Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SYMBIOSIS INTERNATIONAL UNIVERSITY**
Name of the head of the Institution	**Rajani Gupte**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**020-28116200**
Mobile no.	**9075090280**
Registered Email	**registrar@siu.edu.in**
Alternate Email	**head_qualityassurance@siu.edu.in**
Address	**Gram: Lavale, Tal: Mulshi**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**412115**

2. Institutional Status

University	**Deemed**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Sreenath K**
Phone no/Alternate Phone no.	**002028116828**
Mobile no.	**8792811105**
Registered Email	**iqac@siu.edu.in**
Alternate Email	**head_qualityassurance@siu.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://siu.edu.in/notices/ pdf/AQAR%202018-2019.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://siu.edu.in / siu-study-faculties.php#acadMain

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.35**	**2009**	**29-Jan-2009**	**18-Jan-2016**
2	**A++**	**3.58**	**2016**	**19-Jan-2016**	**18-Jan-2021**

6. Date of Establishment of IQAC	**23-Mar-2009**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Outcome Metrics and Performance Indicator	**18-Dec-2019** **1**	**36**

(OMPI)		
Learning Management System (LMS)	14-Nov-2019 30	325
Quality Lecture series for teaching and non-teaching Staff	14-Feb-2021 15	425
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SSMC-B	A2K Study	DSIR	2019 150	1528000
SSE	Impact Evaluation study of IDF project Junnar L Pune District.	National Bank for Agriculture and Rural Development	2019 365	742000
SIHS	Unnat Bharat Abhiyan	Unnat Bharat Abhiyan	2019 365	80000
SCON	Leprosy Case detection Program	State Urban Leprosy Unit, Maharashtra	2019 365	51000
SIMS	Women Entrepreneurship Development Program	Entrepreneurship Development Institute of India (EDI), Ahemdabad under The National Science & Technology Entrepreneurship Development Board (DST), Government of India	2019 365	200000
SITM	Entreprenuership Awareness Program	Department of Science and Technology & SIDBI	2019 365	20000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File]()

10. Number of IQAC meetings held during the year :	3
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?	**Yes**
If yes, mention the amount	**1277467**
Year	**2020**

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

- **Orientation on new NAAC SSR manual for University. Criterion wise training to SIU Criterion Incharges Constituent IQAC coordinators.**

- **Facilitated in Institutionalising e-Governance initiatives both at university level and at constituent level enabling streamlined operations and to bring in efficiency and effectiveness.**

- **Institutionalised Quality Improvement cells at the constituents in order to strengthen Quality initiatives and to inculcate culture of Quality among all the stake holders. Initiation of development of new software system for revised SSR and new AQAR format- The components of revised AQAR are incorporated into Learning Management System (LMS).**

- **Facilitated in enhancing research outcomes in terms of quality and quantity through the excellence imbibed in research clusters of faculty members.**

- **Organised trainings and facilitated in implementation of OBE Mapping and subsequently facilitated in developing OBE attainment Process. Implementation of Learning Outcomes Based Curriculum Framework (LOCF)- Implementation of Learning Outcomes Based Curriculum Framework (LOCF) has been done; Course Outcomes (COs) and Program Outcomes (POs) are identified at each constituent institute through faculty informed review. ii) Faculty were orientated during objective mentoring sessions to facilitate comprehension of concept of COs & POs. iii) Learning Management System (LMS), a specific software to digitise COs & POs practices has been implemented."**

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

Plan of Action	Achivements/Outcomes
To Procure Letter of Permission (LoP) from Medical Council of India and start the medical college from the Academic Year 202021	Letter of Permission received from MCI during Feb 2020 and SMCW is scheduled to start its academic session from the year 202021.
To increase the number of SWAYAM courses	4 SWAYAM proposals have been sent for approval during Jan 2020-CEC (UGC) approval awaited. 3 SWAYAM proposals are ready; sample video processing access from CEC (UGC) awaited.
To strengthen the Innovative Ecosystem, increase high impact research and thereby increase the Patents.	Exponential increase in the Status of Patents for period of July 2019-to June 2020 as compared to previous year
External Funded Research projects (Govt and Non-Govt).	There is good increase in number of funded projects (Govt and Non-Govt). (approximately 40% growth) for the period of 2019- 20 in comparison to the previous year.
To conduct training and development programs on Quality Management Systems.	1. Quality Lecture series-1 (QLS-1) have been started for all the faculty, non-teaching staff and students a. QLS-1 for faculty and students at respective 10 constituents. b. QLS-1 for Non-Teaching Staff-Zoom sessions-4(Online Sessions organised).
Increase student participation International competitions	Several students from Symbiosis Law School Pune and Noida participated in International Moot competitions and won awards.
Provide for Smart Class rooms in all Constituent Institutions and Information Kiosks & Integrated digital podiums	Identified classrooms in each constituent are converted into Smart Classrooms.
Implement Asset and Inventory Management System (AIMS)	Work in Progress
To establish Department of Quality Management & Benchmarking (QMB) with an overall objective of institutionalizing Quality Culture in entire University.	QMB established
Conduct Health Awareness Programs, Multidiagnostic and Therapeutic Camps in adopted villages by SMCW-SUHRC in association with SCOPE	Ongoing; SMCW-SUHRC-SCOPE
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
BoM	19-Feb-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	20-Jun-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Yes, The Institution has a Management Information System. The Management Information System has been institutionalized extensively implemented through its eGovernance initiatives and the university stands to be paperless in terms of operations of HR, support services, Purchase, Finance, Academics, Research, Examination, Student feedback system, etc. Following are the various modules of institutional MIS: 1. Human Resources Management Portal 2. Performance Appraisal Report (PAR) 3. Finance Management System 4. Purchase and Inventory Management 5. Learning Management System (LMS) 6. Student portal management 7. Faculty Management System (FMS 8. Outcome Metrics and Performance Indicator (OMPI) 9. Campus Management System. 10. Alumni Engagement System (AES) 11. EduWiz 12. MIS and DIS Portal

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
BA LLB	10223	LLB	01/06/2019
LLB	10222	LLB	01/06/2019
MBA	20141	MBA	01/06/2019
LLM	10143	LLM	01/06/2019
MBA	20143	(Innovation and Entrepreneurship	01/06/2019

BCA	30121	Computer Science	01/06/2019
BSc	40122	Radiotherapy	01/06/2019
BSc	40621	Culinary Arts	01/06/2019
MA	50144	Mass Communication)	01/06/2019
BA	80121	Design	01/06/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
LLM	-	01/06/2019	Public Health Information System	29/11/2019
BA LLB	Law	01/06/2019	Decoding the Genetically Modified	22/08/2019
BBA	-	01/06/2019	Environmental Studies: Our Common Earth	22/08/2019
MBA	Infrastructure Development and Management	01/06/2019	Logic Designing and Research techniques in Python	22/08/2019
BA	Liberal arts	01/06/2019	German B-1.1 - Paper 6	22/08/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MBA	Infrastructure Development and Management	01/06/2019
BArch	-	01/06/2020
BDes	-	01/06/2019
MSc	Data Science & Spatial Analytics)	01/06/2019
MBA	(Digital and Telecom Management	01/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System

LLM	-	29/04/2019
BBA	-	29/04/2019

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
Guest lecture Series	02/06/2019	1016
Guest lecture Series	18/08/2019	1000
Guest lecture Series	31/07/2019	2000
Lifelong Learning Skills (LLS)	02/07/2019	2040
Orientation Programme	01/08/2019	100
Orientation Programme	01/08/2019	95
Workshop Series	13/11/2019	524
Workshop Series	08/09/2019	1000
Workshop Series	17/09/2019	1000
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	Operations Management)	125
MBA	Operations Management)	122
BA LLB	Honours	157
BSc Nursing	Nursing	42
BCA	Computers	69
MA	International Studies	29
MSc	Applied Statistics	63
MBA	Business Analytics	46
MSc	Geoinformatics	48
LLB	Law	57
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

A. Structured feedback about faculty performance is obtained from all students once in every 6 months based on various parameters such as the delivery of course content, ability to make the student comprehend and student-centric approach, focus on the relevance of the topic to employability, and post session mentoring. B. The student feedback is also obtained during the directors open house with the students and special interactive sessions arranged by the IQAC are also used for seeking feedback. The feedback so obtained is analysed and the faculty found to be having poor feedback are informed to bring about the objective modifications for making their Pedagogy sessions more effective. The senior faculty are encouraged to mentor such faculty. Further need-based training sessions are conducted to enhance teaching and learning technics. 2. Teachers Structured feedback about the course content is obtained from faculty and the contents of the course are discussed in the Programme review committee before sending it to the board of studies for updation. B. Feedback regarding the overall quality of students is also obtained from the faculty. This feedback is used to counsel the students. 3. Employers A. The employer's feedback is obtained during the corporate interaction program. Director gets feedback regarding contemporary areas of importance and upcoming technologies from the perspective and existing employers. This feedback is used to update the curriculum and arrange guest lectures/training in industry-relevant areas. Employers are given representation in BoS sub-committees and program structure committee B. Feedback is also obtained from the employers visiting the campus during placements. This feedback is used to understand the expectation of the existing employers and what the institutions need to do to match the expectations. This feedback could be related to the quality of students, curriculum, missing skills, etc. These changes are incorporated in enriching the existing curriculum and strengthen these employability skills among students through value-added programmes, industry interaction, seminars, internships, etc. 4. Alumni Feedback is obtained from the Alumni during alumni meets conducted in various parts of India. This feedback is utilized for course revision and content updation. 5. Parents The feedbacks are obtained from the parents of students of UG programs during parent-teacher meetings to seek input on the value system expected to be an effective family member and community member. This feedbacks are used during holistic development programs conducted by various institutes.

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
B.A.LL.B.	Laws	60	596	86
LLM	Laws	20	60	18
MBA	International Business	120	14705	126
MBA	Banking and Finance	60	4249	93
MSc	System Security	30	99	15
B. Des.	Design	60	70	36
BSc	Medical Technology	120	268	90

BSc	Culinary Arts	60	613	70
MSc	Nutrition & Dietetics	45	207	41
MA	International Studies	30	157	19

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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	12072	6899	108	243	220

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
571	684	30	345	69	36

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 University provides for mentoring of students for both academic and non-academic related issues. The University mandates this as part of its commitment to help first year students adjust seamlessly into their new academic environment. For many students, it is a totally new experience as they have also relocated to a new city. Mentoring is a healthy way to help students acclimatize to their new home. Institutes offer a Mentor Mentee Program where each student is given a faculty mentor who is supposed to be the first point of contact if the student encounters any issue in their academic or non- academic life. Institutes have a Buddy Program (initiated and managed through the international office, SCIE) for international students as international students grapple with issues of a new culture/geography/language, etc. (in addition to the regular adjustment issues other Indian students have). This Mentor Mentee Program offers advice, guidance and counselling to students on academic matters, health/well-being, co/extra-curricular issues, career opportunities, etc. Individual faculty are assigned specific students for mentoring. Periodic meetings are held for interaction and feedback. Faculty mentors are expected to be like elders in the lives of their students and guide them as and when required. Institutes are given complete freedom to formulate their own way of interacting, meeting and mentoring students. All the constituent institutes/departments have their policy in place for mentoring. All faculty , except those who are deputed to various departments of the University, are appointed as either mentors or co mentors. Details including the frequency of contact, roles and responsibilities of the mentors are articulated by the institutes themselves.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
18971	571	1:27

