes online. This module takes care of the pre admission, admission and post admission processing of data. The results are generated and displayed on the institute web site.</p>

## 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
BSc	UMAT	Mathematics	01/06/2019
BA	UPOL	Political Science	01/06/2019
BA	UECO	Economics	01/06/2019
MA	PECO	Economics	01/06/2019

[View File](#)

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
Nill	ALL DETAILS ARE ATTACHED IN THE FILE	01/06/2019	ALL COURSES	01/06/2020
<a href="#">View File</a>				

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Computer Science	01/06/2019
<a href="#">View File</a>		

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
BSc	Computer Science	01/06/2019

## 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
ARTS AND CRAFT COURSE	01/06/2019	69
DIETARY COURSE	01/06/2019	109
DRAMATICS COURSE	01/06/2019	63
HOSTEL MAINTAINENCE COURSE	01/06/2019	187
INSTITUTE BRASS BAND COURSE	01/06/2019	70
KITCHEN BAKERY COURSE	01/06/2019	16
MULTIMEDIA PRODUCTION COURSE	01/06/2019	55
TRADITIONAL SOUTH INDIAN INSTRUMENTAL MUSIC TRAINING COURSE	01/06/2019	40
PUBLICATION COURSE	01/06/2019	27
SOUND ENGINEERING COURSE	01/06/2019	11
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	PHY, CHEM, BIO, MATH, FNS, DSC	71

MA	ECO,ENG	12
MBA	GEN	45
Mtech	CS, OEC	14
<a href="#">View File</a>		

#### 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)

<p>Feedback Obtained</p> <p>(A) Students The feedback obtained from students on the six dimensions of 1) Core Teaching, 2) Pedagogy 3) Class Interaction, 4) Student Centric Teaching, 5) Conduct of CIE and 6) Discipline and Values are communicated to the respective faculty and the HoD. In the event of the feedback not being up to the mark, feedback is sought from the HoDs and the Director of the Campus to help the individual faculty in the area they are found to be deficient, and take corrective action wherever necessary. (B) Teachers The teachers fill the annual faculty self evaluation forms delineating their work load, their objectives for the subsequent academic year and a report of the previous academic year. They also clearly articulate (if any) their challenges and steps required for self improvement. These are then discussed with the respective HoDs. All the teachers are part of the respective department Board of Studies (BoS) which meets every year to discuss and constantly upgrade and update the syllabus and curriculum. Feedback from students and Teachers are incorporated in syllabus redesign. On individual level, the teachers list down the goals they set for themselves at the beginning of the academic year. Based on what was set earlier, an analysis is made at the end of the term of the goals that were achieved and those which were not met. AAAC committee of the Institute helps the teachers in overcoming these difficulties leading to overall development of the teacher. (C) Employers The employers of the alumni of SSSIHL give a structured feedback on the performance of the alumni in the three broad outcomes which the Sri Sathya Sai system of Integral Education stands for. The criteria is about being Professionally Sound, Socially Responsible and Spiritually Aware. The feedback is then studied carefully by the institute and corrective action is taken wherever it is required. (D) Alumni The alumni provide their feedback during the alumni meet which is held in the 2nd week of August and on January 1st of every year. An Alumni Impact Survey was conducted in January 2019 which elicited suggestions of the alumni on different aspects of the teaching learning process at the institute. It also requested the alumni to provide the their convenience to engage with the institute. This data was then sent to all the HoDs for the necessary action. (E) Parents The parents provide observation about the progress of their child and suggestions of improvement if any at the end of every semester. These are studied by the warden and the respective department teachers and corrective action or suggestions from the parents are considered from the subsequent semester onwards.</p>
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#### 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
Mtech	MTCS, MTOC	36	43	14
MBA	MBAG	60	433	57
MSc	PMAT, PPHY, PCHM, PBIO, PFNS	80	108	38
BCom	UCOM	80	414	77
BBA	UBBA	40	136	39
BSc	UMAT, UPHY, UCHM, UBIO, UCSH, UFNS	175	1099	163
BA	UECON, UPHI, UHIST, UOEN, UPOL	50	149	45

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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	942	346	65	43	58

## 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
166	166	9	178	120	6

[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)

The number of students in the University is 1288, these are the students enrolled in our UG, PG and PP programmes. This does not include the research scholars. The Institute has a mentoring system whereby the teaching faculty mentor the students. This helps the student to blossom in both academic as well as in the co-curricular activities of the Institute. Furthermore, these teachers reside in the hostel /campus where the students live throughout the academic year. This facilitates better rapport between teachers and students, and creates an environment for the teacher to help the student in all aspects and help in developing a holistic personality. At the Institute, students can approach teachers at various times during the day and can freely discuss both academic issues and personal matters with them ranging from academics to spirituality to family issues back at home in confidence at a time convenient for them. As facilitators and mentors, teachers set an example by following the values based education system as laid out by the Revered Founder Chancellor.



Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1288	166	1:8

## 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
175	166	Nil	7	118

### 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	Prof. K. Venkataramanah	Professor	Alexander von Humboldt Fellow
2019	Dr R Sai Satish (2014-2019)	Assistant Professor	Ramalingaswami Fellowship
<a href="#">View File</a>			

## 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
Nil	ALL DETAILS ARE ATTACHED IN THE FILE	2019,2020	19/10/2019	09/01/2020
<a href="#">View File</a>				

### 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
65	2037	3.19

## 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://www.sssihl.edu.in/wp-content/uploads/2021/05/2.6.1-Links-to-the-syllabus.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
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ALL DETAILS ARE ATTACHED IN THE FILE	Nil	ALL DETAILS ARE ATTACHED IN THE FILE	447	436	97.53
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## 2.7 – Student Satisfaction Survey

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

<https://www.sssihl.edu.in/wp-content/uploads/2019/09/SSSIHL-NAAC-Quantitative-Metrics-Structured-feedback-received-from-Students-1.4.1.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
International	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	01/06/2019	ALL DETAILS ARE ATTACHED IN THE FILE
<a href="#">View File</a>				

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
ALL DETAILS ARE ATTACHED IN THE FILE	1825	ALL DETAILS ARE ATTACHED IN THE FILE
<a href="#">View File</a>		

### 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
Major Projects	1825	ALL DETAILS ARE ATTACHED IN THE FILE	236.95	157.21
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### 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
Advanced NMR applications in solving Biology problems	Biosciences	14/09/2019
Virtual Labs	Physics	06/02/2020
The Periodic Table @150	Chemistry	08/08/2019
Disruptive Innovations	Chemistry	30/01/2020

to Lower Healthcare Costs		
Re-wired Metabolism Drives Breast Cancer	Biosciences	22/01/2020
Symposium on Translational and Advanced Research Technologies (START)	Biosciences	29/02/2020
National Nutrition Week Celebrations - The Health Happy Week	Food and Nutritional Sciences	01/09/2020
Marketing Simulation - from classroom to the real world	Management and Commerce	29/06/2019
Honing the art of Analytical and Presentations Skills via the Union Budget	Management and Commerce	13/07/2019
Leadership in Challenging Times	Management and Commerce	17/08/2019
Excellence @ Workplace - The Indian Ethos Way	Management and Commerce	03/11/2019
Mental Models	Management and Commerce	28/12/2019
Corporate Social Responsibility, Cross Border Mergers and Insider Trading	Management and Commerce	17/01/2020
Business Excellence	Management and Commerce	08/02/2020
Sustainable Future and Solidarity	Management and Commerce	01/03/2020

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### 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
Received 3rd position in oral presentation for the paper entitled Development of instant soup mix from Muntingia calabura fruit at International conference on Innovations and Technological Advances in Food (FOODS 19-ITAF)	Harshini V Sai Gayathri H Dr A Padmaja	MOP Vaishnav College for women, Chennai	06/08/2019	Postgraduate students and Faculty

