

**The Annual Quality Assurance Report (AQAR) of the IQAC**  
**(For Universities)**  
**(For Academic Year 2019-20, Sikkim University)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)

**Part - A**

<b><u>Data of the Institution</u></b> <b>(data may be captured from IIQA)</b>		
<b>1</b>	<b>Name of the Institution:</b>	Sikkim University
.		
	<b>Name of the Head of the institution :</b>	Prof. Avinash Khare
	<b>Designation:</b>	Vice-Chancellor
	<b>Does the institution function from own campus:</b>	No
	<b>Phone no./Alternate phone no:</b>	03592-251403/251073
	<b>Mobile no:</b>	+91-9873428154/+91-80013855345
	<b>Address:</b>	6 <sup>th</sup> Mile Tadong, Samdur, East Sikkim
	<b>City/Town:</b>	Gangtok
	<b>State/UT:</b>	Sikkim
	<b>Pin Code:</b>	737102
<b>2</b>	<b>Institutional status:</b>	
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	<b>University: State/Central/Deemed/Private:(Tick appropriate)</b>	Central
	<b>Type of Institution: Co-education/Men/Women</b>	Co-education
	<b>Location : Rural/Semi-urban/Urban:</b>	Urban
	<b>Financial Status: Centrally funded/state funded/Private(please specify)</b>	Centrally funded
	<b>Name of the IQAC Coordinator/Director:</b>	Dr. Subir Mukhopadhyay (till 29 August 2019) Prof. Shanti Swarup Sharma (wef. 30 August 2019)
	<b>Phone no. /Alternate phone no. :</b>	
	<b>Mobile:</b>	+91-9547605900; +91-9418232910
	<b>IQAC e-mail address:</b>	smukhopadhyay@cus.ac.in ; sssharma@cus.ac.in
	<b>Alternate Email address:</b>	vc@cus.ac.in; registrar@cus.ac.in
<b>3</b>	<b>Website address: Web-link of the AQAR: (Previous Academic Year):</b>	Yes <a href="https://cus.ac.in/index.php/en/aqar-sikkim-university-e">https://cus.ac.in/index.php/en/aqar-sikkim-university-e</a>
<b>4</b>	<b>Whether Academic Calendar prepared during the year? Yes/No....., if yes, whether it is uploaded in the Institutional</b>	Yes <a href="https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Calendar%2019-20.pdf">https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Calendar%2019-20.pdf</a>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	B	2.60	2015	from: 25.06.2015 to: 24.06.2020

**6. Date of Establishment of IQAC:** 22 February, 2013

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/IQAC%20Committee%202019-20.pdf>

**7. Internal Quality Assurance System**

<b>7.1 Quality initiatives by IQAC during the year for promoting quality culture</b>		
<b>Item /Title of the quality initiative by IQAC</b>	<b>Date &amp; duration</b>	<b>Number of participants/beneficiaries</b>
IQAC Coordination Meeting	11 November 2019 4:15 PM	12
IQAC Coordination Meeting	19 November 2019 at 3:00 PM	6
IQAC Coordination Meeting	18 <sup>th</sup> November 2019 at 3:00 PM	3
IQAC Coordination Meeting	5 <sup>th</sup> December 2019 at 3:00 PM	6

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/IQAC%20Minutes%202019-20.pdf>

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

<b>Institution/ Department/Faculty</b>	<b>Scheme</b>	<b>Funding agency</b>	<b>Year of award with duration</b>	<b>Amount</b>
Department of Zoology	DST FIST	DST	2018	88,80,000
Department of Physics	DST FIST	DST	2018	2,26,00,000
Prof. Jyoti Prakash Tamang Professor, Department of Microbiology	DBT-AIST International Centre for Translational and Environmental Research (DAICENTER)	DBT	2018	42,79,996

**9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No:** Yes

**10. No. of IQAC meetings held during the year:** 4

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website: Yes

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

- Preparation of Annual Quality Assurance Report to be submitted to NAAC
- Participation in NIRF 2020-21
- Workshop in collaboration with Academic Departments on Research Publication and digital libraries.

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

<b>Plan of Action</b>	<b>Achievements/Outcomes</b>
Preparation of Annual Quality Assurance Report to be submitted to NAAC	Annual Quality Assurance Report (AQAR) for the Academic Year 2019-20
Participation in NIRF 2020-21	Submission of data for NIRF Ranking 2020-21
Workshop on 'Exploring Possibilities for Improvement of Institutional Research Productivity' in collaboration with Prof. A S Chandel, Librarian Sikkim University	Workshop on 'Exploring Possibilities for Improvement of Institutional Research Productivity' was organized with Prof. A S Chandel, Librarian Sikkim University and Representative of Clarivate (Web of Science) has been planned and scheduled on Monday, 19 October 2020.

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/IQAC%20Minutes%202019-20.pdf>

**14. Whether the AQAR was placed before statutory body?**

No

**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: 2010

Date of Submission: 2010

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

No

**Part-B**

<b>CRITERION I – CURRICULAR ASPECTS</b>		
<b>1.1 Curriculum Design and Development</b>		
<b>1.1.1 Programmes for which syllabus revision was carried out during the Academic year</b>		
<b>Name of programme</b>	<b>Programme Code</b>	<b>Dates of revision</b>
<b>School of Life Sciences</b>		
MSc in Zoology (Department of Zoology)	MSc in Zoology	25 June 2019
<b>School of Professional Studies</b>		
M.Com (Department of Commerce)	M.Com	25 November 2019

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Council%20Minutes%202019-20.pdf>

<b>1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year</b>			
<b>Programme with Code</b>	<b>Date of Introduction</b>	<b>Course with Code</b>	<b>Date of Introduction</b>
Bachelor in Vocation	25 June 2019	B.Voc syllabus in Information Technology (B.Voc-IT)	25 June 2019

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Council%20Minutes%202019-20.pdf>



<b>1.2 Academic Flexibility</b>	
<b>1.2.1 New programmes/courses introduced during the Academic year</b>	
<b>Programme/Course</b>	<b>Date of introduction</b>
<b>School of Languages and Literature</b>	
Certificate Course in Chinese (Department of Chinese)	25 June 2019
<b>School of Life Sciences</b>	
MPhil in Industrial Microbiology (Department of Microbiology)	25 June 2019
PhD in Industrial Microbiology (Department of Microbiology)	25 June 2019

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Council%20Minutes%202019-20.pdf>

<b>1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.</b>									
<b>Name of Programmes adopting CBCS</b>	<b>UG</b>	<b>PG</b>	<b>M Phil</b>	<b>PhD</b>	<b>Date of implementation of CBCS / Elective Course System</b>	<b>UG</b>	<b>PG</b>	<b>M Phil</b>	<b>PhD</b>
<b>School of Human Sciences</b>									
<b>Department of Anthropology</b>									
MA/MSc Anthropology		*			13 11 2013 25 05 2015 31 05 2017		*		
MPhil Anthropology			*		25 05 2015 31 05 2017			*	
PhD Anthropology				*	25 05 2015 31 05 2017				*
<b>Department of Geography</b>									
MA/MSc Geography		*			02 06 2010 13 11 2013		*		
MPhil Geography			*		19 05 2012 13 11 2013			*	
PhD Geography				*	19 05 2012 13 11 2013				*
<b>Department of Psychology</b>									
BA/ BSc Psychology	*				31 05 2017	*			
MA/ MSc Psychology		*			31 05 2017		*		
MPhil Psychology			*		13 11 2013			*	
PhD Psychology				*	13 11 2013 31 05 2017				*
<b>School of Languages and Literature</b>									
<b>Department of Bhutia</b>									
MA Bhutia		*			03 06 2016		*		

<b>Department of Chinese</b>									
BA Chinese	*				31 05 2017	*			
MA Chinese		*			31 05 2017		*		
PhD Chinese				*	11 11 2016				*
<b>Department of Hindi</b>									
BA Hindi	*				03 06 2016 12 06 2018				
MA Hindi		*			19 05 2012 13 11 2013 31 05 2017		*		
MPhil Hindi			*		25 05 2015			*	
PhD Hindi				*					*
<b>Department of Nepali</b>									
MA Nepali		*			28 03 2011 13 11 2013 31 05 2017		*		
MPhil Nepali			*		31 05 2017			*	
PhD Nepali				*	31 05 2017				*
<b>Department of English</b>									
MA English		*			13 11 2013 13 06 2014 31 05 2017		*		
MPhil English			*		13 06 2014 31 05 2017			*	
PhD English				*	13 06 2014 31 05 2017				*
MA Lepcha		*			03 06 2016 16 11 2018		*		
MA Limboo		*			03 06 2016 16 11 2018		*		
<b>School of Life Sciences</b>									
<b>Department of Botany</b>									
MSc Botany		*			13 11 2013 31 05 2017		*		
PhD Botany				*	13 11 2013 31 05 2017				*

<b>Department of Horticulture</b>									
BSc Horticulture	*				13 11 2013 11 11 2016	*			
MSc Horticulture		*			31 05 2017 28 08 2020		*		
PhD Horticulture				*	11 11 2016 31 05 2017				*
<b>Department of Microbiology</b>									
MSc Microbiology		*			17 10 2008 05 11 2014 31 05 2017		*		
MPhil Microbiology			*		02 06 2010 12 06 2018			*	
MPhil Industrial Microbiology			*		25 06 2019#			*	
PhD Industrial Microbiology				*	25 06 2019#			*	
PhD Microbiology				*	02 06 2010				*
<b>Department of Zoology</b>									
MSc Zoology		*			13 11 2013 13 06 2014 31 05 2017		*		
MPhil Zoology			*		25 05 2015				
PhD Zoology				*	25 05 2015 31 05 2017				*
<b>School of Physical Sciences</b>									
<b>Department of Chemistry</b>									
MSc Chemistry		*			02 06 2010 13 06 2014 31 05 2017		*		
MPhil Chemistry			*		19 05 2012 13 11 2013 31 05 2017			*	
PhD Chemistry				*	19 05 2012 13 11 2013 31 05 2017				*

<b>Department of Computer Application</b>									
MCA Computer Application		*			26 10 2015 31 05 2017		*		
PhD Computer Application				*	03 06 2016 31 05 2017				*
<b>Department of Geology</b>									
BSc Geology	*				31 05 2017		*		
MSc Geology		*			31 05 2017		*		
MPhil Geology			*		26 10 2015			*	
PhD Geology				*	26 10 2015				*
<b>Department of Mathematics</b>									
MSc Mathematics		*			13 11 2013 31 05 2017		*		
MPhil Mathematics			*		31 05 2017 18 08 2020			*	
PhD Mathematics				*	31 05 2017				*
<b>Department of Physics</b>									
MSc Physics		*			13 06 2014 31 05 2017		*		
MPhil Physics			*		13 11 2013 31 05 2017			*	
PhD Physics				*	13 11 2013 31 05 2017				*
<b>School of Professionals Studies</b>									
<b>Department of Commerce</b>									
MCom Commerce		*			13 11 2013 03 06 2016 25 06 2019		*		
MPhil Commerce			*		13 11 2013				
PhD Commerce				*	13 11 2013				*
<b>Department of Education</b>									
MA Education		*			13 11 2013 13 06 2014 31 05 2017		*		
MEd Education		*			25 05 2015 12 06 2018		*		

MPhil Education			*		25 05 2015			*	
PhD Education				*	25 05 2015				*
<b>Department of Management</b>									
MBA Management		*			13 11 2013 13 06 2014 31 05 2017		*		
PhD Management				*	13 06 2014 31 05 2017				*
<b>Department of Mass Communication</b>									
MA Mass Communication		*			02 06 2010 13 11 2013 25 05 2015 31 05 2017 16 11 2018		*		
MPhil Mass Communication			*		19 05 2012 13 11 2013 25 05 2015 31 05 2017			*	
PhD Mass Communication				*	19 05 2012 13 11 2013 25 05 2015 31 05 2017				*
<b>Department of Music</b>									
BPA Music	*				28 03 2011 31 05 2017	*			
MPA Music		*			31 05 2017		*		
MPhil Music			*		25 06 2019#				
PhD Music				*	11 11 2016 25 06 2019				*
<b>Department of Tourism</b>									
MTTM Tourism		*			11 11 2016 12 06 2018		*		
MPhil Tourism			*		11 11 2016			*	
PhD Tourism				*					*
<b>School of Social Sciences</b>									
<b>Department of Economics</b>									

MA Economics		*			02 06 2010 11 11 2016		*		
MPhil Economics			*		19 05 2012 11 11 2016			*	
PhD Economics				*	19 05 2012 11 11 2016				*
<b>Department of History</b>									
MA History		*			13 11 2013 13 06 2014 03 06 2016 31 05 2017		*		
MPhil History			*		03 06 2016 31 05 2017			*	
PhD History				*	03 06 2016 31 05 2017				*
<b>Department of International Relations</b>									
MA International Relations		*			17 10 2008 13 11 2013 31 05 2017		*		
MPhil International Relations			*		02 06 2010 13 11 2013 31 05 2017			*	
PhD International Relations				*	02 06 2010 13 11 2013 31 05 2017				
<b>Department of Law</b>									
LLM Law		*			26 10 2015 03 06 2016 31 05 2017		*		
MPhil Law			*		25 05 2015 31 05 2017			*	
PhD Law				*	25 05 2015 31 05 2017				*
<b>Department of Peace and Conflict Studies and Management</b>									

MA Peace and Conflict Studies and Management		*			17 10 2008 31 05 2017		*		
MPhil Peace and Conflict Studies and Management			*		02 06 2010 13 11 2013 31 05 2017			*	
PhD Peace and Conflict Studies and Management				*	02 06 2010 13 11 2013 31 05 2017				*
<b>Department of Political Science</b>									
MA Political Science		*			13 11 2013 13 06 2014 31 05 2017		*		
MPhil Political Science			*		13 06 2014 31 05 2017			*	
PhD Political Science				*	13 06 2014 31 05 2017				*
<b>Department of Sociology</b>									
MA Sociology		*			17 10 2008 13 06 2014 31 05 2017		*		
MPhil Sociology			*		02 06 2010 13 11 2013 31 05 2017			*	
PhD Sociology					02 06 2010 13 11 2013 31 05 2017				

\* denotes the level of the respective program

# these 3 programmes were introduced in this academic year along with CBCS implementation

**Note:** For the sake of completeness, date of implementation of CBCS and subsequent revision(s) of all other courses are included in the table above.

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Council%20Minutes%202019-20.pdf>



<b>1.3 Curriculum Enrichment</b>		
<b>1.3.1 Value-added courses imparting transferable and life skills offered during the year</b>		
<b>Value added courses</b>	<b>Date of introduction</b>	<b>Number of students enrolled</b>
<b>Department of Chinese</b>		
Certificate Course in Chinese (Department of Chinese)	25 June 2019	2

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Academic%20Council%20Minutes%202019-20.pdf>

<b>1.3.2 Field Projects / Internships under taken during the year</b>	
<b>Project/Programme Title</b>	<b>No. of students enrolled for Field Projects / Internships</b>
<b>School of Human Sciences</b>	
<b>Department of Anthropology</b>	
MA/MSc Anthropology	12
<b>Department of Geography</b>	
MA/MSc Geography	25
<b>Department of Psychology</b>	
BA/ BSc Psychology MA/MSc Psychology	14
<b>School of Languages and Literature</b>	
<b>Department of Hindi</b>	
MA Hindi	12
<b>School of Life Sciences</b>	
<b>Department of Horticulture</b>	
BSc Horticulture	22
MSc Horticulture	24
PhD Horticulture	21
<b>Department of Zoology</b>	
MSc Zoology	18
<b>School of Physical Sciences</b>	
<b>Department of Chemistry</b>	
MSc Chemistry	20
MPhil Chemistry	3
PhD Chemistry	2
<b>Department of Computer Application</b>	
MCA	4
<b>School of Professionals Studies</b>	
<b>Department of Commerce</b>	
MCom	21
<b>Department of Education</b>	

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MEd	20
<b>Department of Management</b>	
MBA	22
<b>Department of Mass Communication</b>	
MA Mass Communication	18
<b>School of Social Sciences</b>	
<b>Department of History</b>	
MA History	26
<b>Department of Law</b>	
LLM	11

<b>1.4 Feedback System</b>				
<b>1.4.1 Whether structured feedback received from all the stakeholders.</b>				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
No	No	No	No	No
<b>1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)</b>				
The university system does not have a structured feedback system.				

<b>CRITERION II -TEACHING-LEARNING AND EVALUATION</b>			
<b>2.1 Student Enrolment and Profile</b>			
<b>2.1. 1 Demand Ratio during the year</b>			
<b>Name of the Programme</b>	<b>Number of seats available</b>	<b>Number of applications received</b>	<b>Students Enrolled</b>
<b>School of Human Sciences</b>			
<b>Department of Anthropology</b>			
MA/MSc Anthropology	23	38	23+1*
MPhil Anthropology	2	4	2
PhD Anthropology	3	12	3
<b>Department of Geography</b>			
MA Geography	27	222	27
MPhil Geography	4	29	4
PhD Geography	3	36	3+1*
<b>Department of Psychology</b>			
BA/ BSc Psychology	22	90	22+1*
MA/ MSc Psychology	22	60	22+2*
PhD Psychology	5	23	4
<b>School of Languages and Literature</b>			
<b>Department of Bhutia</b>			
MA Bhutia	20	23	17
<b>Department of Chinese</b>			
BA Chinese	23	122	23+3*
MA Chinese	23	17	8
PhD Chinese	1	5	1
<b>Department of Hindi</b>			
MA Hindi	22	22	10
MPhil Hindi	3	10	3
<b>Department of Nepali</b>			
MA Nepali	35	76	35+3*
PhD Nepali	1	10	1

<b>Department of English</b>			
MA English	35	200	35+1*
MPhil English	6	37	6
PhD English	4	57	4
<b>Department of Lepcha</b>			
MA Lepcha	22	42	22
<b>Department of Limboo</b>			
MA Limboo	20	43	20+1*
<b>School of Life Sciences</b>			
<b>Department of Botany</b>			
MSc Botany	22	233	22+1*
PhD Botany	4	33	4
<b>Department of Horticulture</b>			
BSc Horticulture	5	34	5+1*
PhD Horticulture	4	23	4
<b>Department of Microbiology</b>			
MSc Microbiology	22	104	22
MPhil Microbiology	3	4	1
PhD Microbiology	6	24	6
<b>Department of Zoology</b>			
MSc Zoology	22	279	22+2*
PhD Zoology	1	13	1
<b>School of Physical Sciences</b>			
<b>Department of Chemistry</b>			
MSc Chemistry	20	228	20+1*
MPhil Chemistry	2	4	2
PhD Chemistry	4	14	3
<b>Department of Computer Application</b>			
BVoc IT	30	1	0
MCA Computer Application	22	44	18

PhD Computer Application	4	9	2
<b>Department of Geology</b>			
B. Sc Geology	22	45	20
MSc Geology	22	112	22
PhD Geology	3	4	1
<b>Department of Mathematics</b>			
MSc Mathematics	22	119	22
MPhil Mathematics	1	6	1
PhD Mathematics	1	1	1
<b>Department of Physics</b>			
MSc Physics	20	167	20+1*
MPhil Physics	3	1	1
PhD Physics	4	21	3
<b>School of Professionals Studies</b>			
<b>Department of Commerce</b>			
M Com Commerce	27	166	27+2*
<b>Department of Education</b>			
MA Education	22	79	21
MEd Education	22	59	21
PhD Education	1	18	0
<b>Department of Management</b>			
MBA Management	22	106	22
PhD Management	1	23	1
<b>Department of Mass Communication</b>			
MA Mass Communication	22	38	21
MPhil Mass Communication	1	5	1
PhD Mass Communication	4	26	4
<b>Department of Music</b>			

BPA Music	20	34	19
MPA Music	20	18	13
PhD Music	5	11	2
<b>Department of Tourism</b>			
MTTM Tourism	32	72	29
MPhil Tourism	3	5	3
PhD Tourism	2	16	2
<b>School of Social Sciences</b>			
<b>Department of Economics</b>			
MA Economics	28	116	28
MPhil Economics	5	13	5
PhD Economics	3	22	3
<b>Department of History</b>			
MA History	33	151	33
MPhil History	8	26	8
PhD History	5	16	5
<b>Department of International Relations</b>			
MA International Relations	30	63	30
MPhil International Relations	1	12	1
<b>Department of Law</b>			
LLM Law	17	20	11
MPhil Law	2	5	2
PhD Law	1	22	1
<b>Department of Peace and Conflict Studies and Management</b>			
MA Peace and Conflict Management	22	11	22+1*
MPhil Peace and Conflict Management	2	21	2
PhD Peace and Conflict Management	3	19	3



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<b>Department of Political Science</b>			
MA Political Science	33	191	33
PhD Political Science	3	31	3
<b>Department of Sociology</b>			
MA Sociology	27	82	27
MPhil Sociology	3	18	3

Note: \* additional seats under supernumerary and/or discretionary provisions.

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Prospectus%202019-20.pdf>

<b>2.2 Catering to Student Diversity</b>					
<b>2.2.1. Student - Full time teacher ratio (current year data)</b>					
<b>Year</b>	<b>Number of students enrolled in the institution (UG)</b>	<b>Number of students enrolled in the institution (PG)</b>	<b>Number of full time teachers available in the institution teaching only UG courses</b>	<b>Number of full time teachers available in the institution teaching only PG courses</b>	<b>Number of teachers teaching both UG and PG courses</b>
2019-20	88	747	--	165 (including 8 contractual)	165 (including 8 contractual)

<b>2.3 Teaching - Learning Process</b>					
<b>2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)</b>					
<b>Number of teachers on roll</b>	<b>Number of teachers using ICT (LMS, e-Resources)</b>	<b>ICT tools and resources available</b>	<b>Number of ICT enabled classrooms</b>	<b>Number of smart classrooms</b>	<b>E-resources and techniques used</b>
157 165 (including Contractual)	157 165 (including Contractual)	Laptops Projectors WiFi Services	112 (classrooms) +25 (Labs)	0	Google Meet Zoom Youtube

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

Students enrolled under various programmes like UG, PG, MPhil and PhD across various departments in the university are directly placed under the guidance and supervision of the departmental faculty members. The faculty members guides students in their minor dissertations, major dissertation, internships and field trips.

During their minor dissertations and major dissertation the students perform their routine assignments apportioned by their respective mentors and are rigorously assessed for performance during the tenure of the dissertation.