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with

positions			the current year	Ph.D
714	571	143	51	430

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Shrirang Altekar	Professor	Academic Leader Award
2019	Dr. Abhijit Deshpande	Assistant Professor	Member, Senior Selection Committee , Ranji Trophy and Under 23 National Tournment
2019	Dr. Bhama Venkataramani	Dean	Nominated to interact with the partners of the VITA Global Project- Modularization of Curriculum to promote flexibility and internationaliz ation.
2019	Dr. Shashikala Gurpur	Director	Distinguished recognition to address the Global Law Deans Forum organized by International Association of Legal studies(ILAS) at the University of Gdansk, Poland
2019	Prof. Priyanka Majumdar	Assistant Professor	Recognition received for participation in the Regional Consultation on Law Review of Sexual Harassment of Women at Workplace Act and Women Property Rights by National Commision for women
2019	Dr Pravin Kumar	Professor	Awarded by Company Secretaries of India for Innovation for facilitating programmes for the students of the CS profession

2019	Dr. VinayKumar Rale	Director	Distinguished recognition as a Fellow of Indian Academy of Biomedical Sciences
2019	Dr Vandana Sonwaney	Director	AIMS International Outstanding B-school Director Award for her significant contribution towards Management education
2019	Barry Rodrigue	Professor	Distinguished recognition as Member Executive Committee of the International Big History Association, USA
2019	Mr.Harshad Shrihari Gune	Associate Professor	Distinguished recognition as a member of OSI Emeritus Members, Open Source Initiative Board, an International organization
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc (AS)	60641	Apr-20	28/09/2020	17/10/2020
BSc (ECO)Hons.	60222	Apr-20	28/09/2020	16/10/2020
MBA	20341	Oct-19	07/11/2019	06/12/2019
LLM	10143	Oct-19	13/11/2019	14/12/2019
LLB	10122	Oct-19	26/11/2019	27/12/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
30	18432	0.16%

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://aqar.siu.edu.in/sites/default/files/aib/images/261_Weblinks%20of%20the%20Programme%20outcomes%20of%20all%20programmes.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
30142	MSc (CA)	COMPUTER APPLICATIONS	38	34	89
30121	BCA	Nil	89	71	80
20621	BBA	Nil	303	252	83
20342	MBA(IM)	INFRASTRUCTURE MANAGEMENT	44	44	100
10122	LLB	LAW	60	60	100

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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://siu.edu.in/pdf/Final%20Student%20Satisfation%20Survey%202019-20.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	Ms. Mugdha Mujumdar	Indian Fellow of in SIG2019	03/09/2019	InSig2019. IEEE
International	Dr.Shashikala Gurpur	Eurasia Project	09/04/2020	Sofia University
International	Dr. Bindu Ronald	Erasmus Capacity Building in Higher Education, project	27/02/2020	University of Ioannina, Greece
National	Dr. Saikat Gochhait	Summer faculty research program -2020(online)	31/08/2020	Indian Institute of Technology Delhi
National	Dr.Madhura Ingalhalikar/Ms Apurva Shah	SPARC Project	13/05/2019	MHRD - SPARC

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
Project Assistant	6	Symbiosis International (Deemed University)
SIU-JRF	12	Symbiosis International (Deemed University)
Non-SIU-Junior Research Fellow	12	Science and Engineering Research Board (SERB), DST, Govt. of India
Non-SIU-Junior Research Fellow	3	LSRB of Defence Research Development Organisation
Field Investigator	4	Indian Council of Social Science Research (ICSSR)

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
Student Research Projects(Other than compulsory Univ Projects	365	SIU & SCRI	450000	359000
International Project	365	Macquaire, Bournemouth Univ. HEC UK, ERASMUS,Univ of Barcelona etc.	26095000	11699000
Projects sponsored by the University	365	Symbiosis International (Deemed University), (Symbiosis Center for Research Innovation)	42485000	40019000
Industry sponsored Projects	365	Wissenkraft Labs Pvt. Ltd. , Varsha Multi Tech, Huvepharma SEA (Pune) Pvt. Ltd.	4764000	1682000
Minor Projects	365	Indian Institute of Technology Delhi (IIT-Delhi), Entrepr eneurship	7867000	3361000

		Development Institute of India (EDII), The Automotive Research Association of India, Swechha -We for change foundation, ICSSR New Delhi, National Bank for Agriculture and Rural Develo			
Major Projects	365	National Law School of India University, Indian Council of Social Science Research (ICSSR), Delhi, Indian Council of Social Science Researc h-(ICSSR- IMPRESS), Department of Biotechnology (DBT) ,Govt. of India, Ministry of Science Technology, Department	51805000	22503000

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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
IPR Awarness Seminar	SIT	22/01/2020
IPR Workshop for Faculty	SIOM	03/02/2020
Faculty Development Programme on Cloud in Association with IBM	SICSR	03/10/2019
Patent Law - In Collaboration with Penn State Law, Pennsylvania State University	SLS-N	03/09/2019
IOT in Agriculture and Smart farming	SIIB	20/07/2019
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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
Academic leader of Ideas and Innovation in Educational ventures	Prof. (Dr.) Shrirang Altekar	3rd Asia pacific Educatio and Technology Awards, ASSOCHAM	10/02/2020	Teacher
Amity Excellence Award for Best Faculty in the area of Marketing	Dr. Debarun Chakraborty	AMITY University, NOIDA	20/02/2020	Teacher
INDAM- Best paper of track award	Dr. Shaktibodh Bhatnagar and Dr. Debarun Chakraborty	IIM Tiruchirappalli	18/03/2020	Teacher
Best Paper Award	Dr. Dhanya Pramod , Divij Bajaj	MIT-WPU Pune, National Level Students Research Conference	28/02/2020	Teacher, Student
Reviewer for a journal	Dr. Debarun Chakraborty	Journal of Hospitality and Tourism Insights	23/11/2019	Teacher
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Symbiosis Centre for Entrepreneurship and Innovation	Symbiosis Centre for Entrepreneurship and Innovation	Department of Science and Technology	Zillions Hub Pvt. Ltd.	Private Limited	20/05/2019
Symbiosis Centre for Entrepreneurship and Innovation	Symbiosis Centre for Entrepreneurship and Innovation	Department of Science and Technology	Taral Infotech Pvt. Ltd.	Private Limited	08/08/2019
Symbiosis Centre for Entrepreneurship and Innovation	Symbiosis Centre for Entrepreneurship and Innovation	Department of Science and Technology	Khabya Infratech Pvt. Ltd.	Private Limited	12/08/2019
Symbiosis Centre for Entrepreneurship and Innovation	Symbiosis Centre for Entrepreneurship and Innovation	Department of Science and Technology	PLCT Technology Pvt. Ltd.	Private Limited	21/08/2019

Symbiosis Centre for Entrepreneurship and Innovation	Symbiosis Centre for Entrepreneurship and Innovation	Department of Science and Technology	Metafix Ortho Private Ltd.	Private Limited	28/08/2019
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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
Computer Studies	8
Engineering	12
Health Sciences	21
Humanities Social Sciences	5
Law	6
Management	23
Media and Communication	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	SCRI	244	1
International	SCRI	569	1
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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
Symbiosis Institute of Business Management, Pune	32
Symbiosis Centre for Management Studies, NOIDA	36
Symbiosis Institute of Computer Studies and Research	37
Symbiosis Institute of Management Studies	38
Symbiosis Institute of Technology	52
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
AC/AC converter for conversion between three phase and single phase power supplies	Published	CN105765846 (B)	19/07/2019
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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
Ultrasonic spectroscopic analysis of impact damage in composites by using laser vibrometry	Derusova, Daria Vavilov, Vladimir Sfarra, Stefano Sarasini, Fabrizio K rasnoveiki n, Vladimir Chulkov, Arsenii Pawar, Sachin	COMPOSITE STRUCTURES	2019	14	[Derusova, Daria Vavilov, Vladimir Chulkov, Arsenii] Tomsk Polytech Univ, Savinykh St 7, Tomsk 634028, Russia [Derusova, Daria Kras noveikin, Vladimir] Russian Acad Sci, Inst Strength Phys Mat Sci, Siberian Branch, Ak ademichesk ii Av 2-4, Tomsk	14
Trehalose Conjugatio n Enhances Toxicity of Photose nsitizers against My cobacteria	Dutta, Amit K. Choudhary, Eira Wang, Xuan Zahorszka, Monika Forbak, Martin Lohner, Philipp Jessen, Henning J. Agarwal, Nisheeth K ordulakova , Jana Jes sen- Trefzer, Claudia	ACS CENTRAL SCIENCE	2019	5	[Sarmah, Dipti Kapoor Kulkarni, Anand J.] Deemed Univ, Symbiosis Inst Technol Symbiosis Int, Pune 412115, Ma harashtra, India [Kulkarni, Anand J.] Univ Windsor, Odette Sch Business,	5

					401 Sunset Ave, Windsor, ON N9B 3P4, Canada	
Evaluating the implic ations of STAKEHOLDE RS role towards su stainabili ty of higher education	Srivastava A.P., Venkatesh M., Yadav M.	Journal of Cleaner Production	2019	33	Symbiosis Institute of Business Management -Pune, Symbiosis Internatio nal (Deemed) U niversity, Pune, Maha rashtra 412115, India Department of Strategy and Entrep reneurship Montpellie r Business School, France Jindal Global Business School, O.P. Jind	3
Transfor ming healthcare with big data analytics and artificial intelligen ce: A systematic mapping study	Mehta N., Pandit A., Shukla S.	Journal of Biomedical Informatic s	2019	15	Symbiosis Internatio nal (Deemed Un iversity), Pune, India Chellaram Diabetes Institute, Pune, India Symbiosis Statistica l Institute, Symbiosis Internatio nal (Deemed Un	15

| IoT based intelligent health surveillance alert system with fault prediction using machine learning | Pandya S., Desai R., Pathak D., Kotecha K. | International Journal of Advanced Science and Technology | 2019 | 1 | Department of Computer Science Engineering, SIT, Symbiosis International UniversityMaharashtra, India Department of Computer Science Engineering, Navrachana University, Vadodara, Gujarat 391740, India Computer Engineering Department, AVPTI, Gu | 1 |

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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
Conditional silencing by CRISPRi reveals the role of DNA gyrase in formation of drug-tolerant persister population in Mycobacterium tuberculosis	Choudhary E., Sharma R., Kumar Y., Agarwal N.	Frontiers in Cellular and Infection Microbiology	2019	18	15	Translational Health Science and Technology Institute, NCR Biotech Science Cluster, Faridabad, India Symbiosis School of Biological Sciences,