Non- Banking Finance: Regulatory Challenges and Concerns	Akash Prakash Poojari Unninayanan Kurup Anirudh Satya Prasad Prabhala	RBI	14/02/2020	Postgraduate students and Faculty
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### 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
2 in Progress	2 in Progress	2 in Progress	2 in Progress	2 in Progress	01/06/2019
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Economics	2
English Literature	1
Chemistry	1
Physics	2
Mathematics and Computer Science	2

#### 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)
International	ALL DETAILS ARE ATTACHED IN THE FILE	106	3.21
<a href="#">View File</a>			

#### 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
Mathematics and Computer Science	11
Physics	14
Chemistry	2
Biosciences	9
Food Nutritional Sciences	9
Education	1
Language and Literature	8
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Small Area Imaging Gamma	Filed	29859	23/09/2020

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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
ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	2019	3.27	ALL DETAILS ARE ATTACHED IN THE FILE	155

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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
No Data Entered/Not Applicable !!!						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	35	1	3
Presented papers	Nil	2	Nil	1
Resource persons	1	9	Nil	1

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**3.5 – Consultancy**

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0

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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
Nil	Nil	Nil	0	0

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**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
ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	166	828
<a href="#">View File</a>			

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
ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	1376
<a href="#">View File</a>			

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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	166	828
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**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
Research	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	365
<a href="#">View File</a>			

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
Research	ALL DETAILS ARE ATTACHED IN THE FILE	ALL DETAILS ARE ATTACHED IN THE FILE	01/06/2019	31/05/2020	ALL DETAILS ARE ATTACHED IN THE FILE
<a href="#">View File</a>					

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
ALL DETAILS ARE ATTACHED IN THE FILE	01/06/2019	Research Development	42
<a href="#">View File</a>			

## 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
3777000	4179342

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
<a href="#">View File</a>	

### 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 partially)	Version	Year of automation
KOHA PRASANTHI NILAYAM CAMPUS	Fully	20.05	2001
KOHA ANANTAPUR CAMPUS	Fully	20.05	2008
KOHA BRINDAVAN CAMPUS	Fully	20.05	2018
KOHA MUDDENAHALLI CAMPUS	Fully	20.05	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	170950	84228000	571	299500	171521	84527500
Reference Books	7129	3809000	34	29104	7163	3838104
e-Books	229871	Nil	Nil	Nil	229871	Nil
Journals	164	193000	106	186200	270	379200

e-Journals	25384	Nil	Nil	Nil	25384	Nil
Digital Database	Nil	1880000	Nil	2243000	Nil	4123000
CD & Video	3307	Nil	59	Nil	3366	Nil

[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
File Uploaded	File Uploaded	File Uploaded	31/05/2020

[View File](#)

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1075	315	1075	0	253	69	405	1000	33
Added	122	0	122	0	26	13	83	0	0
Total	1197	315	1197	0	279	82	488	1000	33

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

1100 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
Multimedia Learning Centre, Sai Digital Studio	<a href="https://drive.google.com/file/d/1gWouOfAG_Sjsu-Rur1IW2DcmjsAfYuKq/view?usp=sharing">https://drive.google.com/file/d/1gWouOfAG_Sjsu-Rur1IW2DcmjsAfYuKq/view?usp=sharing</a>

#### 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 incurred on maintenance of physical facilities
54107000	54107000	6283000	6283000

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

Laboratories 1. Compulsory dedicated stock registers for all laboratory equipment. 2. Institute provides an annual grant for the maintenance and upkeep



of the infrastructure. 3. Annual stock verification - The Institute has a Policy document regarding upgradation, obsolescence, writing-off, and re-sale.

4. Regular monitoring and checking of electrical and plumbing related repairs

5. Biosafety procedures are followed as per the established norms by government. Buildings and Classrooms

1. Asset numbering for all assets like furniture, whiteboards, projectors, computer etc..

2. Year-end stock taking.

3. The building is whitewashed and painted every five years.

Sports Facilities

1. Regular technical and electrical supervision.

2. Equipment Sports arena is maintained by the in house workers.

3. Assets and Stock of all sports facilities are entered in the Register after every purchase, and statements will be submitted, after physical verification, to the administration at the end of every financial year.

Library-

1. Orientation classes to the students

2. Feedback on library services is taken on a regular basis.

3. Regular weeding out of old titles, schedule of issue/ return of books etc.

4. Visitor's register is maintained in the entrance.

Maintaining Infrastructure Records

1. Proper records for all the infrastructure is maintained. Standard Operating Procedures (SOPs) are followed in steps like depreciation, transfer of assets / facilities, identifying obsolete equipment and procedure for their disposal.

2. Regular physical verification of assets by the concerned authority at the department level and respective campus level.

3. The Contingent staff/electrician and the Assistant Manager (Systems) attend to the respective complaints, after consulting with the Director of the Campus. Once the job is completed, the same is recorded in the register before reporting back to the Director. Once the approval is received from the institute, the repairs are undertaken and payment is done.

Upkeep and Maintenance

1. Regular and periodical maintenance of UPS, solar panels, lifts, generator sets and so on are undertaken as per preventive maintenance.

2. Annual renewal of the subscription of Microsoft Campus license agreement, TALLY, Internet Lease Line and TURNITIN to keep them updated.

3. URKUND account for all teachers and research scholars in the institute has been activated.

4. Computer hardware like desktops is purchased with a 5 years WARRANTY, and after that periodic maintenance is done in house and issues are addressed on call basis.

5. Fire safety equipment has been replenished for all the buildings and periodical upgradation goes on. W.r.t. fire safety NoC for all buildings. Obsolescence and Disposal/Obsolete (unserviceable and irreparable) assets are physically verified at the end of financial year and disposed-off. A report explaining recommendation for scraping the assets after scrutiny is sent to administration at the end of financial year. Upon receiving the approval from administration, the process of disposal is started.

<http://www.sssihl.edu.in/wp-content/uploads/2021/04/4.4.2-Maintenance-Final.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	FREESHIP	1376	290472224
Financial Support from Other Sources			
a) National	DST Inspire scholarship, National Scholarship Portal for higher education (DST-SHE)	17	240000

b) International	Nil	Nil	0
<a href="#">View File</a>			

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
ALL DETAILS ARE ATTACHED IN THE FILE	01/06/2019	1376	ALL DETAILS ARE ATTACHED IN THE FILE
<a href="#">View File</a>			

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	Competitive Career Exams like GRE, CSIR, GATE, SLET, NET, GMAT, CAT Other state / Central Government Examinations and Career Counselling	81	81	78	81
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

## 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
17	58	55	18	22	22
<a href="#">View File</a>					

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

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
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	enrolling into higher education				admitted to
2020	1	MSC CHEMISTRY	CHEMISTRY	SSSIHL	Research Associate
2020	8	MSC BIOSCIENCE	BIOSCIENCE	SSSIHL, GITAM UNIVERSITY,	PHD
2020	10	MSC FOOD AND NUTRITION SCIENCE	FOOD AND NUTRITION SCIENCE	SSSIHL	PHD
2020	7	MSC MATHEMATICS	MATHEMATICS AND COMPUTER SCIENCE	SSSIHL, SAMBALPUR, INDIAN INSTITUTE OF TEWCHNOLOGY UNIVERSITY,	PHD, MTECH
2020	9	MSC PHYSICS	PHYSICS	SSSIHL, KU LEUVEN,	PHD, MTECH
2020	9	BA	FACULTY OF HUMANITIES	SSSIHL, AZIM PREMJI INSTITUTE, AMITY UNIVERSITY	MA ENGLISH, MA ECONOMICS, MASTERS IN SOCIAL WORK
2020	15	BBA	MANAGEMENT AND COMMERCE	SSSIHL, BIRLA INSTITUTE OF TECHNOLOGY, CMR UNIVERSITY	MBA
2020	14	BCA	MATHEMATICS AND COMPUTER SCIENCE	SSSIHL	M.Sc. (DATA SCIENCE AND COMPUTING)
2020	35	B.COM (HONS)	MANAGEMENT AND COMMERCE	SSSIHL, ICAI, NALANDA UNIVERSITY, PONDICHERY UNIVERSITY, MADRAS UNIVERSITY, INSTITUTE OF COMPANY SECRETARY	MBA, CHARTERED ACCOUNTANT, M.COM, COMPANY SECRETARY
2020	7	B.Sc (Hons) in Chemistry	CHEMISTRY	SSSIHL, St.Francis college for women , Sage university, SASTRA UNIVERSITY	M.SC CHEMISTRY, B.ED

