

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Universities)
(For Academic Year 2021-22, 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

1. Data of the Institution

(Data may be Captured from IIQA)

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|--------------------------------------------------|----------------------------------------------------------------------|
| 1. Name of the Institution: | Sikkim University |
| • Name of the Head of the institution: | Prof. Avinash Khare |
| • Designation: | Vice-Chancellor |
| • Does the institution function from own campus: | No |
| • Phone no./Alternate phone no: | 03592-251403/251073 |
| • Mobile no: | +91-9873428154/+91-80013855345 |
| • Registered Email: | sssharma@cus.ac.in |
| • Alternate Email: | vc@cus.ac.in
registrar@cus.ac.in |
| • Address: | 6th Mile Tadong, Samdur,
East Sikkim, Gangtok,
Sikkim |
| • City/Town: | Gangtok |
| • State/UT: | Sikkim |
| • Pin Code: | 737102 |

2. Institutional status:

- University: **Central**
State/Central/Deemed/Private:
- Type of Institution: Co- **Co-Education**
Education/Men/Women:
- Location : Rural/Semi-urban/Urban: **Urban**
- Financial Status: Centrally funded/state **Centrally funded**
funded/Private:
- Name of the IQAC Co- **Prof. Shanti Swarup**
ordinator/Director: **Sharma**
- Phone no. /Alternate phone no. : **03592-251403/251073**
- Mobile: **+91-9418232910**
- IQAC e-mail address: **sssharma@cus.ac.in**
- Alternate Email address: **vc@cus.ac.in**
registrar@cus.ac.in

3. Website address:**www.cus.ac.in**

Web-link of the AQAR: (Previous Academic Year):

<https://cus.ac.in/index.php/en/aqar-sikkim-university-e>**4. Whether Academic Calendar prepared during the year?****Yes**<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Academic%20Calendar%202021-22.pdf>**5. Accreditation Details**

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

6. Date of Establishment of IQAC: DD/MM/YYYY: 22 February, 2013

<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/IQAC%20Committee%202021-22.pdf>

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

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount (in Rs)
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 Internatio nal Centre for Translatio nal and Environme ntal Research (DAICENT ER)	DBT	2018	42,79,996

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

Yes

9. No. of IQAC meetings held during the year:

5

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

Yes

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

No

11. Significant contributions made by IQAC during the current year

- Preparation of NIRF format and Participation in NIRF Ranking 2022.
- Preparation of AQAR format for the year 2021-22.
- Initiating the preparation of SSR and deliation of work.

12. 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

Plan of Action	Achievements/Outcomes
Preparation of data format for participating NIRF ranking 2022	Preparation of data format for participating NIRF ranking 2022
The Director IQAC directed Dr Pradhan to prepare the data format to be communicated to the departmental heads/ section heads for collecting relevant information related to NIRF ranking 2022	The Director IQAC directed Dr Pradhan to prepare the data format to be communicated to the departmental heads/ section heads for collecting relevant information related to NIRF ranking 2022.
Preparation of data format for AQAR 2018-19, 2019-20 and 2020-21	Preparation of data format for AQAR 2018-19, 2019-20 and 2020-21
The Director IQAC directed Dr Pradhan to	Dr Pradhan downloaded and prepared the data format to be communicated to the departmental

prepare the data format to be communicated to the departmental heads/ section heads for collecting relevant information related to AQAR 2018-19, 2019-20 and 2020-21	heads/ section heads for collecting relevant information related to AQAR for 2018-19, 2019-20 and 2020-21
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<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/IQAC%20Minutes%202021-22.pdf>

13. Whether the AQAR was placed before statutory body?

No

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

No

15. Whether institutional data submitted to AISHE: Yes/No:

Yes

Year: **2010**

2. Institutional Preparedness for NEP 2020

SU decided to implement NEP 2020 following the UGC guidelines. In accordance, the following activities were initiated and are in advanced stage of preparedness

- First meeting of the committee for the implementation of National Education Policy (NEP) 2020 was held on 29.09.2021.
- Circulation of relevant documents related to NEP 2020 provided by the UGC to the NEP Committee members for familiarization and consideration (Oct 3, 2021)
- Preparation of NEP 2020 Implementation Strategy through appropriate deliberation (Oct 4, 2021)
- Constitution of several sub-committees by Hon'ble Vice Chancellor to ensure smooth implementation of NEP (05.10.2021)
- It was decided to seek technical support from a consultancy agency in effective implementation of NEP. For the purpose, Centre for Economic and Social Studies (CESS), Bengaluru was chosen and an MoU was signed with the same.
- NEP Core Committee met frequently to discuss the road map and status of progress in relation to curriculum design for 4-year undergraduate programme, apprenticeship enabled degree programme, participation in CUET for admissions, skill and ability enhancement courses, LOCF etc.
- In order to have parity of undergraduate programmes in the affiliated colleges, a meeting was held with the Additional Chief Secretary (Department of Education, Sikkim Government) (15 November, 2021).
- Minimum course curriculum for undergraduate courses under Choice Based Credit System was prepared.
- A Three-Day Stakeholders Workshop on NEP 2020 was organized in collaboration with CESS (8-10 December 2021)
- Adoption of the revised UGC Curricular Framework and Credit System for the design of Four Year Under Graduate Programme.

3. Extended Profile of the University

1 Programme:

1.1. Number of Programmes offered during the year

Year	2021-22		
Number	Sl	Programme	Count
	1	Certificate	1
	2	Under Graduate	3
	3	Post Graduate	34
	4	Master of Philosophy	11
	5	Doctor of Philosophy	31

1.2 Number of departments offering academic programmes **32**

2. Student:

2.1 Number of students during the year

Year	2021-22		
Number	Sl	Programme	Count
	1	Certificate	8
	2	Under Graduate	238
	3	Post Graduate	1428
	4	Master of Philosophy	90
	5	Doctor of Philosophy	484

2.2 Number of outgoing / final year students during the year

Year	2021-22		
Number	Sl	Programme	Count
	1	Certificate	8
	2	Under Graduate	101
	3	Post Graduate	650
	4	Master of Philosophy	38
	5	Doctor of Philosophy	61

2.3 Number of students appeared in the University examination during the year

Year	2021-22		
Number	Sl	Programme	Count
	1	Certificate	8
	2	Under Graduate	238
	3	Post Graduate	1428
	4	Master of Philosophy	18
	5	Doctor of Philosophy	98

2.4 Number of revaluation applications during the year

Year	2021-22
Number	263

3 Academic:

3.1 Number of courses in all Programmes during the year

Year	2021-22	
Number	Name of Programmes	Courses
	School of Human Sciences	
	Department of Anthropology	
	MA/MSc Anthropology	16
	MPhil Anthropology	3
	PhD Anthropology	3
	Department of Geography	
	MA/MSc Geography	16
	MPhil Geography	3
	PhD Geography	3
	Department of Psychology	
	BA/ BSc Psychology	18
	MA/ MSc Psychology	16
	MPhil Psychology	3
	PhD Psychology	3
	School of Languages and Literature	
	Department of Bhutia	
	PhD Bhutia	3
	MA Bhutia	16
	Department of Chinese	
	Certificate course in Chinese	4
	BA Chinese	18
	MA Chinese	16
	PhD Chinese	3
	Department of Hindi	
	MA Hindi	16
	MPhil Hindi	3
	PhD Hindi	3
	Department of Nepali	
	MA Nepali	16
	MPhil Nepali	3

PhD Nepali	3
Department of English	
MA English	16
MPhil English	3
PhD English	3
Department of Lepcha	
PhD Lepcha	3
MA Lepcha	16
Department of Limboo	
PhD Limboo	3
MA Limboo	16
School of Life Sciences	
Department of Botany	
MSc Botany	16
PhD Botany	3
Department of Horticulture	
BSc Horticulture	*
MSc Horticulture	16
PhD Horticulture	3
Department of Microbiology	
MSc Microbiology	16
MPhil Microbiology	3
MSc Industrial Microbiology	16
MPhil Industrial Microbiology	3
PhD Microbiology	3
Department of Zoology	
MSc Zoology	16
MPhil Zoology	3
PhD Zoology	3
School of Physical Sciences	
Department of Chemistry	
MSc Chemistry	16
MPhil Chemistry	3
PhD Chemistry	3
Department of Computer Application	

MCA Computer Application	30
PhD Computer Application	3
Department of Geology	
MSc Geology	16
MSc Environmental Science	17
MPhil Geology	3
PhD Geology	3
Department of Mathematics	
MSc Mathematics	16
MPhil Mathematics	3
PhD Mathematics	3
Department of Physics	
MSc Physics	16
MPhil Physics	3
PhD Physics	3
School of Professionals Studies	
Department of Commerce	
MCom Commerce	24
MPhil Commerce	3
PhD Commerce	3
Department of Education	
MA Education	16
MEd Education	*
MPhil Education	3
PhD Education	3
Department of Management	
MBA Management	30
PhD Management	3
Department of Mass Communication	
MA Mass Communication	20
MPhil Mass Communication	3
PhD Mass Communication	3
Department of Music	
BPA Music	18
MPA Music	16

MPhil Music	3
PhD Music	3
Department of Tourism	
MTTM Tourism	16
MPhil Tourism	3
PhD Tourism	3
School of Social Sciences	
Department of Economics	
MA Economics	16
MPhil Economics	3
PhD Economics	3
Department of History	
MA History	16
MPhil History	3
PhD History	3
Department of International Relations	
MA International Relations	16
MPhil International Relations	3
PhD International Relations	3
Department of Law	
LLM Law	16
MPhil Law	3
PhD Law	3
Department of Peace and Conflict Studies and Management	
MA Peace and Conflict Studies and Management	16
MPhil Peace and Conflict Studies and Management	3
PhD Peace and Conflict Studies and Management	3
Department of Political Science	
MA Political Science	16
MPhil Political Science	3
PhD Political Science	3
Department of Sociology	
MA Sociology	16
MPhil Sociology	3
PhD Sociology	3

3.2 Number of full time teachers during the year

Year	2021-22			
Number	Department	Professor	Associate Professor	Assistant Professor
	School of Human Sciences			
	Anthropology	0	2	4
	Geography	1	0	4
	Psychology	0	1	2
School of Languages and Literature				
	Bhutia	0	1	2
	Chinese	0	0	4
	Hindi	0	1	3
	Nepali	2	0	4
	English	0	1	4
	Lepcha	0	1	3
	Limboo	0	1	1
School of Life Sciences				
	Botany	3	0	4
	Horticulture	1	1	4
	Microbiology	1	0	4
	Zoology	0	1	3
School of Physical Sciences				
	Chemistry	1	1	4
	Computer Applications	1	1	4
	Geology	1	0	5
	Mathematics	0	1	2
	Physics	1	2	2
School of Professionals Studies				
	Commerce	2	1	4
	Education	0	2	3
	Management	0	1	5
	Mass Communication	0	0	4
	Music	0	1	4
	Tourism	0	0	4

School of Social Sciences			
Economics	2	1	3
History	1	2	4
International Relations	0	0	4
Law	1	1	4
Peace & Conflict Studies and Management	1	1	2
Political Science	1	1	5
Sociology	1	1	4

3.3 Number of sanctioned posts during the year

Year	2021-22			
Number	Department	Professor	Associate Professor	Assistant Professor
	School of Human Sciences			
	Anthropology	1	2	4
	Geography	1	2	5
	Psychology	1	3	3
	School of Languages and Literature			
	Bhutia	1	1	2
	Chinese	1	2	4
	Hindi	1	2	3
	Nepali	1	2	4
	English	1	2	4
	Lepcha	1	1	2
	Limboo	1	1	2
	School of Life Sciences			
	Botany	1	3	4
	Horticulture	1	4	5
	Microbiology	1	2	4
	Zoology	1	2	4
	School of Physical Sciences			
	Chemistry	1	2	4
	Computer Applications	1	4	4
	Geology	1	3	5
	Mathematics	1	2	4
	Physics	1	3	3
	School of Professionals Studies			
	Commerce	1	3	4
	Education	1	2	4
	Management	1	2	5
	Mass Communication	1	2	4
	Music	1	2	4
	Tourism	1	2	4

School of Social Sciences			
Economics	1	3	3
History	1	3	4
International Relations	1	2	4
Law	1	1	5
Peace & Conflict Studies and Management	1	2	3
Political Science	1	2	5
Sociology	1	2	4

4. Institution:

4.1 Number of eligible applications received for admissions to all the Programmes during the year

Year	21-22			
Number	Sl	Programme	Count	
	1	Certificate Course	Certificate	
			Programme	Count
			Chinese	8
	2	Under Graduate	Under Graduate	
			Programme	Count
			BA/ BSc Psychology	201
			BA Chinese	9
			BPA Music	31
	3	Post Graduate	Post Graduate	
			Programme	Count
			MA/MSc Anthropology	63
			MA/MSc Geography	342
			MA/ MSc Psychology	125
			MA Bhutia	31
			MA Chinese	21
			MA Hindi	21
			MA Nepali	92
			MA English	337
			MA Lepcha	63
			MA Limboo	41
MSc Botany			413	
MSc Horticulture			180	
MSc Microbiology			209	
MSc Industrial Microbiology				
MSc Zoology			424	
MSc Chemistry	284			
MCA Computer Application	116			
MSc Geology	194			
MSc Environmental Science	89			

			MSc Mathematics	234
			MSc Physics	234
			MCom Commerce	282
			MA Education	129
			MEd Education	108
			MBA Management	205
			MA Mass Communication	67
			MPA Music	22
			MTTM Tourism	125
			MA Economics	252
			MA History	203
			MA International Relations	95
			LLM Law	30
			MA Peace and Conflict Studies and Management	30
			MA Political Science	283
			MA Sociology	163
	4	Master of Philosophy	M Phil	
			Department	Count
			Anthropology	20
			Geography	24
			Hindi	23
			Chemistry	3
			Mathematics	2
			Physics	1
			Music	7
			History	43
			International Relations	22
			Law	7
			Peace and Conflict Studies and Management	21
	5	Doctor of Philosophy	Doctor of Philosophy	
			Department	Count
			Anthropology	47

			Geography	96
			Bhutia	30
			Hindi	211
			Nepali	33
			English	172
			Lepcha	23
			Limboo	23
			Botany	57
			Horticulture	39
			Microbiology	35
			Zoology	49
			Chemistry	32
			Computer Application	36
			Geology	27
			Mathematics	40
			Physics	37
			Commerce	108
			Education	80
			Management	72
			Mass Communication	44
			Music	38
			Tourism	50
			Economics	87
			History	136
			International Relations	70
			Law	67
			Peace and Conflict Studies and Management	59
			Political Science	86
			Sociology	55

4.2 Number of seats earmarked for reserved category as per GOI/State Govt. rule during the year

Year	21-22							
Number	Sl No	Department	Total Seats	UR	SC	ST	OBC	EWS
School of Human Sciences								
	1	PhD Anthropology	4	2	1	0	1	0
	2	PhD Geography	4	2	1	0	1	0
School of Languages and Literature								
	3	PhD Bhutia	2	1	0	0	1	0
	4	PhD Chinese	1	0	1	0	0	0
	5	PhD Hindi	9	3	2	0	2	2
	6	PhD Lepcha	2	0	0	1	1	0
	7	PhD Limbu	2	0	1	0	1	0
	8	PhD Nepali	2	1	0	0	1	0
	9	PhD English	4	2	0	0	1	1
School of Life Sciences								
	10	PhD Botany	5	2	1	1	1	0
	11	PhD Horticulture	5	3	0	0	2	0
	12	PhD Microbiology	2	1	0	1	0	0
	13	PhD Zoology	3	1	0	1	1	0
School of Physical Sciences								
	14	PhD Chemistry	5	2	0	0	2	1
	15	PhD Computer Applications	3	1	0	1	1	0
	16	PhD Geology	4	1	0	2	1	0
	17	PhD Mathematics	6	2	0	1	2	1
	18	PhD Physics	3	1	0	1	1	0
School of Professionals Studies								
	19	PhD Commerce	8	4	1	0	2	1
	20	PhD Education	3	0	1	1	1	0
	21	PhD Management	5	4	0	0	1	0
	22	PhD Mass Communication	1	1	0	0	0	0

23	PhD Music	7	2	2	0	2	1
24	PhD Tourism	3	2	1	0	0	0
School of Social Sciences							
25	PhD Economics	8	4	1	0	2	1
26	PhD History	11	4	2	1	3	1
27	PhD International Relations	6	2	1	1	1	1
28	PhD Law	4	1	1	0	1	1
29	PhD Political Science	2	1	0	0	0	1
30	PhD Peace & Conflict Studies and Management	4	2	1	0	1	0
31	Sociology	2	1	0	0	1	0
School of Human Sciences							
Sl No	Department	Total Seats	UR	SC	ST	OBC	EWS
School of Human Sciences							
1	MPhil Anthropology	3	2	0	0	1	0
2	MPhil Geography	4	2	0	0	1	1
School of Languages and Literature							
3	MPhil Hindi	5	2	1	0	2	0
School of Physical Sciences							
4	MPhil Chemistry	2	0	1	1	0	0
5	MPhil Mathematics	2	1	1	0	0	0
6	MPhil Physics	2	1	0	0	1	0
School of Professionals Studies							
7	MPhil Music	1	0	0	0	1	0
School of Social Sciences							
8	MPhil History	4	1	1	1	1	0
9	MPhil International Relations	2	1	0	0	0	1
10	MPhil Law	2	1	0	0	1	0
11	MPhil Peace & Conflict Studies and Management	2	1	0	0	0	1