						Symbiosis International (Deemed University), Pune, India
A detailed study of magnetization and magnetoelectric effect in P(VDF-TrFe) based SmFeO3 nanocomposites	Ahlawat, Anju Khan, Azam Ali Deshmukh, Pratik Tripathi, Malvika Shirolkar, Mandar M. Satapathy, S. Choudhary, R. J. Karnal, A. K.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	16	2	[Fernandes, Sophia Tembe, Shruti Kale, Vaijayanti Limaye, Lalita] Univ Pune Campus, Natl Ctr Cell Sci, Stem Cell Lab, NCCS Complex, Pune 411007, Maharashtra, India [Singh, Sanjay Vardhan, Shakti] Armed Forces Med Coll, Dept Obstet Gynecol, Pun
A Consumer-Based Smart Home with Indoor Air Quality Monitoring System	Patil, Kailas Laad, Meena Kamble, Aakash Laad, Shivani	IETE JOURNAL OF RESEARCH	2019	16	2	[Ghosh, Munmun] Symbiosis Int Univ, Symbiosis Inst Media Commun, Pune 412115, Maharashtra, India
Evaluating the implications of STAKEHOLDERS role towards sustainability of higher	Srivastava A.P., Venkatesh M., Yadav M.	Journal of Cleaner Production	2019	18	3	Symbiosis Institute of Business Management -Pune, Symbiosis International

education							(Deemed) University, Pune, Maharashtra 412115, India Department of Strategy and Entrepreneurship Montpellier Business School, France Jindal Global Business School, O.P. Jind
IoT based intelligent health surveillance alert system with fault prediction using machine learning	Pandya S., Desai R., Pathak D., Kotecha K.	International Journal of Advanced Science and Technology	2019	18	1		Department of Computer Science Engineering, SIT, Symbiosis International UniversityMaharashtra, India Department of Computer Science Engineering, Navrachana University, Vadodara, Gujarat 391740, India Computer Engineering Department, AVPTI, Gu

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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	150	255	13	389

Presented papers	240	70	12	10
Resource persons	32	63	2	15

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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)
Symbiosis Centre for Information Technology	Train The Trainer Workshop on Introduction to SAP S/4HANA using the Global Bike Inc (GBI) Dataset	SAP Asia Pte Ltd. Mr. Crispian Tan, Senior Director Mobile: 65-96670606 Mobile: 84 938 995 138	355000
Symbiosis Institute of Operations Management, Nashik	Supply Chain Excellence	GE India Industrial Pvt Ltd 9960265240 Contact Email id- Priyanka.Bhengra@ge.com	946000
Symbiosis Institute of Technology	Consultancy on Road Construction Safety and post COD for O M Phase Pune Solapur NH-9	National Highway Authority of India (NHAI) Phone: 91-011-25074100 25074200	702000
Symbiosis Institute of Business Management, Pune	Finance for Non Finance	Hindustan Petroleum Corporation Limited - 022 2286 3900	700000
Symbiosis Institute of Business Management, Pune	Consultancy for Finance Employee	Infosys Limited - 020 2293 2800	626000

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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
Symbiosis Center for Corporate Education	Executive Post Graduate Diploma in Business Management - Finance	Wipro Ltd - 020 3028 6664	7703000	165
Symbiosis Center for Corporate Education	Executive Post Graduate Diploma in Business Management	Godrej Properties Ltd. 022 6153 6000 Citius Tech Healthcare Technology Ltd - 022 6153 6000	7390000	174

Symbiosis Center for Corporate Education	Executive Post Graduate Diploma in Business Management – Notch Up	Wipro Ltd – 020 3028 6664	4400000	118
Symbiosis Institute of Management Studies	Real Estate Construction Management	Institute of Real Estate Finance (IREF) 098227 51977	2720000	14
Symbiosis Center for Corporate Education	Executive Post Graduate Diploma in Business Management	Khimji Training Institute, Oman 968 24-613521	2710703	24
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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
Wari Medical Service	Sheela Raj Salve Memorial Trust, SIHS, SCON, SIMC	10	667
Organ Donation drive in the villages	I Gift Life	3	65
Social Media Post	I Gift Life	2	19
NGO connect app	Seva Seheyog	1	5
Visit to Garade Village to Study the rainwater conservation measures taken up by the village	Paani foundation	1	4
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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
Social Engagement with NGO	Project Associate	Jingo Foundation	1
Social Engagement with NGO	Internship	Sense International India	1
Project Baala- Baala menstrual awareness workshops	BAALA TRAINER FELLOWSHIP	Baala- NGO	1
Social Engagement	Volunteer	Samarthanam Trust	1

with NGO		for Disabled		

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	SSIS	Swachhata Pakhwada	1	37
Outreach Programme	Symbiosis Centre for Management and Human Resource Development	Tree Plantation	3	75
National Health Program	SCON and District AIDS prevention and control	AIDS awareness program	5	141
Service Learning	SCMS-P together with two other organising units - 1. Climate Reality ,2. Spherule Foundation	SLC - SERVICE LEARNING	19	325
Health, Fitness and Nutrition awareness	Swaroop Wardhini NGO	Nutrition and Health awareness activity	1	40

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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
Academic Training	"Abhiraj Kumar Tapas Kumar Saha; Abhishek Rakesh Mohanty;Akash; Alankar Mishra; Athul P; Avijit Das;Badam Dheeraj;Bahare Kapil Bapu; Bhumika Grover; Chitransh Bushal; Choudhary Tejas Jagdeesh; Dibyashree Ghosh; Harsh Kumar Sengar; Harsha Dutta; Jyot	AWS, Educate Program Manager - India	6
Research Recognition	Dr. Durgambini Patel	Dept. of Law, Savitribai Phule	720

Academic Matter	"External Member: Prof. (Dr.) P. Ishwara Bhat Internal Members: Dr. Shashikala Gurpur Dr. Bindu Ronald Dr. Chandrashekhar Rawandale Dr. Sarfaraz Ahmed Khan Dr. Prag	West Bengal National University of Juridical Sciences, Kolkata Prof. (Dr.) P. Ishwara Bhat - External Member Ex Vice-Chancellor Email: ishbhatp@gmail.com	180
Live Project	Dr. Ruby Chanda And Dr. Vanashree Pabalkar	Company Name- Igift life Ltd Contact-Tel :901132370 Email- contactilife.com Address- Viman Nagar Pune -14	180
Consultancy	Dr Vanishree Pabalkar	Company Name- PMC Pune Contact-Tel :98819 50446 Email- punejankalyantrust@ gmail.com Address- M1/7, Nisarga Housing Society, Golf Club Road, Yerwada, Pune, Maharashtra	180

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 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
Mobility Grant	Mobility Grant	UKIERI Mobility Programme	01/05/2020	30/06/2020	1
Internship	Summber Internship	Insplore consultants	06/04/2020	30/05/2020	1
Industry Project	Summer Internship	COLGATE GLOBAL BUSINESS SERVICES PRIVATE LIMITED, 022 6178 3000	01/04/2020	31/07/2020	1

Industry Project	Summer Internship	Codec Networks Private Limited, 011 43752299, 9970736640, 099716 76124	01/04/2020	30/06/2020	19
Student Internship	Corporate Internship	PAX Edutainment Pvt Ltd and PAX Mauritius Ltd	01/04/2019	28/05/2020	19

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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
AACSB	04/09/2019	Seminar	30
KPMG	29/08/2019	Student Internship	221
CMT	21/11/2019	Student Scholarship through CMT	25
KPIT	19/06/2019	Working on building the M Tech curriculum for batch 2020-22 the curriculum draft has been submitted to KPIT for approval	25
ISACA, HQ, USA	28/08/2019	CSAM 2019	212

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
134157.06	88681.9

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Campus Area	Newly Added
Class rooms	Existing
Class rooms	Newly Added
Laboratories	Existing

Laboratories	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha	Fully	18.11	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	315822	196160816	10947	9360193	326769	205521009
Reference Books	56650	103605943	3962	10392129	60612	113998073
e-Books	187864	6918046	33714	1814752	221579	8732798
Journals	714	7142709	-46	65403	668	7208112
e-Journals	74418	970751	23635	675290	98053	1646041
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Ms.Trupti Kokate	Introduction – Law and Justice in globalising world Part II	Institutional LMS	04/10/2019
Mr. Hitesh Patole	Food And Beverage Service. Part II	Institutional LMS	13/11/2019
Mr. Akshay Revekar	Software skill development	Institutional LMS	04/11/2019
Dr. Asmita Chitnis	Business Statistics	For Institutional LMS	14/11/2019
Dr. Nivedita Fadnis	History of Architecture Culture- Greek Architecture	Institutional LMS	18/07/2019
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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	5774	80	2691	0	0	0	0	2691	0
Added	1171	5	2024	0	0	0	0	2024	0
Total	6945	85	4715	0	0	0	0	4715	0

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

4715 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
All-in-one PCs	https://cnvrepository.s3.ap-south-1.amazonaws.com/siu_repository/T04687651_Dr._Shrirang_Altekar-Entities_in_Shopper_Marketing.mp4
Lecture Capturing System, Mixing equipments and softwares for editing. Office 2019	https://www.sccmhrd.edu_/aboutus#infrastructure
For institutional LMS	https://cnvrepository.s3._ap-south-1.amazonaws.com/siu_repository/T050175104_Recording__4._mp4
Design and Analysis of Algorithm	https://cnvrepository.s3.ap-south-1.amazonaws.com/siu_repository/T006824616_3_Insertion_sort-c.mp4
ERP BPR phases	https://cnvrepository.s3.ap-south-1.amazonaws.com/siu_repository/T016671569_BPR_Phases_andteams.mp4
Web Development using CMS	https://cnvrepository.s3.ap-south-1.amazonaws.com/siu_repository/T029181769_T029182640_Content_Types_Example.mp4
Web Technologies	https://cnvrepository.s3.ap-south-1.amazonaws.com/siu_repository/T029181339_Web_Technologies_1.mp4
Senses Smart Panel with Lecture Caputring Software (4)	https://wwww.symlaw.ac.in/infrastructure#

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
1045919617	790887893	4692516295	4400793568

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory,

library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The University and its constituent Institutes have centralized policies and procedures laid down for creation, enhancement and upkeep, and further maintenance of all physical infrastructure. All these procedures are complied with for optimum utilization and proper maintenance of resources and facilities on campuses. These policies address issues like the creation of infrastructure, enhancement of infrastructure, record-keeping, physical verification, depreciation, insurance, upkeep and maintenance, phasing out, obsolescence, and writing off. All Institutes make provisions for enhancing the infrastructure in their budget and then procure the equipment from the budget allocation. Dedicated in charges from each functional department operate on these SOP (Standard Operating Procedures) exclusively for facilities/ infrastructure maintenance and upkeep of the above facilities. Campus Administration Office headed by a Campus Administrator (for every campus) along with their team ensures hassle-free and smooth functioning of all academic and support related physical facilities at all times. They take care of the following: housekeeping, cleanliness, pest control, mosquito control, maintenance of buildings, lawns, green areas, landscaping, general lighting, and the security of the campuses. The housekeeping and the security services available on the campuses are outsourced. The upkeep of the campus CCTV surveillance cameras and any other security equipment is looked after by the Campus office through AMC's / or via the equipment providers. Campus Offices also supervise regular maintenance of academic and support infrastructure facilities like classrooms, laboratories, libraries, sports facilities, hostels, cafeterias/ mess, etc. For efficiently executing all these functions, adequate staff (such as mechanics, electricians, plumbers, and carpenters) is provided to the Campus Administrator office. Equipment and materials required for maintenance are made available as per their need and suggestions for improving the quality of the services and facilities each campus offers. Proper staffing and procedures are put in place for the upkeep of campus utilities like Sewage Treatment Plants (STP), Water Treatment Plants (WTP), recycling, and renewable energy sources like solar energy/biogas plants, and rain-water harvesting systems through preventive, periodic and corrective maintenance. The maintenance of all the above utilities and the electrical power distribution system and other electrical resources are ensured through preventive maintenance schedules and any guidelines from the equipment supplier. Annual Maintenance Contracts (AMC's) for all major IT equipment, civil facilities, DG sets, elevators, fire safety systems, water tank cleaning, and drinking water testing, etc. have been outsourced to approved vendors for routine maintenance. Every constituent Institute has a dedicated IT technical team to handle scheduled and corrective in-house maintenance and repairs of IT equipment/ assets in the laboratories, classrooms, IT resources utilized for teaching-learning purposes, and the resources allocated to staff and faculty. These assets primarily include laptops, desktop computers, printers, scanners, other IT peripherals, and teaching aids like LCD Projectors, PA Systems, and Wi-Fi, etc. The policies pertaining to purchases, maintenance, and proper disposal of IT infrastructure, networking upgrades, and requirements across all campuses are centrally regulated by Head- IT (University). The IT staff across all campuses of the University maintains/manages all the hardware and software as per https://siu.edu.in/IQAC/policies-and-manual.php