[View File](#)

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
NET	31
GATE	20
SLET	1
GRE	1
Any Other	25
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
ALL DETAILS ARE ATTACHED IN THE FILE	University	1376
<a href="#">View File</a>		

**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
Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

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

Student Council and other committees: • The students in the institute believe in living for each other and all living for God. • Students are one of the most important stakeholders of the institute. Institute includes students in many of the statutory committees of the deemed to be university like Anti-Ragging committee, Internal Complaints Cell, Internal Quality Assurance Cell, Gender Sensitization Cell, and so on and also in day to day management of the hostel. Students in these committees of the institution put forward their issues for necessary action to be taken by the administration. (letters enclosed as additional information) • The institute has appointed a student counsellor as per the guidance of AICTE where in select faculty members and senior administrators are nominated by the Vice-Chancellor. (letter enclosed as additional information) • Students provide teaching feedback at the end of every semester which provides them an opportunity to voice out their opinion on the teaching methodology of the courses they undergo. Each class has class representatives who also contribute to decision making. As per the guidelines of AICTE and NAAC norms SSSIHL students form a part of all statutory committees such as Anti-Ragging committee, Internal Complaints Cell, Internal Quality Assurance Cell, Internal Committee for students with Disability, International Student's cell and so on. On every Campus, students are divided into Houses, with each house having Captains who also represent to the Director/ Warden any issues that need administrative attention. Classes have class representatives who also contribute to decision making. Confidential Online Teaching Quality Feedback process- All the students give valuable inputs about the teaching learning process. Life and living: All the major events like Village Empowerment Programme (VEP), Summer course, Annual Sports and Cultural Meet,

celebration of all the different spiritual and cultural festivals like Ganesh Chaturthi, Dasara, Christmas, Eid, Sankranti, Krishna Janmastami, Onam, Ugadi, Jagannath Chariot festival etc. are solely conducted by the students under the guidance of the institute faculty and research scholars. Self-reliance A major portion of the functioning of the Hostel is taken care of by the students and resident staff members. Students form the committees in all the self-reliance departments as listed below, where the day to day running and the decision making is done solely by students under the guidance of research scholars and teachers. This unique system with a spiritual undercurrent inculcates the virtues of morality, integrity and honesty in the students. The self-reliance departments include:

- House Keeping (Maintenance, Electrical, Carpentry, Plumbing, Landscaping, Drinking Water Plant)
- Academic support (Library, Computer Centre, Photocopying, Tutorials)
- Health care (Paramedical and First aid assistance, General hygiene, Dietary Services)
- Entertainment (Multimedia and Audio-visuals for in-house entertainment, Sound engineering and Recording)
- Support Services (General Stores, Transport services)
- Culinary (Catering Services, Dietetics, Fruits and Snacks, Bakery)
- Fine Arts (Arts, Crafts, Instrumental Music, Vocal Music, Brass Band, Photography)
- Performing Arts (Dance, Dramatics and Costumes, Theatre, Public Speaking, Quiz)
- Publications (Books and Newsletters - relating to the education system and interaction with

## 5.4 – Alumni Engagement

### 5.4.1 – Whether the institution has registered Alumni Association?

No

SSSIHL has one of the most committed alumni who are constantly in touch throughout the year with the Institution. They contribute to the alma mater in different ways and physically connect to the Institute twice a year. Mid-year Alumni meet happens every year in July-August which is attended by alumni across batches where goal setting is done for contribution in the next academic year and contribution in the previous year is measured vis-à-vis the goals set. Contribution mainly comprises non-financial inputs viz. assisting in teaching courses, insights from the corporate world, guidance to research scholars and student projects and so on. Alumni also take a sabbatical to come and teach in the Institute every year. Premabandham or Year-end alumni meet where Around 2000 alumni along with their family members assemble in Prasanthi Nilayam from across the globe. They offer service in the Institute and its sister organizations. The alumni offer significant financial contribution for the corpus development which has been one of the major sources of inflows to the Institute offering free education. The Alumni contribution for the year 2018-19 was INR 3,53,01,521. Alumni had celebrated the golden jubilee of its Anantapur and Brindavan off campuses with active participation of its women and men alumni respectively. Sri Sathya Sai Seva Organisation India with the motto of "Transforming Self to Transform the World", is creating a platform to embark upon this divine transformation journey for both the individual and the society at large. It has undertaken several nationwide initiatives and programs under the different wings of the organisation which has touched the lives of innumerable people across India in a positive way. 50 of the alumni of the Institute are part of this organization in different capacities and actively participate in all its activities at a pan Indian level. Other activities- Throughout the year the alumni come together to offer their time and energy into social activities that benefit the society at large at the state and city level, Revered Founder Chancellor dictum 'Love All Serve All' being their guiding light. Pandemic Time- Contributions to the Institute in service to the society as stated by Govt. of India, such as helping during corona pandemic by distribution food and provisions to migrant workers, poor people, earthquake hit areas, calamity of floods etc., for the benefit of society with a feel of brotherhood of mankind.

5.4.2 – No. of registered Alumni:

5000

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

34045184

5.4.4 – Meetings/activities organized by Alumni Association :

# Alumni Business Meet in Aug 2019 which submits and reviews the various activities conducted by the alumni in each department under the following aspects: 1. Lectures by subject matter experts 2. Conferences and Colloquiums 3. Data for research support for summer projects 4. Skill building sessions for students, research scholars # Annual Prem Bandhan Meet in January 2020 where the website run by alumni named Vidyullekha was launched. URL of the website is : <https://vidyullekha.in/SSSSO-Magazine> # Activities conducted under Alumni Cell: 1. Database management 2. Sharing information of the Institute with the Alumni

## **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)

Sri Sathya Sai Institute of Higher Learning, Public Charitable Trust provides the resources and direction on policies to the Deemed-to-be-Institute. The Institute functions under the overall guidance laid down by the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba. The Vice-Chancellor has the responsibility of formulating and implementing policies. He is assisted by the offices of the Registrar, Controller of Examinations, and the Finance Officer. The Trust, the Governing Body, the Academic Council and the Boards of Studies, together take decisions on the educational policy of the Institute and also review its objectives and goals, from time to time. Departmental Committees The Deans and Heads of Departments are responsible for the planning and functioning of their respective departments and faculties individually and collectively.

The Heads of Departments review performance of the departments in the respective departmental / faculty meetings which are held once in a month. The minutes of the meeting are sent to the Vice-Chancellor through the proper channel (via Director's office of the respective campus) for review and necessary action. Directions on academic and administrative policies are reviewed by the Board of Management. Each Campus is headed by a Director. The Campuses have the requisite offices set up for managing matters pertaining to Administration and Accounts. Since all these bodies work in unison, there is a flow of information relating to academic matters, research, finance, infrastructure and outreach leading to smooth decision making. The Institute has a fairly comprehensive and frequently updated website. Campus Hostel Management Committees (CHMC): Three members from the academic side and three members from the hostel administration side together form this body which, as a part of participative management, takes major decisions on Campus. The CHMC of all the four campuses meet periodically to deliberate, approve and standardize all decisions pertaining to the Campus- Hostel dyad. The focus is on formulating a basic framework of processes and mechanisms that are consistent and in line with the institute's vision and philosophy. Members raise pertinent issues relating to governance, leadership and management, which are then discussed in that meeting itself or the next, depending on its importance and urgency. The decisions arrived are consensual in nature and in case of any difference of opinion, the same is referred to the institute administration for final decision. The CHMC has streamlined decision making and governance aspects



at campus-hostel level and brought transparency and accountability among all the stakeholders. The macro to micro functioning issues are planned, coordinated and implemented in such meetings. Broad points deliberated upon are: • Rededication to the system of Integral education conceptualized and nurtured by Revered Founder Chancellor. • Tackling the performance of the students who are academically poor. • Steps to be taken to internalize the value systems of the institute. • How to make the mentoring system more effective? • Teaching methodology of Awareness courses. • Tackling disciplinary issues and day to day functional issues of the institute. The governing structure enlisted in the Executive Summary pictorially represented therein.