Sl No	Department	Total Seats	UR	SC	ST	OBC	EWS
School of Human Sciences							
1	MA/MSc Anthropology	23	9	4	2	6	2
2	MA/MSc Geography	27	11	4	3	7	2
3	MA/MSc Psychology	22	10	3	1	6	2
School of Languages and Literature							
4	MA Bhutia	20	8	3	1	6	2
5	MA Chinese	23	9	4	2	6	2
6	MA Hindi	22	10	3	1	6	2
7	MA Nepali	35	15	5	2	10	3
8	MA English	35	15	5	2	10	3
9	MA Lepcha	22	10	3	1	6	2
10	MA Limboo	20	8	3	1	6	2
School of Life Sciences							
11	MSc Botany	22	10	3	1	6	2
12	MSc Horticulture	20	8	3	1	6	2
13	MSc Microbiology	22	10	3	1	6	2
14	MSc Zoology	22	10	3	1	6	2
School of Physical Sciences							
15	MSc Chemistry	20	8	3	1	6	2
16	MCA Computer Applications	22	10	3	1	6	2
17	MSc Geology	22	10	3	1	6	2
17	MSc Geology (Environmental Sciences)	12	5	2	1	3	1
18	MSc Mathematics	22	10	3	1	6	2
19	MSc Physics	20	8	3	1	6	2
School of Professionals Studies							
20	Mcom Commerce	27	11	4	3	7	2
21	MA Education	22	10	3	1	6	2
21	MEd Education	22	10	3	1	6	2

22	MBA Management	22	10	3	1	6	2
23	MA Mass Communication	22	10	3	1	6	2
24	MPA Music	20	8	3	1	6	2
25	MTTM Tourism	32	13	5	3	8	3
School of Social Sciences							
26	MA Economics	28	12	4	2	7	3
27	MA History	33	11	6	3	9	4
28	MA International Relations	30	11	5	2	8	4
29	LLM Law	17	7	3	1	4	2
30	MA Peace & Conflict Studies and Management	22	10	3	1	6	2
31	MA Political Science	33	11	6	3	9	4
32	MA Sociology	27	11	4	3	7	2
School of Human Sciences							
Sl No	Department	Total Seats	UR	SC	ST	OBC	EWS
School of Human Sciences							
1	BA/BSc Psychology	22	0	0	0	0	2
School of Languages and Literature							
2	BA Chinese	23	9	4	2	6	2
School of Professionals Studies							
3	BPA Music	20	8	3	1	6	2
School of Languages and Literature							
Sl No	Department	Total Seats	UR	SC	ST	OBC	EWS
School of Languages and Literature							
1	Certificate Course Chinese	20	9	2	2	5	2

<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Prospectus%202021-22.pdf>

4.3 Total number of classrooms and seminar halls: _____

Year	20-21		
Number	Sl	Description	Count
	1	Class rooms	112
	2	Laboratories	25
	3	Seminar Halls	4
	4	Classrooms with LCD facilities	112
	5	Classrooms with Wi-Fi/ LAN	112
	6	Seminar halls with ICT facilities	4
	7	Video Centre	1

4.4 Total number of computers in the campus for academic purpose: **540**

4.5 Total Expenditure excluding salary during the year (INR in Lakhs)

Year	21-22
Number	4389.28 Lakhs

Part – B**Criterion I –Curricular Aspects****Key Indicator – 1.1 Curriculum Design and Development**

Metric No.	
1.1.1 Q ₁ M	<p>Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University</p> <p>One of the prime objectives of the university is to achieve intellectual, academic and cultural development of the people of Eastern Himalayas.</p> <p>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. These 32 departments offers UG, PG, MPhil and PhD programmes. 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</p>

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.

The fundamental premise underlying Curricula Development and Implementation is that higher education qualification is earned and awarded on the basis of demonstrated achievement of outcomes expressed in terms of knowledge, understanding, skills, attitude, critical thinking, reasoning, problem solving and values, and academic standards expected from students of a programme of study. The curricula of a particular course of study have been designed in such a way that a student gains knowledge & skill and also maintain academic standard. Curricula, however is not static, it is dynamic and needs revision / update at a regular interval. Revision of curriculum allows inclusion of new areas of learning in local / regional / international levels which allows students an opportunity to be aware / in conversant with the recent development / progress taking place around the world and in the vicinity in the field of higher learning / research. For instance, Sikkim is considered as the hotspot of medicinal plants, herbs and hot water lakes. Our syllabi in Botany, Horticulture, Microbiology, Chemistry focuses among others, on these specialized local areas which provides them an opportunity to learn/study about their own surroundings.

A committee has been constituted to plan and realize Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University which is also mandated by the NEP 2020.

1.1.2 Q _n M	Number of Programmes where syllabus revision was carried out during the year																																																																																																																																																																
	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>6</td> </tr> </table>		Year	2021-22	Number	6	<table border="1"> <thead> <tr> <th colspan="10">Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.</th> </tr> <tr> <th rowspan="2">Name of Programmes adopting CBCS</th> <th colspan="4"></th> <th rowspan="2">Date of implementation of CBCS / Elective Course System</th> <th colspan="4"></th> </tr> <tr> <th>UG</th> <th>PG</th> <th>M Phil</th> <th>PhD</th> <th>UG</th> <th>PG</th> <th>M Phil</th> <th>PhD</th> </tr> </thead> <tbody> <tr> <td colspan="10" style="text-align: center;">School of Languages and Literature</td> </tr> <tr> <td colspan="10" style="text-align: center;">Department of Bhutia</td> </tr> <tr> <td>PhD Bhutia</td> <td></td> <td></td> <td></td> <td>*</td> <td>10 12 2021</td> <td></td> <td></td> <td></td> <td>*</td> </tr> <tr> <td colspan="10" style="text-align: center;">Department of Chinese</td> </tr> <tr> <td>BA Chinese</td> <td>*</td> <td></td> <td></td> <td></td> <td>28 08 2020</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="10" style="text-align: center;">Department of Lepcha</td> </tr> <tr> <td>PhD Lepcha</td> <td></td> <td></td> <td></td> <td>*</td> <td>10 12 2021</td> <td></td> <td></td> <td></td> <td>*</td> </tr> <tr> <td colspan="10" style="text-align: center;">Department of Limbu</td> </tr> <tr> <td>PhD Limbu</td> <td></td> <td></td> <td></td> <td>*</td> <td>10 12 2021</td> <td></td> <td></td> <td></td> <td>*</td> </tr> <tr> <td colspan="10" style="text-align: center;">School of Physical Sciences</td> </tr> <tr> <td colspan="10" style="text-align: center;">Department of Computer Application</td> </tr> <tr> <td>PhD Computer</td> <td></td> <td>*</td> <td></td> <td></td> <td>28 08 2020</td> <td></td> <td>*</td> <td></td> <td></td> </tr> </tbody> </table>								Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.										Name of Programmes adopting CBCS					Date of implementation of CBCS / Elective Course System					UG	PG	M Phil	PhD	UG	PG	M Phil	PhD	School of Languages and Literature										Department of Bhutia										PhD Bhutia				*	10 12 2021				*	Department of Chinese										BA Chinese	*				28 08 2020					Department of Lepcha										PhD Lepcha				*	10 12 2021				*	Department of Limbu										PhD Limbu				*	10 12 2021				*	School of Physical Sciences										Department of Computer Application										PhD Computer		*			28 08 2020		*	
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	Department of History										
	MA History		*			28 08 2020		*			
	https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Academic%20Council%20Minutes%202021-22.pdf										

<p>1.1.3</p> <p>Q_nM</p>	<p>Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year</p> <p>1.1.3.1: Number of courses having focus on employability/ entrepreneurship/ skill development during the year</p> <table border="1" data-bbox="392 495 807 600"> <thead> <tr> <th data-bbox="392 495 588 544">Year</th> <th data-bbox="588 495 807 544">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="392 544 588 600">Number</td> <td data-bbox="588 544 807 600">N.A.</td> </tr> </tbody> </table> <p>https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Academic%20Council%20Minutes%202021-22.pdf</p>	Year	2021-22	Number	N.A.
Year	2021-22				
Number	N.A.				

Key Indicator – 1.2 Academic Flexibility

Metric No.					
1.2.1	<p>Number of new courses introduced of the total number of courses across all programs offered during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>3 <ul style="list-style-type: none"> • PhD Bhutia • PhD Lepcha • PhD Limbu </td> </tr> </tbody> </table>	Year	2021-22	Number	3 <ul style="list-style-type: none"> • PhD Bhutia • PhD Lepcha • PhD Limbu
Year	2021-22				
Number	3 <ul style="list-style-type: none"> • PhD Bhutia • PhD Lepcha • PhD Limbu 				
1.2.2	<p>Number of Programmes in which Choice Based Credit System CBCS)/elective course system has been implemented during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>N.A.</td> </tr> </tbody> </table>	Year	2021-22	Number	N.A.
Year	2021-22				
Number	N.A.				

<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Academic%20Council%20Minutes%202021-22.pdf>

Key Indicator – 1.3 Curriculum Enrichment

Metric No.															
1.3.1 Q ₁ M	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum														
1.3.2 Q _n M	<p>Number of value-added courses for imparting transferable and life skills offered during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>1 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) </td> </tr> </tbody> </table>	Year	2021-22	Number	1 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) 										
Year	2021-22														
Number	1 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) 														
1.3.3 Q _n M	<p>Total number of students enrolled in the courses under 1.3.2 above</p> <p>1.3.3.1: Number of students enrolled in value-added courses imparting transferable and life skills offered during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>8 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) </td> </tr> </tbody> </table>	Year	2021-22	Number	8 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) 										
Year	2021-22														
Number	8 <ul style="list-style-type: none"> Certificate Course in Chinese (Department of Chinese) 														
1.3.4 Q _n M	<p>Number of students undertaking field projects / research projects / internships during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>356</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">1.3.2 Field Projects / Internships under taken during the year</th> </tr> <tr> <th>Project/Programme Title</th> <th>No. of students enrolled for Field Projects / Internships</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">School of Human Sciences</td> </tr> <tr> <td colspan="2" style="text-align: center;">Department of Anthropology</td> </tr> <tr> <td>MA/MSc Anthropology</td> <td style="text-align: center;">34</td> </tr> </tbody> </table>	Year	2021-22	Number	356	1.3.2 Field Projects / Internships under taken during the year		Project/Programme Title	No. of students enrolled for Field Projects / Internships	School of Human Sciences		Department of Anthropology		MA/MSc Anthropology	34
Year	2021-22														
Number	356														
1.3.2 Field Projects / Internships under taken during the year															
Project/Programme Title	No. of students enrolled for Field Projects / Internships														
School of Human Sciences															
Department of Anthropology															
MA/MSc Anthropology	34														

Department of Geography	
MA/MSc Geography	17
School of Languages and Literature	
Department of Hindi	
MA Hindi	10
Department of English	
MA English	1
Department of Nepali	
MA Nepali	20
School of Life Sciences	
Department of Horticulture	
BSc Horticulture	22
MSc Horticulture	18
PhD Horticulture	09
Department of Zoology	
MSc Zoology	7
PhD Zoology	13
School of Physical Sciences	
Department of Chemistry	
MSc Chemistry	18
PhD Chemistry	03
Department of Computer Application	
MCA	15
Department of Mathematics	
MSc Mathematics	19
Department of Physics	
MSc Physics	13
School of Professionals Studies	
Department of Commerce	
MCom	28
Department of Education	
Med	24
Department of Management	
MBA	23
Department of Mass Communication	

MA Mass Communication	22
Department of Music	
MPA Music	7
Department of International Relations	
MA International Relations	19
Department of Sociology	
MA Sociology	13
Department of Peace & Conflict Studies and Management	
Programme not mentioned	1

Key Indicator – 1.4 Feedback System

Metric No.	
1.4.1 Q_nM	Structured feedback for design and review of syllabus – semester wise / is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni Options: <ul style="list-style-type: none"> • None of the above
1.4.2 Q_nM	Feedback processes of the institution may be classified as follows: <ul style="list-style-type: none"> • Feedback not collected

Criterion II – Teaching-Learning and Evaluation

Key Indicator - 2.1 Student Enrolments and Profile

Metric No.																																																																																																																																																									
2.1.1	<p>Demand Ratio</p> <p>2.1.1.1: Number of seats available during the year</p>																																																																																																																																																								
Q _n M	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Year</th> <th colspan="7" style="text-align: center;">2021-22</th> </tr> <tr> <th style="text-align: center;">Number</th> <th style="text-align: center;">Sl</th> <th style="text-align: center;">Department</th> <th style="text-align: center;">Certificate</th> <th style="text-align: center;">UG</th> <th style="text-align: center;">PG</th> <th style="text-align: center;">MPhil</th> <th style="text-align: center;">PhD</th> </tr> </thead> <tbody> <tr> <td colspan="8" style="text-align: center;">School of Human Sciences</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">Anthropology</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">23</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td style="text-align: center;">2</td> <td style="text-align: center;">Geography</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">27</td> <td style="text-align: center;">4</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td style="text-align: center;">Psychology</td> <td style="text-align: center;">0</td> <td style="text-align: center;">22</td> <td style="text-align: center;">22</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="8" style="text-align: center;">School of Languages and Literature</td> </tr> <tr> <td></td> <td style="text-align: center;">4</td> <td style="text-align: center;">Bhutia</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td></td> <td 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style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">22</td> <td style="text-align: center;">0</td> <td style="text-align: center;">5</td> </tr> <tr> <td></td> <td style="text-align: center;">12</td> <td style="text-align: center;">Horticulture</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">5</td> </tr> <tr> <td></td> <td style="text-align: center;">13</td> <td style="text-align: center;">Microbiology</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">22</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td></td> <td style="text-align: center;">14</td> <td style="text-align: center;">Zoology</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td 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	13	Microbiology	0	0	22	0	2																																																																																																																																																		
	14	Zoology	0	0	22	0	3																																																																																																																																																		

School of Physical Sciences						
15	Chemistry	0	0	20	2	5
16	Computer Application	0	0	22	0	3
17	Geology	0	0	22	0	4
18	Environmental Sc	0	0	12	0	0
19	Mathematics	0	0	22	2	6
20	Physics	0	0	20	2	3
School of Professionals Studies						
21	Commerce	0	0	27	0	8
22	Education – MA	0	0	22	0	3
23	Education - MEd	0	0	22	0	0
24	Management	0	0	22	0	5
25	Mass Communication	0	0	22	0	1
26	Music	0	20	20	1	7
27	Tourism	0	0	32	0	3
School of Social Sciences						
28	Economics	0	0	28	0	8
29	History	0	0	33	4	11
30	International Relations	0	0	30	2	6
31	Law	0	0	17	2	4
32	Peace and Conflict	0	0	22	2	4

			Studies and Management						
		33	Political Science	0	0	33	0	2	
		34	Sociology	0	0	27	0	2	
			Total	20	65	810	29	130	
2.1.2	Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)								
Q_nM	2.1.2.1: Number of actual students admitted from the reserved categories during the year								
	Year	2021-22							
	Number	694							
		Sl No	Programme	SC	ST	OBC	EWS		
		1	UG	9	11	23	4		
		2	PG	80	235	201	39		
		3	M. Phil	4	3	6	0		
		4	Ph. D.	13	19	36	7		
		5	Certificate	1	0	3	0		
			Sub Total	107	268	269	50		
			Total	694					

Key Indicator - 2.2 Catering to Student Diversity

Metric No.										
<p>2.2.1</p> <p>Q₁M</p>	<p>The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners</p> <p>The evaluation process involves continuous assessment in the form of periodic sessional tests for both theory & practical courses, seminars and other academic activities. This facilitates differentiation of levels of learning in the class. Based on this specific measure are taken to help the needy students, which include extra classes, tutorials, bridge courses etc.</p> <p>Students are also encouraged to participate in diverse state/national level competitive examinations for which the university organizes special coaching classes such as for NET/SLET.</p> <p>For English proficiency enhancement, SU has developed an English Language Laboratory with free access to one and all.</p>									
<p>2.2.2</p> <p>Q_nM</p>	<p>Student - Full time teacher ratio during the year</p> <table border="1" data-bbox="336 1487 967 1704"> <thead> <tr> <th data-bbox="336 1487 783 1543">Year</th> <th data-bbox="783 1487 967 1543">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 1543 783 1599">Number of Students</td> <td data-bbox="783 1543 967 1599">2240</td> </tr> <tr> <td data-bbox="336 1599 783 1655">Number of Teachers</td> <td data-bbox="783 1599 967 1655">159</td> </tr> <tr> <td data-bbox="336 1655 783 1704">Ratio (Teachers: Students)</td> <td data-bbox="783 1655 967 1704">1:14.08</td> </tr> </tbody> </table>		Year	2021-22	Number of Students	2240	Number of Teachers	159	Ratio (Teachers: Students)	1:14.08
Year	2021-22									
Number of Students	2240									
Number of Teachers	159									
Ratio (Teachers: Students)	1:14.08									

Key Indicator - 2.3 Teaching - Learning Process

Metric No.	
2.3.1 Q _i M	<p>Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences</p> <p>In almost all the UG/PG programs offered by various Depts. of the University, significant portion of the credit of the total credit assigned is earmarked for Internships, project work/dissertations, field work and study tours.</p> <p>These key aspects have been incorporated in the curriculum for inculcating problem-solving strategies and motivating students to participate in collaborative learning through experiential and experimental approaches.</p>
2.3.2 Q _i M	<p>Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year</p> <p>The university has made available following ICT facilities for smooth conduct of academic and research related affairs to facilitate the teaching and learning process</p> <ul style="list-style-type: none"> • Subscription of Google classroom • Annual Reviews (Multi-Disciplinary) • CMIE Economic Outlook (Multi-Disciplinary) • CMIE Prowess dx (Multi-Disciplinary) • DELNET (Multi-Disciplinary) • EBSCOhost (Management, Education, Tourism and Library & Information Science) • Emerald Journals (Multi-Disciplinary)