<b>Number of students enrolled in the institution</b>	<b>Number of fulltime teachers</b>	<b>Mentor: Mentee Ratio</b>
835	165 (including 8 Contractual)	1:5.06

## 2.4 Teacher Profile and Quality

### 2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions					No. of filled positions					Vacant positions					Positions filled during the current year					No. of faculty with PhD			
SI No	Department	Professor	Associate	Assistant	SI No	Department	Professor	Associate	Assistant	Total	SI No	Department	Professor	Associate	Assistant	SI No	Department	Professor	Associate	Assistant	SI No	Department	Numbers
1	Anthropology	1	2	4	1	Anthropology	0	1	4	5	1	Anthropology	1	1	0	1	Anthropology	0	0	0	1	Anthropology	5
2	Geography	1	2	5	2	Geography	0	1	4	5	2	Geography	1	1	1	2	Geography	0	0	0	2	Geography	5
3	Psychology	1	3	3	3	Psychology	0	1	2	3	3	Psychology	1	2	1	3	Psychology	0	0	0	3	Psychology	3
4	Bhutia	1	1	2	4	Bhutia	0	1	1	2	4	Bhutia	1	0	1	4	Bhutia	0	0	0	4	Bhutia	1
5	Chinese	1	2	4	5	Chinese	0	0	3	3	5	Chinese	1	2	1	5	Chinese	0	0	0	5	Chinese	1
6	Hindi	1	2	3	6	Hindi	0	0	3	3	6	Hindi	1	2	0	6	Hindi	0	0	0	6	Hindi	3
7	Nepali	1	2	4	7	Nepali	0	2	4	6	7	Nepali	1	0	0	7	Nepali	0	0	0	7	Nepali	5
8	English	1	2	4	8	English	1	1	4	6	8	English	0	1	0	8	English	0	0	0	8	English	4
9	Lepcha	1	1	2	9	Lepcha	0	1	2	3	9	Lepcha	1	0	0	9	Lepcha	0	0	0	9	Lepcha	0
10	Limboo	1	1	2	10	Limboo	0	1	1	2	10	Limboo	1	0	1	10	Limboo	0	0	0	10	Limboo	0
11	Botany	1	3	4	11	Botany	2	1	4	7	11	Botany	0	2	0	11	Botany	0	0	0	11	Botany	7
12	Horticulture	1	4	5	12	Horticulture	0	2	4	6	12	Horticulture	1	2	1	12	Horticulture	0	0	0	12	Horticulture	5
13	Microbiology	1	2	4	13	Microbiology	1	1	4	6	13	Microbiology	0	1	0	13	Microbiology	0	0	0	13	Microbiology	6
14	Zoology	1	2	4	14	Zoology	0	1	4	5	14	Zoology	1	1	0	14	Zoology	0	0	0	14	Zoology	5
15	Chemistry	1	2	4	15	Chemistry	0	0	5	5	15	Chemistry	1	2	0	15	Chemistry	0	0	0	15	Chemistry	5
16	Computer Applications	1	4	4	16	Computer Applications	0	2	4	6	16	Computer Applications	1	2	0	16	Computer Applications	0	0	0	16	Computer Applications	4
17	Geology	1	3	5	16	Geology	0	1	5	6	16	Geology	1	2	0	16	Geology	0	0	0	16	Geology	5

**AQAR 2019-20, SIKKIM UNIVERISTY**

18	Mathematics	1	2	4	18	Mathematics	0	0	4	4	18	Mathematics	1	2	0	18	Mathematics	0	0	0	18	Mathematics	3
19	Physics	1	3	3	19	Physics	0	2	4	6	19	Physics	1	1	0	19	Physics	0	0	0	19	Physics	6
20	Commerce	1	3	4	20	Commerce	2	1	4	7	20	Commerce	0	2	0	20	Commerce	0	0	0	20	Commerce	5
21	Education	1	2	4	21	Education	0	2	3	5	21	Education	1	0	1	21	Education	0	0	0	21	Education	4
22	Management	1	2	5	22	Management	0	1	4	5	22	Management	1	1	1	22	Management	0	0	0	22	Management	4
23	Mass Com	1	2	4	23	Mass Communicatio ns	1	0	4	5	23	Mass Communicatio ns	0	2	0	23	Mass Communicatio ns	0	0	0	23	Mass Comm	3
24	Music	1	2	4	24	Music	1	1	4	6	24	Music	0	1	0	24	Music	0	0	0	24	Music	4
25	Tourism	1	2	4	25	Tourism	0	0	4	4	25	Tourism	1	2	0	25	Tourism	0	0	0	25	Tourism	3
26	Economics	1	3	3	26	Economics	1	2	3	6	26	Economics	0	1	0	26	Economics	0	0	0	26	Economics	6
27	History	1	3	4	27	History	0	3	4	7	27	History	1	0	0	27	History	0	0	0	27	History	7
28	International Relations	1	2	4	28	International Relations	0	0	3	3	28	International Relations	1	2	1	28	International Relations	0	0	0	28	International Relations	2
29	Law	1	1	5	29	Law	1	1	4	6	29	Law	0	0	1	29	Law	0	0	0	29	Law	6
30	Peace and Conflict Management	1	2	3	30	Peace and Conflict Management	1	1	3	5	30	Peace and Conflict Management	0	1	0	30	Peace and Conflict Management	0	0	0	30	Peace and Conflict Mgt	5
31	Political Science	1	2	5	31	Political Science	1	1	5	7	31	Political Science	0	1	0	31	Political Science	0	0	0	31	Political Science	5
32	Sociology	1	2	4	32	Sociology	0	2	4	6	32	Sociology	1	0	0	32	Sociology	0	0	0	32	Sociology	3

<b>2.4.2 Honours and recognitions received by teachers</b> (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )			
<b>Year of award</b>	<b>Name of full time teachers receiving awards from state level, national level, international level</b>	<b>Designation</b>	<b>Name of the award, fellowship, received from Government or recognized bodies</b>
<b>School of Human Sciences</b>			
<b>Department of Geography</b>			
2019-20	Dr. Uttam Lal	Assistant Professor, Geography	UGC- Inter-University Centre: Associateship, Indian Institute of Advanced Study (IIAS), Shimla. October,2019.
<b>School of Languages and Literature</b>			
<b>Department of Hindi</b>			
2019-20	Dr. Chukey Bhutia	Assistant Professor, Hindi	Sahitya Sammelan Shatabdi Samman, Bihar Hindi Sahitya Sammelan, Patna, Bihar, 07 June, 2019
2019-20	Dr. Chukey Bhutia	Assistant Professor, Hindi	Hindi Bhasha Bhushan Samman By Sahitya Mandal Shreenath Dwara, Udaupur, Rajsthan, 14 Sept 2019
2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Hindi Bhasha Bhushan Manad Upadhi By Sahitya Mandal Shreenath Dwara, Udaupur, Rajsthan, 14 Sept 2019

2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Sahitya Sammelan Shatabdi Samman, Bihar Hindi Sahitya Sammelan, Patna, Bihar, 07 June, 2019
2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Motilal Rthi Smriti Samman, By Sahitya Mandal Shreenath Dwara, Udaipur, Rrajasthan, 15 Sept 2019
2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Best Research Paper Award, Sikkim University, Gangtok, 31 July, 2019
2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Kanchanjangha Hindi E-journal ka Sampadan : Jan-June 2020 Ank Publish.
2019-20	Dr. Pradip Tripathi	Assistant Professor, Hindi	Srijan Bhatti Patrika Ka Ank- 3& 4 Publish
<b>Department of Nepali</b>			
2019-20	Dr. Kabita Lama	Associate Professor, Nepali	Felicited By Gorkha Jana Pustakalaya at Paras Mani Preksha Griha, Kurseong for conferred by D.K. Shrestha Smriti Sahitik Puraskar, 2018 on 8 June 2019
2019-20	Dr. Kabita Lama	Associate Professor, Nepali	Felicited by International Literary Society, UK Chapter, London on 4 August 2019
2019-20	Dr. Kabita Lama	Associate Professor, Nepali	Felicited by Sudor Pachimanchal Nepali



			Sahitya Samaj in Dhangari, Nepal on 28 Feb 2020
2019-20	Dr. Kabita Lama	Associate Professor, Nepali	Felicitated as a Nepali women achiever in Nepali Literature by 110th International Women's Day Celebration Committed at Town Community Hall Kurseong, Darjeeling on 10 March 2020
2019-20	Dr. Pushpa Sharma	Associate Professor, Nepali	Felicitated by Mahakavi Tushiram Sharma "Kashyap" Jayanti Samaroha Samiti, 2020, Gangtok
2019-20	Balaram Pandey	Assistant Professor, Nepali	Felicitated by Akhil Sikkim Bhujel Sangha, Sikkim, 12 December 2019, Lungchok, West Sikkim
2019-20	Balaram Pandey	Assistant Professor, Nepali	Felicitated by All Sikkim Mangar Association, Sikkim, 16 December 2020, Magarjong Mangsari, West Sikkim
2019-20	Balaram Pandey	Assistant Professor, Nepali	Felicitated by Bhanu Jayanti Samaroha Samiti 2019, 13 July 2019, Soreng, West Sikkim
2019-20	Samar Sinha	Assistant Professor, Nepali	Felicitated by Akhil Sikkim Bhujel Sangha, Sikkim, 12

			December 2019, Lungchok, West Sikkim
2019-20	Samar Sinha	Assistant Professor, Nepali	Felicitated by All Sikkim Mangar Association, Sikkim, 16 December 2020, Magarjong Mangsari, West Sikkim
<b>School of Life Sciences</b>			
<b>Department of Botany</b>			
2019-20	Prof. Shanti S. Sharma	Professor, Botany	Collaborative Research stay at Bielefeld University, Germany (Sept.-Nov. 2019) under INSA (New Delhi)-DFG (Germany) International Scientists Exchange programme.
2019-20	Prof. Shanti S. Sharma	Professor, Botany	Elected Member of the Sectional Committee of the Section of Plant Sciences for 2020-2021 (108th Session of the Indian Science Congress)
2019-20	Prof. Shanti S. Sharma	Professor, Botany	Reviewer for grant Proposals for the National Science Centre, Government of Poland
<b>Department of Microbiology</b>			
2019-20	Prof. Dr. Jyoti Prakash Tamang	Professor, Microbiology	Conferred the Prestigious International Centre for Integrated Mountain Development (ICIMOD)- Mountain Chair for 2

			years (2019-221) on 5th December 2019 at Kathmandu
<b>Department of Zoology</b>			
2019- 20	Dr Bhoj K Acharya	Assistant Professor, Zoology	Member, Sikkim Biodiversity Board
2019- 20	Dr Bhoj K Acharya	Assistant Professor, Zoology	Member, National Coordination Committee for Transboundary Landscape Initiatives in the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India.
2019- 20	Dr Bhoj K Acharya	Assistant Professor, Zoology	Academic Editor of International Journal PLoS One
2019- 20	Dr Bhoj K Acharya	Assistant Professor, Zoology	Invited as an expert on biodiversity in the Himalaya in the workshop at the Woodrow Wilson School of Public and International Affairs, Princeton University held during November 14-15, 2019. The workshop was a part an initiative through the Princeton University Global Collaborative Network program to build collaborations between

			Indian scientists and Princeton faculty, staff, and students related to ecology and conservation of biodiversity in the Himalayas, especially in the context of land use and climate change
<b>School of Professionals Studies</b>			
<b>Department of Music</b>			
2019-20	Dr. Surendra Kumar	Assistant Professor, Music	Shikshak Ratna, Delhi
2019-20	Dr. Surendra Kumar	Assistant Professor, Music	Asia Continent, Award, Kathmandu
2019-20	Dr. Surendra Kumar	Assistant Professor, Music	Music Global, Multicultural Award, Kathmandu
2019-20	Dr. Santosh Kumar	Assistant Professor, Music	Sikshak Shree, Award, Delhi

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>2.5 Evaluation Process and Reforms</b>				
<b>2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year</b>				
<b>Programme Name</b>	<b>Program me Code</b>	<b>Semester/ year</b>	<b>Last date of the last semester-end/ year-end examination</b>	<b>Date of declaration of results of semester-end/ year-end examination</b>
MA/MSc in Anthropology	MA/MSc	Even Semester 2019	15/06/2019	09/07/2019
MA in Geography	MA	Even Semester 2019	15/06/2019	09/07/2019
MA/ M Sc in Psychology	MA/MSc	Even Semester 2019	15/06/2019	09/07/2019
BA/ BSc In Psychology	BA/BSc	Even Semester 2019	15/06/2019	09/07/2019
MA in Bhutia	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Chinese	MA	Even Semester 2019	15/06/2019	09/07/2019
BA in Chinese	BA	Even Semester 2019	15/06/2019	09/07/2019
MA in Hindi	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Nepali	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in English	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Lepcha	MA	Even Semester 2019	15/06/2019	09/07/2019

MA in Limboo	MA	Even Semester 2019	15/06/2019	09/07/2019
MSc in Botany	MSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Horticulture	MSc	Even Semester 2019	15/06/2019	09/07/2019
BSc in Horticulture	BSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Microbiology	MSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Zoology	MSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Chemistry	MSc	Even Semester 2019	15/06/2019	09/07/2019
MCA Computer Applications	MA	Even Semester 2019	15/06/2019	09/07/2019
Int BCA-MCA Computer Applications	Int BCA- MCA	Even Semester 2019	15/06/2019	09/07/2019
MSc in Geology	MSc	Even Semester 2019	15/06/2019	09/07/2019
BSc in Geology	BSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Mathematics	MSc	Even Semester 2019	15/06/2019	09/07/2019
MSc in Physics	MSc	Even Semester 2019	15/06/2019	09/07/2019
MCom Commerce	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Education	MA	Even Semester 2019	15/06/2019	09/07/2019
MBA Management	MBA	Even Semester 2019	15/06/2019	09/07/2019

MA in Mass Communication s	MA	Even Semester 2019	15/06/2019	09/07/2019
MPA in Music	MPA	Even Semester 2019	15/06/2019	09/07/2019
BPA in Music	BPA	Even Semester 2019	15/06/2019	09/07/2019
MA in Tourism	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Economics	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in History	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in International Relations	MA	Even Semester 2019	15/06/2019	09/07/2019
LLM Law	LLM	Even Semester 2019	15/06/2019	09/07/2019
MA in PCSM	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Political Science	MA	Even Semester 2019	15/06/2019	09/07/2019
MA in Sociology	MA	Even Semester 2019	15/06/2019	09/07/2019

**2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year****\*Do not include re-evaluation/ re-totalling**

<b>Number of complaints or grievances about evaluation</b>	<b>Total number of students appeared in the examination</b>	<b>Percentage</b>
0	1468	0



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**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)**

The curricular programmes are designed and implemented in such a manner that students develop a robust understanding and grasp over diverse aspects of the course. This invariably prepares the students for the specific needs of different industrial sectors, professional and academic institutions.

<b>2.6.2 Pass percentage of students</b>				
<b>Program me Code</b>	<b>Programme name</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final Semester /year examination</b>	<b>Pass Percentag e</b>
MA/MSc	MA/MSc in Anthropology	15	14	93.33
MA	MA in Geography	25	25	100.00
MA/MSc	MA/ M Sc in Psychology	17	17	100.00
BA/BSc	BA/ BSc In Psychology	12	11	91.67
MA	MA in Bhutia	20	20	100.00
MA	MA in Chinese	5	5	100.00
BA	BA in Chinese	10	10	100.00
MA	MA in Hindi	6	6	100.00
MA	MA in Nepali	24	24	100.00
MA	MA in English	26	25	96.15
MA	MA in Lepcha	19	19	100.00
MA	MA in Limboo	20	20	100.00
MSc	MSc in Botany	20	19	95.00
MSc	MSc in Horticulture	20	20	100.00
BSc	BSc in Horticulture	25	25	100.00
MSc	MSc in Microbiology	17	16	94.12
MSc	MSc in Zoology	21	21	100.00
MSc	MSc in Chemistry	20	20	100.00
MA	MCA Computer Applications	12	11	91.67
Int BCA-MCA	Int BCA-MCA Computer Applications	3	3	100.00
MSc	MSc in Geology	19	17	89.47

BSc	BSc in Geology	13	12	92.31
MSc	MSc in Mathematics	17	7	41.18
MSc	MSc in Physics	19	19	100.00
MA	MCom Commerce	25	25	100.00
MA	MA in Education	21	21	100.00
MBA	MBA Management	19	16	84.21
MA	MA in Mass Communications	17	15	88.24
MPA	MPA in Music	0	0	.N.A.
BPA	BPA in Music	13	13	100.00
MA	MA in Tourism	27	27	100.00
MA	MA in Economics	26	26	100.00
MA	MA in History	27	27	100.00
MA	MA in International Relations	17	17	100.00
LLM	LLM Law	17	16	94.12
MA	MA in PCSM	3	3	100.00
MA	MA in Political Science	28	28	100.00
MA	MA in Sociology	25	25	100.00

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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)**

The institution is working towards development of an appropriate mechanism to collect the results and detail of the student satisfaction.

<b>CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION</b>				
<b>3.1 Promotion of Research and Facilities</b>				
<b>3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year</b>				
<b>National/International</b>	<b>Name of the teacher awarded the fellowship</b>	<b>Name of the Award</b>	<b>Date of Award</b>	<b>Awarding Agency</b>
<b>School of Social Sciences</b>				
<b>Department of History</b>				
International	Dr Anira P Lepcha	Erasmus + Fellowship	2019-20	European Union
National	Dr Veenu Pant	Governor Nominee in the First Court	2019-20	Sikkim State University
<b>School of Human Sciences</b>				
<b>Department of Geography</b>				
National	Dr. Uttam Lal	UGC- Inter-University Centre: Associateship	October 2019	Indian Institute of Advanced Study (IIAS), Shimla.
International	Saswati Saha	Charles Wallace India Trust Research Grant for Short Term Research in UK, 2019	2019-20	Charles Wallace India Trust Scholarships   British Council
<b>School of Languages and Literature</b>				
<b>Department of English</b>				
International	Saswati Saha	Charles Wallace India Trust Research Grant for Short Term	2019-20	Charles Wallace India Trust

		Research in UK, 2019		Scholarships   British Council
<b>Department of Hindi</b>				
National	Dr. Chukey Bhutia	Sahitya Sammelan Shatabdi Samman,	07 June, 2019	Bihar Hindi Sahitya Sammelan, Patna, Bihar
National	Dr. Chukey Bhutia	Hindi Bhasha Bhushan Samman	14 Sept 2019	Sahitya Mandal Shreenath Dwara, Udaupur, Rajsthan
National	Dr. Pradip Tripathi	Hindi Bhasha Bhushan Manad Upadhi	14 Sept 2019	Sahitya Mandal Shreenath Dwara, Udaupur, Rajsthan
National	Dr. Pradip Tripathi	Sahitya Sammelan Shatabdi Samman	07 June, 2019	Bihar Hindi Sahitya Sammelan, Patna, Bihar
National	Dr. Pradip Tripathi	Motilal Rthi Smriti Samman	15 Sept 2019	Sahitya Mandal Shreenath Dwara, Udaupur, Rrajsthan
National	Dr. Pradip Tripathi	Best Research Paper Award	31 july, 2019	Sikkim University
National	Dr. Pradip Tripathi	Editor	Jan-June 2020	Kanchanjangha Hindi E-journal
National	Dr. Pradip Tripathi	Collaborator	2019-20	Srijan Bhatti Patrika

National	Dr. Kabita Lama	D.K. Shrestha Smriti Sahitik Puraskar, 2018 1. by on	8 June 2019	Gorkha Jana Pustakalaya
<b>Department of Nepali</b>				
Internati onal	Dr. Kabita Lama	Felicitated	4 August 2019	International Literary Society, UK Chapter
Internati onal	Dr. Kabita Lama	Felicitated	28 Feb 2020	Sudor Pachimanchal Nepali Sahitya Samaj in Dhangari, Nepal
National	Dr. Kabita Lama	Felicitated as a Nepali women achiever in Nepali Literature	10 March 2020	110 <sup>th</sup> International Women's Day Celebration Committed at Town Community Hall Kurseong, Darjeeling
National	Dr. Pushpa Sharma	Felicitated	2019-2020	Mahakavi Tushiram Sharma "Kashyap" Jayanti Samaroha Samiti, 2020, Gangtok

National	Balaram Pandey	Felicitated	12 December 2019	Akhil Sikkim Bhujel Sangha, Sikkim, Lungchok, West Sikkim
National	Balaram Pandey	Felicitated	16 December 2020	All Sikkim Mangar Association, Sikkim, Magarjong Mangsari, West Sikkim
National	Balaram Pandey	Felicitated	13 July 2019	Bhanu Jayanti Samaroha Samiti 2019, Soreng, West Sikkim
National	Samar Sinha	Felicitated	12 December 2019	Akhil Sikkim Bhujel Sangha, Sikkim, Lungchok, West Sikkim
National	Samar Sinha	Felicitated	16 December 2020	All Sikkim Mangar Association, Sikkim, Magarjong Mangsari, West Sikkim
<b>School of Life Sciences</b>				
<b>Department of Botany</b>				
National	Prof. Shanti S. Sharma	Collaborative Research stay at	Sept.-Nov. 2019	INSA (New Delhi)-DFG



		Bielefeld University, Germany (Sept.- Nov. 2019) under INSA (New Delhi)- DFG (Germany) International Scientists Exchange programme.		(Germany) International Scientists Exchange programme.
National	Prof. Shanti S. Sharma	Elected Member of the	2019-20	Sectional Committee of the Section of Plant Sciences for 2020-2021 (108 <sup>th</sup> Session of the Indian Science Congress)
National	Prof. Shanti S. Sharma	Reviewer for grant Proposals	2019-20	National Science Centre, Government of Poland
<b>Department of Zoology</b>				
National	Dr Bhoj K Acharya	Member	2019-20	Sikkim Biodiversity Board
National	Dr Bhoj K Acharya	Member,	2019-20	National Coordination Committee for Transboundary Landscape Initiatives in

				the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India.
International	Dr Bhoj K Acharya	Academic Editor of	2019-20	International Journal PLoS One
International	Dr Bhoj K Acharya	Invited as an expert biodiversity in the Himalaya	November 14-15, 2019.	Woodrow Wilson School of Public and International Affairs, Princeton University
<b>School of Professional Studies</b>				
<b>Department of Music</b>				
National	Dr. Surendra Kumar	Shikshak Ratna	2019-20	Delhi
International	Dr. Surendra Kumar	Asia Continent, Award	2019-20	Kathmandu
International	Dr. Surendra Kumar	Music Global, Multicultural Award	2019-20	Kathmandu
National	Dr. Santosh Kumar	Sikshak Shree, Award	2019-20	Delhi

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>3.1.2 Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year</b>		
<b>Name of Research fellowship</b>	<b>Duration of fellowship</b>	<b>Funding agency</b>
<b>(8 no)</b> Maulana Azad National Fellowship - Ministry of Minority Affairs	Stipulated Tenure	Ministry of Minority Affairs, GOI
<b>(8 no)</b> UGC: National Fellowship for OBC	Stipulated Tenure	UGC, GOI
<b>(38 no)</b> UGC NET Fellowship	Stipulated Tenure	UGC, GOI
<b>(4 no)</b> Rajiv Gandhi National Fellowship	Stipulated Tenure	Ministry of Social Justice and Empowerment for Scheduled Caste Ministry of Tribal Affairs for Scheduled Tribe
<b>(4 no)</b> National Fellowship for Scheduled Tribe	Stipulated Tenure	Ministry of Tribal Affairs, GOI
<b>(192 no)</b> Non-Net Fellowship	Stipulated Tenure	Sikkim University

<b>3.2 Resource Mobilization for Research</b>					
<b>3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations</b>					
<b>Nature of the Project</b>	<b>Duraton</b>	<b>Name of the funding Agency</b>	<b>Total grant Sanctioned (in Lakhs)</b>	<b>Amount received during the year (in Lakhs)</b>	<b>Name</b>
<b>Major projects Interdisciplinary Projects</b>	24 Months	Indian Council of Social Science Research (ICSSR)	10	10	Is Delayed Wage Payment a Bottleneck for the Success of the National Rural Employment Guarantee Act? A Comparative Study of Sikkim and Tripura (Investigators: Dr. Rajesh Raj S.N. Economics, Dr. Komol Singha Economics and Dr. Khangembam Indira, Sociology, Sikkim University)
<b>Major projects</b>	18 Months	Critical Ecosystem Partnership Fund (CEPF)	15.5	15.5	“Saving the Fish From Mekong to Meghalaya”. (Investigator: James V Haokip, Anthropology, Sikkim University)
<b>Major projects</b>	48 Months	JICA Project under Forests, Environment and Wildlife	33.52	17	Study of Oak forest ecosystem in Sikkim Himalaya with special reference to climate

		Management Department (Govt. of Sikkim).			change, plant species diversity and distribution in Sikkim. Role: -Principal Investigator. (Investigator: Dr. Arun Chettri, Botany, Sikkim University)
<b>Major projects</b>	48 Months	JICA Project under Forests, Environment and Wildlife Management Department (Govt. of Sikkim).	33.52	17	Study of Oak forest ecosystem in Sikkim Himalaya with special reference to climate change, plant species diversity and distribution in Sikkim. Role: Co-Principal Investigator. (Investigator: Dr. Dhani Raj Chhetri, Botany, Sikkim University)
<b>Major projects</b>	36 Months	DST	10.35	7	Assessment of socio-ecological vulnerability to climate change among Agroforestry managers along an altitude gradient in the Eastern Himalayas Role: - Principal Investigator. (Investigator: Dr. N Bijayalaxmi Devi, Botany, Sikkim University)

<b>Major projects</b>	36 Months	DST	99.74	66	Wild edible fruits of Sikkim: Study on nutritional potential, sustainable socio-economy, ecology and conservation for tribal population of Sikkim. Role: Co-Principal Investigator (Investigator: Dr. Arun Kumar Rai, Botany, Sikkim University)
<b>Major projects</b>	36 Months	NMHS, MoEF, Government of India	68.55	46	Himalayan Fellowship 2017-18 (Investigator: Dr. Niladri Bag, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	GBPNIHED, NMHS, MoEF, Government of India	14.38	10	Bio-control of fungal disease of large cardamom ( <i>Amomum subulatum</i> ) using antagonistic microorganism(s)/ botanicals/ indigenous traditional knowledge based formulation (Investigator: Dr. Niladri Bag, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	DBT, GOI	35.63	24	Developing microbial consortium for horticulture crops in rice based cropping

					system to promote growth, nutrient uptake and diseases management in organic farming in Sikkim (Investigator: Dr. Laxuman Sharma, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	Nation Mission on Himalayan Studies, MoEF, GOI	98.44	66	Conservation, Promotion and intensification of local crop landraces of germplasm for livelihoods of organic farmers in Sikkim (Investigator: Dr. Laxuman Sharma, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	DBT, GOI	38.75	26	In vitro mass propagation of High value hill Banana (Investigator: Dr. Laxuman Sharma, Horticulture, Sikkim University)
<b>Major projects</b>	24 Months	Department of Forest Government of Sikkim	29	29	Farming System based assessment of Pollinators, soil macro fauna and local germplasm under different Agro ecological

					Situation in Sikkim (Investigator: Dr. Laxuman Sharma, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	DBT-SERB	24.93	17	Conservation and sustainable use of <i>Nardostachys grandiflora</i> DC. [Valerianaceae] an endangered medicinal plant of Sikkim Himalayas (Investigator: Dr Manju Rana, Horticulture, Sikkim University)
<b>Major projects</b>	24 Months	SERB (DST)	24.46	24	Development of diversified value added products from wild edible fruits of Sikkim Himalayas (Investigator: Dr. Karma Diki Bhutia, Horticulture, Sikkim University)
<b>Major projects</b>	36 Months	Department of Biotechnology, Ministry of Science and Technology, New Delhi	42.8	29	Studies on Poly- $\gamma$ -glutamic acid (PGA)-producing <i>Bacillus</i> spp. from naturally fermented soybean foods of North East India and structural characterization and digestive stability of



					PGA (Investigator: Prof.Jyoti Prakash Tamang, Microbiology, Sikkim University)
<b>Major project s</b>	36 Month s	Department of Biotechnology, Ministry of Science and Technology, New Delhi	99.6	66	DBT-AIST International Centre for Translational and Environmental Research (DAICENTRE) (Investigator: Prof.Jyoti Prakash Tamang, Microbiology, Sikkim University)
<b>Major project s</b>	36 Month s	Department of Biotechnology, Ministry of Science and Technology, New Delhi	62.96	42	Cloning and expression of amylases from the microbes associated with hot springs niche and application of recombinant amylase for the production of 'limit dextrins' from starchy bioresources of Sikkim (Investigator: Dr. Nagendra Thakur, Microbiology, Sikkim University)
<b>Major project s</b>	36 Month s	SERB_DST	33.38	22	Ecology, distribution and phylogeny of Takydromussikkimensi s (Gunther, 1888) (Squamata: Lacertidae) in the North East India. (Investigator: Dr Basundhara Chettri,

					Zoology, Sikkim University)
<b>Major projects</b>	36 Months	SERB_DST	32.84	22	Diversity pattern, range size distribution and trait composition of butterflies along elevation gradients in the Sikkim Himalaya (Investigators: Dr Bhoj K. Acharya, Zoology, Sikkim University)
<b>Major projects</b>	36 Months	NMHS, MoEF&CC, Govt. of India	369.94	247	*Key ecosystem services and biodiversity components in socio-ecological landscapes of Darjeeling - Sikkim Himalaya: Deriving management & policy inputs and developing mountain biodiversity information system (Investigators: Dr Bhoj K. Acharya, Dr Basundhara Chettri, Zoology, Sikkim University)
<b>Major projects</b>	24 Months	Department of Forests, Environment and Wildlife Management Department,	29	29	#Farming System based assessment of pollinators, soil macrofauna, local germplasms under different Agro-ecological Situations of Sikkim

		Govt. of Sikkim			(Investigators: Dr Bhoj K. Acharya, Dr Basundhara Chettri, Zoology, Sikkim University)
<b>Major projects</b>	36 Months	ICMR	14.96	10	Study of Toll Like Receptor (TLR) gene polymorphism in the pathogenesis of schizophrenia: An approach to investigate immune-inflammatory hypothesis (Investigator: Dr Bisu Singh, Zoology, Sikkim University)
<b>Major projects</b>	48 Months	SERB/ DST	46.98	23	Development of Biocompatible Fluorescent Quantum Dots Emitting in Second Near Infrared Region (1000-1400 nm) (Investigator: Dr. Sudarsan Tamang, Chemistry, Sikkim University)
<b>Major projects</b>	42 Months	SERB/ DST	51.36	29	Formation of III-V semiconductor nanocrystals involving more covalent bonds: synthesis, mechanistic studies and characterization.