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
Human Resource Management	<p>Performance appraisal system and promotion avenues: Teaching staff fill the self-evaluation form annually comprising of academic, research-oriented details, papers published, conference participated, administrative contributions, co-curricular responsibilities undertaken. They also give self-assessment on different parameters of campus life and articulate the support needed by them to discharge their duties effectively. An online confidential teaching quality feedback is given by students based on six broad dimensions such as Core teaching, Pedagogy, Class interaction, CIE content, Student centric, Discipline. The computer processed reports are made available to the faculty and the HoDs for indentifying the backing needed necessary action. As per the UGC guidelines, Academic Performance Index (API) score is calculated for every teaching faculty to consider them for career advancement. Non-teaching staff- Performance appraisal is undertaken for every non-teaching staff before considering him/her for promotion by a review committee constituted for this purpose. The appraisal report will have the assessment on a scale 1 to 5 for the aspects of Quality of Work, Flexibility, Initiative, Dependability, Interpersonal Relations and Punctuality Attendance and relevant information about the individual in nearly 100 words. These are then presented by the Vice Chancellor to the Board of Management for approval. General</p>

Welfare Measures taken for all employees: 1. Accommodation is provided to the faculty and staff. 2. Teaching and non-teaching staff and their families can avail free medical care facility in the two general hospitals and two multi specialty hospitals present at Prasanthi Nilayam and Bengaluru and every campus has an attached free dispensary to address their minor ailments. 3. Excellent gymnasium and sports facilities are available to the faculty and staff for sports and recreation on every campus. 4. Preference is given to the wards of the faculty and staff members in admission to the school and university under the staff quota. 5. Canteens in each campus provide nutritious and hygienic food for a nominal price. This facility is open to all the staff. 6. All campuses have attached General stores having a wide range of products to cater to the day-today needs of the teachers, staff and the students. These stores are run on a no profit basis. 7. Spiritual and elevating talks, presentations and exhibitions are organized on a periodic basis as a food for the soul to the faculty and staff in addition to the students. 8. DA and HRA are provided to the staff as per State Government rules. 9. Promotions and Career Advancement Schemes are regularly undertaken. 10. Group insurance scheme for all employees. 11. Need based Transportation facility is provided 12. Internal Academic and Administrative Audit is done every year to address problems of the staff.

Welfare measures taken specifically for women: 1. Women staff members are granted paid maternity leave for 26 weeks. 2. Common rooms in the campus, sanitary pads disposing machine and incinerators for disposal of sanitary napkins. 3. Safe and secure work environment. 4. Safe and secure transport facility when they work late hours. 5. Extending work related concessions and relaxations depending on the situation and requirement. 6. Access to gynecologist who visit the hostel on a regular basis/Trust run hospitals, Insurance cover, and so on.

Industry Interaction / Collaboration

Projects partially funded by the Collaborating Institute/Industry and supplemented by provision of inputs



from SSSIHL such as extra manpower, infrastructural facilities and partial recurring expenditure etc., The collaborative projects could be with specific objectives and well defined expected outcomes/results, generally culminating in generation of Intellectual property. The collaborative projects could also be multi-institutional with the sharing of the project funding and also the research results/outcomes. The Institute and the partnering Institute(s)/Industries will make necessary arrangement for agreeing upon the terms and conditions based on the nature and scope of the project which can include resources, financials, manpower, instrument usage and also sharing of IP etc.,

Research and Development

SSSIHL is an Institute of Higher Learning established with a vision to impart excellence in the field of Higher Education Research integrated with Human Values. The Institute strives towards promotion of value oriented Teaching Research in all aspects of SSSIHL's ecosystem. The Faculty are encouraged to carry out advanced research along with their teaching/training activities. They are provided with advanced facilities to support their research activities. The research output and the teaching components are taken into consideration for the career progression of the Faculty. The institute has made significant progress in promoting interdisciplinary research in areas such as Rapid Detection of Endemic Diseases, Diabetic Retinopathy, Development of Cost Effective Multi Modal Microscope, Regenerative Medicine and Tissue Engineering. The Faculty are also actively collaborating with various organizations and external agencies in taking these programs forward. To add strength to the ongoing research activities, Sri Sathya Sai Central Trust (Parent Trust) with the Guidance and Blessings of Bhagawan Sri Sathya Sai Baba, the Founder Chancellor, has established 'Central Research Instruments Facility' (CRIF) at the Prasanthi Nilayam Campus of the Institute for the benefit and use of all the Faculty Students across all the campuses. The Central Research

Instruments Facility (CRIF) is designated to house all the advanced instrumentation, laboratories and facilities to promote multi-disciplinary research in the areas of Computer Sciences, Physics, Chemistry and Biology. Functional materials, Medicinal Chemistry, Phytochemistry, Disease Biology, Cell Biology, Structural Biology, Purification of Water and allied areas are some of the areas of focus. SSSIHL is also directing its efforts in advanced studies in Management, Economics, Leadership Human Values, Philosophy and Indian Culture. The procurement procedures of the Institute for the capital and consumable items required for the Research Training are in place and made simple to support the Faculty Students. The Institute encourages its faculty to collaborate with various Institutes/Industries for their research activities and also apply for research grants from International/National Funding agencies, Industries and other Funding Sources. As per the norms of UGC, high standards of research output along with excellence in teaching training is considered as one of the key criteria for the recruitment and promotion of faculty by the Institute. IPR and Innovations Cell of the Institute has been established to encourage Innovation Creativity of the researchers and to facilitate filing of patent applications of the inventions. The Institute encourages Faculty to establish network with other Universities/Research Institutes/Industries within India as well as abroad by entering into various collaborative agreements. The Institute has established Institute Industry Interface Cell (IIIC) to facilitate the collaborative agreements. The Institute has currently entered into more than 50 MoUs for the benefit of faculty and students for research activities.

Library, ICT and Physical Infrastructure / Instrumentation

Library : The Central Library is equipped with Koha software package which is an Integrated Library Management System (ILMS) with Bar Code Scanners that supports all in-house operations of the library and accessed through the on-line Public Access Catalogue (OPAC) within the campus

premises. Sports Facilities Technical and Electrical supervision is in place with the help of a maintenance team under the guidance of a Custodian with the support of Physical Director in each campus. Ground, equipment sports arena and general maintenance is taken care on a periodical basis. Fixed and Consumable Stock Registers are maintained in which every purchase and issue is recorded. Annual Maintenance Contract (AMC) is taken up for critical equipments, UPSs, ACs and Internet Lease Line for the University. Computer systems are purchased with an extended warranty of 5 years. In case the life of computers is greater than five years, issues are addressed on call basis Furniture and Office assets are maintained by the supplier on a call basis. Fire safety equipment have been replenished for all the buildings and periodic upgradation is made based on AP fire safety and disaster management and Karnataka state Disaster Management Authority. The Institute's IT policy ensures both safety and security of data and Institute property and stakeholders. Robust servers and storage devices with auto-back up facility protects and safeguards teachers and student data. State of art Surveillance systems are installed in all the four campuses for protecting universities premises and ensuring the safety of all staff, students and visitors consistent with respect for the individuals privacy Periodically the IT team of the campus will perform an IT audit and recommend disposal of IT resources. The institute has entered into Campus license agreements with Microsoft, Kaspersky Anti-Virus software, Urkund, Turnitin Anti-Plagiarism software, Sophos End-point security, EBSCO, Adobe, Tally, Saral Paypack, TDS Man and so on.