	<ul style="list-style-type: none"> • IndiaStat (Multi-Disciplinary) • Institute for Studies in Industrial Development (ISID) Database (Multi-Disciplinary) • JGate Plus (Multi-Disciplinary) • JSTOR (Multi-Disciplinary) • Manupatra (Law) • PsycArticles (Multi-Disciplinary) • SAGE Business Cases (Commerce, Management & Economics) • ScienceDirect (Multi-Disciplinary) • Springer Link 1700 Collection and Nature Journal (Multi-Disciplinary) • Taylor & Francis Journals (Multi-Disciplinary) • Web of Science (Multi-Disciplinary) 				
<p>2.3.3</p> <p>Q_nM</p>	<p>Ratio of students to mentor for academic and other related issues during the year</p> <p>2.3.3.1: Number of mentors: 159</p> <p style="padding-left: 40px;">Number of students assigned to each mentor: 15.02</p> <table border="1" data-bbox="336 1283 911 1391"> <thead> <tr> <th style="background-color: #cccccc;">Year</th> <th style="background-color: #cccccc;">2021-22</th> </tr> </thead> <tbody> <tr> <td>Number of mentors</td> <td>159</td> </tr> </tbody> </table>	Year	2021-22	Number of mentors	159
Year	2021-22				
Number of mentors	159				

Key Indicator - 2.4 Teacher Profile and Quality

Metric No.																															
2.4.1 Q _n M	<p>Total Number of full-time teachers against sanctioned posts during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>159</td> </tr> </tbody> </table>	Year	2021-22	Number	159																										
Year	2021-22																														
Number	159																														
2.4.2 Q _n M	<p>Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D’Lit. during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2020-2021</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>132 (PhD) 1 (D’Lit)</td> </tr> </tbody> </table>	Year	2020-2021	Number	132 (PhD) 1 (D’Lit)																										
Year	2020-2021																														
Number	132 (PhD) 1 (D’Lit)																														
2.4.3 Q _n M	<p>Total teaching experience of full time teachers in the same institution during the year</p> <p>2.4.3.1: Total experience of full-time teachers</p> <table border="1"> <thead> <tr> <th>Sl No</th> <th>Name</th> <th>Age</th> <th>Designation</th> <th>Qualification</th> <th>Currently working with institution ?</th> <th>Joining Date</th> <th>Leaving Date</th> <th>Association type</th> <th>Experience</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Khawas Vimal</td> <td>42</td> <td>Associate Professor</td> <td>Ph.D</td> <td>Yes</td> <td>29-03-2012</td> <td>--</td> <td>Regular</td> <td>10 Y 2 M 2 D</td> </tr> <tr> <td>2</td> <td>Bag Nilardri</td> <td>54</td> <td>Associate</td> <td>Ph.D</td> <td>Yes</td> <td>10/2/2016</td> <td>--</td> <td>Regular</td> <td>6 Y 3 M 21 D</td> </tr> </tbody> </table>	Sl No	Name	Age	Designation	Qualification	Currently working with institution ?	Joining Date	Leaving Date	Association type	Experience	1	Khawas Vimal	42	Associate Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D	2	Bag Nilardri	54	Associate	Ph.D	Yes	10/2/2016	--	Regular	6 Y 3 M 21 D
Sl No	Name	Age	Designation	Qualification	Currently working with institution ?	Joining Date	Leaving Date	Association type	Experience																						
1	Khawas Vimal	42	Associate Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D																						
2	Bag Nilardri	54	Associate	Ph.D	Yes	10/2/2016	--	Regular	6 Y 3 M 21 D																						

				Profesor							
3	Bhutia Denkila	38	Assistant Professor	Ph.D	Yes	8/5/2012	--	Regular	10 Y 0 M 23 D		
4	Chamling Rosy	44	Associate Professor	Ph.D	Yes	14-01-2016	--	Regular	6 Y 4 M 17 D		
5	Das Manoj Kumar	48	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D		
6	Firdos Sohel	51	Associate Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D		
7	Hissay Wangchuk Bhutia	38	Assistant Professor	Ph.D	Yes	1/8/2016	--	Adhoc / Contractual	5 Y 9 M 30 D		
8	Khawas Chunnu	38	Assistant Professor	M.Tech	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D		
9	Lama Budh Bahadur	45	Assistant Professor	NET	Yes	2/6/2014	--	Regular	7 Y 11 M 29 D		
10	Mishra Praveen	51	Associate Professor	Ph.D	Yes	2/12/2015	--	Regular	6 Y 5 M 29 D		
11	Nag Shankar Appalla	46	Associate Professor	Ph.D	Yes	9/3/2012	--	Regular	10 Y 2 M 22 D		

12	Paul Salvin	44	Assistant Professor	Ph.D	Yes	5/3/2012	--	Regular	10 Y 2 M 26 D
13	Rai Rebika	36	Assistant Professor	Ph.D	Yes	3/7/2012	--	Regular	9 Y 10 M 28 D
14	Sachdeva Swati Akshay	48	Associate Professor	Ph.D	Yes	28-04-2014	--	Regular	8 Y 1 M 3 D
15	Singh Elangbam Ishwarjit	44	Assistant Professor	Ph.D	Yes	1/3/2012	--	Regular	10 Y 2 M 30 D
16	Sinha Samar	45	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D
17	Thakur Nagendra	44	Assistant Professor	Ph.D	Yes	23-04-2014	--	Regular	8 Y 1 M 8 D
18	Upadhya y Sujata	39	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D
19	Yadav Ram Bhawan	36	Assistant Professor	Ph.D	Yes	28-04-2014	--	Regular	8 Y 1 M 3 D
20	Ahmed Rafiul	45	Assistant Professor	Ph.D	No	27-02-2012	31-01-2020	Regular	7 Y 11 M 4 D
21	Basnet Rakesh	36	Assistant	NET	Yes	6/6/2014	--	Regular	7 Y 11

			Profesor							M 25 D
22	Bhutia Sonam Yangchen	38	Assistant Professor	Ph.D	Yes	8/5/2 014	--	Regular	8 Y 0 M 23 D	
23	Chettri Dhani Raj	60	Associate Professor	Ph.D	Yes	7/5/2 012	--	Regular	10 Y 0 M 24 D	
24	Dukmit Lepcha	31	Assistant Professor	M.A	Yes	20- 07- 2016	--	Adhoc / Contractual	5 Y 10 M 11 D	
25	Kaptan Om Prakash	29	Assistant Professor	NET	Yes	30- 11- 2015	--	Regular	6 Y 6 M 1 D	
26	Kumar Shailendra	42	Assistant Professor	Ph.D	Yes	9/3/2 012	--	Regular	10 Y 2 M 22 D	
27	Murari Krishna	39	Associate Professor	Ph.D	Yes	12/5/ 2014	--	Regular	8 Y 0 M 19 D	
28	Pandey Balaram	45	Assistant Professor	NET	Yes	1/5/2 012	--	Regular	10 Y 0 M 30 D	
29	Prakash Achant Ravi	49	Assistant Professor	Ph.D	Yes	1/5/2 014	--	Regular	8 Y 0 M 30 D	
30	Ray Partha Pratim	34	Assistant Professor	M.Tech	Yes	20- 07- 2012	--	Regular	9 Y 10 M 11 D	

31	Shahu Dinesh	35	Assist ant Profes sor	Ph.D	Yes	23- 04- 2014	--	Regu lar	8 Y 1 M 8 D
32	Singh Phairem bam Newton	39	Assist ant Profes sor	NET	Yes	27- 02- 2012	--	Regu lar	10 Y 3 M 4 D
33	Tamang Jyoti Prakash	58	Profes sor	Ph.D	Yes	5/12/ 2011	--	Regu lar	10 Y 5 M 26 D
34	Tiwari Archana	37	Assist ant Profes sor	Ph.D	Yes	27- 02- 2012	--	Regu lar	10 Y 3 M 4 D
35	Vishal Ravi Shekhar	43	Assist ant Profes sor	Ph.D	Yes	23- 12- 2014	--	Regu lar	7 Y 5 M 8 D
36	Panda Satyana nda	53	Associ ate Profes sor	Ph.D	Yes	27- 02- 2012	--	Regu lar	10 Y 3 M 4 D
37	Bagh Shankar Narayan	32	Assist ant Profes sor	NET	Yes	8/12/ 2015	--	Regu lar	6 Y 5 M 23 D
38	Bhutia Jigmie Wanchu k	43	Assist ant Profes sor	Ph.D	Yes	5/5/2 014	--	Regu lar	8 Y 0 M 26 D
39	Chettri Durga Prasad	45	Associ ate Profes sor	Ph.D	Yes	15- 05- 2014	--	Regu lar	8 Y 0 M 16 D
40	Das Pradip Kumar	43	Assist ant Profes sor	Ph.D	Yes	23- 02- 2012	--	Regu lar	10 Y 3 M 8 D

41	Ganapati Badekar Ananda	36	Assist ant Profes sor	Ph.D	Yes	15- 05- 2014	--	Regu lar	8 Y 0 M 16 D
42	Indira Khange mbam	46	Assist ant Profes sor	Ph.D	Yes	29- 03- 2012	--	Regu lar	10 Y 2 M 2 D
43	Lama Kabita	54	Associ ate Profes sor	Ph.D	Yes	4/4/2 012	--	Regu lar	10 Y 1 M 27 D
44	Namrata	34	Assist ant Profes sor	Ph.D	No	26- 11- 2015	6/3/ 202 0	Regu lar	4 Y 3 M 9 D
45	Phipon Lepcha Anira	40	Assist ant Profes sor	Ph.D	Yes	1/5/2 014	--	Regu lar	8 Y 0 M 30 D
46	Rai Santosh Kumar	51	Assist ant Profes sor	Ph.D	Yes	29- 03- 2012	--	Regu lar	10 Y 2 M 2 D
47	Saha Saswati	34	Assist ant Profes sor	NET	Yes	8/5/2 014	--	Regu lar	8 Y 0 M 23 D
48	Singh Maibam Samson	37	Assist ant Profes sor	Ph.D	Yes	24- 04- 2014	--	Regu lar	8 Y 1 M 7 D
49	Sona Rai	39	Assist ant Profes sor	NET	Yes	16- 09- 2016	--	Regu lar	5 Y 8 M 15 D
50	Thangell apali	60	Associ ate	Ph.D	Yes	2/5/2 014	--	Regu lar	8 Y 0 M 29 D

	Vijay Kumar		Profesor							
51	Yimchunger Jasmine	42	Assistant Professor	Ph.D	Yes	26-03-2012	--	Regular	10 Y 2 M 5 D	
52	Aden Abrona Lee Pandi	33	Assistant Professor	NET	Yes	8/5/2014	--	Regular	8 Y 0 M 23 D	
53	Barman Jayanta Kumar	48	Assistant Professor	M.A	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D	
54	Bhutia Karma Diki	38	Assistant Professor	Ph.D	Yes	23-05-2014	--	Regular	8 Y 0 M 8 D	
55	Chettri Basundhara	43	Assistant Professor	Ph.D	Yes	2/4/2012	--	Regular	10 Y 1 M 29 D	
56	Devi N Bijayalaxmi	46	Assistant Professor	Ph.D	Yes	22-04-2014	--	Regular	8 Y 1 M 9 D	
57	Golay Bidhan	42	Assistant Professor	NET	Yes	19-03-2012	--	Regular	10 Y 2 M 12 D	
58	Jeevanandam S	35	Assistant Professor	Ph.D	Yes	30-11-2015	--	Regular	6 Y 6 M 1 D	
59	Kumar Rajesh	32	Assistant Professor	Ph.D	Yes	8/12/2015	--	Regular	6 Y 5 M 23 D	

60	Mahapatra Sudhansu Sekhar	59	Associate Professor	Ph.D	Yes	15-05-2014	--	Regular	8 Y 0 M 16 D
61	Omprasad Gadde	44	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D
62	Rana Manju	37	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D
63	Saxena Nidhi	43	Assistant Professor	Ph.D	Yes	28-01-2013	--	Regular	9 Y 4 M 3 D
64	Singh Bisu	42	Assistant Professor	Ph.D	Yes	27-05-2014	--	Regular	8 Y 0 M 4 D
65	Tamang Bivek	37	Assistant Professor	NET	Yes	30-04-2012	--	Regular	10 Y 1 M 1 D
66	Thendup Sangmu	38	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D
67	Verma Anju	46	Assistant Professor	Ph.D	Yes	28-04-2014	--	Regular	8 Y 1 M 3 D
68	Ahmed Imtiaz Gulam	65	Professor	Ph.D	No	11/12/2015	29-02-2020	Regular	4 Y 2 M 18 D
69	Bhaichung	63	Associate	M.A	Yes	1/8/2016	--	Adhoc / Cont	5 Y 9 M 30 D

		Tshering Bhutia		Professor					Actual	
70	Buragohain Niharika	42	Assistant Professor	NET	Yes	12/6/2014	--	Regular	7 Y 11 M 19 D	
71	Choubey Manesh	51	Professor	Ph.D	Yes	1/5/2012	--	Regular	10 Y 0 M 30 D	
72	Dutta Abhijit	51	Professor	Ph.D	Yes	4/12/2015	--	Regular	6 Y 5 M 27 D	
73	Gupta Amit Kumar	34	Assistant Professor	Ph.D	Yes	30-04-2014	--	Regular	8 Y 1 M 1 D	
74	Kaushila Subba	29	Assistant Professor	M. Phil	No	21-07-2016	31-07-2019	Adhoc / Contractual	3 Y 0 M 10 D	
75	Kundu Ruma	44	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D	
76	Manivanan S	47	Associate Professor	Ph.D	No	30-04-2012	27-12-2019	Regular	7 Y 7 M 27 D	
77	N Rajesh Raj S	46	Associate Professor	Ph.D	Yes	26-06-2014	--	Regular	7 Y 11 M 5 D	
78	Pandian B Muthu	36	Assistant Professor	Ph.D	Yes	16-05-2014	--	Regular	8 Y 0 M 15 D	

79	Rai Arun Kumar	40	Assistant Professor	Ph.D	Yes	17-11-2015	--	Regular	6 Y 6 M 14 D
80	Roy Biswajit Gopal	46	Assistant Professor	Ph.D	Yes	23-04-2014	--	Regular	8 Y 1 M 8 D
81	Sharma Laxuman	49	Associate Professor	Ph.D	Yes	23-06-2014	--	Regular	7 Y 11 M 8 D
82	Singh Thoudam Roshan	51	Assistant Professor	Ph.D	No	5/5/2014	5/6/2020	Regular	6 Y 1 M 0 D
83	Tamang Sudarsan	37	Assistant Professor	Ph.D	Yes	7/3/2012	--	Regular	10 Y 2 M 24 D
84	Tiwari Hare Krishna	46	Associate Professor	Ph.D	No	13-03-2012	27-09-2020	Regular	8 Y 6 M 14 D
85	Wangmo Ashi Pempem	34	Assistant Professor	NET	Yes	1/5/2014	--	Regular	8 Y 0 M 30 D
86	Ahmad Irfan	36	Assistant Professor	NET	Yes	8/12/2015	--	Regular	6 Y 5 M 23 D
87	Baroowa Moromti	43	Assistant Professor	NET	Yes	29-04-2014	--	Regular	8 Y 1 M 2 D
88	Bhutia Rinkila	34	Assistant	NET	Yes	6/5/2014	--	Regular	8 Y 0 M 25 D

			Profesor							
89	Chettri Lekhika	32	Assistant Professor	M.Tech	Yes	5/12/ 2014	--	Regu lar	7 Y 5 M 26 D	
90	Guha Pradyut	43	Assistant Professor	Ph.D	Yes	6/3/2 012	--	Regu lar	10 Y 2 M 25 D	
91	Kachyo Lepcha	37	Assistant Professor	Ph.D	No	29- 07- 2016	31- 07- 201 9	Adh oc / Cont ract ual	3 Y 0 M 2 D	
92	Kumar Santosh	39	Assistant Professor	Ph.D	Yes	28- 04- 2014	--	Regu lar	8 Y 1 M 3 D	
93	Mahesh wari Saurabh	37	Assistant Professor	Ph.D	Yes	23- 05- 2014	--	Regu lar	8 Y 0 M 8 D	
94	Mukhop adhyay Subir	53	Associ ate Profes sor	Ph.D	Yes	27- 02- 2012	--	Regu lar	10 Y 3 M 4 D	
95	P K SHARMA	76	Profes sor	Ph.D	No	1/8/2 013	31- 12- 201 9	Adh oc / Cont ract ual	6 Y 4 M 30 D	
96	Pradhan Swastika	33	Assistant Professor	NET	Yes	23- 11- 2015	--	Regu lar	6 Y 6 M 8 D	
97	Ranjan Rakesh kumar	43	Assistant	Ph.D	Yes	29- 03- 2012	--	Regu lar	10 Y 2 M 2 D	