https://siu.edu.in/IQAC/policies and manual.php

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	**Global Immersion Program Scholarship, Meritorious Students Scholarship – Law, Meritorious Students Scholarship – Management, Scholarship Awarded by Constituent Institutes of SIU, Scholarship Awarded by SIU - Post Graduate**	1636	186734642
Financial Support from Other Sources			
a) National	**Prime Ministers Special Scholarship Scheme AICTE – JKPMSS, Lila Poonawala Foundation, Tata Education and Development Trust , Ishanya Foundation, Mukul Madhav Foundation(MMF)**	132	12716428
b)International	**Afghanistan Embassy, Bhutan Embassy, Nepal Embassy, SPDC Scheme, Syria Embassy.**	182	89100921
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Courses	**12/04/2020**	167	**Coursera, Udemy , MediaMath**
Softskill development	**04/08/2019**	40	**Toastmasters club**
Capacity development through Workshop Conference- The Capstone Business Workshop:- 10 11 July 2019	**10/07/2019**	136	**BusinessThink Learning Solutions**

| Language and communication skills | 07/08/2019 | 78 | ELTIS |
| Automation Service Excellence Placement Guidance_Mock Interviews | 14/12/2019 | 136 | Pankaj Manchanda, Principal Consultant, InfoSys |

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	CFA, CAPM	4	332	4	272
2019	Community Health Officer under District Health Mission	3	40	3	3
2019	Lumiere: Making the most of your MBA Journey	Nil	180	Nil	180
2019	Career counselling	3	116	Nil	152
2019	Mock PI - Career Counselling	73	56	Nil	56

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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
1	1	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Citigroup, ZS Associates,	445	445	PAC, TISS, Talento Consultancy,	123	122

Marketysers, Kingfish, Quality Council of India, GME, Morgan Stanley, SG Analytics			Galytix Analytics		

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Des	Fashion Design	Glasgow Caledonian University, London, UK	MSc Fashion and Lifestyle Marketing
2019	1	BA(Mass Communication)	Media, Communication and Design	IMT, Ghaziabad	PGDM CORE
2019	1	B.A. LL.B.	SLS,Noida	Pennsylvania State University, USA	L.L.M. Degree Programme
2019	1	B.B.A.LL.B	SLS	Maastricht university netherlands	L.L.M. Degree Programme
2019	1	BBA	SCMS, Pune	University of Manchester	M.Sc.

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

Items	Number of students selected/ qualifying
NET	17
SET	1
GMAT	3
GATE	7

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

Activity	Level	Number of Participants
Joker Unveil- Buzz for Heat check	National	100
Group Dance	International	103
Symulate Combined Events	International	52

APD Farewell	National	150			
Bonfire Night	InstituteLevel	516			

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	2nd prize Group Dance	International	Nil	1	18020621080, 18020621335	Saurav D, Alphonse J,Ansh M, Nitesh K, Roohi P, Sanya S, Sheryl N, Shourya C,
2019	2nd prize in Fashion Show	International	Nil	1	19020621355, 19020621195, 19020621259, 19020621244, 19020621362,	Arshiya Joshi, Srinidhi Shekhar,Khushi Saluja,Priyanka Chandani,Palak
2019	2nd prize Vissionaire Company	National	Nil	1	19020621331, 19020621186	Shlok Bhagwat & Sesha Sai
2020	Winner Ushus 2019-Mahler (the HR Event)	National	Nil	1	18020841096	Akanksha Gupta
2019	ATHLETICS 200m	National	1	Nil	19021321025	Avnee Akkewar

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

Every constituent of SIU has a student council/body, which is elected and or nominated. In addition, there are various student committees/cells/clubs. SIU believes in the holistic development of its students and achieves the same through a number of curricular, co-curricular, and extracurricular activities. Most of these activities are student-driven wherein the students are involved in planning, designing, implementation, and organizing of these activities under the guidance and mentoring of faculty in charge. This helps in developing their leadership skills. · The core team of each committee/cell/club comprises of senior and junior students. More than 1000 students are involved in these

student bodies. Additionally, there are committees mandated by the UGC/university, such as Anti-Ragging, IQAC, IC, Grievance Redressal, Campus Health Advisory Committee, sports, a library that have student representatives. · These students are drawn from institute councils/bodies and work as a medium between faculty and students. They motivate other students to take part in the activities conducted by the Institute. Students are selected for various roles on academic and administrative bodies after an assessment of their capabilities by the faculty. · Committees are formed to guide and organize the activities in several areas, some of them are listed below: Table: Institute Student Committees Sr.No Committees Details of activities 1 Anti-ragging Awareness creation to curb the menace of ragging 2 Mess Finalizing menu, representing issues to management 3 Event Management Conceptualization and management of events (Inter Intra) 4 Library Committee Suggest learning resources 5 Admission Committee Handling aspirants related inquiries and helping with the admission process 6 Alumni Committee Networking and establishing contacts, organizing alumni meets 7 Social Responsibility Committee Service learning, conducting a community outreach programme 8 Crisis Management Committee Participating in resolving the crisis, representation of any issues to management 9 E Cell Committee Conducting workshops related to entrepreneurship 10 Corporate Interface Committee Networking and establishing contacts 11 Environmental Consumer Protection Committee Spreading awareness and instilling consciousness related to the environment, conducting activities 12 Research Scholastics Committee Conducting research, writing research papers/ working on publications 13 Academic committee Conducting activities like- quizzes, debates, presentations, seminars. 14 Internal Quality Assurance Cell Represent student inputs and events 15 Campus Health Advisory Committee Participate in resolving health-related issues 16 IT Committee Provides IT support as and when required 17 Cultural Committee Ensures active participation in extra-curricular activities from students, organizing events. 18 Accommodation Committee Facilitates stay arrangements of guests, speakers, visiting faculties 19 Media PR Committee Brand Building and Promotion by initiating various activities. 20 Catering Committee Assisting in organizing catering facilities for any event/speaker/ dignitaries. 21 Sponsorship Committee Assisting in getting sponsorships for event/s. 22 Current Affairs Committee Create the information database, Circulation of news 24 Sports Committee Organizing and handling sports activities 25 Travel committee Assisting with travel arrangements for events 26 Placement Committee Identify, approach, and inviting companies for placement. 27 Administration Committee Providing administrative support for all activities

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No Data Entered/Not Applicable !!!

5.4.2 – No. of registered Alumni:

5496

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

9267501

5.4.4 – Meetings/activities organized by Alumni Association :

Homecoming event Alumni Meet guest lectures seminar workshop by alumni. Grand Alumni Meet Career Opportunities and Preparations for employment with Judiciary, PSUs and Allied Sectors Key note address On job support workshops

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)

Two practices of a decentralization and participative management are outlined below: 1. Title: Planning and executing the Advertising campaign for the Post-Graduate Admissions through the common All -India Entrance Exam: Symbiosis National Aptitude Test (SNAP Test) SIU conducts the SNAP Test for admissions to the MBA programmes. The Advertising campaign for this is now decided entirely by the PG Admissions Committee, comprising Directors of the MBA Institutes. Earlier the campaign was administratively handled entirely by the Central Symbiosis Test Secretariat. The campaign had a large component of Print advertising, but with digital marketing becoming more important, the shift to digital was imminent. The University used this opportunity to decentralise and adopt a participative practice to benefit from the inputs and expertise of all the members of the Admissions Team. The Role of the PG Admissions Team: The Team takes the decisions on the details of the campaign, the allocation to different entities, the terms of reference and continuously monitors the effectiveness of the campaign and makes course corrections, dynamically based on the data that emerges on a daily or hourly basis. The advantages of the practice: • The decentralisation has provided access to the expertise of a larger pool of very senior and responsible faculty members and been cost-effective. • It has provided access to student feedback which helps to fine-tune the campaign • Such a practice requires a deep involvement of the Admissions Team members and raises their commitment to the outcome of the process, which in turn ensures an excellent demand ratio for the University. 2. Title: The internal Academic Audit process: In each semester the Academics Department of the University plans an Academic Audit of all the constituents of the University. This is a humongous task given the large number of institutes and programmes. The Process: Since several years, SIU has a practice of creating teams of Professors and Associate professors from diverse Institutes to visit and interact with the Academics departments of Institutes other than their own, and to conduct the Audit on pre- determined parameters. The Institutes are required to pre- fill the data in a given format. The Auditors verify the documentary evidence for the various parameters and report to the Central Academics department, to ensure effective teaching-learning activities in all programmes. The Report indicates the shortcomings observed and the good practices adopted .The shortcomings are shared with the Audit Team visiting the Institute in the next round, which verifies that they have been addressed and not repeated. The best practices of each Institute are collated and sent to all Institutes to enable other Institutes to review and adopt if appropriate. Advantages of this participative process: • Faculty members visiting other Institutes as a part of the Audit Team have a sense of belonging and the satisfaction of having contributed to the quality management initiatives of the University. • The participative process also helps faculty members from different disciplines appreciate the nuances of other disciplines and often leads to multidisciplinary projects being created

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details

| Curriculum Development | The institute level Quality cell (Quality Improvement Cell-QIC) is an integral part of the SIU Academic Governance system and is instrumental in initiating, monitoring and reviewing interventions for academic quality improvement at all programme design, delivery and assessment of the programme deliverables to various stakeholders. The key intervention areas can be categorized into the following 1) Programme Design: Quality cell (QIC) monitors the progress, quality and output of the curriculum design / revision and involves review of the adoption of Learning Outcomes Framework (LOCF) prescribed by UGC. 2) Delivery Assessment Plan and Implementation: The Quality cell (QIC) reviews the session plans which essentially capture the learning experiences to help students perform on the outcomes and their alignment with the overall programme expectations. 3) Feedback: The Quality cell (QIC) also reviews the attainment report on the learning outcomes at various levels and initiatives planned to improve the performance. It also reviews the feedback from various stakeholders, their analysis and action taken on the feedback. Following initiative exemplifies the role of SIU- IQAC Central IQAC initiative to implement LOCF – OBE: As a first phase of the implementation a series of workshops were conducted for all the faculty members and key decision makers at SIU to help them assimilate the learning outcome based curricular framework in terms of - 1) How to design Outcomes at various levels including Programme Outcomes / Course Outcomes 2) How to design the curriculum/ align the curriculum to help the stakeholders attain the outcomes in the OBE framework 3) How to bulid learning experiences conducive to attainment of the outcomes 4) How to design and use assessments to evaluate performance on the outcomes 5) How to interpret the outcomes based analytics to improve curriculum and TLA interventions. The second phase of implementation the central IQAC through the Quality cell(QIC) at the institutes ensured development of curriculum in consultation with the relevant |

	stakeholders as per the expectations of the OBE model. Such Curriculum, developed after ensuring both the process of development of curriculum and the output, the Quality cell (QIC) at the institute recommended it to the university for approval.
Teaching and Learning	Introduction of a comprehensive 10-day Faculty Development Program incorporating techno-pedagogy, interactive teaching, online teaching, blended learning, innovative evaluation techniques, and research methodology. Introduction of Flexi credit courses to bring in contemporary courses. Creation and use of video clips by faculty to facilitate Flip classrooms and learning at own pace. Introduction of experiential learning as an integral part (20) of each credit Use of innovative learning techniques such as visits to prisons and involvement in Lok Adalat for law students, fashion shows organized by design students, organising student's photography exhibitions in leading studios in Mumbai, Culinary Arts students creating a book on forgotten recipes.
Admission of Students	The Symbiosis Test Secretariat (STS), a department of SIU, conducts two computer-based entrance tests, viz. SNAP (Symbiosis National Aptitude Test) for postgraduate and SET (Symbiosis Entrance Test) for undergraduate programmes. After the declaration of the entrance test results, the constituents / departments of SIU shortlist the top scoring candidates for the further admission process. The said process comprises a combination of the following components: Writing Ability Test (subjective), Group Exercise, Studio Test and a Personal Interaction. The above mentioned process is conducted at the individual constituent / department. All the decisions regarding the same are also exclusively taken by their admission committee
Industry Interaction / Collaboration	Excellent Industry interaction has been the mainstay of all programmes of SIU, hence industry executives in management, IT and Engineering, lawyers and Judges, Media experts, Think tank luminaries, retired ambassadors, leading doctors, architects are key stakeholders. • Every Institute has a