**Examination and Evaluation**

Contract has been signed with NSDL for uploading the certificate of all the students passing out in the year 2019. NSDL will provide the NAD ID to them and the uploading will be done after the convocation i.e. after 22nd November 2019. E governance mechanisms like EDDRS (Electronic Data Dispatch and Receipt System) and QPSB (Question Paper Scrutiny Board) are already in place in the examination section.

Application for convocation, End semester supplementary exam registration, Retotalling of marks, Issue of duplicate grade card, Issue of duplicate degree certificate, Migration certificate, Application for change of name, Application for CGPA to percentage conversion etc. are available electronically on the university website for the students to download and fill them.

Teaching and Learning

The Sri Sathya Sai Institute of Higher Learning comprises campus area of 174.58 acres and built up area of 1,40,000 square meters predominantly in rural or semi urban locations and distributed among one main and four off campuses. The university is well equipped with spacious libraries in each of the campuses with nearly 1,75,000 books, 7000 reference books and a rich collection of around 212 national and 68 international journals.

The SSSIHL users can access the databases of Web of Sciences, Science Direct, JCCC, JSTORE, Oxford University Press, Cambridge University Press and PROQUEST through INFLIBNET. The institute has the fiber security lab, computer vision lab, machine learning and Robotics lab, a postgraduate computer center and two student laboratories in the department of Mathematics and Computer Science. The Department of Physics includes two general Physics lab, 2 Electronics Labs, a Linear Optics Laboratory, a Nonlinear Optics Lab, a Materials Science Lab, a Characterization Lab, a Networking Lab, a Raman Spectroscopy Lab, a Nuclear Physics Lab and an Optoelectronics and Communication Lab.

Department of Chemistry has an Instrumentation Lab, 3 Organic Chemistry Labs, 3 Inorganic Chemistry Labs, 3 Physical Chemistry Labs, one Water Analysis Lab, one Lab for Computational Chemistry and a Molecular Bioprocessing Lab (MBL). Department of Biosciences has a Microbial Fuel Cell Lab, a Fast Protein Liquid Chromatography Lab, 3 Microbiology Labs, a Mycology and Plant Pathology Lab, 2 Animal Cell Culture Labs, a Plant Tissue Culture Lab, a Flow Cytometry lab, an Instrumentation Lab, a Bioinformatics Lab, a Biochemistry Lab, two Basic Zoology Labs, 2 Basic

Botany Labs, a Molecular Biology Lab, a Research Lab and a Tissue Culture Lab.

Department of Food and Nutritional Sciences has a Biochemistry Lab, a Clinical Lab, a Food Science Lab, a Food Quality Control Lab, and a Research Lab. Central Computer Centre facility, English Language lab facility, Multimedia Learning Centres are commonly available in all the four campuses for use by all departments.

Almost all these centres have been upgraded to HD Polycom plus Microsoft Lync facilities. All the four campuses have computer centers with an impressive student to computer ratio of 2.6:1. Total number of computers available in the institute are around 1150. The classrooms excluding the seminar halls and conference halls add to 127 in all campuses combined together most of which are well equipped with DLP Projectors, projector screens, White boards and PC on Stick facility. There is a state of the art Research Facility, Central Research Instruments Facility (CRIF), in the Prasanthi Nilayam campus for pursuing cutting edge research, available to all the campuses. It was constructed by the parent trust, Sri Sathya Sai Central Trust, with a cost of Rs. 50 crores. It comprises some of the latest facilities under the four broad headings of Core Facilities (Rs.13.2 crores), Multifunctional Materials Facility (Rs.1.49 crores), Central Utilities (Rs.2.1 crores) and Specialized Research Facilities (Rs.4 crores). The university has a high speed internet line of 1 Gbps and is provided under the National Knowledge Network (NKN) from the Government of India. The three off campuses connect to the main campus via a VPN and have an individual 8 Mbps internet connection separately.

Curriculum Development

At UG level, electives are introduced to incorporate emerging fields in the syllabus. Also projects, in the fifth and sixth semesters, introduce students to the nuances of scientific research. Students, by the end of their courses, develop logical reasoning, analytical ability, aptitude for problem solving, competitive communicative skills, etc.

At PG level, advanced level of understanding, and application of knowledge in relevant fields are

achieved. The rigorous project/ dissertation train the students in research and industry relevant problem solving skills. A few examples in point: Sciences: Specialization in Actuarial Science, Data Science Computing fill the much needed global talent pool. The institute being situated in a rural set up addresses some local issues like viable ways of reducing fluoride content in water, devising semiconductor based silicon from groundnut shell and husk, researching to meet national and global food security and safety needs, training skilled personnel for health sector and food industries. Economics and Humanities: Evaluating important local and national issues in economics and finance applying economic theories and econometric methods, understanding the history of India to analyze its political implications, developing awareness on media discourse and environmental literature, training value conscious and responsible teachers are some of the initiatives. Management Commerce: Courses like Supply Chain Management, Marketing, Values based management address crucial global and national issues like ethical management, sustainability, etc. Important social issues like gender equality and work life balance find a prominent place in courses like Human resource management, Self development etc. All programmes have their specific Programme outcomes, programme specific outcomes and course outcomes, and are uploaded in the website. Revised course curriculum, through a well defined mechanism, is presented in the Board of Studies (BoS) of each department, which then are ratified in the Academic Council meeting (ACM) held once/twice a year, finally approved by the Board of Management.

Admission of Students

The whole process of student admission is done online from 2011 onwards. The online application portal provides the option for the students to apply for a programme at SSSIHL online. In the admissions of 2019, 70 of applications for admissions to the university were received in the online mode. This figures is increasing on a incremental basis every year. For all the entrance examinations for

Undergraduate and Professional courses, the exam is conducted using an OMR sheet which is then evaluated electronically. The analysis, generation of reports and display of results are also done electronically. Once the students join the campus, the profile of students are maintained electronically in the respective hostels.

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

E-governance area	Details
Finance and Accounts	The Finance and Accounts section already has the e-governance in its day to day operations. It uses Saral Paypack, Tally and TDSMan.
Examination	<p>Contract has been signed with NSDL for uploading the certificate of all the students passing out in the year 2019. NSDL will provide the NAD ID to them and the uploading will be done after the convocation i.e. after 22nd November 2019. E-governance mechanisms like EDDRS (Electronic Data Dispatch and Receipt System) and QPSB (Question Paper Scrutiny Board) are already in place in the examination section.</p> <p>Application for convocation, End semester supplementary exam registration, Retotalling of marks, Issue of duplicate grade card, Issue of duplicate degree certificate, Migration certificate, Application for change of name, Application for CGPA to percentage conversion etc. are available electronically on the university website for the students to download and fill them.</p>
Student Admission and Support	<p>The whole process of student admission is done online from 2011 onwards. The online application portal provides the option for the students to apply for a programme at SSSIHL online.</p> <p>In the admissions of 2019, 70 of applications for admissions to the university were received in the online mode. This figure is increasing on an incremental basis every year. For all the entrance examinations for Undergraduate and Professional courses, the exam is conducted using an OMR sheet which is then evaluated electronically. The analysis, generation of reports and display of results are also done electronically. Once the students join the campus, the</p>



	profile of students are maintained electronically in the respective hostels.
Administration	NAS drive is used in all the campuses for centrally storing and retrieval of data. The data also is shared across campuses via the NAS drive. The gives safety to the data due to availability of effective data backup and security from malware attacks

### 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 support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NIL	NIL	NIL	Nill
No file uploaded.				

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	Nill	Tally Training	01/10/2019	31/12/2019	Nill	4
2019	Nill	Accounting for Non-fund-based inward grants/donations	05/10/2019	05/11/2019	Nill	7
2019	Nill	Content Management System Training	04/01/2020	05/01/2020	Nill	6
2020	Nill	Fund based grant accounting	14/03/2020	14/03/2020	Nill	7
2020	Workshop on Virtual Labs	Nill	06/02/2020	06/02/2020	19	Nill
No file uploaded.						