					(Investigator: Dr. Sudarsan Tamang, Chemistry, Sikkim University)
<b>Major projects</b>	36 Months	DBT	77.67	52	Development of Novel Therapeutic Lead(s) Against Visceral Leishmaniasis Through Creation of Privileged Diversity Oriented Synthetic (pDOS) Library of Small-molecules and Study of their In-vitro/In-vivo Activity Against Leishmania donovani, (Investigator: Dr. B. G. Roy, Chemistry, Sikkim University)
<b>Major projects</b>	36 Months	SERB-DST, GOI, New Delhi	47.68	32	Metal Organic Framework Catalyzed Aziridination Reactions (Investigator: Dr. Anand Pariyar, Chemistry, Sikkim University)
<b>Major projects</b>	60 Months	DST-Inspire, GOI, New Delhi	35	14	Metal Organic Frameworks and their Post-Synthetic Modified Products for Application in Molecular and Electrocatalysis. (Investigator: Dr. Anand

					Pariyar, Chemistry, Sikkim University)
<b>Major projects</b>	36 Months	Department of Science & Technology, (DST), Govt. of India	60	40	Large Scale Biological Network Reconstruction and Analysis for Identifying Therapeutic Targets for Alzheimer's: A Big Data Initiative (Investigator: Swarup Roy, Computer Applications, Sikkim University)
<b>Major projects</b>	60 Months	National Mission for Sustaining the Himalayan Ecosystem (NMSHE), DST, Government of India	371.14	148	DST's Centre of Excellence on Water Resources, Cryosphere and Climate Change Studies (Investigators: Anil Kumar Misra, Rakesh Ranjan, Nishchal Wanjari, Geology, Sikkim University)
<b>Major projects</b>	36 Months	Science and Engineering Research Board	12.98	9	Study of spatially modulated states in condensed matter systems using gauge/gravity duality. (Investigators: Subir Mukhopadhyay, Physics, Sikkim University)

<b>Major projects</b>	36 Months	DST-SERB	52.76	35	Thermoelectric properties of Carbon nanomaterials under pressure (Investigator: Archana Tiwari, Physics, Sikkim University)
<b>Major projects</b>	24 Months	ICSSR New Delhi	10	10	Development of Women's Education and Problems of women students in higher education. (Investigator: Dr Y Bhutia, Education, Sikkim University)
<b>Minor projects</b>	24 Months	ICSSR	8.4	8	Economics and Efficiency of Organic Farming in Sikkim (Investigator: Prof. Manesh Choubey, Dr Rangalal Mohapatra Economics, Sikkim University)
<b>International Projects</b>	6 Months	UNU-WIDER (Consultancy Project)	\$10000 USD	10000	Finance, Gender and Entrepreneurship: India's informal sector firms (Investigators: Rajesh Raj S.N., Ira Gang (Rutgers University, US), Sikkim University)

<b>Minor projects</b>	24 Months	Indian Council of Social Science Research (ICSSR)	7	7	Medium of instruction and students' performance at the school level education in India's North-Eastern region (Investigators: Dr. Komol Singha, Economics, Dr. Rajesh Raj S N, Economics, Dr. Khangembam Indira, Sociology, Sikkim University)
<b>Minor projects</b>	24 Months	ICHR	3	3	Medieval in the Modern: Knowledge Production and Shaping of History (Investigator: Dr. S. Jeevanandam, History, Sikkim University)
<b>Minor projects</b>	24 Months	INSA	5.33	5	Antiquity and Social Aspects of Some Ethnic Fermented Foods and Beverages of North East India (Investigator: Dr Veenu Pant, History, Sikkim University)
<b>Minor projects</b>	3 months	NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS) G.B. Pant National Institute of Himalayan	9.01	9.01	"Jal Abhyaranya Campaign for Water Security in IHR" for Darjeeling, West Bengal (Investigators: Dr. Vimal Khawas, Peace and Conflict Studies

		Environment and Sustainable Development (GBPNIHESD) Kosi-Katarmal, Almora - 263643, Uttarakhand, India			Management, Sikkim University)
<b>Minor projects</b>	March 2019- to till date	Indian Council for Research on International Economic Relations (ICRIER)		35000	Project title: Facilitating India's Act East Policy: Gap Analysis in Infrastructure at Land Customs Stations in the North Eastern Region of India (Investigators: Political Science, Sikkim University)
<b>Minor projects</b>	March 2019- to till date	Indian Council for Research on International Economic Relations (ICRIER)			Border Trade between India and Tibet Autonomous Region (China) through Nathula (Investigators: Political Science, Sikkim University)
<b>International Projects</b>	15 Months	ICIMOD-HUC	\$35000	\$35000	Interfacing Indigenous Knowledge, Modern Science and Policymaking: Water and Climate Change in the Hindu-Kush Himalayan Region



					(Investigator: Lepcha, Charisma K., Anthropology, Sikkim University)
<b>Minor projects</b>	6 Months	Kendriya Hindi Santhan, Agra			Bhutia Lokkatha (Investigator: Dr. Chukey Bhutia, Hindi, Sikkim University)

<b>3.3 Innovation Ecosystem</b>		
<b>3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year</b>		
<b>Title of Workshop/Seminar</b>	<b>Name of the Dept.</b>	<b>Date(s)</b>
<b>School of Human Sciences</b>		
<b>Department of Anthropology</b>		
Prof.SameeraMaiti Memorial Lecture	Anthropology	1 November 2019
Special Deliberation and lectures	Anthropology	21 November 2019
Special Lecture	Anthropology	20 November 2019
International Day of The World'S Indigenous Peoples	Anthropology	9 August 2019
Special Lecture	Anthropology	7 August 2019
One Day Workshop HIV/AIDS and Prevalence of Tuberculosis in Sikkim : Practioner's and Community Perspectives'.	Anthropology	5 August 2019
World Museum Day	Anthropology	17 May 2019
Special Lecture	Anthropology	13 May 2019
<b>Department of Psychology</b>		
Special Lecture	Psychology	9-12 September 2019
Special Lecture	Psychology	5 March 2020
<b>School of Languages and Literature</b>		
<b>Department of Chinese</b>		
Capacity Building in Chinese Studies in Northeast India, 2nd Institute of Chinese Studies- Harvard Yenching Institute Colloquium	Chinese	11 June 2019
<b>Department of Hindi</b>		

Lok Sahitya Ki Rachnatmak Samvedana : Parampara Evm Yugbodh	Hindi	28-29 August 2019
<b>Department of Nepali</b>		
Creative Writing	Nepali	8 November 2019
Nepali Linguistics	Nepali	25 September 2019
<b>Department of English</b>		
Play Performance	English	26 November 2019
International Women's Day Conference	English	08 March 2020
<b>Department of Lepcha</b>		
Seminar	Lepcha	27 November 2019
<b>School of Life Sciences</b>		
<b>Department of Botany</b>		
Global Food Security and Climate Change-Some Technological Interventions	Botany	16 May 2019
<b>Department of Horticulture</b>		
Processing and Value Addition of Local Crop Germplasm	Horticulture	11-13 December 2019
<b>Department of Zoology</b>		
International conference in chemical ecology, environment and human health: Emerging frontiers and synthesis(ICCEEHH-2019)	Zoology	9-10 August 2019
<b>School of Physical Sciences</b>		
<b>Department of Computer Applications</b>		
Machine Learning and Big Data Analytics: Application to Remote Sensing	Computer Applications	19-20 August 2019
<b>School of Professional Studies</b>		
<b>Department of Commerce</b>		

Workshop on Structural Equation Modelling using AMOS	Commerce	10-11 November 2019
Workshop on Personality Development	Commerce	5 September 2019
<b>Department of Education</b>		
Deliberation and Panel Discussion on Draft National Education Policy 2019	Education	9 August 2019
National Seminar on Recent Trends in Educational Psychology	Education	11-12 November 2019
Research Methodology Course on Social Sciences	Education	18-28 Nov 2019
<b>Department of Music</b>		
Workshop on the Topic: Dhrupad Music and Carnatic Music (Violin)	Music	13- 16 November 2019
Workshop on Violin	Music	19-22 October 2019
<b>School of Social Sciences</b>		
<b>Department of History</b>		
Reimagining the History and Traditions of the People of Sikkim	History	14-15 November 2019
<b>Department of International Relations</b>		
VIII Distinguished Foreign Policy Lecture by Amb. M Ganapathi	International Relations	19 September 2019
<b>Department of Sociology</b>		
Training Workshop on Skill Development of Women for Employability and Entrepreneurship in North East Region	International Relations	21-24 August 2019
<b>Hindi Cell</b>		
Sentence structure in Hindi and other grammatical aspects	Hindi Cell	25 June 2019

Hindi Typing in computer	Hindi Cell	19 August 2019
Workshop on “Knowledge of Hindi Language – In context of Grammar”	Hindi Cell	29 March 2019
Official Noting	Hindi Cell	30 December 2019
Hindi Pakhawada	Hindi Cell	14-30 September 2019
<b>Central Library</b>		
User Awareness Programme on ScienceDirect and Springer Nature	Central Library	30 August 2019
Orientation Programme	Central Library	30 August 2019 to 6 September 2019
User Awareness Programme on Urkund & Remote Access Services	Central Library	29 November 2019
<b>Centre for Endangered Languages</b>		
Scripts and Font Development for Endangered Lan- guages of Sikkim and the Himalay- as	CEL	23-27 September, 2019
Grammatical Variation: Tibeto-Burman Agreement System	CEL	10-12 November 2019

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

**3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year**

<b>Title of the innovation</b>	<b>Name of the Awardee</b>	<b>Awarding Agency</b>	<b>Date of Award</b>	<b>Category</b>
NIL				

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

<b>Incubation Centre</b>	<b>Name</b>	<b>Sponsored by</b>
NIL		
<b>Name of the Start-up</b>	<b>Nature of Start-up</b>	<b>Date of commencement</b>
NIL		

<b>3.4 Research Publications and Awards</b>	
<b>3.4.1 Ph. Ds awarded during the year</b>	
<b>Name of the Department</b>	<b>No. of Ph. Ds Awarded</b>
<b>School of Human Sciences</b>	
<b>Department of Psychology</b>	
Geography	2
Psychology	1
<b>School of Languages and Literature</b>	
<b>Department of Nepali</b>	
Nepali	5
English	1
<b>School of Life Sciences</b>	
<b>Department of Botany</b>	
Botany	2
<b>Department of Horticulture</b>	
Horticulture	2
<b>Department of Microbiology</b>	
Microbiology	4
<b>School of Physical Sciences</b>	
<b>Department of Physics</b>	
Physics	3
<b>School of Professional Sciences</b>	
<b>Department of Commerce</b>	
Commerce	3
<b>Department of Management</b>	
Management	1
<b>School of Social Sciences</b>	
<b>Department of History</b>	
History	1
<b>Department of International Relations</b>	
International Relations	1
<b>Department of Peace and Conflict Studies and Management</b>	

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Department of Peace and Conflict Studies and Management	2
<b>Department of Law</b>	
Law	1
<b>Department of Sociology</b>	
Sociology	1



<b>3.4.2 Research Publications in the Journals notified on UGC website during the year</b>			
<b>Type</b>	<b>Department</b>	<b>No. of Publication</b>	<b>Average Impact Factor, if any</b>
<b>School of Human Sciences</b>			
<b>Department of Anthropology</b>			
National	Anthropology	2	-
International 1	Anthropology	1	-
<b>Department of Geography</b>			
National	Geography	1	-
International 1	Geography	1	-
<b>Department of Psychology</b>			
National	Psychology	1	-
International 1	Psychology	5	-
<b>School of Languages and Literature</b>			
<b>Department of Chinese</b>			
National	Chinese	2	-
<b>Department of Hindi</b>			
National	Hindi	5	-
<b>Department of Nepali</b>			
National	Nepali	1	-
International 1	Nepali	1	-
<b>Department of English</b>			
National	English	4	-
International 1	English	2	-

<b>School of Life Sciences</b>			
<b>Department of Botany</b>			
National	Botany	2	-
International 1	Botany	10	-
<b>Department of Horticulture</b>			
National	Horticulture	1	-
International 1	Horticulture	8	-
<b>Department of Microbiology</b>			
National	Microbiology	1	-
International 1	Microbiology	9	-
<b>Department of Zoology</b>			
National	Zoology	1	-
International 1	Zoology	6	-
<b>School of Physical Sciences</b>			
<b>Department of Chemistry</b>			
National	Chemistry	1	-
International 1	Chemistry	11	-
<b>Department of Computer Applications</b>			
International 1	Computer Applications	4	-
<b>Department of Geology</b>			
National	Geology	3	-
International 1	Geology	8	-
<b>Department of Mathematics</b>			
International 1	Mathematics	1	-

<b>Department of Physics</b>			
International 1	Physics	16	-
<b>School of Professionals Studies</b>			
<b>Department of Commerce</b>			
National	Commerce	1	-
International 1	Commerce	1	-
<b>Department of Education</b>			
National	Education	4	-
International 1	Education	8	-
<b>Department of Management</b>			
National	Management	3	-
International 1	Management	4	-
<b>Department of Mass Communications</b>			
International 1	Mass Communications	1	-
<b>Department of Music</b>			
National	Music	4	-
International 1	Music	1	-
<b>School of Social Sciences</b>			
<b>Department of Economics</b>			
National	Economics	5	-
International 1	Economics	1	-
<b>Department of International Relations</b>			
International 1	International Relations	3	
<b>Department of Law</b>			

National	Law	3	-
International 1	Law	3	-
<b>Department of Peace and Conflict Studies &amp; Management</b>			
International 1	Peace and Conflict Studies & Management	3	-
<b>Department of Political Science</b>			
National	Political Science	1	-
<b>Department of Sociology</b>			
National	Sociology	1	-
International 1	Sociology	3	-
<b>Center for Bioinformatics</b>			
International 1	Center for Bioinformatics	3	-

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

Department	No. of publication
<b>School of Human Sciences</b>	
Anthropology	5
<b>School of Languages and Literature</b>	
Hindi	1
Nepali	8
<b>School of Life Sciences</b>	
Microbiology	4
<b>School of Physical Sciences</b>	
Computer Applications	2
Geology	1
<b>School of Professionals Studies</b>	
Commerce	2
Education	5
Management	5
Music	1
Tourism	1
<b>School of Social Sciences</b>	
Economics	5
History	6
Law	5
Peace and Conflict Studies & Management	10
Political Science	6
Sociology	2

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

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<b>3.4.4 Patents published/awarded during the year</b>			
<b>Patent Details</b>	<b>Patent status Published/Filed</b>	<b>Patent Number</b>	<b>Date of Award</b>
NIL			

<b>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</b>						
<b>Title of the paper</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year of publication</b>	<b>Citation Index</b>	<b>Institutional affiliation as mentioned in the publication</b>	<b>Number of citations excluding self-citations</b>
<b>School of Human Sciences</b>						
<b>Department of Anthropology</b>						
A Discourse on future anthrosopes in India	Rama Mohan, K.R.	North Bengal Anthropologist	2020	NIL	Sikkim University	NIL
Determinants of underweight and overweight among Khasi males of Saiden village of Meghalaya, Northeast India	Singh, MS.	Online Journal of Health Allied Sciences	2020	NIL	Sikkim University	NIL
Nutritional status among the Khasi women of Saiden village, Meghalaya	Sharma, Y. and Singh, MS.	South Asian Anthropologist	2019	NIL	Sikkim University	NIL
<b>Department of Geography</b>						

Assessment of Hydromorphological condition of Upper and lower dams of River Teesta in Sikkim	Sharma, D., Elangbam, I., Paul,K. and Mukharjee, S.	Journal of Spatial Hydrology	2019	NIL	Sikkim University	NIL
Size and trade relations of small tea growers (STGs) in Assam and North Bengal	Hannan, A.	Social Change and Development	2019	NIL	Sikkim University	NIL
<b>Department of Psychology</b>						
Gender differences on academic stress, depression and suicide ideation among school-going adolescents	Rai, S., and Panda, S.	International Journal of Research and Analytical Reviews (IJRAR)	2019	NIL	Sikkim University	NIL
Socio-demographic correlates of happiness across different age groups	Moirangthem, S., and Panda, S.	Indian Journal of Psychology & Education	2020	NIL	Sikkim University	NIL
Exploring perceived sources of happiness,	Kashyap, K., Das, K., and Panda, S.	International Journal of Asia	2019	NIL	Sikkim University	NIL



psychological well-being and coping among institutionalized Buddhist monks of Sikkim state of India		Pacific School Psychology				
Comparative gender analysis of happiness in late adolescents	Moirangthem, S., and Panda, S.	International Journal of Research and Analytical Reviews	2019	NIL	Sikkim University	NIL
The Emotionally Intelligent School Leader: Enhancing Adolescents' Social-Emotional Competence	Farooqi, S. & Namrata	Psychreg Journal of Psychology	2019	NIL	Sikkim University	NIL
WhatsApp groups in academic context: Exploring the academic uses of WhatsApp groups among the students	Baishya, D. and Maheshwari, S.	Contemporary Educational Technology	2020	2	Sikkim University	2 Scopus

**School of Languages and Literature**

<b>Department of Hindi</b>						
Bhartiya Sahitya Ke Adhyayan Mein Anuvad Ki Bhumika	Shahu, D.	Alochana Chakra	2020	NIL	Sikkim University	NIL
Maithilisharan Gupt Krit Saket Mahakavya Mein Gandhivadi Vichardhara	Shahu, D.	Meghalaya Darpan.	2020	NIL	Sikkim University	NIL
Patratmak Shaili Aur Amarkant Ki Kahaniyan	Tripathi, P.	Setu	2019	NIL	Sikkim University	NIL
Kalpana Patrika Ka Sahityik Yogdan	Tripathi, P.	Hindi Samay	2019	NIL	Sikkim University	NIL
Dard Ke Ek-Ek Reshe Se Tootati Chuppi Waya Jangali Fool	Tripathi, P.	Harit Vasundhara	2019	NIL	Sikkim University	NIL
<b>Department of Nepali</b>						
Index and localisation in sign language: interface requirements in search of features	Sinha, Samar	Nepalese Linguistics	2019	NIL	Sikkim University	NIL

Lepcha Lokkatha: Pariwesh Myth ani Etyhaas	Pandey, Balaram	Nepali Akademi Journal	2019	NIL	Sikkim University	NIL
<b>Department of English</b>						
Other Histories: Mapping Indian-Nepali Feminist Epistemology	Chamling, Rosy	Rock Pebbles. XXIV (I &II)	2020	NIL	Sikkim University	NIL
Politics of Postcolonial Indian English: Meta Language as Indigenous Mode of Subversive Discourse in Rushdie's Midnights' Children	Yadav, Ram Bhawan	International Journal of Higher Education and Research	2019	NIL	Sikkim University	NIL
Indian Lexicon and Child's Lingo: vernacularization/ appropriation of colonial English in Arundhati Roy's The God of Small Things	Yadav, Ram Bhawan	Glocal Colloquies: An International Journal of World Literatures and Cultures.	2019	NIL	Sikkim University	NIL

Truth or Treachery?: Questioning authenticity and invisibility in travel and translation. Translation, Nation and Knowledge Society	Saha, Saswati	A Special Issue of Translation Today.	2019	NIL	Sikkim University	NIL
Travelling Across Languages: Translation and Plurilingualism in Interlingual Travel	Saha, Saswati	Sahitya.	2019	NIL	Sikkim University	NIL
Indian Anuvad or English Translation? Combining Tradition and Modernity in the Nationalistic Translation of Nineteenth Century Bengal	Saha, Saswati	Translation Today.	2019	NIL	Sikkim University	NIL
<b>School of Life Sciences</b>						
<b>Department of Botany</b>						

Variations in the trnHpsbA region of <i>Mucuna pruriens</i> L. (DC.) varieties of India: an insight on intra-specific diversity	K.V. Rashmi, N. Sathyanarayana, and S.M. Vidya.	Indian J. Agric. Res.	2019	NIL	Sikkim University	NIL
Microsatellite analysis reveals low inter-population differentiation in velvet bean ( <i>Mucuna pruriens</i> var. <i>Utilis</i> ) of India	Kumar, P.R., Sai Sundeep. And N Sathyanarayana	Nucleus	2019	1	Sikkim University	1 Scopus
Population assessment and species distribution modelling of <i>Paris polyphylla</i> Smith in Sikkim Himalaya India	Lepcha DL, Pradhan A and Chhetri DR	Biodiversitas.	2019	2	Sikkim University	2 Scopus
Antioxidant and cytotoxic attributes of <i>Paris polyphylla</i> Smith from Sikkim Himalaya	Lepcha DL, Chhetri A and Chhetri DR	Pharmacognosy Journal.	2019	2	Sikkim University	2 Scopus

Antioxidant and cytotoxic activities of <i>Isaria amoenerosea</i> Henn.: An entomopathogenic fungus from Darjeeling Hills, Eastern Himalaya	Chhetri A, Pokhrel YR, Shahi N, Lama D and Chhetri DR	Indian Journal of Natural Products and Resources	2019	NIL	Sikkim University	NIL
Myo-Inositol and its Derivatives: Their Emerging Role in the Treatment of Human Diseases	Chhetri DR:	Frontiers in Pharmacology.	2019	18	Sikkim University	18 Scopus
Impact of Climate Change on Distribution of Caterpillar Fungus, <i>Ophiocordyceps sinensis</i> in Sikkim Himalaya India	Chettri A, Pradhan A and Chhetri DR	Asian Journal of Conservation Biology	2019	NIL	Sikkim University	NIL
Predicting the distribution of suitable habitats for <i>Pandanus unguifer</i> Hook. f.-A	Aditya, P., Adhikari, D. and Chettri, A.	International Journal of Conservation Science	2020	NIL	Sikkim University	NIL

dwarf endemic species from Sikkim Himalayas, through ecological niche modelling						
Ecological niche modeling as a cumulative environmental impact assessment tool for biodiversity assessment and conservation planning: A case study of critically endangered plant Lagerstroemia minuticarpa in the Indian Eastern Himalaya	Dibyendu, A., Tiwary, R., Singh, P. P., Upadhaya, K., Singh, B., Haridasan, K. E., H., Bhatt, B. B., Chettri, A. and Barik. S. K.	Journal of Environmental Management	2019	11	Sikkim University	11 Scopus
Vegetation analysis of Oak Forests of Fambong Iho Wildlife Sanctuary in Sikkim Himalayas	Gurung, S. and Chettri, A.	International Journal of Basic and Applied Biology	2019	NIL	Sikkim University	NIL

Pollination in an endemic and threatened monoecious herb <i>Begonia satrapis</i> C. B. Clarke (Begoniaceae) in the Eastern Himalaya India	Gurung, S., Pradhan, A. and Chettri A.	Journal of Threatened Taxa	2019	NIL	Sikkim University	NIL
Carbon storage potential of a traditional cardamom Agroforestry system of Sikkim Himalayas	Lepcha, NT and Devi, NB	Ecology Environment & Conservation	2019	NIL	Sikkim University	NIL
<b>Department of Horticulture</b>						
An efficient method for acclimatization: In vitro hardening of tissue culture raised tea plants [ <i>Camellia sinensis</i> (L.) O. Kuntze]	Bag N., Palni LMS and Nandi SK	Current Science	2019	3	Sikkim University	3 Scopus
Antimetastatic Properties of Tea Polyphenols,	Bag N. and Bag A.	Nutrition and Cancer	2019	NIL	Sikkim University	NIL