		Programme review committee that necessarily has the representation of a person from the Industry to advice on content. • All programmes have visiting faculty from Industry, teaching several credits. • Live projects with Industry, mandatory internships, guest lectures, workshops, and events are a part of each programme. . Industry experts visit the Institutes and contribute as judges of competitions, jury members in reviewing design and photography projects,
	Human Resource Management	Human Resource Management-HR Manual is available to all employees. The Organogram available with every Institute provides clarity on the flow of information and hierarchy at every constituent Institute. Development of the faculty and staff is undertaken through a host of measures. Faculty and staff are provided with training and capacity building through conferences, workshops and training programmes. Greater responsibilities across various aspects of the institutes functioning are given to faculty and staff to strengthen their competencies. Recreation facilities are available sports activities are organized for all teaching and non-teaching staff members. Enterprise Resource Personal (ERP) software has been implemented for HR Management. 1. Welfare policies, like health care facilities at campus, free medical insurance. 2. Annual health checkup of staff members and students 3. Conducive environment for promoting curricular, co-curricular, extra-curricular activities 4. Promoting research based activities 5. Support system for PhD research, publications, sponsored and consultancy projects, book publishing. 6. Financial support for research project at the Institute level. 7. Research guides for PhD candidates. 8. setting up of agreed targets for faculty for the number of publications, projects, etc. and it has weightage in API score, Performance appraisal and incentive. 9. Faculty Development Programmes 10. Necessary support for faculty exchange programme with foreign universities 11.HRM among students: In order to develop a social conscience and a more responsible personality, students are required/ encouraged to undertake community-

		oriented activities. -The Symbiosis Centre for Emotional Well Being has been established, which will bring together renowned experts from Psychologists, HR, and Counsellors etc. to formulate delivery mechanisms of Health care services. The diversity of students at Symbiosis Campuses with myriad mental health problems, will position SIU well in implementing solutions.Symbi Care App will also be developed for easy access of these services to students, staff faculty
	Library, ICT and Physical Infrastructure / Instrumentation	Radio frequency identification implementation- 85 work of RFID implementation completed, - installed RFID gate, Self-issue and return counter. Only RFID tagging remains with some issued books. · Update library portal- a new library portal designed with updated features. All the subscribed resources, e-books and databases are available to students and faculty members in a single click. · Support learning and teaching- e Resources training and library orientation is conducted in every institute of SIU regularly. · 4. -New Library portal is more user-friendly, Digitization of Compliance documents All legal documents related to Land and Building procurement and operations are digitized and stored in a Legal Compliance Module on Symbiosis premises. This enables personnel from using soft copies for viewing and sharing without opening originals and unnecessary copying. A certain access is provided to a few people for viewing, downloading etc. Centralized Admissions and Finance module-All admission related processes from registration, to shortlisting to GEPIWAT, Finance modules with first year payments and continuity of payments for the next year is carried out online without using paper since System on Site for statutory processes(ADMS)-Going beyond Software as a Service, The Central IT team has collaboratively worked with partners offering critical services to Symbiosis including Admission, GEPIWAT, Finance, Eligibility etc and categorized past data intelligently through an Application oriented Database System for querying all types of data. Two systems one for Admissions, GEPIWAT to

		Finance fee payments and one for Eligibility and Examination are developed to retrieve data through an application rather than searching in Excel files or a data dump. Document Management Systems :(DMS)-A centralized storage in the form of Document Management Systems has been implemented to ensure data related to communication and information is stored in searchable and portable formats. This ensures paper free correspondence and is one step towards building a paperless process. HR ERP-Employees from induction to retirement are part of the HR TA personnel process along with Finance processes including payslip, IT tax etc AIMS ERP-All processes related to procurement and Asset life cycle are digitized leading to a greener life cycle for Purchase and Maintenance
	Research and Development	Research Advisory Board of eminent researchers from different disciplines is constituted to support the University in developing its research strategy aligned with its vision and capabilities. Online platform SAGE research methods was purchased for accessing all advanced learning resources (books, videos, planner etc.) on research methodology. FDPs on fundamentals of research have been conducted and a large number of teachers of SIU attended that. New guidelines and policies on Practice based Ph.D. for the Faculty of Media and Communication, bibliometrics, plagiarism, research incentives have been prepared for approval. A model doctoral research proposal has been added to the Ph.D. Rule Book.
	Examination and Evaluation	University has issued Guidelines for paper setting. Model answers along with marking scheme are submitted by the paper setter. • A strictly confidential Scrutiny and Moderation committee checks the quality of question paper. • External supervisor along with internal supervisor monitors the examinations on a daily basis. • The marks are converted into grades and the grades are approved by moderation committee. The result is declared as per SIU rules and UGC guidelines. • University has developed software for generation of grades and calculation of Result. • Students can apply for Revaluation,

	followed by Answer script review in case of any grievance

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

E-governace area	Details
Administration	A centralized storage in the form of Document Management Systems has been implemented to ensure data related to communication and information is stored in searchable and portable formats. This ensures paper free correspondence and is one step towards building a paperless process. Document Management System Document Management System has specialized in all aspects of document handling and Document Management for nearly 20 years. The File Stream solution consists of 3 easy steps: 1) Scanning / importing all the physical documents would be scanned with the help of scanner. These scanned images are then stored temporarily in File Stream "In-tray" Alternately soft copies of files can be also fetched in the in-tray. 2)Indexing Each set of images can be given a reference tags like City/ Institute / Document number / type of document etc. and then stored in a secured location on hard disk. 3)Retrieval Documents can be retrieved / printed / emailed from File Stream based on the various reference tags used during Indexing.
Finance and Accounts	Finance and Accounts E-Governance helps in improving transparency, providing speedy information, dissemination, improving administrative efficiency and public services in all aspects of education. Symbiosis International (Deemed University) has implemented e-governance in areas of operations of Finance and Accounts prominently in below mentioned areas: 1. Online payment of taxes to Government Treasury: All the statutory payments are made centrally by Symbiosis. There are several Statutory Registrations allotted to Symbiosis, such as PAN, GST No., Service Tax Regn. No., TAN, Profession Tax Regn. No., ESIC Regn. No., Provident Fund No.etc. Every month each institute makes payments to vendors, employees etc. and deduct the relevant statutory payments. As per various Rules and Regulations of respective Governing Acts these payments are made to the Treasury of

| | | the Government online within stipulated time frame. 1. Filing of periodical returns (GST/PF/IT/TDS): Various software's are used for efficient and timely filing of the statutory returns such as Gen-TDS for TDS data compilation quarterly return preparation for other than salary TDS and `Return preparation utility of NSDL' for TDS data compilation quarterly return preparation for salary TDS. All data is checked w.r.t. rate of TDS, amount of TDS, lower deduction certificates, TDS payments challans etc. are verified in Gen-TDS software the return is prepared. All PANs are also verified of both salaries TDS other than salary TDS deductees through Gen-TDS software. 2. GSTR-3B is filed online in which only liability is paid. We are using `GST offline tool provided by GST dept. for filing GSTR-1 details which consists party wise, document number wise, B2B B2C wise HSN wise details. 1. Compliance towards Foreign Contribution Regulation Act which is an e-governance initiative by the Ministry of Home Affairs to provide a smart, citizen centric transparent mechanism for citizens and organizations to avail various services related to FCRA has been strictly adhered by Symbiosis. Symbiosis is FCRA Registered Association. Formalities towards 15CA and 15CB Forms are strictly adhered as per requirements in case of Foreign Remittance. 1. UGC Compliances: a. Public Financial Management System UGC has implemented the Public Financial Management System (PFMS) to ensure complete tracking of funds released to the grantee institutions and their further expenditure up to the end-mile beneficiary. Research Funds are monitored at Symbiosis International (Deemed University) through PFMS. b. Payment of Refund of Fees as per UGC Regulation Symbiosis International (Deemed University) strictly adheres Rules for Refund of Fees as issued by University Grants Commission. SIU has constituted Centralized Fee Refund Committee to deal with refund of fees to the students of all the programmes of the University. |
| Planning and Development | Planning and Development Product Description -References-Page No. 1. Compliance Dashboard-Eklavya Infosys-2 |

| | | to 6 2. HR ERP-Eklavya Infosys-6tp10 3. Asset and Inventory Management SystemEklavya Infosys-11to23 1. Compliance Dashboard: All legal documents related to Land and Building procurement and operations are digitized and stored in a Legal Compliance Module on Symbiosis premises. This enables personnel from using soft copies for viewing and sharing without opening originals and unnecessary copying. A certain access is provided to a few people for viewing, downloading etc. 2. HR ERP: ERP, or Enterprise Resource Planning, is a suite of integrated business software applications (often called modules) that allow companies to track and manage HR data. Human Resource modules in particular are used to track different people-related functions, such as hiring, daily attendance system, leaves, payroll, administration, development and more. Benefits of using HR modules Businesses that have integrated ERP for HR modules have been able to benefit in a number of ways. 1. Automated processes that free up management 2. Enhanced sharing of information and collaboration 3. Management gains a clearer picture of HR 4. Data is kept up-to-date In Symbiosis ERP system was introduced in January,2016.'Ekalvay Infosys' (Electro Computer Centre) is used for HR. Currently this system is used from employee enrolment (Creating ID) to Resignation. In last couple of years, we have introduced following modules in this system: 3. Asset and Inventory Management System: All processes related to procurement and Asset life cycle are digitized leading to a greener life cycle for Purchase and Maintenance AUTOMATION PROCUREMENT PROCESS: - Procurement automation is used to speed up the procurement process by freeing employees from repetitive and time-intensive tasks, and allowing them to focus on business critical activities like decision making and strategizing. |
| | Examination | Areas of e governance - Examination Year of implementation – 2012. eGovernance has provided an electronic information network to simplify service delivery, reduce duplication, improvised level and speed of service |