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
ALL DETAILS ARE ATTACHED IN THE FILE	15	01/06/2019	31/05/2020	396
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	2	2	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free primary and tertiary medical care, Excellent gymnasium and sports facilities, Preference to the wards of the faculty for admission in the school and university under staff quota, Shopping complex and Canteens at nominal price, Exposure to spiritually elevating talks, presentations exhibitions as food for the soul, and Staff quarters at nominal charge,.	Free primary and tertiary medical care, Excellent gymnasium and sports facilities, Preference to the wards of the faculty for admission in the school and university under staff quota, Shopping complex and Canteens at nominal price, Exposure to spiritually elevating talks, presentations exhibitions as food for the soul, and Staff quarters at nominal charge,.	Education totally free of cost, Free primary and tertiary medical care, Excellent gymnasium and sports facilities, General stores and Canteens at nominal price, Exposure to spiritually elevating talks, presentations exhibitions as food for the soul., facilities of Indoor stadiums, outdoor stadiums and huge playground, Free Internet access, Computer facilities, Language Lab, Multi media Learning Centres.

**6.4 – Financial Management and Resource Mobilization**

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

Internal and external financial audits of the Institute are audited by two separate firms of Chartered Accountants who would be appointed annually by the Institute. Books of accounts were presented to the internal auditor every quarter i.e., June, September, December and March for internal audit for the year 2015-16, 2016-17 and 2017-18. The process had become half yearly for the academic year 2018-19 and 2019-20. For instance, financial audit books are submitted twice a year for internal and final audit to statutory auditors. During the course of audit any audit queries by auditors are discussed and explanation/clarification are given by the Accounts and Finance Manager / Finance Officer based on entries made in accounting package. Subsequently the auditor would submit audit report to the management of their audit observations. In response, the Institute would submit an action taken report on various points of observation and wherever necessary indicating adjustment / rectification of entries made to the accounts as per audit observation reports and furnish a compliance report at the subsequent audit.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the

year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
ALL DETAILS ARE ATTACHED IN THE FILE	68291502	ALL DETAILS ARE ATTACHED IN THE FILE
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6.4.3 – Total corpus fund generated

74406715
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## 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	AAAC by external memebers	Yes	Management
Administrative	Yes	AAAC by external memebers	Yes	Management

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

Not applicable
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6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

<p>The support of the parents is sought in the following manner: 1. Parents of all the new students have a meeting with the warden, director and faculty at the time of joining the institute. 2. Feedback is taken from the parent at the end of each semester. Hostel warden sends a progress report at the end of each semester and parent's feedback and comments are received. 3. Parents are required to meet the director/warden/resident teachers one in an academic year to appraise them of the progress of their ward in five dimensions of education practiced at SSSIHL namely intellectual, physical and cultural, devotional and service. Suggestions of the parents are implemented based on the feasibility. However, the institute does not have a formal parent-teachers association.</p>
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6.5.4 – Development programmes for support staff (at least three)

<ul style="list-style-type: none"> <li>• Encourage the support staff to pursue enhancement of skills and gain knowledge by enrolling for online/correspondence courses.</li> <li>• Shift the staff to a better job profile based on the competency and performance.</li> <li>• Encourage them to be up to date with their computer skills by constantly upgrading the software to the latest versions</li> </ul>
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

<p>Academic Initiatives- • Setting up of Central Research Instruments Facility (CRIF) and Central Research Laboratory help the objective of providing the latest and advanced characterization/analytical tools to carry out translational research in various areas of Science and Technology - physical, biological, chemical, materials science, food, computational and interdisciplinary areas. CRIF also houses a complement of specialized research facilities in disease biology and plasmonics. This will enable researchers to keep pace with the scientific developments taking place globally, publish their</p>
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research in peer reviewed high impact journals, contribute to the needs of the society at large. • Research for Societal Benefit- Collaborative research with Government and Private Agencies has given a fillip to the research thrust of the university. There have been collaborations with Academia and Research institutions like CBER/US-FDA-USA, IIT Madras, ICSSR – New Delhi, JAIST Japan, TIFR Mumbai, IGCAR Kalpakkam, NCL Pune, University of Colorado USA, University of Wollongong Australia, University of Maryland USA, Clemson University USA to name a few. The industry collaborators are Agilent Technologies India Pvt. Ltd., Amara Raja Batteries Pvt. Ltd., Omix Research Diagnostics Laboratories Pvt. Ltd., Insta Power Ltd. New Delhi, Grey Scientific Labs Vishakhapatnam, Symrise Chennai etc. • Curriculum Review through Board of Studies and Academic Council Meetings- Some incremental improvements were: Introduction of: a. specialization in Actuarial Science in the M.Sc.(Mathematics) b. New specializations such as Photonics, Nuclear Physics and Materials Science in the M.Sc.(Physics) c. Financial Economics as a specialization in MA Economics d. Syllabi updated periodically based on inputs from BoS of respective departments • Question Paper Setting and Scrutiny: The Institute has implemented the On-line Process wherein the QP set by the Examiner /Setter is given to the QPSB in soft copy, and the changes required are incorporated electronically.

**Administrative Initiatives** • Leadership Team for Quality Assurance constituting Vice-Chancellor, Registrar, Controller of Examinations, Directors and Wardens, Heads and Associate Heads of Departments of the Institute was established in 2015. Periodical meetings are held to discuss academic and administrative matters. • Campus Hostel Management Committee (CHMC)- was established in 2015 to synergize the functioning of the campus and hostel, with members from both the units constituting the committee. It includes the director, warden, two senior faculty members each from campus and hostel and invitees if any. • Mandatory Committees/Cells- All mandatory committees/cells as required by UGC/NAAC have been constituted and are functional, meeting atleast once every year. o Anti-Ragging Committee o Internal Complaints Cell o Social Media Cell o Anti Discrimination Cell o Internal Cell for students with Disability o SC/ST

#### 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	No

#### 6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Introspection Day	29/07/2019	24/04/2019	24/04/2019	166
2019	Online Examination Portal	09/11/2019	01/07/2020	31/12/2020	1542
2019	Learning management System	09/11/2019	01/07/2020	31/12/2020	1542
2019	External Academic and Administrative Audit Committees	29/07/2019	18/12/2020	19/12/2020	1633

2019	Internal Academic and Administrative Audit Committees	29/07/2019	12/09/2019	25/09/2019	1633
2019	Campus Hostel Management Committee	29/07/2019	14/01/2020	14/01/2020	25
2019	Multidimensional Student Impact Assessment	29/07/2019	26/08/2019	01/09/2020	1542

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Ladies Day	19/11/2019	19/11/2019	1000	500
Dasara Celebrations highlighting importance of Feminine aspect of Godhood	02/10/2019	08/10/2019	1000	1000
Annual Sports and Cultural Meet 2019-20 Presentation by women's campus	11/01/2020	11/01/2020	1000	1000
Sakura Science Exchange program	16/08/2019	26/08/2019	4	7
Pilot study to encourage women entrepreneurs	01/06/2019	30/09/2019	25	Nil
Summer Course in Indian culture and spirituality	13/06/2019	15/06/2019	1000	1000

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

The institute has as on date 1200 kW of installed solar power capacity. The institute is diligently pursuing research with the principle of waste to wealth

and working on projects like developing semi conductor grade silicon from groundnut shell and husk. The hostels use special eco friendly cakes to fire their boilers. All hostels use their kitchen and wet waste to make organic manure which is used in the campus gardening. All the students on a periodic basis enthusiastically participate in tree plantation. Institute has set mechanisms for water harvesting. Percentage of power requirement of the Institute met by the renewable energy sources is 78 per cent