<p>Invasive pest <i>Tuta absoluta</i> (Meyrick) on tomato- Alert in Sikkim</p>	<p>Rajesh Kumar, Maneesh Pal Singh, Niladri Bag*, Laxuman Sharma and Bahadur Singh Bamaniya</p>	<p>Indian Journal of Entomology</p>	<p>2020</p>	<p>NIL</p>	<p>Sikkim University</p>	<p>NIL</p>
<p>Antagonistic and plant-growth promoting novel <i>Bacillus</i> species from long-term organic farming soils from Sikkim, India</p>	<p>Periyasamy, P., Senapati,,A., Kumar, U., Sharma, L., Lepcha, P.,Prabhukarthik eyan, SR., Jahan, A., Parameshwaran, C., Govindharaj, G.P.P., Lenka, S., Nayak, P. K., Mitra, D., Mahapatra, S., Sagarika, S., Thangappan, U.S.,</p>	<p>Biotech</p>	<p>2019</p>	<p>6</p>	<p>Sikkim University</p>	<p>6 Scopus</p>

Anti-oxidant activity, nutritional, multi-elemental and bioactive profile of Sikkim Himalayan indigenous Chili (DalleKhursani)	Katoon, U. and Sharma, L.	Research Journal of Biotechnology.	2019	NIL	Sikkim University	NIL
Grain size and shape reflects variability in metabolite and elemental composition in traditional rice varieties	Kotamreddy, JNR., Barman, M., Sharma, L., Mitra, A.	Journal of Food Measurement and Characterization	2020	1	Sikkim University	1 Scopus
Targeted Metabolic Profiling of Black Turmeric (Curcuma caesia Roxb.) accessions for Industrially Important Compounds	Tamang, Deeki L., Manivannan S., Upadhyay S. and Roy Biswajit G.	Research Journal of Biotechnology.	2019	NIL	Sikkim University	NIL
Diversified morphological and phytochemicalscreenin	Bhattacharai B and Rana, M.	Ecology, Environment and Conservation	2020	NIL	Sikkim University	NIL

g of Wild Begonia of Sikkim Himalaya						
Comparative Evaluation of Growth and Flowering Characteristic of Alstroemeria Varieties under Sikkim Condition	Rai S and Rana, M.	International J. Curenet Microbiology & Applied Science	2019	NIL	Sikkim University	NIL
<b>Department of Microbiology</b>						
Phenotypic and genotypic identification of bacteria isolated from traditionally prepared dry starters of the Eastern Himalayas	Pradhan, P. and Tamang, J.P.	Frontiers in Microbiology	2019	6	Sikkim University	6 Scopus
Khyopeh, a traditional fermented yak meat product of Sikkim	Bhutia, M., Thapa, N. and Tamang, J.P.	Indian Journal of Traditional Knowledge	2020	1	Sikkim University	1 Scopus
Fermented foods in a global age: east meets west	Tamang, J.P., Cotter, P., Endo, A., Han, N.S.,	Comprehensive Reviews in Food	2020	27	Sikkim University	27 Scopus

	Kort, R., Liu, S.Q., Mayo, B., Westerik, N., and Hutkins, R.	Science and Food Safety				
Genome analysis of Lactobacillus plantarum isolated from some Indian fermented foods for bacteriocin production and probiotic marker genes	Goel, A., Halami, P.M. and Tamang, J.P.	Frontiers in Microbiology	2020	NIL	Sikkim University	NIL
Diversity of filamentous fungi isolated from some amylase and alcohol-producing starters of India	Anupma A and Tamang, J.P.	Frontiers in Microbiology	2020	3	Sikkim University	3 Scopus
Physicochemical and Alarming Coliform Count of the potable water of Eastern Himalayan State Sikkim: An Indication	Singh AK, Das S, Singh S, Pradhan N, Kumar S, Gajamer VR, Lepcha YD, Tiwari HK.	Frontiers in Public Health	2019	NIL	Sikkim University	NIL

of Severe Fecal Contamination and Immediate Health Risk						
High Prevalence of cabapenamase genes, AmpC genes and aminoglycoside resistance genes in extended spectrum $\beta$ -lactamase positive uropathogens from Northern India	Gajamer VR, Bhattacharjee A, Paul D, Inti B, Sarkar A, Kapil J, Singh AK, Pradhan N, Tiwari HK.	Journal of Global Antimicrobial Resistance	2019	NIL	Sikkim University	NIL
Potential antibacterial and antioxidant properties of aqueous, ethanol and methanol extracts of TectariamacrodontaC. Chr	Poudyali, B. and Singh, B.	International Journal of Pharmaceutical Sciences and Research	2019	NIL	Sikkim University	NIL
Culture independent bacterial diversity of Changmekhang and ChangmeKhangpu	Sherpa, M. T., Najar, I. N., Das, S. and Thakur, N.	Environmental Sustainability	2019	NIL	Sikkim University	NIL

glaciers of North Sikkim India						
Bacterial diversity and functional metagenomics expounding the diversity of xenobiotics, stress, defense and CRISPR gene ontology providing eco-efficiency to Himalayan Hot Springs	Najar, I.N., Sherpa, M.T., Das, S.,Thakur, N.	Functional & Integrative Genomics	2020	2	Sikkim University	2 Scopus
<b>Department of Zoology</b>						
Rich yet undocumented ethnozoological practices of socio-culturally diverse indigenous communities of Sikkim Himalaya, India	Dhakal, P., Chettri, B., Lepcha, S. and Acharya, B.K.	Journal of Ethnopharmacology	2020	2	Sikkim University	2 Scopus

Effectiveness of organic terrace rice cultivation in conservation of odonates in Sikkim, Eastern Himalaya India	Dewan, S., Darnal, N., Acharya, B.K., Subramanian, K.A., Chettri, B. and Jins, V.J.	International Journal of Odonatology	2019	NIL	Sikkim University	NIL
Land use effect on butterfly alpha and beta diversity in the Eastern Himalaya, India	Sharma, K., Acharya, B.K., Sharma, G., Valente, D., Pasimeni, M.R, Petrosillo, I. and Selvan, T.	Ecological Indicators	2020	5	Sikkim University	5 Scopus
Population density and damage of invasive Giant African Snail Achatina fulica in organic farm in East Sikkim, India	Thakuri, B., Acharya, B.K. and Sharma, G.	Indian Journal of Ecology	2019	2	Sikkim University	2 Scopus
Kitam Bird Sanctuary, the only low elevation protected area of Sikkim: A	Dewan, S., Chettri, I.K., Sharma, K. and Acharya, B.K.	Journal of Asia-Pacific Entomology	2019	5	Sikkim University	5 Scopus

conservation hotspot for butterflies in the Eastern Himalaya						
Study of the mosquito larval diversity in artificial breeding sites of Gangtok, Sikkim	Singh, B., Gurung, J., Chakraborty, A.	International Journal of Mosquito Research	2019	NIL	Sikkim University	NIL
Artyfechinostomum sufrartyfex Trematode Infections in Children, Bihar, India	Prasad YK, Dahal S, Saikia B, Bordoloi B, Tandon V and Ghatani, S.	Emerging Infectious Diseases	2019	NIL	Sikkim University	NIL
<b>School of Physical Sciences</b>						
<b>Department of Chemistry</b>						
Study of structural stability of copper crystal with voids from molecular dynamics simulations	Hazarika M.P. and Chakraborty S.N.	Chemical Physics Letters	2019	2	Sikkim University	2 Scopus
Local structure in water and its comparison with hexagonal ice from	Prasad M. and Chakraborty S.N.	Molecular Simulation	2020	NIL	Sikkim University	NIL



Molecular Dynamics simulations of TIP4P/2005 water model						
Relaxation dynamics and power spectra of liquid water: a molecular dynamics simulation Study	Prasad M., English N.J, Chakraborty S.N.	Molecular Physics	2020	1	Sikkim University	Scopus
Long-term ambient air-stable cubic CsPbBr <sub>3</sub> perovskite quantum dots using molecular bromine	Thapa, S., Bhardwaj, K., Basel, S., Pradhan, S., Eling, C. J., Adawi, A.M., Bouillard, J-S. G., Stasiuk, G. J., Reiss, P., Pariyar, A., and Tamang S.	Nanoscale Advances	2019	9	Sikkim University	Scopus
DBU-Catalyzed One-Pot Synthesis of Nearly Any Metal Salt of Fatty Acid (M-FA): A	Basel, S., Bhardwaj, K., Pradhan, S.,	ACS Omega	2020	1	Sikkim University	1 Scopus

Library of Metal Precursors to Semiconductor Nanocrystal Synthesis.	Pariyar, A. and Tamang, S.					
Efficient iron catalyzed ligand-free access to acridines and acridinium ions	S. Mandal, K. Chhetri, S. Bhuyan and Roy, B.G.	Green Chemistry	2020	1	Sikkim University	1 Scopus
Storing redox equivalent in the phenalenyl backbone towards catalytic multi-electron reduction	Bhunia, M., Sahoo, S. R., Shaw, B.K., Vaidya, S., Pariyar, A., Vijaykumar, G., Adhikari, D., Mandal, S.K.	Chemical Science	2019	NIL	Sikkim University	NIL
Synthesis, structures and catalase activities of bis( $\mu$ -oxo)diMn <sup>III</sup> , <sup>III</sup> and bis( $\mu$ -acetato)diMn <sup>II</sup> , <sup>II</sup> complexes bearing a quinolyl donor tripod ligand	Biswas, S., Das, P., Rasaily, S., Pariyar, A., Biswas, A.N.	Inororganic Chemica Acta	2019	2	Sikkim University	2 Scopus

DBU-Catalyzed One-Pot Synthesis of Nearly Any Metal Salt of Fatty Acid (M-FA): A Library of Metal Precursors to Semiconductor Nanocrystal Synthesis	Basel, S., Bharadwaj, K., Pradhan, S., Pariyar, A., Tamang, S.	ACS Omega 5	2020	1	Sikkim University	1 Scopus
Temperature-induced single-crystal-to-single-crystal transformations with consequential changes in the magnetic properties of Fe(III) complexes	Adhikary, A., Akhtar, S., Pariyar, A., Batsanov, A.S., Mondal, R.	ACS Omega 4	2019	2	Sikkim University	2 Scopus
Optical preparation and manipulation of ground-state coherent vibrational wavepackets of varying constituents in HD <sup>+</sup>	Souvik Chatterjee and S. S. Bhattacharyya	Pramana – J. Phys.	2019	NIL	Sikkim University	NIL
Effects of intense chirped x-ray laser on	Souvik Chatterjee	J. Phys. B.	2020	NIL	Sikkim University	NIL

Resonant Auger process through multiplecore-excited states						
<b>Department of Computer Applications, School of Physical Sciences, Sikkim University</b>						
InOvIn: A fuzzy-rough approach for detecting overlapping communities with intrinsic structures in evolving networks.	Nath, Keshab, Swarup Roy, and Sukumar Nandi.	Applied Soft Computing 89: 106096. 89: 106096.	2020	2	Sikkim University	2 Scopus
Assessing the Effectiveness of Causality Inference Methods for Gene Regulatory Networks.	Ahmed, Syed Sazzad, Swarup Roy, and Jugal K. Kalita.	IEEE- Transactions on Computational Biology and Bioinformatics 17 (1): 56-70.	2020	NIL	Sikkim University	NIL
Functional module extraction by ensembling the ensembles of selective module detectors.	Jha, Monica, Pietro Hiram Guzzi, Pierangelo Veltri, and Swarup Roy.	International Journal of Computational Biology and Drug Design 12(4): 345-361.	2019	NIL	Sikkim University	NIL

Energy Packet Networks	Ray, P.P.	An Annotated Bibliography, 1 (6)	2020	NIL	Sikkim University	NIL
<b>Department of Geology</b>						
Determination of sensitivity of drainage morphometry towards hydrological response interactions for various datasets.	Akshay Omprakash Jain, Tejaskumar Prakashchandra Thaker, Anil Kumar Misra, Anupam Kumar Singh, Priyanka Kumari	Environment, Development and Sustainability.	2020	NIL	Sikkim University	NIL
Impact of pile foundations adjacent to tunnels in sandy stratum	Monica Malhotra, Vaishali Sahu, Amit Srivastava, Anil Kumar Misra	Sadhana	2019	NIL	Sikkim University	NIL
Simplified probabilistic seismic assessment of dampers in tall and braced structures in buildings	T. Singh, M. Kalra, and Anil Kumar Misra,	Journal of Engineering, Design and Technology	2020	NIL	Sikkim University	NIL

Experimental and numerical investigation of the effect of pre-existing utility tunnel on the bearing capacity of shallow footing in sandy soils	Monica Malhotra, Vaishali Sahu, Amit Srivastava, Anil Kumar Misra,	Journal of Engineering, Design and Technology.	2019	NIL	Sikkim University	NIL
Assessment of geomorphological and hydrological variations in Bhagirathi River Drainage sub-basin with the help of morphometric studies	Naval Kishore Tewari, Anil Kumar Misra & Anshumali Sharma	Journal of Taibah University for Science	2019	NIL	Sikkim University	NIL
Landslide vulnerability assessment in Gangotri valley glacier Himalaya through GIS and remote sensing techniques	Naval Kishore Tewari, Anil Kumar Misra	Applied Water Science	2019	NIL	Sikkim University	NIL
Spatial Variability modeling and reliability analysis of	Amit Srivastava, Dharmendra Kumar	Journal of Engineering,	2019	NIL	Sikkim University	NIL

flexible pavement through mechanistic-empirical model	Srivastava, Anil Kumar Misra	Design and Technology				
Global Cretaceous – Tertiary Boundary, and Mass Extinction, Deccan volcanism, Asteroid impact and Paleoclimate Change in the Northern and Southern Hemispheres with Special Reference to the Himalaya	Tewari, V.C. (2019)	Jour. Ind. Geol. Congr	2019	NIL	Sikkim University	NIL
Permian Tethyan transgression in Sikkim-Darjeeling Himalaya with special reference to the Paleoclimatic event	Raj Kumar Priya, V.C. Tewari, and Rakesh Ranjan	Bulletin of Nepal Geological Society	2019	NIL	Sikkim University	NIL
Mitigation and Bioengineering Measures for Prevention of the	Tewari, V.C. and Victoria Z. Bryanne	Journal of Nepal Geological Society	2019	NIL	Sikkim University	NIL

Surbhi Resort Landslide, Mussoorie Hills, Uttarakhand Lesser Himalaya India						
Seasonal Variations of Stream Hydrochemistry and Relationships with Morphometric/Landco ver Parameters in the Bhagirathi Watershed, Gharwal Himalaya, India	Zabiullah Ansari, Sarfaraz Ahmad and Mohd. Abdullah Khan	Journal Geological Society of India	2019	NIL	Sikkim University	NIL
<b>Department of Mathematics</b>						
Generalized Fiedler Pencils with Repetition for Rational Matrix Functions	Behera, N.	FILOAMT	2020	NIL	Sikkim University	NIL
<b>Department of Physics</b>						
DC conductivity from backreacted non- linear arcsin electrodynamics	Nishal Rai and Subir Mukhopadhyay	Annals of Physics	2019	NIL	Sikkim University	NIL



Hyperscaling violating geometry with magnetic field and DC conductivity	Subir Mukhopadhyay and Chandrima Paul	Nuclear Physics B	2019	NIL	Sikkim University	NIL
Nature friendly cleaning: the detergency of hamburger seed	Asha Tongbram and Amitabha Bhattacharyya.	IOP Conf. Series: Journal of Physics: Conf. Series 1330: 012006	2019	NIL	Sikkim University	NIL
Effects on surface-enhanced Raman scattering from copper nanoparticles synthesized by laser ablation	Rajesh Rawat, Archana Tiwari, Manish Kumar Singh, R.K. Mandal, A.P. Pathak & Ajay Tripathi	Radiation Effects and Defects in Solids	2020	NIL	Sikkim University	NIL
Synthesis of CuO hollow nanoparticles using laser ablation: effect of fluence and solvents	Rawat, R., Tiwari, A., Arun, N. et al.	Appl. Phys. A	2020	NIL	Sikkim University	NIL
Synthesis of anisotropic Au-Cu alloy nanostructures	Singh, M.K., Chettri, P., Basu, J., Tripathi, A.,	Materials Research Express	2020	NIL	Sikkim University	NIL

and its application in SERS for detection of methylene blue	Mukherjee, B., Tiwari, A., & Mandal, R.K.					
Solvents Effect on the Morphology and Stability of Cu/CuO Nanoparticles Synthesized at High Fluence Laser Ablation	Rawat, R., Tiwari, A., Arun, N., Rao, S. N., Pathak, A.P., & Tripathi, A.	Chemistryselect	2019	NIL	Sikkim University	NIL
Synthesis of rod-shaped Au-Cu intermetallic nanoparticles and SERS detection	Singh, M.K., Chettri, P., Basu, J., Tripathi, A., Mukherjee, B., Tiwari, A., & Mandal, R. K.	Materials Letters	2019	NIL	Sikkim University	NIL
Eriochrome Black T sensing using silver nanoparticle-reduced graphene oxide composite via luminescent “turn-off” mechanism and its biosorption on guava	Chettri, P., Singh, M.K., Tripathi, A. et al.	Graphene Technol	2019	NIL	Sikkim University	NIL

(Psidium guajava) leaf powder						
Room-temperature ferromagnetism in boron-doped oxides: a combined first-principle and experimental study	Homnath Luitel, Sujata Roy, Mahuya Chakrabarti, P. Chettri, A. Tiwari, V. Naik & D. Sanyal	Philosophical Magazine Letters	2020	NIL	Sikkim University	NIL
Coherent Structures and Spectral Shapes of Kinetic Alfvén Turbulence in Solar Wind at 1 AU	Singh, H.D. and B.S. Jatav	Research in Astronomy and Astrophysics	2019	NIL	Sikkim University	NIL
Anisotropic turbulence of kinetic Alfvén waves and heating in solar corona	Singh, H.D. and B. S. Jatav	Research in Astronomy and Astrophysics	2019	2	Sikkim University	2 Scopus
Structured water chains in external electric fields	Smita Rai, Nayan Sharma, and Dhurba Rai	Molecular Physics	2019	NIL	Sikkim University	NIL

Approach-to-magnetic saturation of Fe nanoparticle/nanorod encapsulated multi-walled carbon nanotubes under heavy ion irradiation	V Saikiran, Pathak, A.P., et al.	Physica B	2020	1	Sikkim University	1 Scopus
120 MeV Ag Ion irradiation induced intermixing, grain fragmentation in HfO <sub>2</sub> /GaOx thin films and consequent effects on electrical properties of HfO <sub>2</sub> /GaOx/Si based MOS capacitors Radiaton	V Saikiran, Pathak, A.P., et al.	Effects and Defects in Solids	2020	NIL	Sikkim University	NIL
Radiation tolerance, charge trapping and defect dynamics studies of ALD grown Al/HfO <sub>2</sub> /Si nMOSCAPs	N Manikanthababu, Pathak, AP et al.	Journal of Materials Science: Materials in Electronics (JMSE)	2020	3	Sikkim University	3 Scopus
<b>School of Professionals Studies</b>						

<b>Department of Commerce</b>						
Diagnosing the financial distress in oil drilling and exploration sector of india through discriminant analysis	Nandi A, Sengupta P.P and Dutta, A.	Vision 1-10.	2019	2	Sikkim University	2 Scopus
Perspective of the behaviour of retail investors: an analysis with indian stock market data	Dutta, A., Sinha, M. and Gahan, P.	Advances in Intelligent Systems and Computing (Springer)	2019	1	Sikkim University	1 Scopus
<b>Department of Education</b>						
Prevalence of Depression, Anxiety and Stress among Teacher Trainees of Sikkim	Bhutia, Y. & Gurung, K.	International Journal of Research in Humanities, Arts and Literature	2019	NIL	Sikkim University	NIL
Attitude of BEd student teachers toward using Cyber Resource	Bhutia, Y. & Jha, K. K.	International Journal of Science and Research	2019	NIL	Sikkim University	NIL

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Cyber Crime Awareness among student-teacher of B.Ed in relation to their internet usage	Bhutia, Y. & Passah, E.	EDU WORLD- A Peer Reviewed Journal of Education and Humanities	2019	NIL	Sikkim University	NIL
Educational aspiration of Bhtuia Tribe Senior Secondary school students of Sikkim	Bhutia, K, Bhutia Y. and Mishra, S.	Shodh Sanchar Bulletin	2019	NIL	Sikkim University	NIL
Conundrums on educational choices of Bhutia Tribe students of Sikkim	Bhutia, K, Bhutia Y. and Mishra, S.	Sodh Sarita	2019	NIL	Sikkim University	NIL
Personality characteristics and self-concept among Secondary School Students	Khatun, R. and Verma, A.	International Journal of Research in Humanities, Arts and Literature.	2019	NIL	Sikkim University	NIL
Monitoring and supervision of civil and academic works by school management committees in Sikkim	Sharma, A and Rout, K.S.	Research Review Journal,	2019	NIL	Sikkim University	NIL

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Higher Education: Autonomy and Accountability in India	R.S.S.Nehru	Andayal Journal	2019	NIL	Sikkim University	NIL
Inclusion and Right to Education (RTE-2009) at school level	R.S.S.Nehru	Journal of Xi'an University of Architecture & Technology,	2020	NIL	Sikkim University	NIL
Educational skills : significance and strategies for 21st century learners	R.S.S.Nehru	Journal of Scientific Computing	2020	NIL	Sikkim University	NIL
emerging challenges and strategies for Indian educational services sector	R.S.S.Nehru	Compliance Engineering Journal	2020	NIL	Sikkim University	NIL
Peace education why ? Where ? How?	R.S.S.Nehru	Adalya Journal	2020	NIL	Sikkim University	NIL
<b>Department of Management</b>						
Performance Evaluation of Banks in Bhutan: An Application of	Pradhan, Aaditya; Murari, Krishna	IUP Journal of Bank Management	2019	NIL	Sikkim University	NIL

Balanced Score Card Approach						
Determinants of Financial Performance of Banks in Bhutan: A Case study of Bhutan National Bank Ltd	Pradhan, Aaditya; Murari, Krishna	Bhutan Journal of Research & Development	2019	NIL	Sikkim University	NIL
Managing Household Finance: An Assessment of Financial Knowledge & Behaviour of Rural Households	Murari, Krishna	Journal of Rural Development	2019	NIL	Sikkim University	NIL
Job stress and work life balance among the employees of Mahindra & Mahindra motors & Mahindra finance, Sikkim	Das, P.K., Pradhan, Raj.	Int J Recent Sci Res.	2019	NIL	Sikkim University	NIL
Role of Yoga in Managing Stress among Middle Level Managers of select	Das, P.K.	International Journal for Research in Engineering Application &	2019	NIL	Sikkim University	NIL



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Pharmaceutical Companies of Sikkim		Management (IJREAM).				
Employee Job satisfaction at Tripti's enterprise pvt. Ltd. Gangtok, Sikkim	Das, P.K .	The Research Journal of Social Science	2019	NIL	Sikkim University	NIL
A Comparative study on financial performance of power generating companies in India	Aditya Rai and A. Ravi Prakash	Journal of Commerce and Accounting Research	2019	NIL	Sikkim University	NIL
<b>Department of Mass Communication</b>						
Bollywood Remade: A Study on Umrao Jaan	Ghosh, T. and Basnett, P	International Journal of Social Sciences	2019	NIL	Sikkim University	NIL
<b>Department of Music</b>						
Application of Abstract music in advertisement	Vedabala Samidha	International Journal of Research and Analytical Reviews	2018	NIL	Sikkim University	NIL
Raag Joge Rog Biyog	Dutta Krishnendu	Manan	2018	NIL	Sikkim University	NIL

Siman Majhe Aseem Tumi; Ekti Kalanukramik Rooprekha	Dutta Krishnendu	Ebam Mahua	2018	NIL	Sikkim University	NIL
Matua Sangeet	Dutta Krishnendu	Manan	2019	NIL	Sikkim University	NIL
Sangeet Hridaya Ki Gahrai Ka Mapak Yantra	Kumar, Surendra, and Narayan, Dr. Pushpanm	Bhairavi	2019	NIL	Sikkim University	NIL
<b>Center for Bioinformatics</b>						
Mycobiome diversity in traditionally prepared starters for alcoholic beverages in India by high-throughput sequencing method	Sha, S.P., Suryavanshi, M.S. and Tamang, J.P.	Frontiers in Microbiology	2019	6	Sikkim University	6 Scopus
Diversity of filamentous fungi isolated from some amylase and alcohol- producing starters of India	Anupma, A. and Tamang, J.P.	Frontiers in Microbiology	2020	3	Sikkim University	3 Scopus