			Profesor							
98	Singh Hemam Dinesh	45	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D	
99	Tamang Buddhiman	45	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D	
100	Vinod Chandra Tewari	65	Professor	Ph.D	Yes	17-08-2015	--	Adhoc / Contractual	6 Y 9 M 14 D	
101	Ananth V Krishna	55	Associate Professor	Ph.D	Yes	9/3/2012	--	Regular	10 Y 2 M 22 D	
102	Bhattacharya Amitabh	53	Associate Professor	Ph.D	Yes	30-03-2012	--	Regular	10 Y 2 M 1 D	
103	Chakraborty Somendra Nath	41	Assistant Professor	Ph.D	Yes	2/4/2012	--	Regular	10 Y 1 M 29 D	
104	Choudhury Sanghamitra	44	Assistant Professor	Ph.D	Yes	9/3/2012	--	Regular	10 Y 2 M 22 D	
105	Dutta Krishnendu	51	Associate Professor	Ph.D	Yes	10/11/2015	--	Regular	6 Y 6 M 21 D	
106	Hannan Abdul	48	Assistant Professor	Ph.D	Yes	29-03-2012	--	Regular	10 Y 2 M 2 D	

107	Khan Md Abdullah	41	Assistant Professor	Ph.D	Yes	9/4/2012	--	Regular	10 Y 1 M 22 D
108	Lal Uttam	43	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D
109	Mayank Veer	42	Assistant Professor	Ph.D	Yes	28-02-2012	--	Regular	10 Y 3 M 3 D
110	N Sebastian	45	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D
111	Paswan Nawal Kishore	54	Professor	Ph.D	Yes	5/3/2012	--	Regular	10 Y 2 M 26 D
112	Rai Rachana	35	Assistant Professor	MBA	Yes	8/12/2015	--	Regular	6 Y 5 M 23 D
113	Roy Dhriti	41	Assistant Professor	Ph.D	Yes	27-02-2012	--	Regular	10 Y 3 M 4 D
114	Sharma Pushpa	62	Associate Professor	Ph.D	Yes	15-05-2014	--	Regular	8 Y 0 M 16 D
115	Singha Komol	48	Associate Professor	Ph.D	Yes	25-04-2012	--	Regular	10 Y 1 M 6 D
116	Tej Raj Limboo	33	Assistant Professor	M.A	No	20-07-2016	31-07-2019	Adhoc / Cont	3 Y 0 M 11 D

									Actual	
117	Tripathi Ajay	42	Assistant Professor	Ph.D	Yes	27- 02- 2012	--	Regular	10 Y 3 M 4 D	
118	Wanjari Nishchal	40	Assistant Professor	Ph.D	Yes	30- 04- 2012	--	Regular	10 Y 1 M 1 D	
119	Acharya Bhoj Kumar	42	Assistant Professor	Ph.D	Yes	5/5/2 014	--	Regular	8 Y 0 M 26 D	
120	Bal Bahadur Subba	61	Associate Professor	B.A	Yes	21- 07- 2016	--	Adhoc / Contractual	5 Y 10 M 10 D	
121	Bhutia Chukey	39	Assistant Professor	Ph.D	Yes	5/12/ 2014	--	Regular	7 Y 5 M 26 D	
122	Chettri Arun	43	Assistant Professor	Ph.D	Yes	22- 04- 2014	--	Regular	8 Y 1 M 9 D	
123	Devi Khwaira kpan Renuka	38	Assistant Professor	Ph.D	Yes	4/12/ 2015	--	Regular	6 Y 5 M 27 D	
124	Ghatani Sudeep	36	Assistant Professor	Ph.D	Yes	24- 11- 2015	--	Regular	6 Y 6 M 7 D	
125	Irshad Gulam Ahmed	63	Professor	Ph.D	Yes	21- 05- 2014	--	Regular	8 Y 0 M 10 D	

126	Kotra Rhine Rama Mohan	48	Associate Professor	Ph.D	Yes	5/5/2 014	--	Regular	8 Y 0 M 26 D
127	Lepcha Charisma Karthak	39	Assistant Professor	Ph.D	Yes	28- 04- 2014	--	Regular	8 Y 1 M 3 D
128	Mohapatra Rangalal	49	Assistant Professor	Ph.D	Yes	13- 08- 2012	--	Regular	9 Y 9 M 18 D
129	Norbu Tshering Lepcha	59	Associate Professor	B.A	Yes	29- 07- 2016	--	Adhoc / Contractual	5 Y 10 M 2 D
130	Pradhan Mohan Pratap	36	Associate Professor	Ph.D	Yes	7/12/ 2015	--	Regular	6 Y 5 M 24 D
131	Raju Talluriji Mouni Suvarna	56	Associate Professor	Ph.D	Yes	27- 11- 2015	--	Regular	6 Y 6 M 4 D
132	Sathyana arayana N	49	Professor	Ph.D	Yes	12/3/ 2012	--	Regular	10 Y 2 M 19 D
133	Singh Bimala	43	Assistant Professor	Ph.D	Yes	27- 02- 2012	--	Regular	10 Y 3 M 4 D
134	Subba Dewchandra	36	Assistant Professor	Ph.D	Yes	12/4/ 2012	--	Regular	10 Y 1 M 19 D
135	Thapa Sandhya	57	Associate	Ph.D	Yes	15- 05- 2014	--	Regular	8 Y 0 M 16 D

			Profesor							
136	Vedabala Samidha	34	Assistant Professor	Ph.D	Yes	2/3/2012	--	Regular	10 Y 2 M 29 D	
137	Haokip James Vungjan gam	46	Assistant Professor	Ph.D	Yes	23-08-2017	--	Regular	4 Y 9 M 8 D	
138	Thakuria Garima	33	Assistant Professor	Ph.D	Yes	25-08-2017	--	Regular	4 Y 9 M 6 D	
139	Sharma Shanti Swarup	62	Professor	Ph.D	Yes	19-09-2017	--	Regular	4 Y 8 M 12 D	
140	Roy Swarup	43	Associate Professor	Ph.D	Yes	5/10/2017	--	Regular	4 Y 7 M 26 D	
141	Sankrityayana Jeta	65	Professor	M.A	No	7/9/2017	31-01-2020	Regular	2 Y 4 M 24 D	
142	Bhutia Yodidia	45	Associate Professor	Ph.D	Yes	1/9/2017	--	Regular	4 Y 8 M 30 D	
143	Sharma Aabriti	33	Assistant Professor	NET	Yes	18-09-2017	--	Regular	4 Y 8 M 13 D	
144	Kaur Parviner	53	Assistant Professor	Ph.D	Yes	22-08-2017	--	Regular	4 Y 9 M 9 D	

145	Misra Anil Kumar	45	Associate Professor	Ph.D	Yes	29- 11- 2017	--	Regu lar	4 Y 6 M 2 D
146	Tripathi Pradip	28	Assistant Professor	Ph.D	Yes	30- 08- 2017	--	Regu lar	4 Y 9 M 1 D
147	Pant Veenu	49	Associate Professor	Ph.D	Yes	4/9/2 017	--	Regu lar	4 Y 8 M 27 D
148	Roka Dipmala	38	Assistant Professor	Ph.D	Yes	19- 09- 2017	--	Regu lar	4 Y 8 M 12 D
149	Basnett Pooja	35	Assistant Professor	Ph.D	Yes	11/9/ 2017	--	Regu lar	4 Y 8 M 20 D
150	Pal Bipul	34	Assistant Professor	Ph.D	Yes	11/9/ 2017	--	Regu lar	4 Y 8 M 20 D
151	Behera Namita	37	Assistant Professor	Ph.D	Yes	19- 09- 2017	--	Regu lar	4 Y 8 M 12 D
152	Verma Anil Kumar	34	Assistant Professor	Ph.D	Yes	23- 01- 2018	--	Regu lar	4 Y 4 M 8 D
153	Bandopa dhyay Sanjoy	65	Profes sor	B.Sc .	No	4/8/2 017	30- 09- 201 9	Regu lar	2 Y 1 M 26 D
154	Kumar Surendr a	39	Assist ant	Ph.D	Yes	4/9/2 017	--	Regu lar	4 Y 8 M 27 D

			Profesor							
155	Rai Aruna	51	Assistant Professor	Ph.D	Yes	14-09-2017	--	Regular	4 Y 8 M 17 D	
156	Ahirwar Dinesh Kumar	34	Assistant Professor	Ph.D	Yes	18-10-2017	--	Regular	4 Y 7 M 13 D	
157	Yasin Mohamad	63	Professor	Ph.D	Yes	28-08-2017	--	Regular	4 Y 9 M 3 D	
158	Singh Akhilesh Kumar	33	Assistant Professor	Ph.D	Yes	30-08-2017	--	Regular	4 Y 9 M 1 D	
159	Singh Kshetrimayum Birla	42	Associate Professor	Ph.D	No	18-09-2017	6/3/2020	Regular	2 Y 5 M 17 D	
160	Pariyar A	35	Assistant Professor	Ph.D	Yes	22-08-2017	--	Regular	4 Y 9 M 9 D	
161	Bhattarai Binod	32	Assistant Professor	NET	Yes	13-10-2017	--	Regular	4 Y 7 M 18 D	
162	Singh Amit Kumar	41	Assistant Professor	Ph.D	Yes	21-09-2017	--	Regular	4 Y 8 M 10 D	
163	Pathak A P	73	Professor	Ph.D	No	1/2/2018	31-01-2020	Adhoc / Contractual	1 Y 11 M 30 D	

2.4.4 **Total number of full time teachers who received awards, recognition, fellowships at State, National, International level**
Q_nM **from Government/Govt. recognised bodies during the year**

Year	2021-22
Number	24

Sl No	National/ International	Name of the teacher awarded the fellowship	Name of the Award	Year of Award	Awarding Agency
1	National	Dr. S. Jeevanandam	Best Paper Award (Caldwell Award) in the International Conference on Dravidak Karuththiyal (Online	2021-22	Department of Tamil and Dravida Iyakka Ayvu Maiyam, Chikkaiah Naicker College, Erode, Tamil Nadu, India. September 16, 2021.
2	International	Prof Nawal K. Paswan	Editorial Board Member	2021-22	Himalayan and Central Asian Studies, Journal of Himalayan Research and Cultural Foundation, New Delhi.
3	International	Prof Nawal K. Paswan	International Editorial Advisory Board member	2021-22	Scientific Quarterly Journal of Political Legal Approach
4	International	Prof Nawal K. Paswan	Editorial Advisory Board member	2021-22	Business Analyst: A Refereed Journal of Sri Ram College of Commerce, Delhi

						University (ISSN:0973-211X)
5	International	Prof Nawal K. Paswan	International Advisory Board member	2021-22		Social Inquire: Journal of Social Sciences Research, Tribhuvan University, Kathmandu, Nepal (ISSN: 2705-4853/ e-ISSN: 2705-4861)
6	International	Prof Nawal K. Paswan	Advisory Board member	2021-22		Journal of Political Science, Vidyasagar University, Midnapur, West Bengal (ISSN:0972-8791)
7	International	Charisma K. Lepcha	Visiting Scholar	2021-22		Harvard-Yenching Institute, Cambridge, MA
8	International	Dr. Uttam Lal	IUC-UGC Associateship	2021-22		IIAS, Shimla for October 2021
9	International	Dr. Saurabh Maheshwari	Post-doctoral fellowship	2021-22		Ministry of Education, China
10	International	Dr. Abrona Lee Pandi Aden	ICM Global South Translation Fellowship	2021-22		Cornell University
11	International	Dr. Saswati Saha	IATIS Solidarity and Scientific Excellence Bursary	2021-22		International Association for Translation and Cultural Studies by the Organizing Committee for the 7 th International IATIS conference 2021 in Barcelona, Spain

	12	National	Dr. Pradip Tripathi	Hindi Pragya Samman- 2021	2021-22	Vishwa Hindi Sahitya Parishad (India, America, England&Mauritius), 14 Sept-2021
	13	National	Dr. Pradip Tripathi	UtkrishtaShikshakSamman- 2021	2021-22	Sahitya 24, New Delhi, 05 Sept 2021
	14	National	Dr. Pradip Tripathi	Acharya Mahavir Prasad Dwivedi Samman	2021-22	SahityikSanskritik Kala Sangam Academy, UP, 27 March, 2022
	15	National	Kabita Lama	Felicitated	2021-22	Sikkim Akademi on the Lectures series of Padam Singh Subba organised by Sikkim Akademi on 11 September 2021
	16	National	Dr. Sujata Upadhyay	Teacher of the Year Award- North East Category	2021-22	Academisthan Foundation, Mumbai on 6 th September, 2021
	17	National	Dr. Sujata Upadhyay	Venus International Women Awards (VIWA 2022) "Outstanding Woman Researcher in Horticulture"	2021-22	Venus International Foundation, Chennai on 5 th March, 2022
	18	National	Dr. Bhoj Kumar Acharya	Nominated as Member	2021-22	Sikkim State Biodiversity Board by the Government of Sikkim
	19	National	Dr. Bhoj Kumar Acharya	Nominated as Member	2021-22	National Coordination Committee for Transboundary

						Landscape Initiatives in the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India
	20	International	Dr Bisu Singh	Best Oral present award	2021-22	Joint meeting of the Indian Histocompatibility and Immunogenetics (ISHI) and Asia Pacific Histocompatibility and Immunigenetics Association (APHIA)” held Online 17 to 20 Nov, 2021
	21	International	Partha Pratim Ray	Top 2% Scientist	2021-22	Stanford University Database in 2021
	22	National	Anil Kumar Misra	Selected Member	2021-22	Sectoral Working Group related to “Himalayan Ecosystem” for preparation of India’s Adaptation Communication to United Nations Framework Convention on Climate Change (UNFCC). Climate

						Change Program (CCP) Division, DST, Ministry of Science and Technology, Government of India.
	23	National	Dr. Krishna Murari	Best Publication of the Year Award 2020	2021-22	Sikkim University
	24	National	Dr. Shri Ram	Excellence in Academic Library	2021-22	Excellence in Academic Library Award for the Year 2021

<https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf>

Key Indicator - 2.5 Evaluation Process and Reforms

Metric No.					
<p>2.5.1</p> <p>Q_nM</p>	<p>Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year</p> <p>2.5.1.1 Number of days from the date of last semester-end/ year-end examination till the declaration of results year wise during the year:</p> <table border="1" data-bbox="336 757 751 875"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>25</td> </tr> </tbody> </table>	Year	2021-22	Number	25
Year	2021-22				
Number	25				
<p>2.5.2</p> <p>Q_nM</p>	<p>Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year</p> <table border="1" data-bbox="336 1211 751 1330"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>NIL</td> </tr> </tbody> </table>	Year	2021-22	Number	NIL
Year	2021-22				
Number	NIL				
<p>2.5.3</p> <p>Q_iM</p>	<p>IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution</p> <p>The University follows semester system with continuous evaluation through internal and end semester assessments. Question paper setting, Moderation and Evaluation for each semester are assigned to experts from both within and outside the University ensuring strict</p>				

	<p>confidentiality and quality. Results are tabulated in both absolute marks and CGPA.</p> <p>Following reforms were made in the process</p> <ol style="list-style-type: none"> 1. Double entry of marks to avoid typographical errors. 2. Scrutiny of all evaluated answer scripts by experts. 3. Use of software to prepare exam routine to ensure no overlaps in dates. 4. Use of software to generate packing list for question papers to ensure optimum quantity and reduce wastage. 5. Flying squad (surprise visits) to exam centers during examination. 6. Maintenance of all records in hard copy and soft copy. 7. Online email support to students/faculty for technical assistance. <p>IT Enhancements</p> <ol style="list-style-type: none"> 1. Use of Examination Software for before, during and after exam works. 2. Online portal for all constituent departments and affiliated colleges for entry of internal marks 3. Online declaration of results 4. Online Examination/Reevaluation Form 5. Online Student Registration 6. Online fee payment through payment gateway 7. Online Hall ticket generation 8. Online Student Applications for issue of revised/duplicate mark sheets, revised/duplicate/provisional degree certificate, revised/duplicate registration certificate and transcript
<p>2.5.4</p> <p>Q_nM</p>	<p>Status of automation of Examination division along with approved Examination Manual</p> <p>B. Only student registration, Hall ticket issue & Result Processing</p>

Key Indicator - 2.6 Student Performance and Learning Outcomes

Metric No.	
<p>2.6.1</p> <p>Q_iM</p>	<p>The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents</p> <p>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.</p> <p>The generic and programme specific learning outcomes are being planned to be incorporated as a part of curriculum during implementation of NEP.</p>
<p>2.6.2</p> <p>Q_iM</p>	<p>Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year</p> <p>Current evaluation system involves periodic assessment of programme/course outcomes and in the light ongoing implementation of NEP the evaluation system will be further strengthened in the line of attainment of programme outcomes, Programme specific outcomes and course outcomes.</p>
<p>2.6.3</p> <p>Q_nM</p>	<p>Number of students passed during the year</p> <p>2.6.3.1: Total number of final year students who passed the university examination 4614</p>

	2.6.3.2: Total number of final year students who appeared for the examination 4770
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Key Indicator- 2.7 Student Satisfaction Survey

Metric No.	
2.7.1 Q_nM	<p data-bbox="327 367 1394 517">Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)</p> <p data-bbox="327 591 1394 734">The institution is working towards development of an appropriate mechanism to collect the results and detail of the student satisfaction.</p>