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Scribes for examination	Yes	Nil
Physical facilities	Yes	Nil
Braille Software/facilities	Yes	1
Rest Rooms	Yes	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	1	50	01/06/2019	2	Empowering Rural Entrepreneurs	Reviving ancient art form which was patronized in 200 BC by Satavahana dynasty, creating Marketing linkages with the Industry and other stakeholders	50
2019	1	5	01/06/2019	300	Sri Sathya Sai Village Empowerment Programme	Health Hygiene, Sanitization, Education, Green Initiatives, Rural entrepreneur	1542

						ship	
2019	1	1	01/06/2019	365	Sri Sathya Sai Mitra Project	Generation of Solar Energy from all the campuses and buildings of SSSIHL	1630
2019	1	1	01/06/2019	365	Research for societal benefit	Low cost housing materials for Thermal insulation with agricultural waste	20
2020	1	1	01/01/2020	90	Wealth from Waste	Creating useful domestic products from cattle waste (Cow dung)	10
2020	1	1	01/01/2020	90	Wealth from Waste	Creating Silicon Grade materials from waste (ground nut husk)	20

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

Title	Date of publication	Follow up(max 100 words)
Convocation Pledge	22/11/2019	"I hereby solemnly declare and promise that, if admitted to the Degree for which I have been duly recommended, I will, in my daily life and conversation, and in thought, word and deed, conduct myself as befits a member of Sri Sathya Sai Institute of Higher

		Learning that I will, to the utmost of my capacity and opportunity, support the cause of sound learning, humanity, morality and spirituality and that, as far as lies in me, I shall uphold and advance the social and, indeed, all round welfare of my countrymen and fellowmen"
Sports meet Pledge	11/01/2019	We the children of Sai, swear that , we shall take part in the Annual Sports Games of Sri Sathya Sai Institutions in fair competition respecting and abiding by the rules which govern them and with a desire to participate in the true spirit of sportsmanship for the honor of our country, the glory of sport and our beloved Mother Sai

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Summer Course in Indian Culture and Spirituality	13/06/2019	15/06/2019	1450
Prasanthi Vidhwan Maha Sabha - Intellectual talks on spirituality and philosophy	02/10/2019	08/10/2019	1450
Convocation Drama on Indian Ethos	22/11/2019	22/11/2019	1450
Annual Sports Meet for Fostering Principles of team spirit	11/01/2020	11/01/2020	1450
Cultural Presentations on Indian Ethos	12/01/2020	16/01/2020	1450
<a href="#">View File</a>			

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

- 1) Tree plantation initiative Students take up the tree plantation initiative on a periodic basis as part of community service programme. Students took part with enthusiasm in Vanam Manam and Chettu Neeru programmes of the state government to promote tree plantation. 2) Adapting guidelines stipulated by



UGC, AICTE, NCTE and MHRD w.r.t. Covid-19. Conducted research projects for societal benefit. 3) No Plastic Drives have been a regular feature in our campuses 4) Great Impetus is being given to green energy. 2100kWp solar plant is installed at our campuses to generate solar power to run most of our energy needs. This video gives the details of the solar production facility - <https://www.youtube.com/watch?vMUorTo4kdmU> 5) Energy research is given high importance in our research mission. Many groups of the institute work on e-energy devices like piezoelectric and pyroelectric methods. 6) Sensitization of energy conservation and campaigns are a regular feature in our campuses 7) Replacing of incandescent bulbs with energy efficient LEDs etc 8) Chitravathi river bed cleaning and its upkeep is a regular activity taken up by our students. 9) Many of our faculties use bicycles to commute to work and ALL our students walk to the campus and hostel. This has been possible due to residential system of education in our University.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Best Practice 1 Research for Societal Benefits In tune with the philosophy of the Revered Founder Chancellor- Knowledge that is not translated into skills that are used for helping the society is useless from the very inception of the institute, research is always aligned with the apex objective of it being beneficial to the society. Research topics are chosen with great diligence leading to translational or directed basic research. Hence the institute constantly endeavors to develop a strong base for research which, to a great extent, is relevant to local needs and simultaneously explores avenues of basic work crucial to our national development. Uniqueness of research at the Institute has the following points: a. Socially relevant research b. Integrating human values, ethics capital in work and personal life c. Addressing local issues d. Cost effective health diagnostics e. Looking at waste to wealth solutions f. Harnessing abundant solar energy available in the region Sciences- The research activities of faculty and students at Sri Sathya Sai Institute of Higher Learning envision exploration and promotion of socially relevant, rural-friendly, translational research encompassing three domains - Health, Environment and Energy. In the area of Health, the focus has been on Understanding disease states, detection and healing of disease states and their remedy, Medical imaging, study of functional materials for health applications, alleviating macronutrient malnutrition, micronutrient malnutrition and chronic lifestyle diseases. In the area of Environment, research is being pursued in Water quality monitoring, water purification and integrated watershed management. In the area of Energy, research is being undertaken in Microbial fuel cells, Thermo-electric materials, Perovskite solar cells, Super capacitors, Piezo electric materials for energy harvesting and Green building technologies. Management- Focus on research on the importance of human values and ethical capital in business. There is also promotion on building case studies with local relevance. The work done includes theoretical and empirical studies on Values-centred Leadership, Corporate Governance and the Impact of Ethical values on Economic development. A doctoral research at the institute strives to accomplish a holistic understanding of leadership for social entrepreneurship. Areas that help in social upliftment, work on sustainability and financial inclusion have been in continuous focus. The research in these aspects include work that has been done on the Green Practices in Supply chain Management, financial microfinance in India and inclusive business practices. Economics- In the broad area of Macroeconomic Policy Modelling research topics where work is being done are modelling India's external sector, Public debt management and modelling India's Food inflation. Under Financial Econometrics, work is being undertaken in Financial Economics with an emphasis on Analysis and Modelling of Capital Markets and Economic Growth in Emerging Economies. In



Development Economics the emphasis has been on analyzing the growth of various sectors of the economy such as agriculture, industry, services and trade, in promoting economic development. Education- Research focus is on Values development through different pedagogies in school education. Central Research Instrument Facility (CRIF)- It was strongly felt that the research work can be accelerated, if basic infrastructure facilities are strengthened by providing state-of-the-art facilities under one roof. This has resulted in setting up of CRIF which provides the latest and advanced characterization/analytical tools to carry out translational research in physical, biological, chemical, materials science, food and also computational and interdisciplinary areas.

Constraints/Limitations- Teaching faculty and to some extent research scholars are custodians of the unique Sathya Sai system of integral education which moulds the students into human beings of good character who are self-reliant, contented and enterprising heroes of action and self-sacrifice for the purpose of serving humanity. Our faculty members across various departments are actively involved in pursuing high quality research besides their regular testing assignments in various areas by their interest, keeping societal needs in view. The quality of research investigations/findings is reflected on their publications in scientific journals of high impact. This attracts more and more talented students for pursuing their Ph.Ds. Select evidences of successful research projects and highlights of breakthroughs achieved: 1. Institute has developed a COVID diagnostic kit Institute has two patents awarded and many are filed in the last five years 2. Development of Small organ imaging gamma camera system 3. Development of multi modal microscope 4. Defluoridation of water by polymer metal ion nano composites 5. Knee replacements using Chondrocyte cell culture 6. Tropical microgreens- A viable answer to malnutrition in Rural India

To enhance the research output of the university, MoUs have been signed with organizations viz. Tata trust, Food and Drug Administration (FDA) USA, Herald Logic (Pvt.) Ltd., OMIX Technologies, Twastrix, MAESTRO Inc., Labby Inc. USA, Madras Diabetic Research Foundation etc. Best Practice 2 Integration of Skills development into the curriculum with grading Objectives of the Practice - Self-Reliance is a programme which is an integral part of the students life since the initial days of the Institute. It contributes to: developing in students the dignity of labour enhancing skills in areas of their choice, reinstating the philosophy of self-reliance Providing avenues to develop the students technical skills outside the scope of academics Nurturing confidence, management skills, team spirit etc., which are crucial for daily lives.