Phenotypic and genotypic identification of bacteria isolated from traditionally prepared dry starters of the Eastern Himalayas	Pradhan, P. and Tamang, J.P.	Frontiers in Microbiology	2019	6	Sikkim University	6 Scopus
<b>School of Social Sciences</b>						
<b>Department of Economics</b>						
Agricultural trade diversity of India with ASEAN	Pandey, P. and Choubey, M.	Economic Affairs	2019	NIL	Sikkim University	NIL
Unmaking 'Make in India': weak governance, good deals, and their economic impact	Raj, R.S.N., Sen, K. and Kar, S.	Economic and Political Weekly	2020	NIL	Sikkim University	NIL
Gender, small firm ownership, and credit access: some insights from India.	Chaudhuri, K., Sasidharan, S. and Raj, R.S.N.	Small Business Economics, forthcoming	2020	7	Sikkim University	7 Scopus

modern life and its complexities: a study ofextramarital relationships in sikkim	Kundu, R., Mandal, I and Mallik, G.	JIMS 8M: The Journal of Indian Management and Strategy	2019	NIL	Sikkim University	NIL
Evaluation of socio-economic conditions of coldwater fish farmers: A case study of Sikkim	Chettri, K. B. and Kundu, R.	Indian Journal of Economics and Development.	2020	NIL	Sikkim University	NIL
Educational efficiency of State board of Secondary education in India	Mohapatra, R.	SFA and D & ND DEA analysis	2019	NIL	Sikkim University	NIL
<b>Department of International Relations</b>						
Sustainable practices in infrastructure development of Asian Development Bank in Sikkim: an assessment	Rai, S.	Journal of Emerging Technology and Innovation Research	2019	NIL	Sikkim University	NIL
Postcolonial expression in music	Rai, S.	Asian Review of Social Sciences	2020	NIL	Sikkim University	NIL

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Making gender work in understanding border security	Thapa, A.	Journal of Emerging Technology and Innovation Research	2019	NIL	Sikkim University	NIL
<b>Department of Law</b>						
Surrogacy Arrangement In India: a critical analysis	Mishra, P. et. al.	Universal Review	2019	NIL	Sikkim University	NIL
Medico-legal autopsy in evidencing of Homicide: Issues and Challenges. Research and Reviews	Mishra, P. and Ahmed, I.	A Journal of Toxicology	2019	NIL	Sikkim University	NIL
Academic writing & issues of plagiarism: a critical study	Mishra, P. and Dubey, R.	Journal of the Gujrat Research Society	2019	NIL	Sikkim University	NIL
Witch hunting: a case study of Tripura	Mishra, P and Dubey, R.	Think India Journal	2019	NIL	Sikkim University	NIL
Forensic Hurdles in Investigating & Prosecuting	Saxena, N. and Mayank, V.	Indian Police Journal. 67(10)	2020	NIL	Sikkim University	NIL

Cybercrime - An Overview						
Dzumsa system in Sikkim as an alternative mode towards dispute resolution	Bhutia. D.	IJRAR	2019	NIL	Sikkim University	NIL
<b>Department of Peace and Conflict Studies &amp; Management</b>						
Traditional knowledge system in disaster risk reduction: Exploration, acknowledgement and proposition	Rai, P. and Khawas, V.	Jãmbã. Journal of Disaster Risk Studies	2019	NIL	Sikkim University	NIL
Dynamics of Ethnicity and Identity in Sikkim	Mukhia, S. and Choudhury, S.	Journal of Social Science and Humanities	2019	NIL	Sikkim University	NIL
Power Transition(s) in Sikkim, India: Analysis Party Behaviour	Adhikari, N.	IJMER	2020	NIL	Sikkim University	NIL
<b>Department of Political Science</b>						

Decentralisation: A way out of Corruption	Chhetri, D.P.	Indian Journal of Political Science	2019	NIL	Sikkim University	NIL
<b>Department of Sociology</b>						
Reciprocity and Relations following Death: Reflections on the Practice of “Sarau” in Sikkim	Thapa, S.	Social Trend	2019	NIL	Sikkim University	NIL
Skill Development and Youth Empowerment Schemes in Sikkim: A Gender Perspective, Explorations	Surjajeevan, Y. and Thapa, S.	E- Journal of Indian Sociological Society	2019	NIL	Sikkim University	NIL
Not born a mother, but Naturalised into one: Experiences of Motherhood, Reality and Challenges	Sachdeva, S.A.	Social Trend	2019	NIL	Sikkim University	NIL
Comprehending Integration: A Study of Tibetan Refugees In Eastern Himalayas	Surjajeevan, Y. and Sachdeva, S.A.	Integrated Journal of Social Sciences	2019	NIL	Sikkim University	NIL

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Socio-Economic and Demographic Determinants of Suicide in Sikkim: An Assessment Study	Sachdeva, S.A. and Surjyajeevan, Y.	Shodh	2019	NIL	Sikkim University	NIL
Reproduction of Caste System In Third Concept	Singh, S.S	An International Journal of Ideas	2020	NIL	Sikkim University	NIL



<b>3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)</b>						
<b>Title of the paper</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year of publication</b>	<b>H-Index</b>	<b>Institutional affiliation as mentioned in the publication</b>	<b>Number of citations excluding self citations</b>
<b>Department of Economics, School of Social Sciences, Sikkim University</b>						
Gender, small firm ownership, and credit access: some insights from India.	Chaudhuri, K., Sasidharan, S. and Raj, R.S.N.	Small Business Economics, forthcoming	2020	142	Sikkim University	7 Scopus
<b>Department of Psychology, School of Human Sciences, Sikkim University</b>						
WhatsApp groups in academic context: Exploring the academic uses of WhatsApp groups among the students	Baishya, D. and Maheshwari, S.	Contemporary Educational Technology	2020	10	Sikkim University	2 Scopus
<b>Department of Botany, School of Life Sciences, Sikkim University</b>						

Microsatellite analysis reveals low inter-population differentiation in velvet bean ( <i>Mucuna pruriens</i> var. <i>Utilis</i> ) of India	Kumar, P.R., Sai Sundeep. And N Sathyanarayana	Nucleus.	2019	49	Sikkim University	1 Scopus
Population assessment and species distribution modelling of <i>Paris polyphylla</i> Smith in Sikkim Himalaya	Lepcha DL, Pradhan A and Chhetri DR	India. Biodiversitas.	2019	19	Sikkim University	2 Scopus
Antioxidant and cytotoxic attributes of <i>Paris polyphylla</i> Smith from Sikkim Himalaya	Lepcha DL, Chhetri A and Chhetri DR	Pharmacognosy Journal.	2019	25	Sikkim University	2 Scopus
Myo-Inositol and its Derivatives: Their Emerging Role in the Treatment of Human Diseases	Chhetri DR:	Frontiers in Pharmacology.	2019	104	Sikkim University	18 Scopus
Ecological niche modeling as a cumulative environmental impact assessment tool for	Dibyendu, A., Tiwary, R., Singh, P. P., Upadhaya, K., Singh, B.,	Journal of Environmental Management	2019	196	Sikkim University	11 Scopus

biodiversity assessment and conservation planning: A case study of critically endangered plant Lagerstroemia minuticarpa in the Indian Eastern Himalaya	Haridasan, K. E., H., Bhatt, B. B., Chettri, A. and Barik. S. K.					
<b>Department of Horticulture, School of Life Sciences, Sikkim University</b>						
An efficient method for acclimatization: In vitro hardening of tissue culture raised tea plants [Camellia sinensis (L.) O. Kuntze]	Bag N., Palni LMS and Nandi SK	Current Science	2019	124	Sikkim University	3 Scopus
Antagonistic and plant-growth promoting novel Bacillus species from long-term organic farming soils from Sikkim, India	Periyasamy, P., Senapati,,A., Kumar, U., Sharma, L., Lepcha, P.,Prabhukarthik eyan, SR., Jahan, A., Parameshwaran, C., Govindharaj,	Biotech	2019	49	Sikkim University	6 Scopus

	G.P.P., Lenka, S., Nayak, P. K., Mitra, D., Mahapatra, S., Sagarika, S., Thangappan, U.S.,					
Grain size and shape reflects variability in metabolite and elemental composition in traditional rice varieties	Kotamreddy, JNR., Barman, M., Sharma, L., Mitra, A.	Journal of Food Measurement and Characterization	2020	27	Sikkim University	1 Scopus
<b>Department of Microbiology, School of Life Sciences, Sikkim University</b>						
Phenotypic and genotypic identification of bacteria isolated from traditionally prepared dry starters of the Eastern Himalayas	Pradhan, P. and Tamang, J.P.	Frontiers in Microbiology	2019	151	Sikkim University	6 Scopus
Khyopeh, a traditional fermented yak meat product of Sikkim	Bhutia, M., Thapa, N. and Tamang, J.P.	Indian Journal of Traditional Knowledge	2020	36	Sikkim University	1 Scopus
Fermented foods in a global age: east meets west	Tamang, J.P., Cotter, P., Endo,	Comprehensive Reviews in Food	2020	130	Sikkim University	27 Scopus

	A., Han, N.S., Kort, R., Liu, S.Q., Mayo, B., Westerik, N., and Hutkins, R.	Science and Food Safety				
Diversity of filamentous fungi isolated from some amylase and alcohol- producing starters of India	Anupma A and Tamang, J.P.	Frontiers in Microbiology	2020	151	Sikkim University	3 Scopus
Bacterial diversity and functional metagenomics expounding the diversity of xenobiotics, stress, defense and CRISPR gene ontology providing eco- efficiency to Himalayan Hot Springs	Najar, I.N., Sherpa, M.T., Das, S.,Thakur, N.	Functional & Integrative Genomics	2020	78	Sikkim University	2 Scopus
<b>Department of Zoology, School of Life Sciences, Sikkim University</b>						
Rich yet undocumented ethnozoological practices of socio-culturally diverse indigenous communities of Sikkim Himalaya, India	Dhakal, P., Chettri, B., Lepcha, S. and Acharya, B.K.	Journal of Ethnopharmacol ogy	2020	205	Sikkim University	2 Scopus

Land use effect on butterfly alpha and beta diversity in the Eastern Himalaya, India	Sharma, K., Acharya, B.K., Sharma, G., Valente, D., Pasimeni, M.R, Petrosillo, I. and Selvan, T.	Ecological Indicators 110: 105605.	2020	145	Sikkim University	5 Scopus
Population density and damage of invasive Giant African Snail Achatina fulica in organic farm in East Sikkim, India	Thakuri, B., Acharya, B.K. and Sharma, G.	Indian Journal of Ecology	2019	9	Sikkim University	2 Scopus
Kitam Bird Sanctuary, the only low elevation protected area of Sikkim: A conservation hotspot for butterflies in the Eastern Himalaya	Dewan, S., Chettri, I.K., Sharma, K. and Acharya, B.K.	Journal of Asia- Pacific Entomology	2019	39	Sikkim University	5 Scopus
<b>Department of Chemistry, School of Physical Sciences, Sikkim University</b>						
Study of structural stability of copper crystal with voids from molecular dynamics simulations	Hazarika M.P. and Chakraborty S.N.	Chemical Physics Letters	2019	240	Sikkim University	2 Scopus

Relaxation dynamics and power spectra of liquid water: a molecular dynamics simulationStudy	Prasad M., English N.J, Chakraborty S.N.	Molecular Physics	2020	110	Sikkim University	Scopus
Long-term ambient air-stable cubic CsPbBr <sub>3</sub> perovskite quantum dots using molecular bromine	Thapa, S., Bhardwaj, K., Basel, S., Pradhan, S., Eling, C. J., Adawi, A.M., Bouillard, J-S. G., Stasiuk, G. J., Reiss, P., Pariyar, A., and Tamang S.	Nanoscale Advances	2019	33	Sikkim University	Scopus
DBU-Catalyzed One-Pot Synthesis of Nearly Any Metal Salt of Fatty Acid (M-FA): A Library of Metal Precursors to Semiconductor Nanocrystal Synthesis.	Basel, S., Bhardwaj, K., Pradhan, S., Pariyar, A. and Tamang, S.	ACS Omega 12	2020	55	Sikkim University	1 Scopus
Efficient iron catalyzed ligand-free access to	S. Mandal, K. Chhetri, S.	Green Chemistry	2020	240	Sikkim University	1 Scopus

acridines and acridinium ions	Bhuyan and Roy, B.G.					
Synthesis, structures and catalase activities of bis( $\mu$ -oxo)diMnIII,III and bis( $\mu$ -acetato)di MnII,II complexes bearing a quinolyl donor tripod ligand	Biswas, S., Das, P., Rasaily, S., Pariyar, A., Biswas, A.N.	Inororganic Chemica Acta	2019	102	Sikkim University	2 Scopus
DBU-Catalyzed One-Pot Synthesis of Nearly Any Metal Salt of Fatty Acid (M-FA): A Library of Metal Precursors to Semiconductor Nanocrystal Synthesis	Basel, S., Bharadwaj, K., Pradhan, S., Pariyar, A., Tamang, S.	ACS Omega 5	2020	55	Sikkim University	1 Scopus
Temperature-induced single-crystal-to-single-crystal transformations with consequential changes in the magnetic properties of Fe(III) complexes	Adhikary, A., Akhtar, S., Pariyar, A., Batsanov, A.S., Mondal, R.	ACS Omega 4	2019	55	Sikkim University	2 Scopus

**Department of Computer Applications, School of Physical Sciences, Sikkim University**



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InOvIn: A fuzzy-rough approach for detecting overlapping communities with intrinsic structures in evolving networks.	Nath, Keshab, Swarup Roy, and Sukumar Nandi.	Applied Soft Computing 89: 106096. 89: 106096.	2020	156	Sikkim University	2 Scopus
<b>Department of Physics, School of Physical Sciences, Sikkim University</b>						
Anisotropic turbulence of kinetic Alfvén waves and heating in solar corona	Singh, H.D. and B. S. Jatav	Research in Astronomy and Astrophysics	2019	44	Sikkim University	2 Scopus
Approach-to-magnetic saturation of Fe nanoparticle/nanorod encapsulated multi-walled carbon nanotubes under heavy ion irradiation	V Saikiran, Pathak, A.P., et al.	Physica B	2020	117	Sikkim University	1 Scopus
Radiation tolerance, charge trapping and defect dynamics studies of ALD grown Al/HfO <sub>2</sub> /Si nMOSCAPs	N Manikanthababu, Pathak, AP et al.	Journal of Materials Science: Materials in Electronics (JMSE)	2020	80	Sikkim University	3 Scopus
<b>Department of Commerce, School of Professional Studies, Sikkim University</b>						

Diagnosing the financial distress in oil drilling and exploration sector of india through discriminant analysis	Nandi A, Sengupta P.P and Dutta, A.	Vision 1-10.	2019	12	Sikkim University	2 Scopus
Perspective of the behaviour of retail investors: an analysis with indian stock market data	Dutta, A., Sinha, M. and Gahan, P.	Advances in Intelligent Systems and Computing (Springer)	2019	48	Sikkim University	1 Scopus
<b>Center for Bioinformatics</b>						
Mycobiome diversity in traditionally prepared starters for alcoholic beverages in India by high-throughput sequencing method	Sha, S.P., Suryavanshi, M.S. and Tamang, J.P.	Frontiers in Microbiology	2019	151	Sikkim University	6 Scopus
Diversity of filamentous fungi isolated from some amylase and alcohol-producing starters of India	Anupma, A. and Tamang, J.P.	Frontiers in Microbiology	2020	151	Sikkim University	3 Scopus
Phenotypic and genotypic identification of bacteria	Pradhan, P. and Tamang, J.P.	Frontiers in Microbiology	2019	151	Sikkim University	6 Scopus

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isolated from traditionally prepared dry starters of the Eastern Himalayas						
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<b>3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :</b>						
<b>No. of Faculty</b>	<b>International level</b>		<b>National level</b>		<b>State level</b>	<b>Local level</b>
<b>Attended Seminars/ Workshops</b>	<b>NIL</b>		<b>Department</b>	<b>Cou nt</b>	<b>NIL</b>	<b>NIL</b>
			Economics	3		
<b>Presented papers</b>	<b>Department</b>	<b>Cou nt</b>	<b>Department</b>	<b>Cou nt</b>	<b>NIL</b>	<b>NIL</b>
	Anthropology	2	Anthropology	1		
	Psychology	9	Psychology	2		
	Nepali	6	Hindi	6		
	English	1	Nepali	13		
	Botany	3	English	3		
	Zoology	1	Botany	5		
	Chemistry	2	Chemistry	1		
	Computer Applications	1	Education	2		
			Tourism	1		
	Mathematics	1	International Relations	3		
	Physics	2	Peace and Conflict Studies & Management	5		
	Tourism	1	Sociology	2		

Resource Persons	Department	Count	Department	Count	Department	Count	NIL
	Anthropology	3	Anthropology	5	Geography	1	
	Geography	1	Geography	3	Nepali	8	
	Nepali	2	Chinese	1	English	1	
	Botany	3	Hindi	12	Commerce	4	
	Microbiology	3	Nepali	16	Political Science	1	
	Zoology	1	English	5	Sociology	2	
	Chemistry	1	Lepcha	1			
	Geology	2	Botany	3			
	Commerce	1	Zoology	3			
	Management	2	Chemistry	1			
	Law	2	Computer Applications	3			
	Peace and Conflict Studies & Management	1	Physics	2			
	Political Science	1	Commerce	12			
			Education	6			
		Management	2				
		Mass Communications	3				
		Music	3				
		Tourism	3				

		Economics	7		
		History	14		
		Law	3		
		Peace and Conflict Studies & Management	8		
		Political Science	16		
		Sociology	2		

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<b>3.5 Consultancy</b>			
<b>3.5.1 Revenue generated from Consultancy during the year</b>			
<b>Name of the Consultant(s) department</b>	<b>Name of Consultancy project</b>	<b>Consulting/Sponsoring Agency</b>	<b>Revenue generated (amount in rupees)</b>
NIL			

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

<b>Name of the Consultant(s) &amp; Department</b>	<b>Title of the Programme</b>	<b>Agency seeking training</b>	<b>Revenue generated (amount in rupees)</b>	<b>Number of trainees</b>
NIL				



**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**

<b>Title of the Activities</b>	<b>Organising unit/ agency/ collaborating agency</b>	<b>Number of teachers coordinated in such activities</b>	<b>Number of students participated in such activities</b>
Awareness Program on Ill-Effects of Substance Abuse	SATHI Organisation & NSS Cell	4	112
Health Awareness' Program on International Yoga Day	Sikkim University	4	38
Awareness Program on Human Rights	Sikkim Human Rights Commission	4	168
Orientation Program	NSS	4	87
NSS Volunteers Counselling	NSS	4	15
NSS Volunteers Counselling	NSS	4	14
Vigilance Awareness Week (Poster Competition)	NSS	4	15
Vigilance Awareness Week (Workshop)	NSS	4	76
Vigilance Awareness Week (Walk)	NSS	4	37
National Education Day	NSS	4	68

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<b>3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year</b>			
<b>Name of the Activity</b>	<b>Award/recognition</b>	<b>Awarding bodies</b>	<b>No. of Students benefited</b>
NIL			

<b>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</b>				
<b>Name of the scheme</b>	<b>Organising unit/ agency/ collaborating agency</b>	<b>Name of the activity</b>	<b>Number of teachers coordinat ed in such activities</b>	<b>Number of students participate d in such activities</b>
Substance Abuse	SATHI Organisation & NSS Cell	Awareness Program on Ill- Effects of Substance Abuse	4	112
International Yoga Day	Sikkim University	Health Awareness' Program on International Yoga Day	4	38
Human Rights	Sikkim Human Rights Commission	Awareness Program on Human Rights	4	168
Awareness	NSS	Orientation Program	4	87
Counselling	NSS	NSS Volunteers Counselling	4	15
Counselling	NSS	NSS Volunteers Counselling	4	14
Vigilance Awareness Week	NSS	Vigilance Awareness Week (Poster Competition)	4	15

Vigilance Awareness Week	NSS	Vigilance Awareness Week (Workshop)	4	76
Vigilance Awareness Week	NSS	Vigilance Awareness Week (Walk)	4	37
National Education Day	NSS	National Education Day	4	68
Awareness	SU	Debate competition and Special Lecture.	12	100
Awareness	District Legal Services Authority, East	International Women's Day 1. Walkathon 2. Special Lecture	12	78
Unnat Bharat Abhiyan, Government of India	Unnat Bharat Abhiyan, Government of India	Adopted five villages in Yangang-Rangang GPU, South Sikkim	3	N.A.
Swachhata Hi Sewa Campaign'	Unnat Bharat Abhiyan, Government of India	Reusing Plastic for Plastic Free Society	3	N.A.
Orientation programme	Unnat Bharat Abhiyan, Government of India	Eco Tourism: Prospects and Issues	3	N.A.

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<b>3.7 Collaborations</b>			
<b>3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year</b>			
<b>Nature of Activity</b>	<b>Participant</b>	<b>Source of financial support</b>	<b>Duration</b>
<b>School of Human Sciences</b>			
<b>Department of Geography</b>			
Associateship	Dr. Uttam Lal	UGC- Inter-University Centre: Associateship, Indian Institute of Advanced Study (IIAS), Shimla. October,2019	2019
<b>School of Languages and Literature</b>			
<b>Department of English</b>			
Fellowship	Saswati Saha	Charles Wallace India Trust Research Grant for Short Term Research in UK, 2019	2019
<b>School of Life Sciences</b>			
<b>Department of Botany</b>			
Collaborative Research	Prof. Shanti S. Sharma	Collaborative Research stay at Bielefeld University, Germany (Sept.-Nov. 2019) under INSA (New Delhi)-DFG (Germany) International Scientists Exchange programme.	2-month
Elected Member	Prof. Shanti S. Sharma	Sectional Committee of the Section of Plant Sciences for 2020-2021 (108 <sup>th</sup> Session of the	2019

		Indian Science Congress)	
Reviewer for grant Proposals	Prof. Shanti S. Sharma	National Science Centre, Government of Poland	2019
<b>Department of Horticulture</b>			
Fellowship	Dr. Niladri Bag	Himalayan Fellowship 2017-18	2017-18 for 3 Years
<b>Department of Microbiology</b>			
Participant	Shri Headstar Nakibapher Jones Shangpliang (PhD Scholar)	Awarded 3-months Advance Training in Biotechnology at National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan under DAILAB programme from 1 <sup>st</sup> October to 31 <sup>st</sup> December 2019. He had successfully completed the training in Japan.	1 October-31 December 2019
Mountain Chair	Professor Dr. Jyoti Prakash Tamang	Conferred the Prestigious International Centre for Integrated Mountain Development (ICIMOD)-Mountain Chair for 2 years (2019-221) on 5 <sup>th</sup> December 2019 at Kathmandu	5 <sup>th</sup> December 2019
<b>Department of Zoology</b>			
Member	Dr Bhoj K Acharya	Sikkim Biodiversity Board	2019

Member	Dr Bhoj K Acharya	National Coordination Committee for Transboundary Landscape Initiatives in the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India.	2019
Academic Editor	Dr Bhoj K Acharya	International Journal PLoS One	2019
Expert	Dr Bhoj K Acharya	Biodiversity in the Himalaya in the workshop at the Woodrow Wilson School of Public and International Affairs, Princeton University held during November 14-15, 2019. The workshop was a part an initiative through the Princeton University Global Collaborative Network program to build collaborations between Indian scientists and Princeton faculty, staff, and students related to ecology and conservation of biodiversity in the	2019

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		Himalayas, especially in the context of land use and climate change	
<b>Department of History</b>			
Erasmus + Fellowship	Dr Anira P Lepcha	European Union	19-20

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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**

<b>Nature of linkage</b>	<b>Title of the linkage</b>	<b>Name of the partnering institution/ industry /research lab with contact details</b>	<b>Duration (From-To)</b>	<b>participant</b>
<b>School of Life Sciences</b>				
<b>Department of Botany</b>				
Visiting Fellow	International Collaborator	Collaborative Research stay at Bielefeld University, Germany (Sept.-Nov. 2019) under INSA (New Delhi)-DFG (Germany) International Scientists Exchange programme	2018	Prof. Shanti S. Sharma, Professor, Botany
<b>Department of Microbiology</b>				
Participant	Participant	Awarded 3-months Advance Training in Biotechnology at National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan under DAILAB programme from 1 <sup>st</sup> October to 31 <sup>st</sup> December 2019. He had successfully completed the training in Japan.	1 October to 31 December 2019	Shri Headstar Nakibapher Jones Shangpliang (PhD Scholar)
Mountain Chair	Mountain Chair	Conferred the Prestigious International Centre for Integrated Mountain Development (ICIMOD)-Mountain Chair for 2 years	5 December 2019	Professor Dr. Jyoti Prakash Tamang

		(2019-221) on 5 <sup>th</sup> December 2019 at Kathmandu		
<b>Department of Zoology</b>				
Member	Member	Sikkim Biodiversity Board	2019	Dr Bhoj K Acharya
Member	Member	National Coordination Committee for Transboundary Landscape Initiatives in the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India.	2019	Dr Bhoj K Acharya
Academic Editor	Academic Editor	International Journal PLoS One	2019	Dr Bhoj K Acharya
Expert	Expert	Biodiversity in the Himalaya in the workshop at the Woodrow Wilson School of Public and International Affairs, Princeton University held during November 14-15, 2019. The workshop was a part an initiative through the Princeton University Global Collaborative Network program to build collaborations between Indian scientists and Princeton faculty, staff, and students related to ecology and conservation of	2019	Dr Bhoj K Acharya

		biodiversity in the Himalayas, especially in the context of land use and climate change		
<b>School of Social Sciences</b>				
<b>Department of History</b>				
Fellowship	Erasmus + Fellowship	Dr Anira P Lepcha	European Union	Dr Anira P Lepcha