		at a lower cost. It helps the governing bodies to analyse stored data to provide answers to the student/stakeholder queries. The centralized information approach of eGovernance prevents information theft or leakage. All pre, conduct and post examination processes are automated. Interactive services viz. apply for examination / revaluation, updation of NAD ID, examination schedule / result, registration for Convocation etc., are accessible to the students online via Student Portal, University website etc. The implementation of e-governance provides an effective tool for efficient management of constituent's educational information in the areas of concern such as 'Student Feedback' system to take adequate action.
	Student Admission and Support	Student Admission and Support The Admission process at Symbiosis International (Deemed University) [SIU] Candidates desirous of pursuing any programme at SIU has to take either of the two online entrance tests, viz. SNAP (for postgraduate programmes) or SET (for undergraduate programmes). The said tests are conducted by the concerned department of SIU – Symbiosis Test Secretariat (STS). A candidate has to first register online for either of the above-mentioned tests by filling up the registration form and by paying the requisite test registration fee. Thereafter s/he has to register online for any one or more of the programmes offered by any Institute(s) of SIU by paying the requisite programme registration fee (separately for each programme). Subsequently the candidate takes the computer-based entrance test at any one of the 90 pre-selected (and finalised by STS) centre/city. The tests are objective in nature and generally comprise four sections – General Awareness Current Affairs, Verbal Ability, Quantitative and Analytical Logical Reasoning. After the declaration of the test results, the Institutes shortlist the top scoring candidates (usually 10 times the Intake) for the further admission process after verification by STS. The said process comprises a Writing Ability Test (subjective), Group Exercise and a Personal Interaction. Eventually, the Institutes merit-list

the top scoring candidates (usually 20 in excess of the Intake) for admission after verification by STS. A candidate may take admission to her/his desired programme by paying the academic fee for the first semester, failing which the opportunity rolls over to the next eligible candidate in the wait-list. All the communications made by STS/Institutes during the entire process in paperless. Even the test / programme(s) registrations, issuing of admit card, declaration of test results, shortlisting, merit-listing, movement of waitlisted candidates as well as payment of the first instalment of the programme fee is done on the University admission finance portal. This in turn ensures an error-free process regardless of any inadvertent manual intervention. Product Description and References 1. GE Piwat Admissions Module - Ish Information System P. Ltd 2. EzApp —Online Application Module - Ish Information System P. Ltd 3. Online Admission Process - Website Portal (https://siu.edu.in) 4. Application Database - Management System http://10.10.1.36/DBMS/Login.aspx?ReturnUrl2fdbms 5. Application for Confirmation of Eligibility and Provisional Admission - Sample format collected from website All admission related processes from registration, to shortlisting to GEPIWAT, Finance modules with first year payments and continuity of payments for the next year is carried out online without using paper since

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
2020	Dharmendra Kumar Dubey	SIU ARM Batch 7 to 13, FDP Symhealth attended FY 2019-20	Symbiosis Institute of Health Sciences	29318
2019	Ram Shridhar Kulkarni	ERASMUS VISTI, Symhealth attended FY 2019-20	Symbiosis School of Biological Sciences	62437

2020	Aejaz Ahmad	FDP Symhealth attended FY 2019-20	Symbiosis Institute of Health Sciences	19318
2020	Sagar Suryakant Kolekar	IHE attended FY 2019-20	Symbiosis Institute of Technology	22156
2019	Pankaj Prakashrao Umbarkar	Refresher course for Law teachers	Symbiosis Law School, Hyderabad	16331
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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	1857 War of Independence	-	11/05/2019	11/05/2019	17	Nil
2020	Assessment Reforms: Key Points for Examiners on How to Conduct Viva Efficiently-	-	13/01/2020	13/01/2020	52	Nil
2019	Formulating MCQs or objective types questions in Law and Social Sciences	-	11/05/2020	11/05/2020	47	Nil
2020	-	Training on Classroom IT Teaching Equipments	31/01/2020	31/01/2020	Nil	4
2020	Nil	Principles for effective performance in	21/05/2020	21/05/2020	Nil	224

		pursuit of quality			

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Practical Time Series Analysis	1	01/03/2020	30/03/2020	30
Philosophy, Science and Religion: Science and Philosophy	1	24/03/2020	13/04/2020	21
Philosophy and the Sciences: Introduction to the Philosophy of Cognitive Sciences	1	16/04/2020	01/05/2020	16
Designing Learner Centric MOOCs and Fast track training	1	09/12/2019	14/12/2019	6
Andragogy and Research Methodology Batch No. 12	1	04/11/2019	14/11/2019	11

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
571	-	947	309

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Performance Related Incentive over and above annual increment DA rise: From July 2013 Symbiosis has started giving Performance related Incentive (PRI) to all the employees who have completed at least 6 months of service. The employees are put in five	Performance Related Incentive over and above annual increment DA rise: From July 2013 Symbiosis has started giving Performance related Incentive (PRI) to all the employees who have completed at least 6 months of service. The employees are put in five	Out-bound activities as a part of Induction · Medical Insurance · Annual Health Check up · Text book hamper / Book-bank Schemes · Yog Shibir and Meditation Camp · Annual Health Check Up · Health Insurance Policy · Gymnasium and health centre and swimming pool

categories viz. A,B,B,C and D as per their performance and marks given in Performance Appraisal reports by the Director/ head of the department and they are paid the PRI on monthly basis @ 8,6,5,3 of their basic pay as per the category they are graded. Employee in Category 'D' does not get any incentive. · One time lump sum payment as a token of appreciation for each Research Publication in refereed journals: This incentive is given to teaching staff for promoting research activities so that more and more faculties publish their research papers in national and international refereed journals. · Free Insurance Cover: Symbiosis is providing free insurance coverage to its employees. Annual Mediclaim upto Rs. 2 lakhs for grade I and II employees are covered and for grade III and IV the mediclaim upto Rs.1 lakh is covered in the policy. Along with this Rs. 1 lakh coverage is given for road traffic accidents. The insurance is provided by National Insurance Company. Entire amount of premium is paid by Symbiosis management since 2019-20. Earlier the premium was paid by Symbiosis for employees of graded III and IV upto the insurance coverage up to Rs. 50,000/-. · Employment to Wards: Preference is given to wards of Symbiosis employees for Employment. So far employees were given employment in various positions as per

categories viz. A,B,B,C and D as per their performance and marks given in Performance Appraisal reports by the Director/ head of the department and they are paid the PRI on monthly basis @ 8,6,5,3 of their basic pay as per the category they are graded. Employee in Category 'D' does not get any incentive. · Free Insurance Cover: Symbiosis is providing free insurance coverage to its employees. Annual Mediclaim upto Rs. 2 lakhs for grade I and II employees are covered and for grade III and IV the mediclaim upto Rs.1 lakh is covered in the policy. Along with this Rs. 1 lakh coverage is given for road traffic accidents. The insurance is provided by National Insurance Company. Entire amount of premium is paid by Symbiosis management since 2019-20. Earlier the premium was paid by Symbiosis for employees of graded III and IV upto the insurance coverage up to Rs. 50,000/-. · Employment to Wards: Preference is given to wards of Symbiosis employees for Employment.So far employees were given employment in various positions as per qualification and experience. The employment is also given to deceased employees. · Training programs to enhance skills: Training and development department of Symbiosis arrange training programs for employees for their overall development. The training is arranged for

available for use · In addition to the above a lot of empowerment strategies are undertaken including the following: a.Nomination on various student and institute committees b. Workshops or honing skills c. Outbound activities d. Sports,Recreation and Wellness facilities. · The University also takes care of the emotional health and wellbeing of the students. Seminars on mental health and open discussions with the students about mental health. We have appointed a counsellor for students to avail sessions to help cope with stress. · Free medical checkup of all students is conducted once in a year · All the students are covered under medical insurance of Rs. 50,000 and road accident upto Rs. 1 Lakh. · Meritorious Scholarships are given to the student on their academic performance. Best outgoing student awards under each faculty selected on the basis of their academic performance and extracurricular achievements. · Special scholarships to the students of North Eastern states · Book Bank Scheme · Allowances to the students participating in National level events. · Bus facility for students on weekend travel to city for meeting their shopping needs · Round the clock medical facility at health centre on campus · Out-bound activities as a part of Induction Medical Insurance · Annual Health Check up · Text book

qualification and experience. The employment is also given to deceased employees. · Training programs to enhance skills: Training and development department of Symbiosis arrange training programs for employees for their overall development. The training is arranged for English language skills, excel, advanced excel etc. · Subsidized bus service at distant campuses: On all campuses bus facility is provided for the employees. The buses are arranged in all the main routes in Pune city. The buses are provided on subsidized rates. · Picnic / Excursions / Outbound program: Symbiosis pays for staff welfare activities like excursions, picnics outbound programs arranged for the employees. · Diwali, Pongal, Saraswati Pujan other major festival Celebrations on Campuses: All the major Indian festivals are celebrated on all campuses by the staff and students of Symbiosis. The festivals celebrated are Diwali, Pongal, Onam, Lohri, Christmas, Ganpati festival Saraswati puja etc · Coupons for Diwali: During Diwali festival gift coupons are given to all the employees as a token of gift. Presently coupon worth Rs. 850 is given to every employee. · Faculty Exchange (abroad programs like SIIB): Various faculty exchange programs are arranged by Symbiosis centre for International education. Many in-house

English language skills, excel, advanced excel etc. · Subsidized bus service at distant campuses: On all campuses bus facility is provided for the employees. The buses are arranged in all the main routes in Pune city. The buses are provided on subsidized rates. Symbiosis International (Deemed University) has provided the safety convenient transport facility to its employees who works in different locations. Symbiosis International (Deemed University) has assured of the safe transportation of employees. · Uniforms to Skilled Attendants / Attendants: The uniforms are provided to all the skilled and unskilled employees of Symbiosis. Two pairs of uniforms with pair of shoes are issued every alternate year. · Picnic / Excursions / Outbound program: Symbiosis pays for staff welfare activities like excursions, picnics outbound programs arranged for the employees. · Diwali, Pongal, Saraswati Pujan other major festival Celebrations on Campuses: All the major Indian festivals are celebrated on all campuses by the staff and students of Symbiosis. The festivals celebrated are Diwali, Pongal, Onam, Lohri, Christmas, Ganpati festival Saraswati puja etc · Coupons for Diwali: During Diwali festival gift coupons are given to all the employees as a token of gift. Presently coupon worth Rs. 850 is

hamper / Book-bank Schemes · Yog Shibir and Meditation Camp · Annual Health Check Up · Health Insurance Policy · In addition to the above a lot of empowerment strategies are undertaken including the following: a.Nomination on various student and institute committees b. Workshops or honing skills c. Outbound activities d. Sports, Recreation and Wellness facilities. · The University also takes care of the emotional health and wellbeing of the students. Seminars on mental health and open discussions with the students about mental health. We have appointed a counsellor for students to avail sessions to help cope with stress.

faculty members get chance to participate in this program also the foreign university faculty members visit.	given to every employee. · Training to staff before appearing for promotion committee: Every year promotion is granted to the employ.	