Criterion III – Research, Innovations and Extension

Key Indicator - 3.1 Promotion of Research and Facilities

Metric No.											
3.1.1 Q ₁ M	<p>The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented</p> <p>1) The institute has published guidelines for research projects</p> <p>2) There are three research centers</p> <ul style="list-style-type: none"> ○ Centre for Endangered Languages ○ Bio-Informatics Centre ○ Maulana Azad Centre for North East Studies <p>3) Research Journals of Academic Departments: Poorvottar Prabha , A Research Journal of Hindi Department</p>										
3.1.2 Q _n M	<p>The institution provides seed money to its teachers for research (amount INR in Lakhs)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>(INR in Lakhs):</td> <td>N.A.</td> </tr> </tbody> </table>	Year	2021-22	(INR in Lakhs):	N.A.						
Year	2021-22										
(INR in Lakhs):	N.A.										
3.1.3 Q _n M	<p>Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-2022</th> </tr> </thead> <tbody> <tr> <td>Number of teachers</td> <td>11</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sl No</th> <th>National/</th> <th>Name of the teacher awarded</th> <th>Name of the Award</th> <th>Year of Award</th> <th>Awarding Agency</th> </tr> </thead> <tbody> </tbody> </table>	Year	2021-2022	Number of teachers	11	Sl No	National/	Name of the teacher awarded	Name of the Award	Year of Award	Awarding Agency
Year	2021-2022										
Number of teachers	11										
Sl No	National/	Name of the teacher awarded	Name of the Award	Year of Award	Awarding Agency						

		International	the fellowship			
1	National	Dr. S. Jeevanandam	Best Paper Award (Caldwell Award) in the International Conference on Dravidak Karuththiyal (Online	2021-22	Department of Tamil and Dravida Iyakka Ayvu Maiyam, Chikkaiah Naicker College, Erode, Tamil Nadu, India. September 16, 2021.	
2	International	Prof Nawal K. Paswan	Editorial Board Member	2021-22	Himalayan and Central Asian Studies, Journal of Himalayan Research and Cultural Foundation, New Delhi.	
3	International	Prof Nawal K. Paswan	International Editorial Advisory Board member	2021-22	Scientific Quarterly Journal of Political Legal Approach	
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	10	International	Dr. Abrona Lee Pandi Aden	ICM Global South Translation Fellowship	2021-22	Cornell University																
	11	International	Dr. Saswati Saha	IATIS Solidarity and Scientific Excellence Bursary	2021-22	International Association for Translation and Cultural Studies by the Organizing Committee for the 7 th International IATIS conference 2021 in Barcelona, Spain																
3.1.4	Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year																					
Q_nM	<table border="1"> <thead> <tr> <th>Year</th> <th colspan="3">2021-2022</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td colspan="3">67</td> </tr> <tr> <td></td> <td>Sl No</td> <td>Type</td> <td>Number</td> </tr> <tr> <td></td> <td>1</td> <td>JRF</td> <td>17</td> </tr> </tbody> </table>						Year	2021-2022			Number	67				Sl No	Type	Number		1	JRF	17
Year	2021-2022																					
Number	67																					
	Sl No	Type	Number																			
	1	JRF	17																			

		2	SRF	04	
		3	RA	03	
		4	Field Assistant	06	
		5	Field Labour	01	
		6	Field-cum- Lab Attendant	04	
		7	Project Assistant	03	
		8	Project Fellow (Senior Project Fellow-1, Junior Project Fellow- 11)	12	
		9	Field Investigator	11	
		10	Doctoral Fellowship	04	
		11	Post-Doctoral Fellowship	02	
3.1.5	Institution has the following facilities to support research				
Q_nM	<ul style="list-style-type: none"> • Central Instrumentation Centre • Animal House/Green House • Museum • Media laboratory/Studios • Business Lab • Research/Statistical Databases • Moot court • Theatre • Art Gallery • Any other facility to support research <p>Options: A. Any 4 or more of the above</p>				
3.1.6	Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year				
Q_nM					

Year	2021-22
Number	<ul style="list-style-type: none">• DST- 12• SERB- 9• DBT- 15• International Project- 3• UGC- 6• NMHS- 6• ICMR- 1• ICHR -1• NSS Cell- 1• Tea Board- 1• Sikkim University-1• ICSSR- 9• Government of Sikkim – 3• NEC-1

Key Indicator - 3.2 Resource Mobilizations for Research

Metric No.							
3.2.1 Q _n M	Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)						
	Year	2021-22					
	Number	67 (ongoing)					
	Sl	Nature of the Project	Duration	Name of the funding Agency	Total grant Sanct ioned (in Lakhs)	Amount receive d during the year (in Lakhs)	Name
	1	Natio nal	24 M	ICSSR New Delhi	6 Lakhs	3 Lakhs	Medium of Instruction and Students Performance at the School Level in India's North Eastern Region (Investigator (s) Singha, K; Raj, R.S.N. and Devi, K. I.)

	2	Natio nal	24 M	ICSSR New Delhi	8 L	4 L	Economics and Efficiency of organic farming in Sikkim (Investigator (s) Manesh Choubey)
	3	Natio nal	24 M	INSA	5.33 L	2.68 L	Antiquity and Social Aspects of Some Ethnic Fermented Foods and Beverages of North East India (Investigator (s) Dr Veenu Pant)
	4	Intern ationa l	12 M	The Asia Foundatio n	8.73 L	4.37 L	Hydro-diplomacy & Transboundary Rivers in South Asia (Investigator (s) Dr. Sebastian N, Ph. Newton Singh, Dr. Dipmala Roka, Dr. Koiremba Singh)
	5	Natio nal	18 M	Governme nt of Sikkim	16 L	8 L	Study of declining number of Aganwadi beneficiaries in Sikkim (Investigator (s) Prof. Sandhya Thapa, Prof. S. Mahapatra, Dr. Durga P Chhetri & Dr. Winkeyla Bhutia)
	6	Natio nal	36 M	NMHS, Govt of India	13 L	4 L	Spring Rejuvenation for Water security in Himalaya (Investigator (s) Vimal Khawas)

	7	National	12 M	Sikkim University	1 L	1 L	Associations of Digit ratio (2D:4D), age at menarche, reproductive success and menopause among post-menopausal women in Sikkim, India (Investigator (s) Dr. Nitish Mondal)
	8	International	22 M	ICIMOD	\$18000	\$18000	Organic Farmers as Green Entrepreneurs: Exploring the impact of FPOs on Organic Cultivation in Sikkim, Northeast India (Investigator (s) Dr. Charisma K. Lepcha)
	9	National	12 M	Critical Ecosystem Partnership Fund (CEPF)	15.5 L	7.7 L	Saving the Fish From Mekong to Meghalaya. (Investigator (s) James V. Haokip (Co Principal Investigator))
	10	National	12 M	Niti Aayog-UGC	18.75 L	18.75 L	Opportunities of Livelihood to Check Migration from the Hills (Investigator (s) Prof. Sohel Firdos)
	11	National	12 M	Research Award Sikkim University	1 L	1 L	Agriculture, Vegetable Economy and Livelihoods of Vegetable Growers in Sikkim (Investigator (s) Dr. Abdul Hannan)
	12	National	12 M	Niti Aayog-UGC	4.6 L	4.6 L	Enumeration and Evaluation of the Economic impact of female labour in the

							hills (Investigator (s) Dr. Uttam Lal)
13	Natio nal	12 M	ICSSR- NERC	1.2 L	1.2 L		Tribal Self Representation through Cultural Festivals of Sikkim (Investigator (s) Dr. Uttam Lal)
14	Natio nal	12 M	Sikkim University	.75 L	.75 L		Research and Publication ethics (Investigator (s) Dr Hardeep singh)
15	Natio nal	3 M	Kendriyhi ndisansth anaagra	-	-		Bhutiyalok sahitya sankalan (Investigator (s) Dr.Chukey Bhutia)
16	Natio nal	3 M	Kendriyhi ndisansth anaagra	-	-		Rai lok sahitya ka sankalan (Investigator (s) Dr chukey Bhutia)
17	Natio nal	36 M	DBT	33.80 L	33.80 L		The Chemical Ecology of the L-DOPA containing Plants and Their Interaction with the Herbivores. (Investigator (s) Dr. N.Sathyanarayana)
18	Natio nal	24 M	Sikkim University	17.6 L	17.6 L		Study and cultivation of saffron (Crocus sativus L.) in Sikkim (Investigator (s) 1. Dr. Shanti S. Sharma (PI) 2. Dr. Dhani R. Chhetri (Co-PI) 3. Dr. Santosh K. Rai (Co-PI) 4. Dr. Arun Chettri (Co-PI))
19	Natio nal	36 M	DBT	17.03 L	17.03 L		Harnessing Endophytes and Arbuscular Mycorrhizal Fungi

							from Citrus Microbiome for Plant and Soil Health Management in North East India (Investigator (s) Dr. Arun Kumar Rai)
	20	Natio nal	36 M	DST	10.35 L	10.35 L	Assessment of Socio-ecological vulnerability to climate change among agroforestry managers along an altitude gradient in the Eastern Himalayas (Investigator (s) Dr. N. Bijayalaxmi Devi)
	21	Natio nal	12 M	Sikkim University	1 L	1 L	Studies on antimicrobial properties of phytochemicals and silver nanoparticles extracted and synthesized from ethnomedicinal plants of Darjeeling-Sikkim Himalayan region (Investigator (s) Dr. Santosh Kumar Rai)
	22	Natio nal	36 M	DBT., GOI	38.75 L	38.75 L	In vitro mass propagation of High value hill Banana
	23	Natio nal	36 M	NMHS, MoEF, GOI (NMHS)	98.44 L	98.44 L	Conservation, Promotion and intensification of local crop landraces of germplasm for livelihoods of organic farmers in Sikkim

24	Natio nal	36 M	DST, SERB, GOI	24.93 L	24.93 L	Conservation and sustainable use of <i>Nardostachys grandiflora</i> DC. An endangered medicinal plant of Sikkim Himalaya
25	Natio nal	36 M	DBT	62.69 L	21 L	Cloning and expression of amylases from the microbes associated with hot springs niche and application of recombinant amylase for the production of 'limit dextrans' from starchy bioresources of Sikkim (Investigator (s) Dr. Nagendra Thakur)
26	Natio nal	12 M	Sikkim University	1 L	1 L	Determination of bacterial diversity and its antibiotic resistance in gradient natural thermal field spanning across tthermophilic to psychrophilic environments (Investigator (s) Dr. Nagendra Thakur)
27	Natio nal	36 M	G.B. Pant National Institute of Himalaya n Environm	354 L	354 L	Key ecosystem services and biodiversity components in socio-ecological landscapes of Darjeeling - Sikkim Himalaya: Deriving management & policy

				ent (GBPNIH E) under National Mission on Himalaya n Studies (NMHS), Ministry of Environm ent and Forests, Govt. of India			inputs and developing mountain biodiversity information system (Investigator (s) Dr. Bhoj Kumar Acharya (PI) & Basundhara Chettri (Co-PI))
28	Natio nal	36 M	Ministry of Environm ent and Forests, Govt. of India	32.84 L	32.84 L	Diversity pattern, range size distribution and trait composition of butterflies along elevation gradients in the Sikkim Himalaya (Investigator (s) Dr. Bhoj Kumar Acharya (PI))	
29	Natio nal	36 M	SERB_DS T, GOI	33.38 L	33.38 L	Ecology, distribution and phylogeny of Takydromussikkimen sis (Gunther, 1888) (Squamata: Lacertidae) in the North East India. (Investigator Dr Basundhara Chettri)	
30	Natio nal	36 M	ICMR	14.96 L	14.96 L	Study of Toll Like Receptor (TLR) gene polymorphism in the pathogenesis of schizophrenia: An	

							approach to investigate immune-inflammatory hypothesis (Investigator Dr Bisu Singh)
31	Natio nal	36 M	DST- SERB	35.13 L	35.13 L		An investigation of gene-environment interaction with special reference to stress, 5-HTTLPR and epigenetic changes in the pathophysiology of depression among the patients of Sikkim (Investigator Dr Bisu Singh)
32	Natio nal	48 M	SERB /DST	46.98 L	46.98 L		Development of biocompatible fluorescent quantum dots emitting in second near infrared region (1000-1400 nm) ((Investigator Dr. Sudarsan Tamang)
33	Natio nal	36 M	DBT	77.60 L	77.60 L		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. Biswajit Gopal Roy)
34	Natio nal	60 M	DST- Inspire, GOI, New Delhi	35.00 L	35.00 L		Metal Organic Frameworks and their Post-Synthetic Modified Products for Application in Molecular and Electrocatalysis. (Investigator Dr. Anand Pariyar)
35	Natio nal	60 M	DST	680 L	-		DST's Centre of Excellence on Water Resources, Cryosphere and Climate Change Studies" (Dr. Anil Kumar Misra (PI), Dr. Rakesh Kumar Ranjan (Co-PI), Dr. Nishchal Wanjari (Co-PI))
36	Natio nal	60 M	DST	180 L	180 L		DST-FIST (Department of Physics)
37	Natio nal	36 M	DST- SERB	42.4 L	42.4 L		Electromagnetically Induced Transparency based Quantum Memory (Dr. Ajay Tripathi)
38	Natio nal	36 M	DST- SERB	12.98 L	12.98 L		Study of Spatially Modulated States in Condensed Matter System Using Gauge/Gravity Duality (Dr. Subir Mukhopadhyay)
39	Natio nal	24 M	ICSSR, New Delhi	6.5 L	6.5 L		Social Media Use, Civic Engagements

							and Social Wellbeing of Working Women: Insights from Northeast region (Dr. Krishna Murari (PI) & Dr. Shalini Shukla (CO-PI))
	40	Natio nal	12 M	Sikkim University	.75 L	.75 L	Assessment of organic farming for the development of agricultural sustainability: A study on pakyong and Rhenock area of sikkim (Dr. Pradip Kumar Das)
	41	Natio nal	12 M	Sikkim University	1 L	1 L	Lok Sangeet Se Vilupt Hoti Paramparik Nrity Shaili (Purvanchal Ke Sandarbh Men) Karan Or Sanvardhan (Surendra kumar)
3.2.2	Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)						
Q_nM							
	Year		2021-22				
	Number		401.95 L				
	Sl	Natur e of the Proje ct	Durati on	Name of the funding Agency	Total grant Sanct ioned (in Lakhs)	Amount receive d during the year (in Lakhs)	Name

	1	Natio nal	24 M	ICSSR New Delhi	6 Lakhs	3 Lakhs	Medium of Instruction and Students Performance at the School Level in India's North Eastern Region (Investigator (s) Singha, K; Raj, R.S.N. and Devi, K. I.)
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	9	Natio nal	12 M	Research Award Sikkim University	1 L	1 L	Agriculture, Vegetable Economy and Livelihoods of Vegetable Growers in Sikkim(Investigator (s) Dr. Abdul Hannan)
	10	Natio nal	12 M	Niti Aayog- UGC	4.6 L	4.6 L	Enumeration and Evaluation of the Economic impact of female labour in the hills (Investigator (s) Dr. Uttam Lal)
	11	Natio nal	12 M	ICSSR- NERC	1.2 L	1.2 L	Tribal Self Representation through Cultural Festivals of Sikkim (Investigator (s) Dr. Uttam Lal)

12	Natio nal	12 M	Sikkim University	.75 L	.75 L	Research and Publication ethics (Investigator (s) Dr Hardeep singh)
13	Natio nal	3 M	Kendriyhi ndisansth anaagra	-	-	Bhutiyalok sahitya sankalan (Investigator (s) Dr.Chukey Bhutia)
14	Natio nal	3 M	Kendriyhi ndisansth anaagra	-	-	Rai lok sahitya ka sankalan (Investigator (s) Dr chukey Bhutia)
15	Natio nal	36 M	DBT	33.80 L	33.80 L	The Chemical Ecology of the L-DOPA containing Plants and Their Interaction with the Herbivores. (Investigator (s) Dr. N.Sathyanarayana)
16	Natio nal	24 M	Sikkim University	17.6 L	17.6 L	Study and cultivation of saffron (Crocus sativus L.) in Sikkim (Investigator (s) 1. Dr. Shanti S. Sharma (PI) 2. Dr. Dhani R. Chhetri (Co-PI) 3. Dr. Santosh K. Rai (Co-PI) 4. Dr. Arun Chettri (Co-PI))
17	Natio nal	36 M	DBT	17.03 L	17.03 L	Harnessing Endophytes and Arbuscular Mycorrhizal Fungi from Citrus Microbiome for Plant and Soil Health Management in North East India (Investigator (s) Dr. Arun Kumar Rai)

18	Natio nal	36 M	DST	10.35 L	10.35 L	Assessment of Socio-ecological vulnerability to climate change among agroforestry managers along an altitude gradient in the Eastern Himalayas (Investigator (s) Dr. N. Bijayalaxmi Devi)
19	Natio nal	12 M	Sikkim University	1 L	1 L	Studies on antimicrobial properties of phytochemicals and silver nanoparticles extracted and synthesized from ethnomedicinal plants of Darjeeling-Sikkim Himalayan region (Investigator (s) Dr. Santosh Kumar Rai)
20	Natio nal	36 M	DBT., GOI	38.75 L	38.75 L	In vitro mass propagation of High value hill Banana
21	Natio nal	36 M	NMHS, MoEF, GOI (NMHS)	98.44 L	98.44 L	Conservation, Promotion and intensification of local crop landraces of germplasm for livelihoods of organic farmers in Sikkim
22	Natio nal	36 M	DST, SERB, GOI	24.93 L	24.93 L	Conservation and sustainable use of <i>Nardostachys grandiflora</i> DC. An endangered medicinal plant of Sikkim Himalaya