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<b>3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year</b>			
<b>Organisation</b>	<b>Date of MoU signed</b>	<b>Purpose and Activities</b>	<b>Number of students/teachers participated under MoUs</b>
Sikkim Manipal University	14th Nov. 2019	Objective of this agreement is to foster collaboration between the two Institutions in the field of Management, Basic Sciences, Humanities & Social Sciences, Allied Health Sciences, Medical Science & Technology and potential industrial application thereof to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit and frequent interactions.	Students and researchers of both institutions
Institute of Bio-resources and Sustainable Development	2nd October 2019	To provide research opportunity to the students and researchers of both institutions in increasing the effectiveness of teaching and research, jointly organise seminars, conferences and academic workshops on topics of mutual interests, publish books, monographs, seminar and workshop volumes etc., and knowledge dissemination.	Students and researchers of both institutions

G.B. Pant National Institute of Himalayan Environment and Sustainable Development	13th September 2019	To undertake joint research projects and academic activities between the two Institutions focussing focused by and large on the issues relevant to the Eastern Himalaya with due consideration of geo-environmental conditions, ecosystem approach, community participation, socio-economics, participatory/rapid rural appraisal, sustainable development and capacity building on low-cost mountain farming/allied technologies.	Students and researchers of both institutions
Biotech Park	4th September 2019	Academic collaboration between the two Institutions for sharing of resources and expertise to promote Biotechnology related research, human resource development and sharing of resources and expertise in broad areas of Biotechnology related to Health, Agriculture, Industrial Application, Environment & Energy.	Students and researchers of both institutions

<https://cus.ac.in/index.php/en/academics-2/mou-signed-by-sikkim-university>

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<b>CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES</b>	
<b>4.1 Physical Facilities</b>	
<b>4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year (in Lakhs)</b>	
<b>Budget allocated for infrastructure augmentation</b>	<b>Budget utilized for infrastructure development</b>
1050	3554.56

<b>4.1.2 Details of augmentation in infrastructure facilities during the year</b>			
<b>Facilities</b>	<b>Existing</b>	<b>Newly added</b>	
Campus area	Currently university is operational from rented premises at Gangtok		
Class rooms	112	-	
Laboratories	25	-	
Seminar Halls	4	-	
Classrooms with LCD facilities	112	-	
Classrooms with Wi-Fi/ LAN	112	-	
Seminar halls with ICT facilities	4	-	
Video Centre	1	-	
No. of important equipment purchased ( $\geq$ 1-0 lakh) during the current year.		<b>School of Human Sciences</b>	
		<b>Geography</b>	
		Total Station	556500
		IBM SPSS Software	251175
		<b>School of Life Sciences</b>	
		<b>Botany</b>	
		Chlorophyll Fluorescence meter	1117551
		Make: Heinz Walz	

		GmbH, Germany	
		Compound Microscope with LED illumination (10 nos) Make: Carl Zeiss, Germany	8295 00
		Horizontal Laminar Air flow- (Class-II) Make: LABOC N (UK):	5617 50
		CO2 incubator Make; Eppendor f, Germany	4462 50
		NIKON Trinocular stereo- zoom microscope Make:	3727 50



		NIKON, Japan	
		Refrigerat ed Centrifug e with angle rotor headMak e: REMI	2607 67
		Seed Germinat or (Single Chamber) Make: NSW	2467 50
		Autoclave (Table top): Make: LABOCO N (UK)	2362 50
		Cooling BOD incubator shaker with variable orbital motion, combined high & low	1310 40

		temperat ure. Make: INSTIND	
		<b>Horticulture</b>	
		Analytical Balance ME204 (METTLE R TOLEDO)	1036 35
		<b>Microbiology</b>	
		Thermal cyclor	2520 00
		Shaker Incubator	1427 58
		<b>Zoology</b>	
		Thermo Scientific quamate- 8000 UV- Vis Spectrop hotomete r (Qty-1)	5499 90
		Instind- BOD incubator (Qty-2)	1564 50
		Borosil Distillatio n Plant (Qty-1)	1520 19

		<b>School of Physical Sciences</b>	
		<b>Chemistry</b>	
		RDE/RR DE Electrode system	USD 6250 /-
		<b>Computer Applications</b>	
		Networki ng	1450 00
		<b>Physics</b>	
		Heating & Freezing Stage for optical Microscope	GBP- 1052 2
		Laser Diode	EUR 0- 4520
		SMU & Probe Station	2236 500
		Fiber-Electro Optic Phase modulato r, Scanning fabery	1390 637

		Perot & delay generator	
		Probe Sonicator	3100 12
		Digital Multimeter & Digital Storage Oscilloscope	1890 00
		Faraday Effect Apparatus	1498 60
		<b>School of Social Sciences</b>	
		<b>Political Science</b>	
		10 Desktop Computers & SPSS	1142 241
Value of the equipment purchased during the year (Rs. in Lakhs)		130.96 L + USD 6250 + GBP 10522 + EURO 4520	

4.2 Library as a Learning Resource			
4.2.1 Library is automated {Integrated Library Management System (ILMS)}			
Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	<p>a. The Central Library of Sikkim University is fully automated using Integrated Library Management Software KOHA (v.20.11.11.000), an Open-Source Software. It is hosted at a server placed in house.</p> <p>b. The library is automated with RFID in 2012</p> <p>c. The Integrated library management system have following facilities:</p> <ul style="list-style-type: none"> <li>➤ <b>Acquisition</b> (Online Recommendation, Ordering, Receiving &amp; Billing)</li> <li>➤ <b>Cataloguing</b> (Allowing entering of metadata of books, periodicals, Z39.5, Inter Library Loan)</li> <li>➤ <b>Circulation</b> (RFID integrated shelf</li> </ul>	KOHA (v.20.11.11.000)	2012

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	<p>Check-in-Check-out, Smart Card)</p> <ul style="list-style-type: none"><li>➤ <b>Automated Email Alerts</b> (Check-in, Check-Out, Overdue reminders)</li><li>➤ <b>Serial Management</b> (Ordering &amp; Tracking of Periodicals)</li><li>➤ The <b>Online Public Access Catalogue</b> available globally facilitating searching of books, online recommendations, dues payment etc</li></ul>		
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<b>4.2.1 Library Services:</b>						
	<b>Existing</b>		<b>Newly added</b>		<b>Total</b>	
	<b>No.</b>	<b>Value</b>	<b>No.</b>	<b>Value</b>	<b>No.</b>	<b>Value</b>
Text Books	47770	457.95	2158	36.29	49928	494.24
Reference Books						
e-Books	977	171.56	8904	132.8	9881	304.36
Journals	61	19.92	73	30.43	134	50.35
e-Journals	4	22.36	4	23.46	8	45.82
Digital Database	7(-1)	26.06	9	38.51	16	64.57
CD & Video	737	0	0	0	737	0
Library automation	0	0	0	0	0	0
Weeding (Hard & Soft)	0	0	0	0	0	0
Others (specify)	1178	0	0	0	1178	0

**4.2.2 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**

<b>Name of the teacher</b>	<b>Name of the module</b>	<b>Platform on which module is developed</b>	<b>Date of launching e – content</b>
NIL			



**4.3 IT Infrastructure****4.3.1 Technology Upgradation (overall)**

	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centres</b>	<b>Computer Centres</b>	<b>Office</b>	<b>Departments</b>	<b>Available band width (MGBPS)</b>	<b>Others</b>
<b>Existing</b>	650	20	*	1	-	5	32	1 gbps	-
<b>Added</b>	-	1	*	-	-	-	-	-	-
<b>Total</b>	650	21	*	1	-	5	32	1gbps	-

- All the systems are connected through dedicated LAN/ Wi-Fi Networks

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<b>4.3.2 Bandwidth available of internet connection in the Institution (Leased line)</b>	
1 GBPS	
<b>4.3.3 Facility for e-content</b>	
<b>Name of the e-content development facility</b>	<b>Provide the link of the videos and media centre and recording facility</b>
NIL	

<b>4.4 Maintenance of Campus Infrastructure</b>					
<b>4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year</b>					
<b>Assigned budget on academic facilities</b>	<b>Expenditure incurred on maintenance of academic facilities</b>		<b>Assigned budget on physical facilities</b>	<b>Expenditure incurred on maintenance of physical facilities</b>	
1365.53	Library	130338	73.44	Mainte	22493
		70		nance	7042
	New Equip ment for Labora tories	481292		of	
		8		Acade mic	
	Other expend iture on creatio n of Capital Assets (exclud ing expend iture on Land and	225352		Infrast ructure or	
		63		consu mables and other	
				runnin g	
				expend itures(e	
				xcludin g	
				mainte nance	
				of	
				hostels	
				and	
				allied	

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	Buildin			service s, rent of the buildin g, depreci ation cost, etc)	
	g)				73.44
	2441.35				

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**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)**

Laboratory: The laboratories in the various departments of the university have state-of-the-art provisions suitably designed for carrying out curriculum-based experiments and various research initiatives. Exhaustive use of such provisions demands periodic maintenance to be carried out. In the annual budget drawn and drafted for the university, a certain amount of capital grant is earmarked as expenditure for the maintenance and overhauling of laboratory equipment and computer systems. The laboratories in the university have a wide variety of equipment with diverse price range. In case of expensive laboratory instruments, maintenance is carried out on case to case basis and for computer systems and generic systems, Annual Maintenance Contract (AMC) is established for maintenance ease. Almost all of our high-end instruments are in the process of being enlisted in the **SIL** portal and made available for various stakeholders. A well-designed set of sequenced actions is stipulated to keep stock of instruments and their utilization by all the departments of the university.

Library: The library is an integral part of the university. Annually certain amount of capital grant is earmarked based on the temporal requirements of the library. The university library is not only accessible to the university faculty, students and staff, but also to faculty and student fraternity of the affiliated colleges as well as the local community.

Sports complex: Presently our university is functioning from rented premises because of which the university does not yet have any dedicated sports complex. Nevertheless, university has constituted a sports committee to manage sports and cultural activities of the university which are held at public sport facilities.

University provides necessary grants for the conduct of the sport and cultural events on an annual basis for promoting holistic growth and well-being of the students and staff as well as to inspire talented members among them.

Computers: The overall computational asset of the university is distributed over various academic departments, laboratories, libraries and administrative sections. Necessary clauses are incorporated in the purchase order to meet up to the initial maintenance requirements in terms of warranty agreements. Henceforth, immediately after the expiry of the warranty agreement, the items are placed under the Annual Maintenance Contract (AMC) for the said period. In the situation of system breakdown, the custodian of the asset is required to inform the AMC vendors regarding the same and request for arranging for the said maintenance as per the stipulated agreement with the university.

Classrooms: All the 32 departments of the university are operational from rented premises, for facilitating general maintenance needful clauses have been incorporated in the rental agreements signed with the owners of the premises for periodical maintenance work as and when requested. The cost incurred in maintenance related to electrical overhauling is entirely borne by the university.

<b>CRITERION V - STUDENT SUPPORT AND PROGRESSION</b>			
<b>5.1 Student Support</b>			
<b>5.1.1 Scholarships and Financial Support</b>			
	<b>Name /Title of the scheme</b>	<b>Number of students</b>	<b>Amount in Rupees</b>
Financial support from institution	Non NET Fellowship	192	@ Rs.8000/- p.m. PhD @ Rs. 5000/- p.m. M.Phil
Financial support from institution	Scholarship for needy students	64	@ Rs. 3000/- p.m.
Financial support from institution	Freeship	64	Free Education
Financial support from institution	Halfship	69	50% of Tuition Fee waived
Financial support from other sources			
a) National	Maulana Azad National Fellowship, Ministry of Minority Affairs, UGC, GOI, Ministry of Minority Affairs, GOI	8	@ Rs.25,000/- p.m. for initial two years (JRF) @ Rs.28,000/- p.m. for remaining tenure (SRF)
	UGC: National Fellowship for OBC, UGC, GOI	8	@ Rs.25,000/- p.m. for initial two years (JRF) @ Rs.28,000/- p.m. for remaining tenure (SRF)

	UGC NET Fellowship	38	@ Rs.25,000/- p.m. for initial two years (JRF) @ Rs.28,000/- p.m. for remaining tenure (SRF)
	Rajiv Gandhi National Fellowship, Ministry of Social Justice and Empowerment for Scheduled Caste Ministry of Tribal Affairs for Scheduled Tribe	4	@ Rs.18,000/- p.m. for initial two years (JRF) @ Rs.24,000/- p.m. for remaining tenure (SRF)
	National Fellowship for Scheduled Tribe, Ministry of Tribal Affairs, GOI	4	@ Rs.28,000/- p.m.



**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.,**

<b>Name of the capability enhancement scheme</b>	<b>Date of implementation</b>	<b>Number of students enrolled</b>	<b>Agencies involved</b>
Training Workshop on Skill Development of Women for Employability and Entrepreneurship in North East Region	21-24 August 2019	59	Department of Sociology, Sikkim University
Prof.SameeraMaiti Memorial Lecture	1 November 2019	60	Department of Anthropology, Sikkim University
Special Deliberation and lectures	21 November 2019	50	Department of Anthropology, Sikkim University
Special Lecture	20 November 2019	40	Department of Anthropology, Sikkim University
International Day of The Worlds Indigenous Peoples	9 August 2019	60	Department of Anthropology, Sikkim University
Special Lecture	7 August 2019	40	Department of Anthropology, Sikkim University
One Day Workshop HIV/AIDS and Prevalence of Tuberculosis in Sikkim	5 August 2019	50	Department of Anthropology, Sikkim University

: Practioner's and Community Perspectives'.			
Special Lecture	13 May 2019	50	Department of Anthropology, Sikkim University
Special Lecture	9-12 September 2019	72	Department of Psychology, Sikkim University
Special Lecture	5 March 2020	63	Department of Psychology, Sikkim University
Capacity Building in Chinese Studies in Northeast India, 2 <sup>nd</sup> Institute of Chinese Studies-Harvard Yenching Institute Colloquium	11 June 2019	86	Department of Chinese, Sikkim University
Play Performance	26 November 2019	200	Department of English, Sikkim University
International Women's Day Conference	8 March 2020	89	Department of English, Sikkim University
Lok Sahitya Ki Rachnatmak Samvedana : Parampara Evm Yugbodh	28-29 August 2019	42	Department of Hindi, Sikkim University
Seminar	27 November 2019	12	Department of Lepcha, Sikkim University

Creative Writing	8 November 2019	86	Department of Nepali, Sikkim University
Nepali Linguistics	25 September 2019	97	Department of Nepali, Sikkim University
Processing and value addition of local crop germplasm	11-13 December 2019	36	Department of Horticulture, Sikkim University
Machine Learning and Big Data Analytics: Application to Remote Sensing	19-20 August 2019	37	Department of Computer Applications, Sikkim University
Workshop on Structural Equation Modelling using AMOS	10-11 November 2019	49	Department of Commerce, Sikkim University
Workshop on Personality Development	5 August 2019	96	Department of Commerce, Sikkim University
Deliberation and Panel Discussion on Draft National Education Policy 2019	9 August 2019	65	Department of Education, Sikkim University
National Seminar on Recent Trends in Educational Psychology	11-12 November 2019	90	Department of Education, Sikkim University
Research Methodology Course on Social Sciences	18-28 Nov 2019	45	Department of Education, Sikkim University
Deliberation and Panel Discussion on Draft National Education Policy 2019	9 August 2019	72	Department of Music, Sikkim University

National Seminar on Recent Trends in Educational Psychology	11-12 November 2019	71	Department of Music, Sikkim University
Sentence structure in Hindi and other grammatical aspects	25 June 2019	-	Hindi Cell, Sikkim University
Hindi Typing in computer	19 August 2019	-	Hindi Cell, Sikkim University
Official Noting	30 December 2019	-	Hindi Cell, Sikkim University
Hindi Pakhawada	14-30 September 2019	-	Hindi Cell, Sikkim University
User Awareness Programme on ScienceDirect and Springer Nature	30 August 2019	52	Central Library, Sikkim University
Orientation Programme	30 August 2019 to 6 September 2019	800+	Central Library, Sikkim University
User Awareness Programme on Urkund & Remote Access Services	29 November 2019	70	Central Library, Sikkim University
Scripts and Font Development for Endangered Languages of Sikkim and the Himalay- as	23-27 September, 2019	86	CEL, Sikkim University
Grammatical Variation: Tibeto-Burman Agreement System	10-12 November 2019	17	CEL, Sikkim University

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

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<b>5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year</b>					
<b>Year</b>	<b>Name of the scheme</b>	<b>Number of benefited students by Guidance for Competitive examination</b>	<b>Number of benefited students by Career Counselling activities</b>	<b>Number of students who have passed in the competitive exam</b>	<b>Number of students placed</b>
NIL					

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<b>5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year</b>		
<b>Total grievances received</b>	<b>No. of grievances redressed</b>	<b>Average number of days for grievance redressal</b>
0	0	N.A.

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<b>5.2 Student Progression</b>					
<b>5.2.1 Details of campus placement during the year</b>					
<b>On campus</b>			<b>Off Campus</b>		
<b>Name of Organizations Visited</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>	<b>Name of Organizations Visited</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
			<b>Department of Economics</b>		
			Government and Non-Governmental Organizations	5	5
			<b>Department of Peace and Conflict Studies and Management</b>		
			Governmental Organizations	2	2
			<b>Department of Political Science</b>		
			Government	4	4
			<b>Department of Sociology</b>		
			Governmental Organizations	4	4
			<b>Department of Psychology</b>		
			Government and Non-Governmental Organizations	6	6
			<b>Department of Chinese</b>		
			Non-Governmental Organizations	5	5

<b>Department of English</b>		
Governmental Organizations	1	1
<b>Department of Hindi</b>		
Government and Non-Governmental Organizations	17	8
<b>Department of Botany</b>		
Government and Non-Governmental Organizations	5	5
<b>Department of Microbiology</b>		
Government and Non-Governmental Organizations	2	2
<b>Department of Zoology</b>		
Government and Non-Governmental Organizations	2	2
<b>Department of Chemistry</b>		
Government	1	1
<b>Department of Computer Applications</b>		
Non-Governmental Organizations	1	1
<b>Department of Mathematics</b>		
Government and Non-Governmental	4	4



	Organizations		
	<b>Department of Physics</b>		
	Government and Non-Governmental Organizations	9	9
	<b>Department of Education</b>		
	Government and Non-Governmental Organizations	1	1
	<b>Department of Mass Communication</b>		
	Non-Governmental Organizations	5	5

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>5.2.2 Student progression to higher education in percentage during the year</b>					
<b>Year</b>	<b>Number of students enrolling into higher education</b>	<b>Programme graduated from</b>	<b>Department graduated from</b>	<b>Name of institution joined</b>	<b>Name of Programme admitted to</b>
2019-20	5	PG	Department of Anthropology	N.A.	MPhil/PhD
2019-20	12 1	UG PG	Department of Psychology Department of Psychology	N.A.	PG MPhil
2019-20	2 3	PG M.Phil	Dept. of Geography Dept. of Geography	N.A.	M.Phil PhD
2019-20	3 1	UG PG	Dept. of Chinese Dept. of Chinese	N.A.	PG PhD
2019-20	3 2	PG PG	Dept. of English Dept. of English	N.A.	M.Phil PhD
2019-20	3	PG	Dept. of Botany	N.A.	PhD
2019-20	19	UG	Dept. of Horticulture	N.A.	PG
2019-20	4	PG	Dept. of Microbiology	N.A.	PhD
2019-20	2	PG	Dept. of Zoology	N.A.	PhD

2019-20	3	PG	Dept. of Chemistry	N.A.	PhD
2019-20	1	PG	Dept. of Geology	N.A.	PhD
2019-20	1	PG	Dept. of Mathematics	N.A.	PhD
2019-20	1	PG	Dept. of Physics	N.A.	PhD
2019-20	1	PG	Dept. of Mass communications	N.A.	M.Phil
2019-20	3	PG	Dept. of Education	N.A.	PhD
2019-20	1 1	PG M.Phil	Dept. of Economics Dept. of Economics	N.A.	M.Phil PhD
2019-20	8	PG	Dept. of History	N.A.	M.Phil
2019-20	1	M.Phil	Dept. of Political Science	N.A.	PhD
2019-20	3 1	PG M.Phil	Dept. of Sociology Dept. of Sociology	N.A.	M.Phil PhD
2019-20	1	PG	Dept. of International Relations	N.A.	M.Phil

<b>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)</b>			
<b>Items</b>	<b>No. of Students selected/ qualifying</b>		<b>Registration number/roll number for the exam</b>
<b>NET</b>	<b>Department</b>	<b>Coun t</b>	-
	Anthropology	1	
	Geography	3	
	Psychology	4	
	English	4	
	Botany	3	
	Horticulture	2	
	Microbiology	1	
	Zoology	1	
	Chemistry	1	
	Geology	2	
	Mathematics	2	
	Commerce	5	
	Education	2	
	Mass Communications	1	
	Tourism	2	
	Economics	2	
History	2		
Political Science	3		
Sociology	5		
<b>SET</b>	NIL		
<b>SLET</b>	<b>Department</b>	<b>Coun t</b>	

		Sociology	1		
		Zoology	3		
		Mathematics	1		
<b>GATE</b>		<b>Department</b>	<b>Coun</b>		
		Microbiology	1		
		Chemistry	3		
		Zoology	2		
		Computer Applications	2		
		Physics	1		
<b>GMAT</b>		-			
<b>CAT</b>		-			
<b>GRE</b>		-			
<b>TOFEL</b>		-			
<b>Civil Services</b>		-			
<b>State Government Services</b>		<b>Department</b>	<b>Coun</b>		
		Geography	3		
		Psychology	2		
		English	1		
		Botany	3		
		Microbiology	1		
		Zoology	1		
		Chemistry	1		
		Computer Applications	1		
		Mathematics	2		
		Physics	6		
		Education	1		
		Economics	3		

		Peace and Conflict Studies and Management	2		
		Political Science	4		
		Sociology	4		
<b>Any Other</b>		<b>Department</b>	<b>Count</b>		
		Geography	3		
		Psychology	4		
		Chinese	5		
		Hindi	1		
		Botany	2		
		Zoology	1		
		Computer Applications	1		
		Mathematics	2		
		Physics	3		
		Economics	2		
		Mass Communication	7		
		Sociology	2		

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>5.2.4 Sports and cultural activities / competitions organised at the institution level during the year</b>		
<b>Activity</b>	<b>Level</b>	<b>Participants</b>
Fit India Movement Sikkim University Table Tennis Tournament	University	Students, Sikkim University
Fit India Movement Sikkim University Chess Tournament	University	Students, Sikkim University
Fit India Movement Sikkim University Badminton Tournament	University	Students, Sikkim University
Fit India Movement Sikkim University Adventure Camp-2020	University	Students, Sikkim University
Spectroasis	University	Students, Sikkim University
Sectorises Selfie Challenge	University	Students, Sikkim University
Cross Road Festival	University	Students, Sikkim University
Food festival	University	Students, Sikkim University

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>5.3 Student Participation and Activities</b>						
<b>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)</b>						
<b>Year</b>	<b>Name of the award/ medal</b>	<b>National / International</b>	<b>Sports</b>	<b>Cultural</b>	<b>Student ID number</b>	<b>Name of the student</b>
2019-20	Fit India Movement Sikkim University Table Tennis Tournament	University	*		-	Winner: Mens: Alon Subba
2019-20	Fit India Movement Sikkim University Table Tennis Tournament	University	*		-	Winner Womens: Hishey Palmu Sherpa Runners Up: Iksha Rai
2019-20	Fit India Movement Sikkim University Table Tennis Tournament	University	*		-	Winner Mens Doubles: Pranay Chettri & Sourabh Moktan Runners Up: Alon Subba and Navnit Pradhan
2019-20	Fit India Movement Sikkim University Table Tennis Tournament	University	*		-	Winner Womens Doubles: Ajanta Tamang & Iksha Rai



						Runners Up: Divya Rai and Hissey Palmu Sherpa
2019-20	Fit India Movement Sikkim University Chess Tournament	University	*		-	Winner Men's: Parasmani Rai
2019-20	Fit India Movement Sikkim University Badminton Tournament	University	*		-	Winner Men's: Prayash Subba Runners Up: Manish Tamang
2019-20	Fit India Movement Sikkim University Badminton Tournament	University	*		-	Winner Women's: Anamika Limboo Runners Up: Iksha Rai
2019-20	Fit India Movement Sikkim University Badminton Tournament	University	*		-	Winner Men's Doubles: Andrew Subba & Prayash Subba Runners Up: Iksha Rai and Ajanta Tamang
2019-20	Fit India Movement Sikkim University Badminton Tournament	University	*		-	Women's Doubles: Tripti Chettri & Anamika Limboo Runners Up: Iksha Rai and Ajanta Tamang

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

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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)**

The aim and objective of the Sikkim University Student Association (SUSA) is to act as a liaison between the students and the University administration with a motive of fostering welfare of the students belonging to the university and to safeguard interests of the students from corruption, deprivation, discrimination and exploitation of all kinds. SUSA is responsible for representing the students. Any grievance to be addressed concerning students welfare is routed through SUSA and Dean of Student Welfare to the university administration.

All the academic Departments of the University are required to nominate one departmental representative to assist the SUSA Executive Committee in its functioning in accordance with the SUSA Constitution. She/he shall bring forth the grievances and concerns of the students to the Executive Committee.

SUSA makes efforts to promote, develop and recommend educational activities, and assists in development of overall academic ambience of the university conducive to the diverse needs of the society. SUSA has a representation in the academic council, where they have the opportunity to contribute to the holistic academic enrichment.