Concepts of Practice: Education is NOT for mere living, it is for life. True education should lead to wholesome personalities. Domain-expertise is only one aspect of a professional life. A HEI should shape sensitive individuals, not manufacture professionals. Providing a wide array of possibilities beyond what academics caters to helps many students not very good at academics to find their passion path in life. Context- Since every student has to mandatorily choose an activity, and it impacts their grades in Integral education, it is challenging to match skills with aptitudes. Contextually, the mens and womens campuses sometimes have tasks specific to their needs (tailoring/ embroidery etc., limited to women students). Procuring essential resources for such activities (eg. Brass band instruments, videocams etc.) without taxing the students for it, is an additional financial responsibility on the Institution.

Practice : Every Campus has a set of Self-reliance activities, from which every student has to choose one. 2 hours a week, amounting to 8 hours a month is spent on honing skills suited to the Self-Reliance programme chosen. List of courses offered are: 1. Arts and Crafts course 2. Dietary course Dramatics course 3. Hostel Maintenance course 4. Institute Brass Band course 5. Kitchen Bakery course 6. Multimedia Production course 7. Traditional South Indian Instrumental Music Training course 8. Publication course 9. Sound Engineering course Faculty members attached to each Self-Reliance programme bring in their experience wisdom to train the group. At times, experts who visit Prashanti

Nilayam also gladly share their expertise, as value addition. The display of talents abilities acquired through this practice is put on display to international audience during different occasions in the Prashant Mandir. The students are marked on 5 parameters with respect to their participation in Self-reliance (Value added courses) activities: Behaviour/ Conduct, Initiative, Leadership, Enthusiasm/ Learning, Team Player Evidence of Success Highlights of breakthroughs achieved: 1. The Institute has probably the only Womens marching brass band of the country in a HEI, capable of playing for a parade. Any video of Jan 11th - the Annual Sports Cultural Meet- will evidence this. 2. The Dramas presented on the occasion of the Institutes Convocation and a few other select occasions, are one of their kind in terms of quality of plot, script, enactment, settings etc., all of which are carried out without any professional help except that of internal faculty members. T 3. the photography, videography departments learn to handle state-of-the-art equipment, and do audio video-editing nearly like professionals. 4. All our documentaries are in-house productions. 5. Our publications wings in the Hostels have developed copyediting, DTP Book publishing skills over time. They also facilitate publication of desktop Calendars etc., using student artwork for their frames. 6. Running a Daily-needs Stores, maintaining indent, handling accounts are all skills developed through some of the self-reliance activities. 7. Meeting special dietary needs during common illnesses, providing essential first-aid, indenting for generic medicines for the Hostel Dispensary are some other activities seamlessly run by students are some other activities seamlessly run by students who opt for those self-reliance programmes.

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

<https://www.sssihl.edu.in/wp-content/uploads/2021/05/7.2.1-Best-practices.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

Sri Sathya Sai System of Integral Education (SSSSIE) Vision, Priority and Thrust To assist generations of students acquire Selfknowledge (Atma Vidya) and Selfconfidence (Atma Vishwas), so as to cultivate Selvesacrifice and earn Selfrealisation thereby moulding them into leaders who will benefit society. To mould wellrounded holistic individuals - professionally sound, socially responsible and spiritually aware - who embody noble values and a right attitude, through Educare (Integral Education based on Human Values) that caters to the physical, intellectual, emotional, psychological and spiritual dimensions of the human personality. Context Education presently has become an instrument for providing knowledge, information and skills with the sole objective to earn. The sole purpose of education has become earning a livelihood and not acquiring life skills. The worth of an educational institution is being judged by the placements and pay packages it can offer to its students. While ability to gain employment must be a natural outcome of education, if it becomes the singular, dominant objective, it clouds the higher and holistic purpose that education ought to serve- to develop responsible citizens that go on to live meaningful happy lives that impact the society and nature positively. As the Revered Founder Chancellor observed 'at present, colleges are infected with anxiety and perplexity, discontent and illdiscipline, irreverence and futility they have lost the status of temples of learning, where youth are shaped into selfreliant, contented and enterprising heroes.' He observed The crisis in educational field is well known. Many attempts have been made to bring about changes in the educational system. But it is forgotten that what gives education its true value and significance is its moral and spiritual content. In this context, Sri Sathya Sai Baba, the

Revered Founder Chancellor, had foreseen the need for values based education programme and had taken concrete steps to implement the same into a formal educational system known as SSSSIE. Practice • Revered Founder Chancellor observed educare has two aspects the secular worldly education and the spiritual. Worldly education brings out the latent knowledge pertaining to the physical world. Spiritual education brings out the inherent divinity in man. So, both worldly and spiritual education are essential, for a balanced, happy and meaningful human life. This unique model of education based on this philosophy was established on the lines of gurukula system of education of the yore, to make the students professionally sound, socially responsible and spiritually aware. The institute offers residential education that has five dimensions Intellectual, Cultural, Devotional, Physical and Service to develop the students in holistic individuals. Component of hostel life is very important facet of SSSSIE. Evidence of Success Bharat Ratna Dr. APJ Abdul Kalam, the then President of India at the 21st Convocation of the Sri Sathya Sai Institute of Higher Learning on 22.11.2002 said "the purpose of real education is to initiate a learning process that transforms students into good human beings with knowledge and value systems. Is values based education possible? SSSIHL has given an answer in the affirmative.

Provide the weblink of the institution

<https://www.sssihl.edu.in/wp-content/uploads/2021/05/7.3.1-Performance-of-The-Institution-in-an-Area-Distinctive-to-Its-Vision.pdf>

## 8.Future Plans of Actions for Next Academic Year

The quality initiatives SSSIHL that need to take in order to improve and sustain quality in teaching and research were discussed. The points that emerged from this discussion are listed below. • Central Research Instruments Facility (CRIF) and Central Research Lab (CRL) has been providing quality research work in health, energy and environment • Alignment of thrust areas of teaching and research with the vision of SSSIHL. • Since, the emphasis is going to be on quality research for societal benefits, it is required to strengthen the ongoing scientific collaborations with likeminded organizations/academic/science community both at national and international levels. • Quality initiatives by the IQAC (Internal Quality Assurance Cell) has been made for the year 2020 and 2021. • Promoting Green Initiatives and waste management in the institute. • Continued to have rain water harvesting structures and utilization in the campuses. • Collaborative work by Institute Industry Interface Cell and Applications of Science to Rural Areas (ASRA). • The SSSIHL continues to have robust quality assurance system in place through inputs received from: Department committee, Research Conferment Cell, Boards of Studies, Academic Council, Planning and Monitoring Board, Research Advisory Board, CampusHostel Management Committee and Leadership Committee. • Continue to have Faculty Training inHouse and by deputation to other External Institutions (National and International) • Extend the required support to the rural students to excel in their future endeavours. • Continue to have our Research focus on the development of efficient materials for strategic, automobile, Green building etc., applications. • Introspection Day: The Introspection Day (24th April) for faculty members happend on 24 April 2019 and where each department will discuss various issues related to academic, evaluation, admissions, research, facilities, etc. • Continued to offer services w.r.t. Village Empowerment (VEP) by all the Campuses as a quality initiative towards Best Practices of the Institute. • Contine to function of Syllabus Technical Review Committee (STRC) • Formulating and consolidating POs, PSOs and COs for all programmes and courses for uploading in the website as per NAAC's directives. • Institutional Values and Best Practices: Assessment mechanism from various stakeholders of the university Multidimensional Impact Analysis survey by students • Preparation of SSR and IIQA for 3rd cycle of Reaccreditation to NAAC and ready for submission • Designed certificate course on Yoga and Self-

Development have been made ready for implementation. • Planned to build another hostel at Anantapur Campus in 2021. • Planned to provide lifts for all the buildings and of Anantapur Campus for women in 2021. • Fire and safety equipment have been arranged for all the campuses as per norms and standards and will be made ready by 2021.