	23	Natio nal	36 M	DBT	62.69 L	21 L	Cloning and expression of amylases from the microbes associated with hot springs niche and application of recombinant amylase for the production of 'limit dextrans' from starchy bioresources of Sikkim (Investigator (s) Dr. Nagendra Thakur)
	24	Natio nal	12 M	Sikkim University	1 L	1 L	Determiation of bacterial diversity and its antibiotic resistance in gradient natural thermal field spanning across tthermophilic to psychrophilic environments (Investigator (s) Dr. Nagendra Thakur)
	25	Natio nal	36 M	G.B. Pant National Institute of Himalaya n Environm ent (GBPNIH E) under National Mission on Himalaya	354 L	354 L	Key ecosystem services and biodiversity components in socio- ecological landscapes of Darjeeling - Sikkim Himalaya: Deriving management & policy inputs and developing mountain biodiversity information system (Investigator (s) Dr. Bhoj Kumar Acharya (PI)

				n Studies (NMHS), Ministry of Environment and Forests, Govt. of India			& Basundhara Chettri (Co-PI))
26	National	36 M	Ministry of Environment and Forests, Govt. of India	32.84 L	32.84 L	Diversity pattern, range size distribution and trait composition of butterflies along elevation gradients in the Sikkim Himalaya (Investigator (s) Dr. Bhoj Kumar Acharya (PI))	
27	National	36 M	SERB_DS T, GOI	33.38 L	33.38 L	Ecology, distribution and phylogeny of Takydromussikkimensis (Gunther, 1888) (Squamata: Lacertidae) in the North East India. (Investigator Dr Basundhara Chettri)	
28	National	36 M	ICMR	14.96 L	14.96 L	Study of Toll Like Receptor (TLR) gene polymorphism in the pathogenesis of schizophrenia: An approach to investigate immune-inflammatory hypothesis (Investigator Dr Bisu Singh)	

29	Natio nal	36 M	DST- SERB	35.13 L	35.13 L	An investigation of gene-environment interaction with special reference to stress, 5-HTTLPR and epigenetic changes in the pathophysiology of depression among the patients of Sikkim (Investigator Dr Bisu Singh)
30	Natio nal	48 M	SERB /DST	46.98 L	46.98 L	Development of biocompatible fluorescent quantum dots emitting in second near infrared region (1000-1400 nm) ((Investigator Dr. Sudarsan Tamang)
31	Natio nal	36 M	DBT	77.60 L	77.60 L	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. Biswajit Gopal Roy)
32	Natio nal	60 M	DST- Inspire, GOI, New Delhi	35.00 L	35.00 L	Metal Organic Frameworks and their Post-Synthetic Modified Products for Application in

							Molecular and Electrocatalysis. ((Investigator Dr. Anand Pariyar)
33	Natio nal	60 M	DST	680 L	-		DST's Centre of Excellence on Water Resources, Cryosphere and Climate Change Studies" (Dr. Anil Kumar Misra (PI), Dr. Rakesh Kumar Ranjan (Co-PI), Dr. Nishchal Wanjari (Co-PI))
34	Natio nal	60 M	DST	180 L	180 L		DST-FIST (Department of Physics)
35	Natio nal	36 M	DST- SERB	42.4 L	42.4 L		Electromagnetically Induced Transparency based Quantum Memory (Dr. Ajay Tripathi)
36	Natio nal	36 M	DST- SERB	12.98 L	12.98 L		Study of Spatially Modulated States in Condensed Matter System Using Gauge/Gravity Duality (Dr. Subir Mukhopadhyay)
37	Natio nal	24 M	ICSSR, New Delhi	6.5 L	6.5 L		Social Media Use, Civic Engagements and Social Wellbeing of Working Women: Insights from Northeast region (Dr. Krishna Murari (PI) & Dr. Shalini Shukla (CO-PI))

	38	Natio nal	12 M	Sikkim University	.75 L	.75 L	Assessment of organic farming for the development of agricultural sustainability: A study on pakhyong and Rhenock area of sikkim (Dr. Pradip Kumar Das)
	39	Natio nal	12 M	Sikkim University	1 L	1 L	Lok Sangeet Se Vilupt Hoti Paramparik Nrity Shaili (Purvanchal Ke Sandarbh Men) Karan Or Sanvardhan (Surendra kumar)

3.2.3

Number of research projects funded by government and non-government agencies during the yearQ_nM

Year	2021-22
Number	69

Sl	Nature of the Project	Durati on	Name of the funding Agency	Total grant Sanct ioned (in Lakhs)	Amount receive d during the year (in Lakhs)	Name
1	Natio nal	24 M	ICSSR New Delhi	6 Lakhs	3 Lakhs	Medium of Instruction and Students Performance at the School Level in India's North Eastern Region (Investigator (s) Singha, K; Raj, R.S.N. and Devi, K. I.)
2	Natio nal	24 M	ICSSR New Delhi	8 L	4 L	Economics and Efficiency of organic farming in Sikkim (Investigator (s) Manesh Choubey)
3	Natio nal	24 M	INSA	5.33 L	2.68 L	Antiquity and Social Aspects of Some Ethnic Fermented Foods and Beverages of North East India (Investigator (s) Dr Veenu Pant)

	4	International	12 M	The Asia Foundation	8.73 L	4.37 L	Hydro-diplomacy & Transboundary Rivers in South Asia (Investigator (s) Dr. Sebastian N, Ph. Newton Singh, Dr. Dipmala Roka, Dr. Koiremba Singh)
	5	National	18 M	Government of Sikkim	16 L	8 L	Study of declining number of Aganwadi beneficiaries in Sikkim (Investigator (s) Prof. Sandhya Thapa, Prof. S. Mahapatra, Dr. Durga P Chhetri & Dr. Winkeyla Bhutia)
	6	National	36 M	NMHS, Govt of India	13 L	4 L	Spring Rejuvenation for Water security in Himalaya (Investigator (s) Vimal Khawas)
	7	National	12 M	Sikkim University	1 L	1 L	Associations of Digit ratio (2D:4D), age at menarche, reproductive success and menopause among post-menopausal women in Sikkim, India (Investigator (s) Dr. Nitish Mondal)
	8	International	22 M	ICIMOD	\$18000	\$18000	Organic Farmers as Green Entrepreneurs: Exploring the impact of FPOs on Organic Cultivation in Sikkim, Northeast India

						(Investigator (s) Dr. Charisma K. Lepcha)
9	Natio nal	12 M	Critical Ecosyste m Partnersh ip Fund (CEPF)	15.5 L	7.7 L	Saving the Fish From Mekong to Meghalaya. (Investigator (s) James V. Haokip (Co Principal Investigator))
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	41	Natio nal	12 M	Sikkim University	1 L	1 L	Lok Sangeet Se Vilupt Hoti Paramparik Nrity Shaili (Purvanchal Ke Sandarbh Men) Karan Or Sanvardhan (Surendra kumar)

Key Indicator - 3.3 Innovation Ecosystem

Metric No.															
3.3.1 Q _i M	<p>Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge</p> <p>Institution Innovation Council (IIC)</p> <p>Sikkim University has constituted an Institution Innovation Council (IIC) with the idea to promote innovative ideas and initiatives across various school of studies, IIC periodically organized workshops/lectures from experts from industries/ civil society inviting all stakeholders in the university and the state of Sikkim.</p>														
3.3.2 Q _n M	<p>Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the year</p> <p>3.3.2.1: Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>29</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sl No</th> <th>Title of Workshop/Seminar</th> <th>Name of the Dept.</th> <th>Date(s)</th> <th>Number of Participates</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lecture by Foreign Secretary</td> <td>International Relations</td> <td>03 April 2021</td> <td>120</td> </tr> </tbody> </table>	Year	2021-22	Number	29	Sl No	Title of Workshop/Seminar	Name of the Dept.	Date(s)	Number of Participates	1	Lecture by Foreign Secretary	International Relations	03 April 2021	120
Year	2021-22														
Number	29														
Sl No	Title of Workshop/Seminar	Name of the Dept.	Date(s)	Number of Participates											
1	Lecture by Foreign Secretary	International Relations	03 April 2021	120											

2	Special Lecture by Prof. Lalwanti Chatani	International Relations	24 March 2022	100
3	'New Trends in Feminism' (Webinar)	Sociology	Started on 27 November 2020 Ended on 13 April 2021	45
4	Friday Lecture Series	Sociology	12-13 November 2021	84
5	Azadi ka Amrit Mahotsav series	Sociology	3 September-22 October 2021	-
6	Impact of COVID19 on Gender Equality	Sociology	24 February 2022	-
7	Para-hydralogsists Training Workshop	Peace and Conflict Studies and Management	19 December 2021	27
8	Workshop cum National Webinar on Regional Disparities in India: Issues and Challenges	Geography	28 February 2022 - 01 March 2022	18
9	National Seminar on "Rethinking Social Exclusion: Issues and Perspectives	English	-	65
10	Premchand Jayanti	Hindi	31 July 2021	30
11	SwatantrataAndolan Mein Hindi Ki Bhumika	Hindi	15 November 2021	50
12	NEP-2022 & Languages	Hindi	29 March 2022	200
13	Nepali Bhasa ManyataDiwas	Nepali	20 August 2021	100

	14	Online capacity building program“2nd Advanced Training Program on Water Resource Management, Glacier Monitoring & Climate Change Studies”	Geology	29 January – 18 February 2022	45
	15	Vigilance Awareness Week lecture	Mathematics	1 November 2021	43
	16	Special lecture	Mathematics	21 March 2022	53
	17	Luca Pacioli Endowment Lecture on 'Using Artificial Intelligence / Machine Learning in Corporate Affairs' Mrs. Nandita Mishra, Economic Advisor, Ministry of Corporate Affairs, Government of India	Commerce	17 August 2021	95
	18	Webinar on “Emerging Role of Corporate Social Responsibility in present scenario	Commerce	24 August 2021	90
	19	ATAL Sponsored FDP on Improving Personal Effectiveness at Workplace	Management	1-5 September 2021	200
	20	Webinar/ Lecture in Association with Press Club of Sikkim on Role of Media in Rural Communication	Mass Communication	4 March, 2022	98

21	Lecture on Film Making, Script Writing to Editing	Mass Communication	7 July, 2021	47
22	Lecture on Information Technology –Frauds and Fraud prevention & Cyber Security – Fraud prevention in Banking	Mass Communication	1 July, 2021	14
23	Panel Discussion on "Virality and Objectivity in the online news era: Compatible or Oxymoronic?" on National Press Day 2021	Mass Communication	16 Nov, 2021	39
24	One-Day Television Production Workshop	Mass Communication	11 Dec, 2021	25
25	Workshop on Television Production Theme: Concepts, treatments, and script	Mass Communication	30 Nov to 4 Dec, 2021	37
26	Two-Day Workshop on Script Writing	Mass Communication	27 & 28 Jan, 2022	28
27	Lecture on "Corporatisation of Civil Society and Emerging Scopes for Development Communication Professionals in the Development Sector"	Mass Communication	12 Feb, 2022	30
28	Lecture on Emerging Trends and Career Opportunities in Public Relations	Mass Communication	18 Feb, 2022	32

	29	Lecture on The Politics of Voice: The Struggle for Just and Equitable Representation in Media	Mass Communication	26 Feb, 2022	35	
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf						
3.3.3	Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year					
Q_nM	3.3.3.1: Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year					
	Year	2021-22				
	Number	30				
	Sl No	National/ International	Name of the teacher awarded the fellowship	Name of the Award	Year of Award	Awarding Agency
	1	National	Dr. S. Jeevanandam	Best Paper Award (Caldwell Award) in the International Conference on Dravidak Karuththiyal (Online	2021-22	Department of Tamil and Dravida Iyakka Ayvu Maiyam, Chikkaiah Naicker College, Erode, Tamil Nadu, India. September 16, 2021.
	2	International	Prof Nawal K. Paswan	Editorial Board Member	2021-22	Himalayan and Central Asian Studies, Journal of Himalayan Research and Cultural

						Foundation, New Delhi.
3	International	Prof Nawal K. Paswan	International Editorial Advisory Board member	2021-22		Scientific Quarterly Journal of Political Legal Approach
4	International	Prof Nawal K. Paswan	Editorial Advisory Board member	2021-22		Business Analyst: A Refereed Journal of Sri Ram College of Commerce, Delhi University (ISSN:0973-211X)
5	International	Prof Nawal K. Paswan	International Advisory Board member	2021-22		Social Inquire: Journal of Social Sciences Research, Tribhuvan University, Kathmandu, Nepal (ISSN: 2705-4853/ e-ISSN: 2705-4861)
6	International	Prof Nawal K. Paswan	Advisory Board member	2021-22		Journal of Political Science, Vidyasagar University, Midnapur, West Bengal (ISSN:0972-8791)
7	International	Charisma K. Lepcha	Visiting Scholar	2021-22		Harvard-Yenching Institute, Cambridge, MA
8	International	Dr. Uttam Lal	IUC-UGC Associateship	2021-22		IIAS, Shimla for October 2021
9	International	Dr. Saurabh Maheshwari	Post-doctoral fellowship	2021-22		Ministry of Education, China
10	International	Dr. Abrona Lee Pandi Aden	ICM Global South Translation Fellowship	2021-22		Cornell University

11	International	Dr. Saswati Saha	IATIS Solidarity and Scientific Excellence Bursary	2021-22	International Association for Translation and Cultural Studies by the Organizing Committee for the 7 th International IATIS conference 2021 in Barcelona, Spain
12	National	Dr. Pradip Tripathi	Hindi Pragya Samman- 2021	2021-22	Vishwa Hindi Sahitya Parishad (India, America, England&Mauritius), 14 Sept-2021
13	National	Dr. Pradip Tripathi	UtkrishtaShikshakSamman- 2021	2021-22	Sahitya 24, New Delhi, 05 Sept 2021
14	National	Dr. Pradip Tripathi	Acharya Mahavir Prasad Dwivedi Samman	2021-22	SahityikSanskritik Kala Sangam Academy, UP, 27 March, 2022
15	National	Kabita Lama	Felicitated	2021-22	Sikkim Akademi on the Lectures series of Padam Singh Subba organised by Sikkim Akademi on 11 September 2021
16	National	Dr. Sujata Upadhyay	Teacher of the Year Award- North East Category	2021-22	Academisthan Foundation, Mumbai on 6 th September, 2021
17	National	Dr. Sujata Upadhyay	Venus International Women Awards (VIWA 2022) "Outstanding Woman	2021-22	Venus International Foundation, Chennai on 5 th March, 2022

			Researcher in Horticulture”		
18	National	Dr. Bhoj Kumar Acharya	Nominated as Member	2021-22	Sikkim State Biodiversity Board by the Government of Sikkim
19	National	Dr. Bhoj Kumar Acharya	Nominated as Member	2021-22	National Coordination Committee for Transboundary Landscape Initiatives in the Indian Himalayan Region (IHR), Ministry of Environment, Forests and Climate Change, Government of India
20	International	Dr Bisu Singh	Best Oral present award	2021-22	Joint meeting of the Indian Histocompatibility and Immunogenetics (ISHI) and Asia Pacific Histocompatibility and Immunogenetics Association (APHIA)” held Online 17 to 20 Nov, 2021
21	International	Partha Pratim Ray	Top 2% Scientist	2021-22	Stanford University Database in 2021
22	National		Selected Member	2021-22	Sectoral Working Group related to

			Anil Kumar Misra			“Himalayan Ecosystem” for preparation of India’s Adaptation Communication to United Nations Framework Convention on Climate Change (UNFCCC). Climate Change Program (CCP) Division, DST, Ministry of Science and Technology, Government of India.
23	National	Dr. Krishna Murari	Best Publication of the Year Award 2020	2021-22	Sikkim University	
24	National	Dr. Shri Ram	Excellence in Academic Library	2021-22	Excellence in Academic Library Award for the Year 2021	
25	National	Sabnam Bhujel	Award by National Fellowship for OBC	2021-22	GoI	
26	National	Mr. Bijendra Shama	Awarded Junior Research Fellowship from UGC in December 2021	2021-22	UGC	
27	National	Bibek Kumar Singh	DST Inspire Fellowship	2021-22	DST Inspire Fellowship	
28	National	PritamChet ri	CCRT Scholarship	2021-22	CCRT Scholarship	

	29	Nationa 1	Jaba Barman	CCRT Scholarship	2021-22	CCRT Scholarship
	30	Nationa 1	PritamMinj	CCRT Scholarship	2021-22	CCRT Scholarship
<p>https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf</p>						

Key Indicators - 3.4 Research Publications and Awards

Metric No.				
3.4.1 Q_nM	<p>The institution ensures implementation of its stated Code of Ethics for research</p> <p>3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:</p> <ul style="list-style-type: none"> • Inclusion of research ethics in the research methodology course work • Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) • Plagiarism check • Research Advisory Committee <p>Options:</p> <p>D. All of the above</p>			
3.4.2 Q_nM	<p>The institution provides incentives to teachers who receive state, national and international recognitions/awards</p> <ol style="list-style-type: none"> 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website <p>Options:</p> <p>E. None of the above</p>			
3.4.3 Q_nM	<p>Number of Patents published/awarded during the year</p> <p>3.4.3.1: Total number of Patents published/awarded during the year</p> <table border="1" data-bbox="331 1944 751 2000"> <tr> <td data-bbox="331 1944 533 2000">Year</td> <td data-bbox="533 1944 751 2000">2021-22</td> </tr> </table>		Year	2021-22
Year	2021-22			

	Number	N.A.					
3.4.4	Number of Ph.Ds awarded during the year						
Q_nM	3.4.4.1: How many Ph.Ds are awarded during the year						
	Year	2021-22					
	Number	38					
	3.4.4.2: Number of teachers recognized as guides during the year						
	Year	2021-22					
	Number	127					
3.4.5	Number of research papers in the Journals notified on UGC website during the year						
Q_nM							
	Year	2021-22					
	Number	196					
	Sl No	Title	Author	Department	Journal Name	Year	ISSN
	1	Farmers' Suicides in India.	Guha P. and Das, T.	Economics	Economic and Political Weekly	2021-22	0012-9976
	2	Analysis of Financial Performances and Environmental Sustainability of Coldwater Inland Fisheries in Sikkim Himalaya.	Chettri, K.B., Kundu, R	Economics	Indian Journal of Ecology.	2021-22	0304-5250
	3	Extramarital Affairs in Sikkim and their Causes: A Study with	Kundu, R., Chettri, K.B. &	Economics	Indian International Journal	2021-22	2394-0913