The SUSA is in relentless pursuit to promote social, cultural, sport and recreational activities, forums and other rhetorical activities to enhance student life. SUSA also actively contributes towards the welfare of the society while recognizing essential role of the students in building of the society and high moral values as well as cultivating environmental awareness for the conservation of nature.

SUSA also aims at promoting cordial relations with members of other Universities, Institutions and affiliated Colleges which are deemed necessary.

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<b>5.3 Alumni Engagement</b>
5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):
No
5.3.2 No. of registered Alumni:
No
5.3.3 Alumni contribution during the year (in Rupees) :
No
5.3.4 Meetings/activities organized by Alumni Association :
No

**CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 Institutional Vision and Leadership****6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)**

The success and prosperity of any educational institute rest on two strong pillars namely, academics and administration. A well-crafted balance is to be maintained between these two pillars for sound operation and delivery of the proposed institutional vision.

There are 32 academic departments in the university. Every department has a set of committees for managing its affairs such as the departmental purchase committee, departmental research committee, departmental curriculum drafting committee and departmental board of studies to name a few. Every committee has a well-defined set of roles and responsibilities as per the university ordinances and regulations. The nominated departmental head presides over the various activities of the committees. She/he acts as a nodal officer between the department and other institutional sections.

The 32 departments are placed under 6 different schools of studies, namely, the School of Human Sciences, School of Languages and Literature, School of Life Sciences, School of Physical Sciences, School of Professional Studies and School of Social Sciences. Each of these schools is headed by a Dean. The departmental head is required to coordinate with the Dean of the respective school for any academic matters. The Dean of the school periodically hosts the school board meeting. The school board has members from all the departments of the school and eminent academicians from other universities. It also has members from other schools of studies in the university. All the recommendations of the departmental board of studies are elaborately discussed in these meetings and appropriate decisions are taken. The proceedings of all the school board's

meeting are then presented before the academic council of the university, for consideration, deliberation and needful approval. The academic council is constituted with the Vice-Chancellor as the Chair, the Registrar, the Librarian, the Controller of Examinations, heads of all the departments, academic deans, dean of student Welfares, esteemed members from other universities and representatives for SUSA, SUNTA and SUTA.

The overall administration of the university is monitored and coordinated by Executive Council (EC), Finance Committee (FC), University Court and other committees/cells/positions (such as Anti-Discrimination Officer, Equal Opportunity Cell (EOC), Grievance Redressal Cell, Institutional Bio-safety Committee (IBSC), Internal Complaints Committee (ICC), Institutional Ethical Committee (IEC), Institution Innovation Council (IIC), Intellectual Property Rights (IPR), Internal Quality Assurance Cell (IQAC), Internal Audit Officer (IAO), Liaison Officer, Official Language Implementation Committee, Samadhan).

The EC is responsible for the conduct of all administrative affairs related to the management and administration of the University. Some of the notable responsibilities are the creation of teaching positions (number and emoluments), creating administrative, ministerial and other necessary posts, appointment to the various posts on the recommendation of the Selection Committee, regulating and enforcing discipline among employees and managing and regulating the finances, accounts, investments, property, business and all other administrative affairs of the University.

The annual accounts and the financial estimates of the University prepared by the Finance Officer shall be laid before the Finance Committee for consideration and comments and thereafter submitted to the Executive Council for approval. The Finance Committee shall recommend limits for the total recurring expenditure for the year, based on the income and resources of the University.

At an annual meeting of the court, a report on the working of the University during the previous year, together with a statement of the receipts and expenditure, the balance sheet as audited, and the financial estimate for the next year shall be presented. A copy of the statement of receipts and expenditure, the balance sheet and the financial estimates shall be sent to every member of the Court at least seven days before the date of the annual meeting.

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

**Partial (Samarth)**

## **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):**

#### ❖ Curriculum Development

The curriculum of the various programs is routinely reviewed and improved in order to establish a clean and skillfully crafted balance between the discipline-specific knowledge required and the most recent trends and advancements. The assistance of numerous committees, including the curriculum development committee, departmental board of studies, school board, and academic council, is employed to carry out this complicated exercise.

The responsible department, connected colleges, subject matter experts from prestigious universities, and business professionals are invited to join the curriculum planning committee. On the advice of the departmental board of studies, school board, and academic council, the proposed curriculum is then presented to the academic council for approval and implementation.

#### ❖ Teaching and Learning

A number of measures have been introduced or put into practice in order to improve the University's Teaching and Learning outcomes. Different departments in the university organized a number of seminars/workshops inviting renowned national and international academicians

and industrial experts to improve the teaching-learning capabilities for the benefit of students as well as younger faculty members, adjunct/guest faculty with extensive academic experience and accomplishments were appointed in different departments.

❖ Examination and Evaluation

The Examination section of the University successfully conducted all pre and post examination works pertaining to all 17 affiliated colleges and 32 University departments and declared timely results. Dissertation evaluation, viva-voce and subsequent result declaration was successfully conducted for MPhil & PhD scholars. The Examination section successfully undertook various works for the 5th Convocation 2019 namely preparation and distribution of degree certificates and medals for all students passing in the years 2017, 2018 and 2019 and processing of convocation applications and fees. Registration was successfully performed for all new students (2019 admissions) of both affiliated colleges and university departments. Provision for online payment of registration fees was made available to the students. The Examination section streamlined the examination process for newly introduced course M.A in Tibetan and Buddhist Studies at Namgyal Institute of Tibetology and examinations were successfully conducted for the same. It has also initiated the process to streamline examination for newly introduced programme Bachelor of Sowa Rigpa (Tibetan Medicine). The 5th Convocation of the University was held on 3rd November 2019 for three batches 2017, 2018 and 2019.

❖ Research and Development

The output from research initiatives has continually improved across various departments across different schools. The university has a mechanism in place to offer grants for research in the form of specific projects in a highly competitive manner. The University also offers incentives in the form of best publication awards for each school to faculty



members who publish works of high impact. The publication record has been steadily improving as a result of these motivating initiatives.

❖ Library, ICT and Physical Infrastructure / Instrumentation

During the year 2019-20 library has been actively engaged not only on procurement of resources, but also has given due emphasis on promotion of usages. Advertising resources and conducting various user awareness programmes were the priority areas during the year. Added 1016 printed books, 24 e-Books, 62 Journals, 24 Encyclopedias in e-version covering various disciplines including more than 47 PhD and MPhil Theses and Dissertations submitted by the students of Sikkim University. Most of the library budget was utilized for subscription of journals. Among the important databases have been full-text e-journals on Management, Tourism & Hospitality, Education, Chinese Literature, Psychology.

In addition to subscribing some printed core journals in different disciplines, library has been availing the resources of INFLIBNET, DelCon consortium and National Digital Library. Total collection of the library reached 48898.

The university is operational from 112 classrooms and 25 laboratories across 32 academic departments with 4 seminar Halls. All the classrooms are equipped with LCD, Wi-Fi networking facilities.

❖ Human Resource Management

The university has 165 members in the faculty (full time) across 32 academic departments and 118 administrative staff for managing the administrative affairs of the university. Regular interviews are scheduled to fill the vacant position both in teaching and non-teaching cadres. The 118 administrative staff are located in academic departments as well as administrative sections. Human resource management is performed by the establishment section of the university.

❖ Industry Interaction / Collaboration

Various departments such as Horticulture, Computer Applications, Management, Mass Communication have a mechanism in place to organise internships to their students in relevant industrial and commercial organisations. This exposure eventually helps them prepare and orient for professional career.

❖ Admission of Students

Admission of the students for the academic year 2019-20 was coordinated by DSW office. The students and scholars were admitted to undergraduate programme of five department, post graduates programme of 32 departments, M. Phil programme of 16 departments, PhD programme of 24 departments. Central admission test for the admission was conducted at nine centres located at different cities/town of India viz. Namchi, Gangtok, Siliguri, Guwahati, Darjeeling, Kalimpong, Geyzing, Kolkata and Patna. Out of to 4215 applicant, 4030 candidates were found eligible for writing the CAT [Central Admission Test] and MPhil/PhD written Test. At the end of the admission process, 946 students/scholars were admitted against the intake capacity of 1024 i.e., 92.382 % seats were filled up. Admission of female candidates (54. 86%) outnumbered the male candidates (45.13%). A total of 185 [101 male and 84 female] candidates were given the hostel seats during admission.

Entire admission process was carried out by working committee on admission being constituted by the University under the chairmanship of DSW, Dr. Laxuman Sharma. Other members of the committee were

- Dr. Durga P. Chettri (Dept. of Political Science)
- Dr. Mohan Pratap Pradhan (Dept. of Computer Applications)
- Dr. Bhoj K. Acharya (Dept. of Zoology)
- Dr. Somendra Nath Chakraborty (Dept. of Chemistry)
- Dr. Pradip Kumar Das (Department of Management)
- Dr. Anju Verma (Department of Education)
- Dr. Santosh Kumar Rai (Dept. of Botany)

- Dr. Samar Sinha (Dept. of Nepali)
- Dr. Ram B. Yadav (Dept. of English)
- Dr. Namrata (Dept. of Psychology)
- Dr. James Vungjangam Haokip (Dept. of Anthropology)
- Mr. B. Muthu Pandian (Dept. of Commerce)
- Ms. Denkila Bhutia (Dept. of Law)
- Mr. Rakesh Basnet (Provost) – For Hostel Admission

DSW office coordinated the selection of students for University merit cum means scholarships for the students enrolled in different programmes. Students of Undergraduate and Post graduate programmes with an average family income of less than Rs. 60,000/- per annum and receiving no other financial assistance are eligible to apply for this scholarship. Accordingly, during 2019-20, Sikkim university awarded full fellowship of Rs 3000/- per month to 64 students. Similarly, 64 full free-ship and 69 half free-ship were awarded for the needy students. A total of 98.99% of applicants were able to secure one or the other type of scholarships.

The office handled the process for award of UGC Non-NET fellowship for M.Phil and PhD Scholars. In 2019, the office recommended total of 170 Non-NET fellowships (91 Fresh cases and 69 Renewal cases) and sought approval.

The office, besides the above mentioned specific activities have been coordinating all the activities related to students welfare including the popular fest Ramailo Sikkim.

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

## ❖ Planning and Development

- The SAMARTH ERP Project from MHRD has been successfully initiated in Sikkim University under the coordination of Systems Management Section.
- A total of 34 modules are in the process of implementation in the University including 2020 Online Admission process.
- After successful completion of the security audit of the official website of the University, it is currently undergoing the Guidelines for Indian Government Website (GIGW) compliance testing.

## ❖ Administration

- Management and monitoring of the official website, OFC network, LAN and Wi-Fi network, NKN NMEICT connection, EPABX systems, email services, biometric system, Online Admission and Recruitment modules, Computer AMC services, e-Tendering system, Video-Conferencing system, IT consultation & procurement works and CU Portal.

## ❖ Finance and Accounts

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## ❖ Student Admission and Support

- Online Admission System involves various steps and entities. Sikkim University (SU) is using SAMARTH portal for the admission from 2020. The SAMARTH portal is helping to automate entire process to save cost of managing the admission and smooth admission process.
- Admission Process starts with the notification to the prospective students about the University, Course details and information regarding selection process. SU usually publish the notification in newspapers and the same is uploaded in the university's website.

- SAMARTH automates entire form filling and form fee payment process. Student can visit portal and register by entering requisite information and then proceed to make fee payment.
- In case of incomplete form, it can be kept in draft mode and can be updated after logging to the system.
- From fee can be paid using internet banking. During admission process students need to submit supporting documents (previous exam mark-sheet, certificates, leaving certificate, category certificate etc. All those documents can be uploaded in the form of soft copy. Admission team can view those documents or can download it from the system. Such approach can save lot of cost related to managing and maintaining hard copy documents related to admission process.
- Merit list is prepared by the Working Committee on Admission (WCA) members based on the entrance result, reservation category, other reservations including (Physically Handicapped, Supernumerary quota etc.).
- Admission process is time bound activity and all the deadlines need to be followed strictly. Each step and admission status is communicated to the student through university's website to reduce anxiety.
- Selected candidates can pay the admission fee and download receipt allotment letter from the portal.
- The semester fee can also be paid by the student through SAMARTH Portal
- Grievance Management System
- Grievance Management System is also under development by SAMARTH team. Once completed, it will available on the website for the benefit of the students

❖ Examination

Implementation of e-governance in Examination System-

- Automation of pre and post Examination process through us of examination software.
- Online automation portal for use by all constituent departments and affiliated colleges for the examination processes.
- Online portal for use by students for registration, exam application, download of hall ticket, re-evaluation application, access of results and payment of examination related fees through the payment gateway.
- Online application forms for use by student for revised/duplicate mark sheets, provisional certificates, registration certificates and transcripts and email notifications for collection of the said manuscripts.
- Upload of degree certificates and mark sheets to the DigiLocker portal of Ministry of Electronics and IT for ready access by students.
- Use of software for online proctored entrance test.
- Use of windows and google mail merge facilities for bulk forwarding of official letters.

<b>6.3 Faculty Empowerment Strategies</b>				
<b>6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year</b>				
<b>Year</b>	<b>Name of teacher</b>	<b>Name of conference/ workshop attended for which financial support provided</b>	<b>Name of the professional body for which membership fee is provided</b>	<b>Amount of support</b>
2019-20	Dr. Saurabh Maheshwari	29th Annual Convention of National Academy of Psychology in India at Pondicherry University	Sikkim University	10,000
	Dr. Satyananda Panda	6th International & 8th Indian Psychology Science Congress Conference (NAPS 2019) at Punjab University, Chandigarh	Sikkim University	10,000
	Prof. N. Sathyanarayana	Conference on Neglected and Underutilized crop species for Food, Nutrition, Energy and Environment at New Delhi	Sikkim University	10,000
	Prof. Manesh Choubey	National Seminar at Henvati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand	Sikkim University	10,000
	Dr. E. Ishwarjit Singh	XIV DGSI International Geography Conference at University of Rajasthan, Jaipur	Sikkim University	10,000

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	Dr. Ajay Tripathi	National Conference at Aliah University, Kolkata	Sikkim University	10,000
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<b>6.3.2 Number of professional development / administrative training programmes organized by the University for teaching and non-teaching staff during the year</b>					
<b>Year</b>	<b>Title of the professional development programme organised for teaching staff</b>	<b>Title of the administrative training programme organised for non-teaching staff</b>	<b>Dates (from-to)</b>	<b>No. of participants (Teaching staff)</b>	<b>No. of participants (Non-teaching staff)</b>
<b>School of Human Sciences</b>					
<b>Department of Anthropology</b>					
2019-20	Prof.SameeraMaiti Memorial Lecture	.N.A.	1 November 2019	60	.N.A.
2019-20	Special Deliberation and lectures	.N.A.	21 November 2019	50	.N.A.
2019-20	Special Lecture	.N.A.	20 November 2019	40	.N.A.
2019-20	International Day of The World'S Indigenous Peoples	.N.A.	9 August 2019	60	.N.A.
2019-20	Special Lecture	.N.A.	7 August 2019	40	.N.A.
2019-20	One Day Workshop HIV/AIDS and Prevalence of Tuberculosis in	.N.A.	5 August 2019	50	.N.A.

	Sikkim : Practitioner's and Community Perspectives'.				
2019- 20	World Museum Day	.N.A.	17 May 2019	50	.N.A.
2019- 20	Special Lecture	.N.A.	13 May 2019	50	.N.A.
<b>Department of Psychology</b>					
2019- 20	Special Lecture	.N.A.	9-12 September 2019	72	.N.A.
2019- 20	Special Lecture	.N.A.	5 March 2020	63	.N.A.
<b>School of Languages and Literatures</b>					
<b>Department of Chinese</b>					
2019- 20	Capacity Building in Chinese Studies in Northeast India, 2nd Institute of Chinese Studies- Harvard Yenching Institute Colloquium	.N.A.	11 June 2019	80	.N.A.
<b>Department of Nepali</b>					
2019- 20	Creative Writing	.N.A.	8 November 2019	85	.N.A.
2019- 20	Nepali Linguistics	.N.A.	25 September 2019	96	.N.A.

<b>Department of English</b>					
2019-20	Play Performance	.N.A.	26 November 2019	200	.N.A.
2019-20	International Women's Day Conference	.N.A.	08 March 2020	80	.N.A.
<b>Department of Lepcha</b>					
2019-20	Seminar	.N.A.	27 November 2019	10	.N.A.
<b>School of Life Sciences</b>					
<b>Department of Botany</b>					
2019-20	Global Food Security and Climate Change- Some Technological Interventions	.N.A.	16 May 2019	80	.N.A.
<b>Department of Horticulture</b>					
2019-20	Processing and Value Addition of Local Crop Germplasm	.N.A.	11-13 December 2019	30	.N.A.
<b>Department of Zoology</b>					
2019-20	International conference in chemical ecology, environment and human health: Emerging frontiers and synthesis(ICCEE HH-2019)	.N.A.	9-10 August 2019	100	.N.A.
<b>School of Physical Sciences</b>					

<b>Department of Computer Applications</b>					
2019-20	Machine Learning and Big Data Analytics: Application to Remote Sensing	.N.A.	19-20 August 2019	37	.N.A.
<b>School of Professional Studies</b>					
<b>Department of Commerce</b>					
2019-20	Workshop on Structural Equation Modelling using AMOS	.N.A.	10-11 November 2019	48	.N.A.
2019-20	Workshop on Personality Development	.N.A.	5 September 2019	95	.N.A.
<b>Department of Education</b>					
2019-20	Deliberation and Panel Discussion on Draft National Education Policy 2019	.N.A.	9 August 2019	60	.N.A.
2019-20	National Seminar on Recent Trends in Educational Psychology	.N.A.	11-12 November 2019	80	.N.A.
2019-20	Research Methodology Course on Social Sciences	.N.A.	18-28 Nov 2019	30	.N.A.
<b>Department of Music</b>					

2019-20	Workshop on the Topic: Dhrupad Music and Carnatic Music (Violin)	.N.A.	13- 16 November 2019	70	.N.A.
2019-20	Workshop on Violin	.N.A.	19-22 October 2019	70	.N.A.
<b>School of Social Sciences</b>					
<b>Department of History</b>					
2019-20	Reimagining the History and Traditions of the People of Sikkim	.N.A.	14-15 November 2019	30	.N.A.
<b>Department of International Relations</b>					
2019-20	VIII Distinguished Foreign Policy Lecture by Amb. M Ganapathi	.N.A.	19-09-2019	-	.N.A.
<b>Department of Sociology</b>					
2019-20	Training Workshop on Skill Development of Women for Employability and Entrepreneurship in North East Region	.N.A.	21-24 August 2019	50	.N.A.
<b>Hindi Cell</b>					
2019-20	Sentence structure in	.N.A.	25 June 2019	.N.A.	.N.A.

	Hindi and other grammatical aspects				
2019-20	Hindi Typing in computer	.N.A.	19 August 2019	.N.A.	.N.A.
2019-20	Workshop on “Knowledge of Hindi Language – In context of Grammar”	.N.A.	29 March 2019	.N.A.	.N.A.
2019-20	Official Noting	.N.A.	30 December 2019	.N.A.	.N.A.
2019-20	Hindi Pakhawada	.N.A.	14-30 September 2019	.N.A.	.N.A.
<b>Central Library</b>					
2019-20	User Awareness Programme on ScienceDirect and Springer Nature	.N.A.	30 August 2019	50	.N.A.
2019-20	Orientation Programme	.N.A.	30 August 2019 to 6 September 2019	800	.N.A.
2019-20	User Awareness Programme on Urkund & Remote Access Services	.N.A.	29 November 2019	70	.N.A.
<b>Centre for Endangered Languages</b>					
2019-20	Scripts and Font Development for	.N.A.	30 August 2019	86	.N.A.

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	Endangered Languages of Sikkim and the Himalayas				
2019-20	Grammatical Variation: Tibeto-Burman Agreement System	.N.A.	30 August 2019 to 6 September 2019	17	.N.A.

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

<b>6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year</b>		
<b>Title of the professional development programme</b>	<b>Number of teachers who attended</b>	<b>Date and Duration (from – to)</b>
Orientation Programme	8	07.01.2020- 27.01.2020, 09.07.2019- 29.10.2019, 04.01.2020- 24.01.2020, 02.09.2019- 21.09.2019, 20.02.2019- 19.03.2019, 04.09.2019- 24.09.2019, 16.08.2019- 05.09.2019, 05.03.2020- 25.03.2020
Refresher Course	3	18.11.2019- 30.11.2019, 01.08.2019- 14.08.2019, 20.08.2019- 02.09.2019
Short Term Course	2	05.09.2019- 25.09.2019 [Faculty Training (CAFT)],



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		13.05.2019- 05.07.2019 (NNRMS Course)
Faculty Development Programmes	NIL	NIL

**6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):**

<b>Teaching</b>		<b>Non-teaching</b>	
<b>Permanent</b>	<b>Fulltime</b>	<b>Permanent</b>	<b>Fulltime</b>
157	165 (including 8 contractual)	118	118

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<b>6.3.5 Welfare schemes for</b>	
Teaching	<ul style="list-style-type: none"><li>• Medical Facility</li><li>• Gymnasium Facility</li></ul>
Non-teaching	<ul style="list-style-type: none"><li>• Medical Facility</li><li>• Gymnasium Facility</li><li>• Subsidised Canteen Facility</li></ul>
Students	<ul style="list-style-type: none"><li>• Medicare Facility</li><li>• Subsidised Canteen Facility</li><li>• Transport Facility</li><li>• Gymnasium Facility</li></ul>

**6.4 Financial Management and Resource Mobilization****6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)**

Sikkim University is a Central University established by an act of Parliament on 2<sup>nd</sup> July, 2007. The primary and major source of fund received by the University is from University Grant Commission through approval of Ministry of Finance, Govt. of India. The University receives Grants under the following heads:

1. Salary
2. Recurring
3. Capital

**Internal Audit:** Internal Audit Officer of the University conducts Internal Audit of the University. The observations of the Audit are issued to the concerned Departments/Officials for timely compliances. In every periodic interval, the position of the pending Audit para are reviewed by Standing Audit Committee. The files are marked to the Internal Audit Officer for pre-audits too in important cases.

The status of the Audit Para along with report of the SAC is placed before the Finance Committee for further instructions.

**Statutory Audit:** External Audit of Annual Accounts are conducted by the Comptroller and Auditor General of India in compliance to Section 33(1) of the Sikkim University Act. Copy of the annual accounts together with the audit report is submitted to the Central Government which is placed before both Houses of Parliament as per prescribed guidelines Ministry of Finance, Govt. of India.

**Transaction Audit:** The Comptroller and Auditor General of India, also conducts the transaction audit of the University. The University complies the

audit observations so issued through Standing Audit Committee and Finance Committee.

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

<b>Name of the non government funding agencies/ individuals</b>	<b>Funds/ Grants received in Rs.</b>	<b>Purpose</b>
NIL	NIL	NIL
<b>6.4.2 Total corpus fund generated NIL</b>		

**6.5 Internal Quality Assurance System**

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

<b>Audit Type</b>	<b>External</b>		<b>Internal</b>	
	<b>Yes/No</b>	<b>Agency</b>	<b>Yes/No</b>	<b>Authorit y</b>
Academic	YES			
Administrative Finance	YES	Comptroller and Auditor General of India	YES	IAO

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

**OA-3 ON THE BOARD OF STUDIES**

**Serial 1-V:** Not more than three teachers teaching the concerned subject from affiliated colleges nominated by the Vice-Chancellor on the recommendation of the Director, College Development Council.

**OA -4 ON THE SCHOOL BOARDS**

**Serial 1-VI:** Not more than three teachers, including retired teachers nominated by the Vice-Chancellor, who have expertise in the subjects around which the departments in the School are organised and who are not employees of the University or of any of its affiliated colleges/institutions.

**OC-1 ON THE ADMISSION OF STUDENTS TO THE UNIVERSITY INCLUDING ITS AFFILIATED COLLEGES**

**Serial 2:** The candidates seeking admission to a programme/course of study in the University, including its affiliated colleges, must satisfy the rules of the University.

**OD-1 ON THE ADMISSION OF COLLEGES AND INSTITUTIONS TO THE PRIVILEGES OF THE UNIVERSITY**

**Serial 13:** Temporary Affiliation

On receipt of permission to open a college/institution/subject/course of study, the applicant shall deposit the fees approved by the Authorities of the University from time to time and other such documents that the University may seek such as the evidence of fixed deposits for amounts prescribed by the UGC from time to time for Arts, Science, Commerce and Professional Courses. On completion of this the college/institution/subject/course of study is considered as temporarily affiliated and such affiliation shall remain valid for

one year only. The application for renewal of affiliation must be made at least one semester before the termination of the temporary affiliation.