6.4 – Financial Management and Resource Mobilization

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

The University has a mechanism for both internal and external audit. This activity is outsourced to two different external professional agencies who are qualified to conduct the Audits. This is very well supported by the in-house internal audit team of Symbiosis to ensure the smooth functioning of the Audit Cell. Annual Audit plan is prepared well in advance and is shared with the Constituent institutes and Departmental Heads along with the Audit Check list. Internal Audit: The Internal Audit team, with the help of the appointed external professional agency, conducts audit regularly to monitor compliance with the processes laid down for the constituent institutes and Departments. Focus is laid to confirm whether the systems, internal control and internal checks are in place. Pre-audit is conducted for all project expenses, for all the payments above Rs. 5 Lakhs and for purchase orders above Rs. 1 Lakh. Audit is also conducted specifically for areas like Payroll, final settlement, Admissions, Statutory compliances etc. The Internal Audit reports are discussed with the respective Directors and Heads for compliances and the timely implementation of the recommendations given by the internal auditors. The Internal Audit reports are also shared with the (Statutory) External Auditors for their review. External/ Statutory Audit: Statutory Auditors conduct the audit independent of the internal auditors. They also have their own checks and balances to ensure that all the Audit queries are resolved satisfactorily. Audited statement reports are sent to the UGC and MHRD as per the statutory requirement. University has been getting consistently Clean Audit Reports from the Statutory Auditors for all the Financial Years since the inception of the University. Internal Audit is conducted twice in every year. Interim audit for the first half of the Financial Year is conducted around October - November month. Final Audit for the second half of the Financial Year is conducted in the month of March - April. Audit is conducted in accordance with auditing standards generally accepted in India. These standards require that the audit is performed to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining on test basis, evidences supporting the amounts and disclosure in financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

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
Adar Poonawala Clean City Initiative	2749035	Grant from Adar Poonawala for dry and wet compartmentalised litter bins for awareness of Waste Management
[View File](#)		

6.4.3 – Total corpus fund generated

50000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	Audit Committees constituted by Honble Vice
Administrative	Yes	External Committee (Comprised of eminent Academic Administrators)	No	Nil

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

Being a Deemed University, the University offers academic programmes through its constituent units. In doing so, it has appreciated the need for and has granted complete autonomy in the academic and administrative activities of each of its constituent units. However, in the interest of robust governance and to ensure quality, the University has constituted committees and Boards that will ensure that every constituent complies with the standards and guidelines laid down by the University. The Directors and Faculty members of constituents of the University have complete autonomy in the following areas: 1. Academics: a. Initiating Academic programmes b. Deciding the pedagogy and evaluation methods c. Review and revision of Curriculum d. Introduction of new courses e. Decision on Value Added courses to be offered f. Fostering Industry-Academia relationship g. Purchase of books and databases for the library h. Planning and conducting conferences, workshops, seminars and Training and Development Programmes for teaching and non-teaching staff 2. Administration: a. Deciding on work-load of Faculty members b. Assigning responsibilities to faculty members c. Selection of Adjunct faculty with industry experience d. Selection of Deputy Director of the institute e. Identifying and recommending non-teaching staff for recruitment. f. Assigning responsibilities to non-teaching staff g. Performance appraisal and recommendation of incentives / promotions h. Planning the admission process and selection parameters to select aspirants for admission 3. Finance: a. Preparing the budget for the institute and presenting the same to the central committee b. Planning for purchases of consumables and capital assets required during the year c. Spending within the approved budget on requirements of the institute d. Approval of travel of all teaching and non-teaching staff to attend training and conferences in India.

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

1. Angel Lobby is a platform used for communicating with parents. Parents can share their views and queries through it. 2. Regular updates about every information related to learners are also shared with their parents to make them aware of the latest developments. 3. Parents are called whenever required to consult in regard to their wards. Parents have access to the attendance, marks, etc. of their wards. They can give suggestions and also register complaints through the student portal Being a post-graduate institute, SITM does not have formal Parent - Teacher associations 1. Parent interaction through angel lobby 2. Parent representation on the Anti ragging Committee. 3. Parent orientation

during the Induction Programme 1. Orientation Program for Parent. 2. Parent Teacher Meeting (PTM) 3. Online information to the parent about their wards progress No formal parent teacher association. However, we have parent participation on one of our committees Anti-Ragging Committee, The Director of the Institute along with faculty colleagues, formally interacts with parents of each batch at least 3 times in a year namely 1.During admission process 2.During Orientation Programme and 3 Convocation. 1. Representative of Parent in IQAC Meeting 2. Parent Teacher Meeting 3. Parent Correspondence SSLA does not have a Parent-teacher Association. However, 1. Curiosity- the Online interface equally accessible to students, parents and faculty to stay updated about attendance, internal assessment and other pedagogical activity Email groups for parents of various batches which ensures a lively feedback network. Open door policy of the Director, Deputy Director and other members of the staff.

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

STAFF PROFESSIONAL DEVELOPMENT PROGRAMME 1. General Etiquettes Team Building Activity 2. Business Writing Skills 3. Skill Knowledge development initiatives 4. Negotiation Skills for Managers 5. Book Review Sessions 6. Self Esteem Development initiatives 7. Consumer Outreach Programme 8. Training on AIMS- ERP (Inventory Management System) 9. International Toastmaster Club. 10. Personality improvement initiatives 11. workshop on Staff Grooming in telephonic etiquette communication skills

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

1.1. Improvements in Programme design: The University has introduced several initiatives in programme design: • Flexi-Credit Courses to add flexibility and provide scope for innovation in programme design • Audit courses to offer advanced learning opportunities • Redefinition of credit to include experiential learning hours: 20 of each credit is mandated to be experiential learning (EL) • In addition to the above, other EL courses can be 10-20 of total credits of the programme and 10-30 in case of skill-based programmes. • Value added courses for skill building. • Implementation of Outcome Based Education Model • Provision for students to earn a maximum of 20 credits through SWAYAM. Evaluation to be conducted by faculty in-house Service Learning as an integral part of the programme structure for all UG students and offered as an elective for PG students 1.2 Health Promoting University: In addition to several initiatives like annual health checkup and insuring all faculty, staff and students the University has introduced a 'Well for Life' course offered at all constituents as an elective to promote good health and fitness 1.3 .Outbound Student mobility: Several students understand internationalisation by studying at partner Universities overseas on semester exchange/global immersion and can transfer credits after course mapping. 1.4 IT Implementation: online system for programme structure approvals Classified all courses in the programme structures in line with UGC -CBCS High degree of interdisciplinarity in programme structures 1.5 Examinations: Open book examinations permitted on request. Formulae sheets provided to students in select courses during term end examinations to answer application-based questions 1.6. Academic Audit: External Academic Audit implemented.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

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	Quality Lecture series for teaching and non-teaching Staff	04/02/2020	04/02/2020	01/07/2020	486
2019	Outcome Metrics and Performance Indicator (OMPI) To evaluate Ins titutional performance.	18/12/2019	18/11/2019	18/12/2020	36
2019	Alumni Engagement System (AES)	25/09/2020	25/09/2020	25/09/2020	445
2019	Academic Framework - Specific reference to OBE	30/09/2019	30/09/2019	30/09/2019	2
2019	Assessment Reforms: Key Points for Examiners on How to Conduct Viva Efficiently	13/01/2020	13/01/2020	13/01/2020	52
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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
Gender Sensitization Programme (2019-20)	29/06/2019	29/06/2019	124	127
Classroom Session on Gender Sensitization	07/11/2019	07/11/2019	46	Nil
Gender sensitization Session during	16/07/2019	16/07/2019	335	Nil

induction				
Workshop on Gender Sensitization	04/07/2019	04/07/2019	450	269
International Women's Day Celebration	09/03/2020	09/03/2020	28	3
International Womens Day - Awareness programme on Non-Communicable Disease.	09/03/2020	09/03/2020	14	9
International Womens Day - Theme 2020- "I am Generation Equality: Realizing Women's Rights"	08/03/2020	08/03/2020	35	16
Seminar on Gender Sensitisation with the theme as "He or She? : Time to change the mindset "	29/08/2019	29/08/2019	32	10
Seminar on Gender Equity and Maternal Health In India: Trends and Issues	04/12/2019	04/12/2019	29	15
Gender sensitization programme first year students	01/11/2019	01/11/2019	90	130
Program on gender sensitisation	01/11/2019	01/11/2019	105	140
Guest Lecture on LGBTQ by Cummins For all students	21/08/2019	21/08/2019	200	245
Session by Ms.Shubha Madhusudan	08/11/2019	08/11/2019	24	78
Session by Ms.Manisha Bhati	04/03/2020	04/03/2020	46	119
Gender sensitization	06/07/2019	06/07/2020	107	198

for students				
Gender sensitization for staff	07/06/2019	07/06/2019	18	22
Gender Sensitization for Staff	19/08/2019	19/08/2019	19	14
Gender equity and sensitization lecture	23/12/2019	23/12/2019	30	61
Gender Champions	23/01/2020	01/05/2020	24	6
Gender Sensitization Program	07/08/2019	09/03/2020	269	328
Know Your Rights	27/01/2020	27/01/2020	104	79
Shakti Says – "Le Reve"	23/01/2020	23/01/2020	124	133
International Gender Conference 2020	07/02/2020	08/02/2020	338	110
Wiscomp 2019- Workshop on Gender Equity and Inclusion: Transformative Pathways in Higher Education	22/08/2019	24/08/2019	25	10
Prevention of Sexual Harassment, Regualtions and Policy in Higher Education-Gaurav Sharma	14/09/2019	14/09/2019	75	37

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
21.25

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	127
Ramp/Rails	Yes	127
Braille Software/facilities	Yes	32
Rest Rooms	Yes	75

Scribes for examination	Yes	16
Special skill development for differently abled students	Yes	3
Any other similar facility	Yes	1

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	3	11/09/2019	1	Leprosy case detection program	Leprosys and its prevention and management	49
2020	1	1	29/01/2020	1	ISR Activity: Basic food Handling	To ensure a holistic development of a student through community service	130
2019	1	1	05/10/2019	1	ISR-Orphanage Lunch	caring for Basic Hygiene in food making to cleaning the rural areas for a healthy environment.	60
2019	1	3	01/08/2019	60	A Strategic Supply Chain Proposition for the Farmers of Maan Village for minimizing the Environme	1. To map the existent system of agro-logistics in the village (done with the help of a questionn	7

						ntal Impact by reducing Carbon Foot Print and optimizin g the Economic Yields	aire). 2. To calculate the Carbon emissions and measure the Carbon fo otprint. 3. To recommend a strategic and susta inable supply chain on the basis o	
2019	1	1	07/03/2 019	13	Clothes donation campaign	Students and local community are encou raged to donate clothes and other essential s every year. The collected stuff is sent to 'Goonj" an NGO engaged in making sanitary napkins from used clothes	22