		Emphasis on the Difference Between the Sexes.	Mallik, G.(2021).		of Management and Humanities, 8(6), 19-26.		
4	Can Bhutan hydro-power model be replicated in north-east India?	Singha, K., Guha, P. and Singh, E. H. (2021).	Economics	International Journal of Economics and Accounting, 10(4), 467-491	2021-22	P-2041-868X E-2041-8698	
5	Structure and pattern of migration in north-east India: Some insights from two census data	Singha, K. and Firdos, S. (2021).	Economics	Artha Vijnana, 63(4): 375-397	2021-22	P-0971-586X	
6	Urban water policy in the eastern Himalayan state of Sikkim: An assessment.	Sherpa, L. D. and Singha, K. (2021).	Economics	Urban India, 41(1), 113-131.	2021-22	P: 0970-9045	
7	What role has structural change played in growth accelerations for the Indian States? An Analysis for Pre- and Post-	Kathuria, V. and Raj, R.S.N. (2022).	Economics	South Asia Economic Journal, 23(1): 61-85.	2021-22	1391-5614	

		Liberalisation Periods,					
8	The gender productivity gap: Evidence from the Indian informal sector,	Gang, Ira N., Raj, Rajesh S. N., Sen, Kunal and Yun, Myeong- Su (2021).	Economi cs	WIDER Working Paper, No. 2021/18 3, ISBN 978-92- 9267- 123-5, The United Nations Universit y World Institute for Develop ment Economi cs Research (UNU- WIDER), Helsinki, https:// doi.org/1 0.35188 /UNU- WIDER/ 2021/12 3-5	2021- 22	978- 92- 9267- 123-5	
9	Factors Influencing Efficiency of organic Rice	Choubey , M & Mohap atra, R. (2021).	Economi cs	Indian Journal of Agricultu ral	2021- 22	097490 71	

		Production in Sikkim.			Development and Policy, 31(1), 65-74.		
10	An analysis of determinant factors of in Agricultural trade between India and ASEAN.	Pandey Pranesh and Choubey , Manesh (2021).	Economics	Indian Journal of Economics and Development, 17(1), 35-42.	2021-22	2277-5412	
11	Integrating Farmer Producer Organisations in Sikkim Organic Mission: Opportunities, Challenges and Policy Measures.	Gurung Rajiv and Choubey Manesh (2021).	Economics	South Asian Journal of Social Studies and Economics, 9(1): 39-49.	2021-22	2581-821X	
12	Growth and Instability Analysis of Large cardamom production in Sikkim.	Gurung Rajiv and Choubey , Manesh (2021).	Economics	Indian Journal of Hill Farming, Special Issue, 34, 17-21	2021-22	0970-6429	
13	Tiruanjaikkalam: The Westernmost Extremity of the Tamil Saivite sacred Geography	Jeevandanam, S and M.N. Rajesh (2021).	History	Malayalam Research Journal 14(1), 5105-5114	2021-22	0974-1984	

14	Madham Enra Niruvanam Kuriththu Suyamariyathai Iyakkaththinarin Parvai (Self-Respect Movement and their Perception on Religion). (in Tamil).	Jeevandanam, S. (2022).	History	New Centuryin Ungal Noolagam, 13(9), 65-68.	2021-22	2394-7535
15	Suyamariyathai Iyakkam Munvaihtha Penniyach Chinthanaikal-Oru Varalarrup Parvai (Feminist Ideologies of the Self-Respect Movement – A Historical Study). (in Tamil).	Jeevandanam, S. (2022).	History	International Research Journal of Tamil, 4(1). (2022), 1-11.	2021-22	2582-1113
16	Devadasi Murai Ozhippum, Suyamariyathai Iyakkaththin Pankum: - Or Varalarrup Parvai (The Role of the Self-Respect Movement in the Abolition of the Devadasi System – A Historical Study). (in Tamil).	Jeevandanam, S. (2021).	History	New Centuryin Ungal Noolagam, 13(9), 62-67.	2021-22	2394-7535
17	Russia-Ukraine Conflict: Issues and Implications	Sebastian N, (2022).	International Relations	NCC Review,	2021-22	0975-1882

		for Regional and Global Politics.			CXLII(3), 762-773.		
18	Assessing the Future of Indo-Nigeria Relations - A Victory or a Doom?	N.Koirem ba Singh (2022).	International Relations	The GNLU Journal of Law, Development and Politics, 11(1), 196-229	2021-22	0975-0193	
19	Ethical Duty of a Lawyer to Defend His Client in a Criminal Case: Issues and Challenges in India.	Mishra, Praveen & Tiwari, V.P (2021).	Law	Asian Journal of Legal Education, 1-10	2021-22	2322-0058	
20	Sri Aurobindo Ghose: A reflection of his philosophical and political aspects.	Lama, Budh B. (2021).	Political Science	Kala Sarovar, 24(2) (E), 76-86.	2021-22	0975-4520	
21	Gram Panchayats in India: Historical Evolution.	Lama, Budh B. (2021).	Political Science	SAMBO DHI, 44(1), 88-113.	2021-22	2249-6661	
22	Assessing Empowerment of Women in Sikkim: Milestones and Challenges.	Thapa, Sandhya (2021).	Sociology	New Horizons XVIII, 27-41	2021-22	2277-5218	
23	Increasing incidences of Dengue in Sikkim, India.	Dahal, D.R., Khawas, V., &	Peace And Conflict Studies And	PANDA. 13 (4), 68-74.	2021-22	2320-3943	

			Chettri, S.(2021).	Management			
24	Groundwater Arsenic Contamination in the Bengal Delta Plainis an Important Public Health Issue – A Review.	Sen, J., Bogin, B., Mondal, N., Dey, S. & Roy. S. (2021).	Anthropology	Human Biology and Public Health-Journal of the Axiologic al Society, (1), 1-31.	2021-22	2748-9957	
25	Household Level Double Burden of Malnutrition in Low to Middle Income Countries: A review..	Bose, A., Mondal, N. & Sen, J. (2021).	Anthropology	Journal of Indian Anthropological Survey, 70(2), 1-16	2021-22	2277-436X	
26	Validating mid-upper arm circumference (MUAC) cut off points as an indicator of nutritional status among nine tribal populations of India.	Kshatriya, G.K., Chakraborty, R., Mondal, N. & Bose, K. (2021).	Anthropology	Anthropological Review; The Journal of Polish Anthropological Society, 84(3), 301-315.	2021-22	2083-4594	
27	COVID-19 Riddle Exacerbating Gender (in) equalities. Antrocom	Das, S., Saha, S., Mondal, N. & Ray, A.K. (2021).	Anthropology	Journal of Anthropology, 17(2), 197-205.	2021-22	1973 – 2880	

28	Prevalence of menopausal symptoms among rural Bengali women of North Bengal, India.	Sarkar, M. & Mondal, N. (2021).	Anthropology	Antrocom Journal of Anthropology, 17(2), 161-168.	2021-22	1973 – 2880
29	Small-Scale Tea Economy and Arsla Organic Tea–A Grassroots Initiative of Khasi Tribes of Meghalaya, North-East India.	Hannan, A. & Mondal, N. (2021).	Anthropology	Antrocom Journal of Anthropology, 17(2), 55-64.	2021-22	1973 – 2880
30	Association of Age at Marriage, Early childbearing, Use of contraceptive Methods and Reproductive Health Consequences among Mishing tribal women of Assam, Northeast India.	Bharali, N. & Mondal, N. (2021).	Anthropology	The Online Journal of Health and Allied Sciences, 20(3), 2.	2021-22	0972-5997
31	Determination of sex from hand dimension among indigenous Rajbanshi of North Bengal.	Roy, S., Ganguly, P., Mondal, N. & Sen, J. 2021.	Anthropology	Online Journal of Health and Allied Sciences, 20(3), 7.	2021-22	972-5997
32	A comparative study on knowledge, awareness and	Roy, S., Mondal, N., Sen, J. &	Anthropology	Online Journal of Health and	2021-22	0972-5997

		attitudes related to HIV/AIDS between urban and rural women belonging to an ethnic population of India.	Chatterjee, M. (2021).		Allied Sciences, 20(3),4.		
	33	Anthropometric Characteristics of Rural Bengali Adolescence Girls from North Bengal, India.	Sinha, I., Roy, N., Mondal, N. & Sen, J. (2021).	Anthropology	Antrocom Journal of Anthropology, 17(1), 155-167.	2021-22	1973 – 2880
	34	Phase partitioning effects in seasonal compositions and distributions of terrigenous Polycyclic Aromatic Hydrocarbons along the South China Sea and East China Sea.	Wang, C., Thakuri, B., Roy, A.K., Mondal, N. & Chakraborty, A. (2022).	Anthropology	STOTEN: Science of the Total Environment-Journal, 828, 154430.	2021-22	0048-9697
	35	MayellYangEmbo died: “Tradition” and Contemporary Lepcha Textiles. HIMALAYA	Faulkner, S. & Ramamohan, K.R. (2021).	Anthropology	, The Journal of the Association of Nepal Studies, 40(2), 97-107.	2021-22	1935-2212
	36	Parental socioeconomic conditions and prevalence of	Singh, M.S. & Chhetri,	Anthropology	Antrocom Online Journal of	2021-22	1973 – 2880

		overweight among Nepali adolescent girls of Sikkim, Northeast India.	D.D. (2021).		Anthropology, 17(2), 343-350		
37		Nutritional status and parental socio-economic conditions among the adolescent boys and girls of Sombaria village of West Sikkim, Northeast India.	Gogoi, P. & Singh, M.S. (2021).	Anthropology	Anthrocom Online Journal of Anthropology, 17(2), 165-172.	2021-22	1973 – 2880
38		Antenatal Care Services Utilization among Ever-married Women of Sumbuk Village in Sikkim.	Haokip, J.V., & Rai, R. (2021).	Anthropology	South Asian Anthropologists 21(2), 165-170	2021-22	0257-7348
39		Structure and pattern of migration in north-east India: Some insights from two census data.	Singha, K. and Firdos, S. (2021).	Geography	Artha Vijnana, 63(4), 375-397	2021-22	0971-586X
40		Small-Scale Tea Economy and Arsla Organic Tea Cooperative: A Grassroot Initiative of Khasi Tribes of Meghalaya, North-East India.	Hannan, A.& Mondal, N. (2021).	Geography	Anthrocon J. of Anthropology, 17(2), 55-64.	2021-22	1973-2880
41		Plight of Small Tea Growers in India.	Hannan, A. (2021).	Geography	Third Concept,	2021-22	0970-7247

					35 (416), 34-37		
	42	COVID-19, Migrant Workforce and Regional Health Infrastructure in North Bengal.	Hannan, A.& Hossain, F. (2021).	Geography	Journal of Social Change and Development, XVIII (1&2), 103-116.	2021-22	0975-4016
	43	Disparities in Accessing Household Drinking Water in Himalayan City Darjeeling, West Bengal.	Ghatani, S. and Singh, E.I. (2022).	Geography	Indian Journal of Spatial Science. Vol 13 (1) 88-95	2021-22	2249-3921
	44	Assessing the impacts of Amphan cyclone over West Bengal, India: a multi-sensor approach.	Kumar, R., Rani, S.& Maharana, P. (2021).	Geography	Environmental Monitoring and Assessment 193, 283.	2021-22	0167-6369
	45	Assessing the spatial distribution of aerosols and air quality over the Ganga River basin during COVID-19 lockdown phase-1.	Rani, S., Kumar, R., Acharya, P., Maharana, P. & Singh, R.K. (2021).	Geography	Remote Sensing Applications: Society and Environment 23, 100546.	2021-22	2352-9385
	46	Glacial Lake Outburst Flood (GLOF) Hazard	Mukhtar, M.A., Kumar,	Geography	Indian Journal of	2021-22	2229-3574

		Assessment of Gepang Gath Pro-Glacial Lake Located in Chandra Basin, Western Himalaya, India.	R.& Majeed, Z. (2021).		Geosciences, 75(2), 126-136.		
47		Catastrophic ice-debris flow in the Rishiganga River, Chamoli, Uttarakhand (India).	Pandey, V.K., Kumar, R., Singh, R., Kumar, R., Rai, S.C., Singh, R.P., Soni, V.K., Ali, S.N., Tamang, D.& Latief, S.U. (2022).	Geography	Geomatics, Natural Hazards and Risk, 13(1), 289-309.	2021-22	1947-5705
48		Diagnostic of the massive flood event and flood hazard mapping in Tons River basin.	Maharana, P., Kumar, D., Kumar, R., Singh, R., & Dimri, A.P. (2022).	Geography	Theoretical and Applied Climatology, 148, 1459-1476.	2021-22	0177-798X

49	Spatial distribution of aerosol optical depth over India during COVID-19 lockdown phase-1.	Rani, S. & Kumar, R. (2022).	Geography	Spatial Information Research	2021-22	2366-3286
50	Mineralogical Variation of Channel sediments and Glacio-Fluvial activities from Changme Basin to Sevoke-along Teesta River in Sikkim.	Singh, A., Rani A., Ranjan, R.K & Lal, U. (2021).	Geography	The Deccan Geographer. Vol. 59, No.1 & 2, 68-80	2021-22	0011-7269
51	Glacial deposits from Changme Khangpu glaciers in Sikkim Himalaya, India and their mineralogical characterization.	Singh, A., Ranjan, R.K., Tewari, V.C, Lal, U. & Badekar, A.G. (2021).	Geography	Himalayan Geology. Vol.42(2), 312-320	2021-22	0971-8966
52	Snow Cover Area Changes in the Changme Khangpu Basin during 2002-2019, North Sikkim Himalaya, India.	Singh, A., Ranjan, R.K, & Lal, U. (2021).	Geography	Journal of Climate Change, Vol.7 No.2, 27-34	2021-22	2395-7611
53	Geopolitical Imperatives in the Eastern Himalayas:	Saha, Biswanath and Chakraborty,	Geography	Millennial Asia (Sage), Vol. 12, No. 1,	2021-22	0976-3996

		Situating the Hills of Darjeeling,	Gorky (2021).		pp. 76-96		
54	The influence of physical health factors on emotional reactions among older adults of the Thai-Ahom community of Assam, India.	Gogoi, T., & Panda, S. (2022).	Psychology	Journal of Xi'an University of Architecture & Technology, 14(4), 241-249.	2021-22	1006-7930 (Online)	
55	Does memory bias help in maintaining self-esteem? Exploring the role of self-verification motive in memory bias. J	Maheshwari, S., Kurmi, R., & Roy, S. (2021).	Psychology	Journal of Cognitive Psychology, 33(5), 549-556.	2021-22	2044-5911	
56	Do our eyes mirror our thought patterns? A study on the influence of convergent and divergent thinking on eye movement.	Maheshwari, S., Tuladhar, V., Thargay, T., Sarmah, P., Palaskshi S. & Rai, K. (2022).	Psychology	Psychological Research, 86, 747-756.	2021-22	0340-0727	
57	Helping heart: Exploring the determinants of helping behavior in the time of social distancing.	Rai, K. & Maheshwari, S. (2021).	Psychology	Journal of Human Behavior in the Social Environ	2021-22	1091-1359	

					ment, 31(1-4), 119-133.		
58	The Political Rhetoric of Socialism with Chinese Characteristics: A Confucian Prototype or a Capitalist Archetype?	Roy, Dhriti (May 2021).	Chinese	The Calcutta Journal of Global Affairs. 5 (2): 178-198.	2021-22	2582-2241	
59	Theorizing the Concept, Context and Content of Gentry Buddhism in Pre-modern China: An Historical Investigation.	Roy, Dhriti (November 2021).	Chinese	Dharma doot-Kartik Purnima [Published since 1935]2565 B.E. (87): 42-53.	2021-22	2347-3428	
60	Buddhism in Tang China: An Alternative to Gender Stereotypes, Feudal Mindset, And Confucian Patriarchal Tendencies.	Roy, Dhriti (December 2021).	Chinese	The Maha Bodhi 2565 B.E. (129): 70-80	2021-22	0025-0406	
61	Behind the Fault Line: A Critique of President Xi Jinping's Grand Strategy of Ideological Control	Roy, Dhriti (January 2022).	Chinese	he Calcutta Journal of Global Affairs. 6	2021-22	2582-2241	

		Amidst his Patriotic Call to Arms. T			(1): 87-106		
62	Sikkim for Sikkimese: The Woman Question	Chamling, Rosy. (2021).	English	Summer hill: IAS Review, Vol. XXVII, No. 2, pp. 68-74.	2021-22	0972-1452	
63	“Problematising Tribality: A Critical Engagement with Hansda Sowvendra Shekhar’s The Adivasi Will Not Dance: Stories	Ekka, Francis, and Chamling, Rosy. (2021).	English	Rupkatha Journal on Interdisciplinary Studies in Humanities, Vol. 13, No. 4, pp 1-8.	2021-22	0975-2935	
64	Rethinking Boundaries: Indian-Nepali Feminist Writing and Third World	Chamling, Rosy. (2021).	English	Literary Voice. Vol. 1 No. 13, pp 156-160.	2021-22	2277-4521	
65	“Writing, As a Means of Survival and Growth: A Study of Sublimation of Trauma in the Works of Maya Angelou”.	Shrestha, Manisha, and Chamling, Rosy. (2021).	English	Cogito: Multidisciplinary Research Journal, Vol. XIII, No. 3, pp 188-201.	2021-22	2068-6706	