### **OD-1 ON THE ADMISSION OF COLLEGES AND INSTITUTIONS TO THE PRIVILEGES OF THE UNIVERSITY**

#### **Serial 20: Fees**

The following shall be the fees to be paid by the affiliated colleges with 2% non-cumulative increase every year from the date of adoption of this Ordinance:

<b>Sl.No</b>	<b>Nature of Affiliation applied for</b>	<b>Amount of Fees to be paid in Rs.</b>
1	Temporary Affiliation of Institution	10,000
2	Permanent Affiliation of Institution	50,000
3	Temporary Affiliation of UG Pass Subject	5,000
4	Permanent Affiliation of UG Pass Subject	25,000
5	Temporary Affiliation of UG Honours Subject	8,000
6	Permanent Affiliation of UG Honours Subject	40,000
7	Temporary Affiliation of UG Professional Subject	10,000
8	Permanent Affiliation of UG Professional Subject	50,000
9	Temporary Affiliation of Certificate Course	3,000
10	Permanent Affiliation of Certificate Course	15,000
11	Temporary Affiliation of Diploma Course	5,000
12	Permanent Affiliation of Diploma Course	25,000
13	Temporary Affiliation of PG Subject	5,000
14	Permanent Affiliation of PG Subject	25000
15	Fixed Deposit for starting UG Programmes in Arts, Commerce and Science	15 lakhs or as prescribed by UGC
16	Fixed Deposit for UG Programmes in Professional Courses	35 lakhs or as prescribed by UGC

### **OD-2 ON THE COLLEGE DEVELOPMENT COUNCIL**



**Serial 2:** The Council shall be the Principal Advisory Body to the Academic Council in all matters relating to the affiliated colleges/institutions.

### **OD-2 ON THE COLLEGE DEVELOPMENT COUNCIL**

**Serial 3:** Constituent Members of the Council:

- Two Principals of affiliated Members colleges, of which one shall be from government college and one from private/missionary college by rotation in order of the date of establishment of a college.
- Two teachers of the Members affiliated colleges to be nominated by the Vice-Chancellor.

### **OD-2 ON THE COLLEGE DEVELOPMENT COUNCIL**

**Serial 9:** The Council shall have the following functions:

- i. To provide a forum for consideration of various aspects of education in the affiliated colleges/institutions of the University with a view to continuously improve the general educational standards in the colleges;
- ii. To help the affiliated colleges prepare developmental projects which may be financed by the state government or other funding agencies such as University Grants Commission;
- iii. To assess periodically the physical facilities in the affiliated colleges with reference to the number of students and the subjects taught and make recommendations to the UGC or state government for their improvement;
- iv. To review the academic performance of affiliated colleges from time to time and make suggestions for improvement;
- v. To review the examination systems and suggest innovations and improvement from time to time;
- v. To take action on the Inspection Reports on various colleges/institutions;

- vi. To prepare and maintain an up-to-date profile on each college/institution/subject/courses of study affiliated to the University, revising the existing facilities and identifying the needs and gaps that need to be filled for their development;

### **OD-3 ON THE PG DEPARTMENTS IN COLLEGES AFFILIATED TO THE UNIVERSITY**

An affiliated college/institution may be granted the permission to teach PG courses in selected subjects on fulfillment of the criteria laid down in this Ordinance.

### **OE-1 ON THE ACADEMIC CALENDAR OF THE UNIVERSITY**

Calendar for Colleges/Institutions affiliated with the University

### **OE-3 ON THE CONVOCATION**

**Serial 6-i:** For the award of degree at the Convocation, candidates present shall be formally presented to the Chancellor/Vice-Chancellor for admission to their respective degrees. The Deans of respective Schools shall present the Master students of their Schools. The Principals of the affiliated colleges, nominated for the purpose by the Vice-Chancellor, shall present the undergraduate candidates for various degrees. The names of the recipients of medals and prizes shall be read out by the Registrar who shall also present the candidates for their degrees in absentia for admission to their respective degrees.

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

NIL

#### **6.5.4 Development programmes for support staff (at least three)**

Library

<b>S1</b>	<b>Program</b>	<b>Date</b>	<b>Resource Person</b>
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1	User Awareness Programme on ScienceDirect and Springer Nature	30 August 2019	Prof. A S Chandel
2	Orientation Programme	30 August 2019 To 6 September 2019	Prof. A S Chandel
3	User Awareness Programme on Urkund & Remote Access Services	29 November 2019	Prof. A S Chandel
4	Workshop was held on "Sentence structure in Hindi and other grammatical aspects" on	25th June 2019	Shri Mahesh Singh, Hindi Pradhyapak
5	Workshop on "Hindi Typing in computer"	19 August 2019	Jutika Goswami, Hindi Translator, Sikkim University
6	Workshop on "Official Noting".	30 December 2019	Shri T.K.Kaul, Registrar, Sikkim University
7	Hindi Pakhawada Sikkim University	14-30 Sept 2018	Jutika Goswami, Hindi Translator, Sikkim University
8	National Academic Depository (NAD) – National Level Review Meeting 2019	12th July 2019	Dr. Nikhil Kumar, Education Officer, UGC
9	Meeting of Hon'ble Vice-Chancellor with Principals of all Affiliated colleges to discuss on "Quality Examination System"	24th January 2020	Shri Pranab Kumar Sarkar, Controller of Examinations, Sikkim University

**6.5.5 Post Accreditation initiative(s) (mention at least three)****6.5.6**

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

<b>6.5.7 Number of Quality Initiatives undertaken during the year</b>				
<b>Year</b>	<b>Name of quality initiative by IQAC</b>	<b>Date of conducting activity</b>	<b>Duration (from----- to-----)</b>	<b>Number of participants</b>
2019-20	IQAC Coordination Meeting	11 November 2019	4:15 PM	12
2019-20	IQAC Coordination Meeting	18 <sup>th</sup> November 2019	3:00 PM	3
2019-20	IQAC Coordination Meeting	19 November 2019	3:00 PM	6
2019-20	IQAC Coordination Meeting	5 <sup>th</sup> December 2019	3:00 PM	6

**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**

NIL

**7.1.3 Differently abled (Divyangjan) friendliness**

<b>Items Facilities</b>	<b>Yes/No</b>	<b>No. of Beneficiaries</b>
Physical facilities	No	
Provision for lift	No	
Ramp/ Rails	No	
Braille Software/facilities	No	
Rest Rooms	No	
Scribes for examination	No	
Special skill development for differently abled students	No	
Any other similar facility	No	

<b>7.1.4 Inclusion and Situatedness</b>						
<b>Enlist most important initiatives taken to address locational advantages and disadvantages during the year</b>						
<b>Year</b>	<b>Number of initiatives to address locational advantages and disadvantages</b>	<b>Number of initiatives taken to engage with and contribute to local community</b>	<b>Date and duration of the initiative</b>	<b>Name of the initiative</b>	<b>Issues addressed</b>	<b>Number of participating students and staff</b>
2019-20	6	6	14-15 November 2019	Reimagining the History and Traditions of the People of Sikkim	Local History and Tradition	36
			5 August 2019	One Day Workshop HIV/AIDS and Prevalence of Tuberculosis in Sikkim : Practitioner's and Community	Awareness	50

		Perspectives'.		
	8 March 2020	International Women's Day Conference	Awareness	89
	11-13 December 2019	Processing and Value Addition of Local Crop Germplasm	Awareness	36
	23-27 September, 2019	Scripts and Font Development for Endangered Languages of Sikkim and the Himalayas	Awareness	86

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>



<b>7.1.5 Human Values and Professional Ethics</b>		
<b>Code of conduct (handbooks) for various stakeholders</b>		
<b>Title</b>	<b>Date of Publication</b>	<b>Follow up (maximum 100 words each)</b>
THE SIKKIM UNIVERSITY ACT, 2006 No. 10 Of 2007	10.1.2007	<p>It discusses the following:</p> <ol style="list-style-type: none"> <li>1. Short title and Commencement</li> <li>2. Definitions</li> <li>3. Establishment of the University</li> <li>4. Objects of the University</li> <li>5. Powers of the University</li> <li>6. Jurisdiction</li> <li>7. University open to all classes, castes and creed</li> <li>8. The Visitor</li> <li>9. The Chief Rector</li> <li>10. Officers of the University</li> <li>11. The Chancellor</li> <li>12. The Vice-Chancellor</li> <li>13. The Pro-Vice-Chancellor</li> <li>14. The Deans of Schools</li> <li>15. The Registrar</li> <li>16. The Finance Officer</li> <li>17. The Controller of Examinations</li> <li>18. The Librarian</li> <li>19. Other Officers</li> <li>20. Authorities of the University</li> <li>21. The Court</li> <li>22. The Executive Council</li> <li>23. The Academic Council</li> <li>24. The College Development Council</li> <li>25. The Board of Studies</li> <li>26. The Finance Committee</li> </ol>

		<p>27. Other authorities of the University</p> <p>28. Power to make Statutes</p> <p>29. Statutes how to be made</p> <p>30. Power to make Ordinances</p> <p>31. Regulations</p> <p>32. Annual Report</p> <p>33. Annual Accounts</p> <p>34. Returns and Information</p> <p>35. Conditions of service of employees</p> <p>36. Procedure of appeal and arbitration in disciplinary cases against students</p> <p>37. Right to appeal</p> <p>38. Provident and pension funds</p> <p>40. Filling of casual vacancies</p> <p>41. Proceeding of authorities or bodies not invalidated by vacancies</p> <p>42. Protection of action taken in good faith</p> <p>43. Mode of proof of University record</p> <p>44. Power to remove difficulties</p> <p>45. Statutes, Ordinances and Regulations to be published in the Official Gazette and to be laid before parliament</p> <p>46. Transitional provision</p>
THE SIKKIM UNIVERSITY STATUTES	-	<p>It discusses the following:</p> <ol style="list-style-type: none"> <li>1. The Chancellor</li> <li>2. The Vice-Chancellor</li> <li>3. Powers and duties of the Vice-Chancellor</li> <li>4. Pro-Vice-Chancellor</li> <li>5. Deans of Schools</li> <li>6. The Registrar</li> </ol>

		<p>7. The Finance Officer</p> <p>8. The Controller of Examinations</p> <p>9. The Librarian</p> <p>10. Meetings of the Court</p> <p>11. Constitution of the Executive Council</p> <p>12. Powers and functions of the Executive Council</p> <p>13. Constitution of the Academic Council</p> <p>14. Powers and functions of the Academic Council</p> <p>15. Schools of Studies and Departments</p> <p>16. Board of Studies</p> <p>17. The Finance Committee</p> <p>18. Selection Committee</p> <p>19. Special mode of appointment</p> <p>20. Appointment for a fixed tenure</p> <p>21. Recognized teachers</p> <p>22. Committees</p> <p>23. Terms and conditions of service and code of conduct of the teachers, etc.</p> <p>24. Terms and conditions of service and code of conduct of other employees</p> <p>25. Seniority list</p> <p>26. Removal of employees of the University</p> <p>27. Honorary Degrees</p> <p>28. Withdrawal of degrees, etc</p> <p>29. Maintenance of discipline among students of the University</p>
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		<p>30. Maintenance of discipline among students of College, or an Institution not maintained by University</p> <p>31. Admission of Colleges, etc. to the privileges of the University</p> <p>32. Convocations</p> <p>33. Acting Chairman of meetings</p> <p>34. Resignations</p> <p>35. Disqualifications</p> <p>36. Residence condition for membership and office</p> <p>37. Membership of authorities by virtue of membership of other bodies</p> <p>38. Alumni association</p> <p>39. Students Council</p> <p>40. Ordinances, how made</p> <p>41. Regulations</p> <p>42. Delegation of Powers</p>
<p>THE SIKKIM UNIVERSITY FIRST ORDINANCES 2016</p>	<p>02.02. 2016</p>	<p>It discusses the following:</p> <p>1) OA SERIES ON DEPARTMENTS AND SCHOOLS</p> <ul style="list-style-type: none"> <li>• OA-1 ON THE DEPARTMENTS</li> <li>• OA-2 ON THE HEADS OF DEPARTMENTS</li> <li>• OA-3 ON THE BOARD OF STUDIES</li> <li>• OA-4 ON THE SCHOOL BOARDS</li> <li>• OA-5 ON THE DEANS OF SCHOOLS</li> <li>• OA-6 ON THE ASSIGNMENT OF DEPARTMENTS TO SCHOOLS</li> <li>• OA-7 ON THE DEANS' COMMITTEE</li> </ul>

		<p>2) OB SERIES ON TEACHERS, OFFICERS AND STAFF</p> <ul style="list-style-type: none"> <li>• OB-1 ON THE SCREENING AND SELECTION OF TEACHERS</li> <li>• OB-2 ON THE SERVICE CONDITIONS, SALARY SCALES, CLASSIFICATIO AND QUALIFICATIONS OF TEACHERS</li> <li>• OB-3 ON GOVERNING LEAVE TO TEACHERS OF THE UNIVERSITY</li> <li>• OB-4 ON THE CAREER ADVANCEMENT SCHEME</li> <li>• OB-5 ON THE TERMS AND CONDITIONS OF THE SERVICE OF THE VICE-CHANCELLOR</li> <li>• OB-6 ON THE TERMS AND CONDITIONS OF THE SERVICE OF THE REGISTRAR</li> <li>• OB-7 ON THE TERMS AND CONDITIONS OF THE SERVICE OF THE FINANCE OFFICER</li> <li>• OB-8 ON THE TERMS AND CONDITIONS OF THE SERVICE OF THE CONTROLLER OF EXAMINATIONS</li> <li>• OB-9 ON THE TERMS AND CONDITIONS OF THE SERVICE OF THE LIBRARIAN</li> <li>• OB-10 ON THE SCALES OF PAY AND ALLOWANCES AND SERVICE CONDITIONS OF NON-TEACHING (OTHER THAN STATUTORY)</li> </ul>
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		<p>EMPLOYEES OF THE UNIVERSITY FROM GROUP A TO C</p> <ul style="list-style-type: none"> <li>• OB-11 ON THE MINIMUM QUALIFICATIONS FOR DIRECT RECRUITMENT TO THE POSTS OF DEPUTY LIBRARIAN, ASSISTANT LIBRARIAN, DEPUTY REGISTRAR, ASSISTANT REGISTRAR, DIRECTOR OF PHYSICAL EDUCATION, DEPUTY DIRECTOR AND ASSISTANT DIRECTOR OF PHYSICAL EDUCATION</li> </ul> <p>3) OC SERIES ON STUDENTS</p> <ul style="list-style-type: none"> <li>• OC-1 ON THE ADMISSION OF STUDENTS TO THE UNIVERSITY INCLUDING ITS AFFILIATED COLLEGES</li> <li>• OC-2 ON THE MEDIUM OF INSTRUCTION AND EXAMINATION</li> <li>• OC-3 ON FEES PAYABLE BY STUDENTS</li> <li>• OC-4 ON THE STRUCTURE OF BACHELOR OF ARTS, SCIENCE, LAW, MEDICINE, EDUCATION, HOME SCIENCE, COMMERCE AND PROFESSIONAL COURSES</li> <li>• OC-5 ON THE MASTER'S DEGREE PROGRAMME IN ARTS, SCIENCE, LAW, MEDICINE, EDUCATION, HOME SCIENCE, COMMERCE AND PROFESSIONAL COURSES</li> </ul>
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		<ul style="list-style-type: none"> <li>• OC-6 ON THE MASTER OF PHILOSOPHY PROGRAMME</li> <li>• OC-7 ON THE DOCTOR OF PHILOSOPHY PROGRAMME</li> <li>• OC-8 ON THE AWARD OF DEGREES, DIPLOMAS AND CERTIFICATES</li> <li>• OC-9 ON THE POWERS AND FUNCTIONS OF THE DEAN, STUDENTS' WELFARE</li> <li>• OC-10 ON THE AWARD OF FELLOWSHIPS, STUDENTSHIPS, MEDALS AND PRIZES</li> <li>• OC-11 ON THE CONDITIONS OF RESIDENCE OF STUDENTS</li> <li>• OC-12 ON THE MAINTENANCE OF DISCIPLINE THE SIKKIM UNIVERSITY FIRST ORDINANCES</li> </ul> <p>4) OD SERIES ON AFFILIATED COLLEGES</p> <ul style="list-style-type: none"> <li>• OD-1 ON THE ADMISSION OF COLLEGES AND INSTITUTIONS TO THE PRIVILEGES OF THE UNIVERSITY</li> <li>• OD-2 ON THE COLLEGE DEVELOPMENT COUNCIL</li> <li>• OD-3 ON THE PG DEPARTMENTS IN COLLEGES AFFILIATED TO THE UNIVERSITY</li> </ul> <p>5) OE SERIES ON MISCELLANEOUS SUBJECTS</p>
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		<ul style="list-style-type: none"> <li>• OE-1 ON THE ACADEMIC CALENDAR OF THE UNIVERSITY</li> <li>• OE-2 ON THE SCHEDULE OF MEETINGS</li> <li>• OE-3 ON THE CONVOCATION</li> <li>• OE-4 ON THE WOMEN'S CELL</li> <li>• OE-5 ON THE ALUMNI ASSOCIATION</li> <li>• OE-6 ON THE REDRESSAL OF GRIEVANCES OF EMPLOYEES</li> <li>• OE-7 ON RESEARCH PROJECTS</li> </ul>
REGULATIONS	<p>31.3.14</p> <p>28.6.14</p> <p>15.11.2014</p> <p>25.4.22</p> <p>28.06.2014</p> <p>21.11.2016</p> <p>21.11.2016</p> <p>01.12.2017</p> <p>11.09.2020</p> <p>11.09.2020</p> <p>01.12.2017</p>	<p>REGULATIONS</p> <p>RE 1- Regulation for meeting of the Executive Council</p> <p>RE 2- Regulations for Meeting of Academic Council</p> <p>RE 3- Regulations for the meetings of the Finance Committee</p> <p>RE 4- Regulations on Conduct of Examinations</p> <p>RE 5- Regulations of Alumni Association</p> <p>RE 6- Regulations on Endowments and other Trust Funds</p> <p>RE 7- B.Ed. part time Regulations</p> <p>RE 8- Regulation for Certificate and Diploma Courses</p> <p>RE 9- Regulation for conduct of MASTER OF PHILOSOPHY (MPhil) Programme</p> <p>RE 10- Regulation for conduct of DOCTOR OF PHILOSOPHY (Ph.D.) Programme</p>



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	-	RE 11- Regulation for conduct of the B. Voc Programme RE 12- Regulation for the meetings of the Court
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<https://cus.ac.in/index.php/en/su-act>

<https://cus.ac.in/index.php/en/statutes>

<https://cus.ac.in/index.php/en/ordinance>

<https://cus.ac.in/index.php/en/su-regulations>

<b>7.1.6 Activities conducted for promotion of universal Values and Ethics</b>		
<b>Activity</b>	<b>Duration (from-----to----- --)</b>	<b>Number of participants</b>
Reimagining the History and Traditions of the People of Sikkim	14-15 November 2019	36
International Day of The World'S Indigenous Peoples	9 August 2019	60
One Day Workshop  HIV/AIDS and Prevalence of Tuberculosis in Sikkim : Practioner's and Community Perspectives'.	5 August 2019	50
Capacity Building in Chinese Studies in Northeast India, 2 <sup>nd</sup> Institute of Chinese Studies- Harvard Yenching Institute Colloquium	11 June 2019	86
International Women's Day Conference	8 March 2020	89
International conference in chemical ecology,environment and human health:Emerging frontiers and synthesis(ICCEEHH-2019)	9-10 August 2020	100
Deliberation and Panel Discussion on Draft National Education Policy 2019	9 August 2019	60
National Seminar on Recent Trends in Educational Psychology	11-12 November 2019	80

Research Methodology Course on Social Sciences	18-28 Nov 2019	30
Scripts and Font Development for Endangered Lan- guages of Sikkim and the Himalayas	23-27 September 2019	86
Awareness Program on Ill-Effects of Substance Abuse	2/4/2019	112
Health Awareness' Program on International Yoga Day	21 June 2019	38
Awareness Program on Human Rights	6 August 2019	168
Orientation Program	2 September 2019	87
NSS Volunteers Counselling	19 August 2019	15
NSS Volunteers Counselling	27 September 2019	14
Constitution Day	26 November 2019	55

<https://cus.ac.in/images/content/static/AQAR/2019-20/AQAR%202019-20/Annual%20Report%202019-20.pdf>

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

Department of Chemistry has a practice of collecting and safe disposal of Laboratory wastes produced during the experiments performed by the students and the research scholars.

Laboratory wastes are segregated and collected in the following ways:

**1. Organic Waste:-**

(a) **Constituents-** Organic Solvents like Petroleum Ether, Ethyl Acetate, Dichloromethane, Chloroform, Acetonitrile, Toluene, Acetone

(b) **Properties-** Low Boiling point, Flammable, Volatile

**2. Aqueous Waste or Inorganic Waste:-**

(a) **Constituents-** Water with different salts like Sodium Chloride, Sodium bicarbonate, Sodium Thiosulphate, Sodium Hydroxide

(b) **Properties-** Corrosive

**3. Acid Waste:-**

(a) **Constituents-**Hydrochloric Acid, Sulphuric Acid, Acetic Acid , Nitric acid

**Properties-**Corrosive, highly miscible in water

**4. Solid Waste:-**

(a) **Constituents-**Broken glassware

(b) **Properties-**Sharpe edge may penetrate through the skin

Department of Chemistry has entered into a service agreement and has become a lifetime member with **M/s West Bengal Waste Management Limited** for the safe disposal of the laboratory waste generated in the department

**8. Future Plans of action for next academic year (500 words)**

1. To speed up the development of permanent campus at Yangyang (South Sikkim).
2. Shifting of non-laboratory-based teaching departments to the permanent campus of the University at Yangyang.
3. Direct recruitment of permanent teaching faculty at different levels through rolling advertisement for the vacant positions.
4. Recruitment of non-teaching staff at different levels.
5. Strengthening of infrastructure in terms of ICT-enabled facilities, library acquisitions, laboratories etc.
6. Participation and improved performance in NIRF ranking 19-20.

## 7.2 Best Practices

**Describe at least two institutional best practices**

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

### **Teaching – Learning Process**

- Sikkim University releases academic calendar in the beginning of every academic calendar for planning stipulated academic commitments the same is uploaded in the university website for reference.
- Sound ICT provisions are made available in all the 112 classrooms of the 32 departments for motivating members in the faculty use ICT tool for conduct of the classes.
- Every teacher is mandated to strictly maintain attendance record of the students and in situation irregularity is observed the same is notified to the departmental heads for necessary action.
- Periodic tests and assignment work are scheduled for assessment of student's involvement in academic.
- Syllabus coverage is monitored by the departmental heads in regular intervals.
- Syllabus for various courses undergo periodic reviews to keep up with the discipline specific requirement and evolving trends, the same is uploaded in the university website for reference.

### **Mentoring System for Students**

- Students enrolled under various programmes like UG, PG, MPhil and PhD across various departments in the university are directly placed under the guidance and supervision of the departmental faculty members. The faculty members guides students in their minor dissertations, major dissertation, internships and field trips.
- During their minor dissertations and major dissertation the students perform their routine assignments apportioned by their respective mentors

and are rigorously assessed for performance during the tenure of the dissertation.

**7.3 Institutional Distinctiveness**

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

One of the prime objectives of the university is to achieve intellectual, academic and cultural development of the people of Eastern Himalayas.

In pursuit of the same, our university has so far established 32 academic departments spread across 6 schools of studies, namely the School of Human Sciences, School of Languages and Literature, School of Life Sciences, School of Physical Sciences, School of Professional Studies and School of Social Sciences. The university has around 160 members in the faculty of various departments and 2700 students from all over India and overseas enrolled in various programmes such as UG, PG, M Phil and PhD offered by different departments. In an academic year, around 900 students graduate from the university. In addition to this, the university also produces around 80 M Phil and 70 PhD candidates.

To keep the curriculum framework on track and at par with other academic institutes of eminence, periodic curriculum revisions are made inviting experts from prominent academic institutions, industries, practitioners, civil society and non-profit agencies. The curriculum revisions are made keeping in view the recent trends, needs of the future and prospective opportunities. The curriculum also pays due regard to the requirements of the locality and the local community. In fact Sikkim University is the only university in the world which offers post-graduate courses in Bhutia, Lepcha and Limboo languages. Our university has granted affiliation to 18 colleges in the state of Sikkim. The university carries out the responsibilities of curriculum drafting, managing examinations and other academic affairs of these colleges.



In addition to teaching-learning activities, the faculty members of the university are engaged in diverse fields of research. This is evident from the number of annual publications and projects awarded to members of the faculty by different governmental and non-governmental agencies. The List includes UGC, ICSSR, CEPF, JICA, DST, NMHS, GBPNIHED, DBT, SERB, ICMR, DST-Inspire, NMSHE, UNU-WIDER, ICHR, INSA, NERC-ICSSR, NEC, ICRIER, ICIMOD-HUC and Kendriya Hindi Sansthan.

The Scopus and WOS database lists around 330 and 280 articles respectively published by the members of faculty in the university. The number of publications in various refereed journals averages around 200 articles per year. The members of the faculty also do publish books and book chapters averaging over 70 publications. Currently, the faculty members from the university are engaged in around 50 ongoing projects inviting experts, JRF, SRF and Scholars from their respective fields.

The academic departments host various seminars, conferences, and workshops inviting experts from all around the globe throughout the year for knowledge exchange, student enrichment and mutual prosperity. The departments altogether organize around 50 such events annually.

Besides academics, the university also promotes students to actively participate in sports and cultural events at the regional, state and national level. SUSA the student's body, SUTA the teacher's body and SUNTA the staff body of the university are actively engaged in executing various activities of academic and social importance.

The university is equally committed to societal responsibilities, through Unnat Bharat Abhiyan (UBA), Government of India. Sikkim University has adopted five villages in Yangang- Rangang GPU, South Sikkim. The UBA cell of Sikkim

University till now has organized two Orientation programmes at Rangang - Yangang GPU.

The university is thus relentlessly striving to achieve its proposed vision.

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