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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)
CODE OF CONDUCT FOR THE GOVERNING BODIES AND OFFICERS OF SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)	25/07/2019	CODE OF CONDUCT FOR THE GOVERNING BODIES AND OFFICERS OF SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY) 02/01/2018 The University has created its Manual on Human Values and Professional Ethics, Code

of Ethics, Code of Conduct for its Teachers, Students, Staff, Administrators and Officers complementing and fortifying the said objective and intent of the UGC in this regard. The University has its 'Code of Conduct Monitoring Committee' to ensure the implication of the determined code of conduct. With its specific objectives and functions, the said committee confirms the execution of the expectations, imperatives and plan of actions suggested in this manual. For Students Students take Courses on Human Values and Professional Ethics at the undergraduate level and at postgraduate level. Outreach Program on Human Values and Professional Ethics in various ways are undertaken by students. Such as, Service learning, participation in national schemes and programs like Fit India, Swachh Bharat Abhiyan, and many more. There is a continuous interface with the societies, NGOs and similar organizations. Values such as tolerance, inclusiveness, acceptance, sharing, caring, etc. get inculcated in students by means of celebrating various days, events, and important festivals while they are on campus. For Teachers Teachers are motivated to take up inter-disciplinary research-based courses on human values and professional ethics. They are not only teaching these courses but are

also participating and mentoring students in various field work, research assignments and other activities related to ethics and human values. They undergo Faculty Development Programmes organized from time to time with an objective to develop attributes of human values and code of conduct. Through the acts of love, care, honesty, sharing and cooperation towards students and staff while conducting curricular, co-curricular and extra-curricular activities, they become role model for students. The Administrative/ Support staff Specific training is arranged for newly appointed staff with respect to organizational culture, behavioral etiquettes and ethical aspects. Gender sensitization programmes are also organised for all the staff. During a common Induction programme at the beginning of academic year, sessions on Code of conduct, anti-ragging mechanism, importance of health and hygiene, emotional well-being and environment conservation are taken. For Governing body It is ensured that there is good governance at all levels which sets strong relationships based on mutual respect, trust and honesty is maintained among all its stakeholders. In the meetings of Academic Council, Board of Management, Board of Studies, and other higher- level meetings, members discuss and resolve to work in the

best interest of the University. They maintain the confidentiality of information. They see to it that they are co-operating with fellow members while carrying out their own responsibilities. They act honestly and in good faith at all times in achieving the institute's intended outcome. The actual date of publication of the code of conduct is 12th July 2017 since then it is under implementation.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Cleanliness Drive	16/01/2020	31/01/2020	55
Matrubhasha Divas	21/02/2020	21/02/2020	555
World Environment Day	04/06/2019	04/06/2019	335
Teachers day	05/09/2019	05/09/2019	200
Integrity and Ethics Conference	29/01/2020	29/01/2020	226

View File

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

1) Solid waste management 2) Liquid waste management 3) E-waste management 4) Rain water harvesting 5) Green initiatives Solid waste management practice at Symbiosis: For promoting environmental sustainability, University has Symbiosis Centre for Waste Resource Management (SCWRM). Waste management challenges through developing new technologies and technology improvement. SCWRM continuously engages in collaborative research projects with various organisations. Waste segregation units are installed in all campuses. About 62 of the Solid waste generated is wet waste which includes kitchen waste. It is converted into organic manure through NISARGLAXMI (a bio-culture developed by SCWRM). Cooked food waste is processed through Biogas plants (100 kg to 1000 kg/day capacity) and compost units (500 kg/day capacity). All single use plastic material is banned. Plastic (PET, PE and PP) is processed using Bio-crux (cap. 300 bottles/hr) and a reactor (Capacity 12 kg), generating hydrocarbons from PE and PP. Paper is shredded in shredding machines. Shredded PET, paper and other solid waste (metal, glass, wood, biomedical waste etc.), are disposed via registered vendors for further recycling. Liquid waste management: The wastewater is treated through reed beds (5 numbers, each 90 KLD capacity) and STP systems (30 KLD to 400 KLD) for reuse. Treated water is used for irrigating lawns, gardens, landscapes and plantation. It is also being recycled in biogas plants for mixing feed. Waste vegetable oil is processed to generate hydrocarbons. Among chemical waste from laboratories, acetone is recovered through distillation. E-waste management: Some of the e-waste generated is downgraded or reused in the labs and the rest is picked up by the authorized government vendors for further processing and disposal. Rain water

harvesting Rain Water Harvesting is being practiced in one or more of the three important ways on the University campuses. Recharging the existing bore wells and augmenting the water table through them. Building underground tanks for collecting rainwater. Building Bandharas (Earthen Dams) Lavale, a 300-acre campus located on the hill top, Symbiosis has constructed at the base, two Bandharas at a cost of Rs.10 crores. Rain water from the hilltop is collected into two Bandharas which have a total capacity of 30 crore Lits. Water from Bandhara is used in place of normal water supply from the river nearby, during the summer period. It is also used for drip irrigation of the plants and bushes. Green Practices University has 15 campuses spread over 5 cities. In order to maintain the biodiversity and reduce carbon footprint, the university has declared its bigger campuses as restricted vehicle use zone. Staff and students are encouraged to use bicycles. There are 164 unisex bicycles to commute. University has provided buses for the places where no public transport is available.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Symbiosis Institute of Digital Telecom Management (SIDTM) Title of the practice Prevision SIDTM's Annual Telecom Forecast The context that required the initiation of the practice What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice? The objective is to create industry neutral forecast which is needed by industries, academicians and researchers for future guidance. The forecast is based upon extensive statistical analysis. It provides the students a platform to understand the linkages between theoretical learning and dynamic industry trends. Through the Prevision research process, the students can understand the effect of macro-economic, technological regulatory factors on the telecom industry in India as well as the world. The accuracy of prediction is based upon the tools used and input data has been about 80 since its inception. In The entire process of preparing Prevision includes students of SIDTM, Alumni of SIDTM, Industry mentors and faculty in charge of Prevision. The process is streamlined by a consulting firm. Objectives of the practice Annual Telecom Forecast Magazine is in its 18th year, initiated in the year 2003 to provide the industry a neutral and insightful point of view regarding the emerging trends in the telecom sector for the forthcoming year. Prevision encompasses the forecast of various parameters of the telecom industry to identify, highlight and understand significant changes in the telecom ecosystem. Prevision is a culmination of the collective endeavour of SIDTM students, SIDTM faculty and industry experts with 2000 man-hours of effort put in by them. It is the only effort of its kind in the telecom domain being attempted by a B-school, which provides comprehensive coverage over various domains in the telecom sphere. To ensure the quality and accuracy of predictions, the process streamlining for Prevision is supervised by a consulting firm. The Practice The forecast is made about various parameters of the telecom industry with an aim to identify, highlight and understand significant changes in the telecom ecosystem in the telecom sector for the forthcoming year. Following verticals are covered in Prevision: Global Telecom World Penetration Rate, Technology Roll outs, Regional Analysis Indian Telecom Tele-density, Subscriber Base, Market Dynamics, New Technology Analysis Mobility ARPU, Penetration, Voice VAS Broadband Penetration, Access, Broadband market analysis Telecom Technologies Core, Access, Transmission analysis and Application Telecom Software Billing, Revenue Assurance, Fraud Management, Security Communication Infrastructure Fixed and Mobile Infrastructure, Green Infrastructure, Active/Passive infrastructure sharing Consumer Electronics Growth and Trend in handheld electronic and mobile devices Special Feature Digital Transformation. The forecast is well accepted in the industry and academicians. It is extremely

important for a higher-level understanding of the industry and managerial decision making. In the process of finalisation of Prevision every year, the SIDTM collates data, analyses it make predictions, these predictions are reviewed and finalised by the faculty in charge. Every year a special feature is added with all aspects of information and forecast related to that area. The Prevision is completed and presented in the month of September every year. The copy of the same is available on SIDTM website. Obstacles faced if any and strategies adopted to overcome them: One of the key problems is the lack of adequate and relevant data on the independent variables that influence the predicted values. To overcome this, we refer to multiple informal data sources and draw commonalities and then proceed with the data for analysis. Since the last three years SIDTM students have conducted interactions with subject matter experts from academia and industry. This helps us in identifying qualitative factors and has helped us to improve the accuracy of our predictions. For the past few years SIDTM had limitations of IT resources and statistical packages for data analysis however, with the setting up of the IBM Lab and use of open-source tools such as R this limitation has been overcome. Impact of the practice: The Prevision is very successful in terms of its acceptance from industry and academicians. SIDTM has contributed to knowledge generation and dissemination. The Prevision team is headed by Prof. Giri Hallur and the team was asked to make presentations on this by reputed industry organisations. This activity helps students to stay updated with latest industry happenings and statistical tools. SIDTM publishes more than 500 copies to be distributed to all. Apart from this, it is available on the website of SIDTM. The accuracy of prediction made in Prevision is improving every year. The accuracy of predictions and acceptance from academicians and industry indicates its success over a period of 13 years. Resources required: IT and analytics software packages, faculty, alumni students with required skill sets, budgetary support. Author: Dr. Abhijit Chirputkar, Director, Symbiosis Institute of Digital Telecom Management (SIDTM) Symbiosis International (Deemed University) Email: director@sidtm.edu.in

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

https://siu.edu.in/pdf/Best_%20Practices_2019-20.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

Internationalization is an area distinctive to the University's vision, priority, and thrust. Symbiosis International is the only Indian university established for the welfare of international students studying in Pune city five decades ago (1971). The motto of Symbiosis is 'The World is One Family', its vision is 'promoting international understanding through quality education', and its name 'Symbiosis' is derived from a botanical term of living organisms coming together for mutual benefit. SIU, being the pioneer in internationalization of higher education in India, attracts international students from around 85 countries. Internationalization is engraved in the vision and mission statements of the University. The Symbiosis Centre for International Education (SCIE) is the centralized office for spearheading and promoting internationalization at all university institutes/departments. One of the very few International Offices amongst Indian Universities dedicated towards promoting internationalisation, SCIE works on multiple tracks, including International Student Admissions Promotions, Student Relations Events, and Initiatives Collaborations (including the Symbiosis Centre for European Studies-SCES). SCIE caters for international student admissions, orientation and induction, support services, student council, festivals, sports

tournaments, cultural activities, etc. exclusively for international students in addition to the regular activities planned by institutions and the university for all students. Scholarships for international students, coming from less privileged backgrounds, stress the ideals and values that are so deeply rooted in the genesis and ethos of the university. The commitment towards internationalization is embedded in every programme/activity and involves a range of activities including expanding the study abroad programme, mobility of faculty/scholars/ideas, cross border research collaborations, COIL, etc. All these activities have well-defined policies and procedures for ensuring effective international experiences. The sustainability for promoting internationalization in teaching-learning-research-service is ensured with deep involvement of the senior leadership and their dedication for ensuring that it is embraced across all levels of the university. The involvement of all staff, buddy mentors, International Students Council representatives, and mentor faculty that support international students, makes it a successful and sustainable model. The Ministry of Human Resource Development, Govt. of India initiated a project called 'Education Quality Upgradation and Inclusion Project (EQUIP)', where internationalization has received prominence as one of the top 10 priorities in the area of higher education. SIU staff has the privilege of being mentored by international experts including Prof. Hans de Wit, Dr. Jane Knight, Dr. Philip Altbach and Dr Jos Beelen. These experts conduct interactive sessions/ workshops for faculty and staff, and also enlighten them on the different aspects of internationalisation and emerging trends in internationalization. SCIE is committed to a leadership role in internationalisation of higher education and organised four international conferences with AIU for vice chancellors and leaders on critical themes such as 'The changing landscape of internationalization of higher education' in 2017, 'Internationalization at Home (IaH): Strategies for building global, international, and intercultural (GII) competencies' in 2018, 'Building Strategic Partnerships towards Collaborative International Learning' in 2019 and 'Transcending National Boundaries – Diversity Inclusion: Critical for Effective Internationalisation' in 2020. Provide the weblink of the institution https://www.scie.ac.in SCIE or

Provide the weblink of the institution
https://siu .edu.in/

8.Future Plans of Actions for Next Academic Year

 To develop Symbiosis MOOCs and develop courses for the SWAYAM platform in areas where there not many courses. - To encourage multidisciplinary research by introducing "multi-disciplinarity' as one of the parameters for evaluating all research projects seeking Seed money from the University - To focus on Health-Tech start-ups. - OBE Attainment matrix to be made fully functional. - To strengthen the Innovative Ecosystem, increase high impact research, and thereby increase the Patents. - To motivate promote PG students to publish research papers. -To fully operationalize General and Super-specialty wing of Symbiosis University Hospital Research Centre Governance - IQAC to identify the scope of Collaborative quality initiatives with other institutions.