66	Multicultural Perspectives: Study of the Female Characters in the Select Raj Novels.	Chettri, B. and Tripathi, D. (2021).	English	Cogito: Multidisciplinary Research Journal, XIII (1) 84-97.	2021-22	2068-6706
67	Envisioning Multiculturalism in Lakshmi Raj Sharma's The Tailor's Needle.	Chettri, B. and Tripathi, D. (2021).	English	Literary Voice, 1(13) 138-142.	2021-22	2277-4521
68	Ratan hari ka Ram Rahasya,	Singh, Hardeep(2021),	Hindi	Vishva Bharti Patrika, Volume 79, Year 2021,	2021-22	2348-4977
69),Pitrisatta ko Chunautidetiatam katha:	Singh, Hardeep (2021)	Hindi	Rasidi Ticket, Issue no 123, Year 2021, Pages 125-130	2021-22	, 0435-1460
70	SiMahavir Prasad Dwivedi kiAnuvadKala	ngh, Hardeep(2021),	Hindi	,HindustantiTrai masik, Volume 82/04, Year 2021, Pages 114-117	2021-22	0378-391X
71	Sant DaduDayalki Vani Mein Samajik Chetna Ka Swarup.	Shahu, Dinesh, (2021).	Hindi	Hindi Anusheel an63(2), 379-387	2021-22	2249-930X

72	Chhayavadi Kavya Mein Rahasyatmka.	Shahu, Dinesh, (2021).	Hindi	<i>Apni Maati.</i> 37 01-10.	2021-22	2322-0724
73	Hindi ke 'paratiparikatha' aurasamiyake 'kopilipariya sadhu' upanyasmein chitr itgraminjeevan ka tulanatmakanush eelan.	Shahu, Dinesh, (2022).	Hindi	Dwibhas hi Rashtra Sewak. 1 4(12)36-43	2021-22	2321-4945
74	katha kahne ka niraala andaz..	Bhutia, C hukey. (2022)	Hindi	soch vichar 13, (8) 50-54.	2021-22	2319-4375
75	naishikshanitieva msikkim ka Bhashikparidrishy	Bhutia, C hukey. (2021).	Hindi	Bhasha, 60 (294), 179-182	2021-22	0523-1418
76	Swadhinata Ke Bad Ki Hindi Kahani :	Tripathi, P. (Nov-Feb 2022).	Hindi	Parampara evm Prakriti. <i>Gagnanch al.</i> 104-110.	2021-22	0971-1430
77	Vyawaharik Aloचना Ke Vikas mein Kalpna Patrika Ka Yogdan.	Tripathi, P. (Jan-March 2022).	Hindi	<i>Apni Maati.</i> 01-10.	2021-22	2322-0724
78	Genetic diversity in rice (<i>Oryza sativa</i> L.) landraces of Sikkim- Himalaya and early insight into their use in genome-wide	Chettri D, Anandan A, Nagireddy RK, Sabarina than S, Sathyan	Botany	Plant Genetic Resources: Characterization and Utilization 1-10.	2021-22	1479-2621 (Print), 1479-263X (Online)

		association analysis.	arayana N (2021).				
79	Traditional rice landraces and Indigenous knowledge associated with the rice cultivation in Sikkim Himalaya: An analysis based on local farming practices. Indian	Chettri, D and Sathyan arayana, N (2021)	Botany	Journal of Hill farming. Vol 34 (1) 1-15	2021-22	ISSN 0970-6429	
80	Variability for Seed-based Economic Traits and Genetic Diversity Analysis in <i>Mucuna pruriens</i> Population of Northeast India.	Lepcha, P and Sathyan arayana, N. (2021)	Botany	Agric Res 1-11.	2021-22	224972 0X, 224972 18	
81	. Variable seed germination and seedling growth responses of <i>Hippophae rhamnoides</i> and <i>H. salicifolia</i> to cadmium..	Negi, T., Sharma, S.S. 2021	Botany	The Journal of the Indian Botanical Society 101 (4): 302-311	2021-22	0019-4468	
82	A comparable stimulation of seed germination by gibberellic acid and sodium nitroprusside in <i>Hyoscyamus niger</i> L., a threatened	Sharma, A., Sharma, R.K., Sharma, S.S. 2021.	Botany	Journal of Indian Botanical Society 101 (3): 194-203.	2021-22	0019-4468	

		medicinal herb, from Spiti (Himachal Pradesh).					
83	Red Panda (<i>Ailurus fulgens</i>) on the verge of extinction.	Roka, B. & Chhetri, D. R. (2021).	Botany	Ecol. Env. & Cons. 27 (4): 389-393.	2021-22	0971-765X	
84	A study on plant preferences of red panda (<i>Ailurus fulgens</i>) in the wild habitat: foundation for the conservation of the species.	Roka, B., Jha, A. K. & Chhetri, D. R. (2021).	Botany	Acta Biologica Serbica,.	2021-22	2412-1908	
85	Exploring endophytes for in vitro synthesis of bioactive compounds similar to metabolites produced in vivo by host plants.	Sharma, H., Rai, A.K., Divakar D., Chhetri, R & Singh, P. S. (2021).	Botany	AIMS Microbiology 7,(2) 175–199.	2021-22	2471-1888	
86	Bioactivities of <i>Penicillium citrinum</i> isolated from a medicinal plant <i>Swertia chirayita</i> .	Sharma, H., Rai, A.K., Chhetri, R & Singh, P. S. (2021).	Botany	Archives of Microbiology 203,5 173–5182.	2021-22	0302-8933	
87	Application of biological systems and processes	Divakar D., Sharma,	Botany	AIMS Microbiol	2021-22	2471-1888	

		employing microbes and algae to Reduce, Recycle, Reuse (3Rs) for the sustainability of circular bioeconomy.	H., Rai, A.K., & Singh, P. S. (2022).		ogy 8,(1) 83-102.		
	88	Urban sacred grove forests are potential carbon stores: A case study from Sikkim Himalaya.	Devi, N. B., N T Lepcha, SS Mahalik, D Dutta, B L Tsanglao (2021).	Botany	Environmental Challenges 4:100072	2021-22	2667-0100
	89	Agroforestry land suitability analysis in the Eastern Indian Himalayan region.	Nath AJ, R Kumar, NB Devi, R Pebam, K Giri, UK Sahoo, RK Bajpai, N Sahu, R Pandey (2021)	Botany	Environmental Challenges 4:100199.	2021-22	2667-0100
	90	Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses in Northeast India.	Sahoo UK, OP Tripathi, AJ Nath, S Deb, A Gupta, N B Devi, SS	Botany	Frontiers in Environmental Science 9:436	2021-22	2296665X

			Chaturvedi, S L singh, A Kumar, B K Tiwari (2021)				
91	Satellite based integrated approaches to modelling spatial carbon stock and carbon sequestration potential of different land uses of Northeast	Bordoloi R, B Das, OP Tripathi, UK Sahoo, AJ Nath, S Deb, A Gupta, NB Devi, SS Chaturvedi, BK Tiwari, A Paul, L Tajo (2021)	Botany	India. Environ. Sustain. Indic. 13:1001 66.	2021- 22	2665- 9727	
92	Understanding rice growth- promoting potential of Enterobacter spp. isolated from long- term organic farming soil in India through a supervised learning approach.	Panneers elvam P, Senapati A, Sharma L, et.al. 2021.	Horticult ure	Current Research in Microbial Sciences, 2:	2021- 22	Print: 0975- 1130 Online: 2249- 3239	

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186	Do psychological social and financial perceptions of postretirement life and demography influence the retirement planning behaviour?.	Murari, K.; Shukla, S.; Adhikari, B. (2021).	Management	International Journal of Social Economics, Vol. 48 (11), 1545-1566.	2021-22	ISSN: 0306-8293	
187	Why SMEs adopt CSR practices? A study on the core reasons for engagement, Shodh Sarita: An International Bilingual Peer Reviewed Refereed	Kumar, P.; Rose, A.; Bhatt, V.; Murari, K. (2021).	Management	Research Journal, Vol. 8 (29), 14-19.	2021-22	ISSN: 2348-2397	
188	Decoding the Elements of Human Rights from the Verses of Ancient Védic Literature and Dharmasāstras.	Kumar, S., & Choudhury, S. (2021).	Management	Literature, Vol. 1 (1), 24-40.	2021-22	1360-1385	
189	Probable Difficulties Confronted By Customers: With	Rai, R., Sharma N.D., Jha A.,	Management	Psychology and Education	2021-22	11553-6939	

		Reference To Renewable Energy.	Pradhan B.B (2021).		Journal, Vol. 58(3), 3584-3595.		
190		Effect of gender and prior exposure to family business on entrepreneurial intentions: Empirical evidences from India.	Shukla, S., Kumar, R., & Kaushal, S. K. (2021).	Management	Journal of Asia Entrepreneurship and Sustainability, 17 (7), 51-72.	2021-22	1177-4541
191		Communication through traditional rituals: A study of 'Pang Lhabsol' as a medium for socio-religious parley.	Chattopadhyay, A., & Das, M.K. (2021).	Mass Communication	Communicator, LVI (2), 72-80	2021-22	1360-1385
192		-	Das, M.K., & Roy, B. (2021).	Mass Communication	Communication Today, 25 (1), 166-175	2021-22	ISSN 0975-217X
193		Othering of Anarchist Heroes in Hindi Crime Genre Web Series in India	Rai, S., & Basnett, P. (2021).	Mass Communication	. Journal of The Oriental Institute, 71(1), 157-166.	2021-22	0030 - 5324
194		An Assessment of Covid-19 and Revival Strategies for Tourism: A	Dubey, A. & Wangmo,	Tourism	Journal of Applied Hospitality	2021-22	0975-4954

		Study of Sikkim. Indian	A.P.(2022).		& Tourism Research 14 33-44		
195		Repurchase behaviour and the factors affecting tourist satisfaction.	Rani, R., & Singh, A. K. (2021).	Tourism	Sodh Sanchar Bulletin, Vol-11(41), 70-75	2021-22	2229-3620
196		Guest motives towards selecting Homestay in Sikkim: A Conceptual Study.	Sharma, S.K., Rizal, P. & Singh, A. K. (2022).	Tourism	Indian Journal of Applied Hospitality & Tourism Research , Vol-14, 45-51	2021-22	0975-4954
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf							

3.4.6 Number of books and chapters in edited volumes published during the year

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3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

Year		2021-22				
Number		105				
Sl No	Name of the teacher	Department	Title of the book published	Name of the publisher	National / International	ISBN/ ISSN
1	Komol Raj, R.S.N. & Singha, K.	Economics	The Routledge Handbook of Post-Reform Indian Economy..	New York: Routledge	International	-
2	Singha, K. & Raj, R.S.N. (2021).	Economics	The Dynamics of Economic Growth in India's North Eastern Region in the pre and post Reform Periods. In R.S.N. Raj & K. Singh (Eds.), The Routledge Handbook of Post-Reform Indian Economy (pp. 481-497)..	New York: Routledge	International	-

	3	Mohapatra, Rangalal & Deori, Utpaljit	Economics	Rural-out Migration and its Impact on Agriculture in Assam. In T. Saikia & S.K Sharma (Eds). Reimagining Northeast India in 21st Century (pp.164-183).	H.P.B Girls college, Golaghat, Assam.	National	-
	4	Choubey, Manesh	Economics	Water consumption pattern across social categories in rural and urban region of Eastern Himalayas: A study of Kalimpong district of West Bengal. In Neeli KC Lepcha (Ed.),	Contemporary issues in rural and urban development: Darjeeling and Sikkim Himalays.	National	-
	5	S, Jeevanandam (with Rekha Pande and Sita Vanka).	History	Gender and Globalisation.	Jaipur: Rawat Publications, 2021.	National	ISBN No. 978-81-316-1163-0

	6	Dr. S. Jeevanandam	History	Jeevanandam, S. (2021). Bhakti Movement in Early Medieval South India – A Historiographical Study. In K. Mavali Rajan and V. Palanichamy (Eds.), Land and Society in Medieval South India: Perspective on Socio-economic and Cultural Traditions (pp. 345-356).	Delhi: Kalpaz Publications.	National	-
	7	Dr Anira P Lepcha	History	Lepcha, A. P (2021). Tikalal Niraula: An Eminent Personality from Sikkim. In Bajpai Maitra Lopamudra (Eds.), The Owl Delivered and the Good News	New Delhi: Aleph Book Company.	National	-

				All Night Long (pp.551-354).			
	8	Dr. N. Koiremba Singh	History	N. Koiremba Singh (2022). Illicit Drug Trafficking and Dumping of Chinese Goods in India via Myanmar: A Case Study of Manipur. In Anshuman Behera, Sitakanta Mishra (Eds), Varying Dimensions of India's National Security Emerging Perspectives (pp.121-136).	Singapore: Springer Nature.	International	-
	9	Gadde Omprasad	Political Science	Gadde, Omprasad (2021). India's Act East Policy through the North East:	New Delhi: ICWA & KW Publishers Pvt Ltd.	National	-

				Engaging Myanmar with Cross-Border Electricity Trade. In S. Mallempati (Ed.), Enhancing India-Myanmar Ties: The Way Ahead (pp. 80-93).			
10	Binod Bhattarai	Sociology	Bhattarai, B. (2021). The Contemporary Process of Economic Development , State Power and Lepcha Resistance in Sikkim: A Macro View In C.K Sharma & R. Banerjee (Eds.) Fixed Borders, Fluid Boundaries Identity, Resources and Mobility in Northeast India (pp. 1-24)..	New Delhi: Routledge	National	-	

	11	Binod Bhattarai	Sociology	Bhattarai, B. (2021). Suicide: A Daunting Challenge before the State of Sikkim. In Lepcha, C. K. & Lall, U (Eds.) Communities, Institutions and Histories of India's Northeast (pp. 12-24)..	New Delhi: Routledge	International	-
	12	Sandhya Thapa	Sociology	Khandakar, A & Thapa, Sandhya (2022). Social Exclusion of Char Inhabitants in Assam: Understanding the interplay of Culture, Identity and Geography, In C. K. Lepcha & Uttam Lall (Eds.), Communities	New Delhi: Manohar Publication	National	

				s, Institutions and Histories of India's Northeast (pp. 149- 162).			
13	Dr. Salvin Paul	Peace & Conflic t Stu die s and Manag ement	Paul, S & Rai, M. (2021). Migration and Refugees in South Asia. In Adluri Subramanya m Raju. (Ed). Bilateral and Multilateral Cooperation in South Asia..	London: Routledge	Internati onal	-	
14	Dr. Salvin Paul	Peace & Conflic t Stu die s and Manag ement	Paul, S & Rai, M. (2021). Religion and Gender Inequality in India. In Medani P. Bhandari and Shvindina Hanna (Eds). Social Inequality as a Global	Denmark: River Publishers	Internati onal	-	

				Challenge(pp .55-70).			
15	Sanghamitra Choudhury	Peace & Conflict Studies and Management	Sharma, K. (2022).The Trajectory from DGHC to GTA: A Fragile Administrative Autonomy in Darjeeling. In M. Amerjeet Singh (Ed)Autonomy and Democratic Governance in North East India, (Co-authored by Kabindra Sharma, Sanghamitra Choudhury and Debojyoti Das).	Routledge. London, UK.	International	-	
16	Dr. Charisma Karthak Lepcha	Anthropology	Lepcha, C.K., & Lal, U. (2022). Communities, Institutions and Histories of	New Delhi: Manohar Publishers & Distributors	National	ISBN: 97893 90729 319	

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17	Dr.Nitish Mondal	Anthro pology	1. Bharali, N., Singh, KH. N. &Mondal, N. (2021). Relationship of maternal body composition and child undernutriti on status using conventional anthropomet ric measuremen ts among Nyshi tribe of Arunachal Pradesh. In Jaydip Sen, Jyoti Ratan Ghosh (Eds), Nutrition and Health among Indian Tribes with special reference to Eastern India (pp. 249-263).	Serials Publicatio ns, New Delhi.	National	-	
18	Dr. K R Rama Mohan	Anthro pology	Rama Mohan K. R. (2021).	New Delhi: Gyan	National	-	

				Negotiating Tribal Identity: Ethnic Communities and Assertion for Tribal Status in Sikkim. In Jesurathnam Devarapalli (Eds.), Tribal Identity : Contradictions of Ascribed and Self-Asserted Perspectives (pp. 113-124).	Publishers		
19	Dr. K R Rama Mohan	Anthropology	2. Panday, D. R. & Rama Mohan K. R. (2021). The Anthropology of Music among Limboos of Sikkim, In Kaliedioscopic Vision of Music. In K Dutta (Eds) (pp.1-31). Kolkata:.	Saga Publications	International	-	

20	Dr. Rajesh Kumar	Geography	Rani, S., & Kumar, R.(2022) (ed.). Climate Change: Impacts, Responses and Sustainability in the Indian Himalaya.	Switzerland AG: Springer Nature.	International	ISBN: 978-3-030-92781-3
21	Dr. Uttam Lal	Geography	Lepcha, K. & Lal, U. (2021)(ed.). Communities, Institutions & Histories of India's Northeast..	Routledge	International	ISBN: 978-1-032-15838-9
22	Dr. E. Ishwarjit Singh	Geography	Singh, I.E. and Biswas, A. (2021). Urban Poor Water Crisis in the Eastern Himalayan Region: A case study of Kurseong Town, Darjeeling Himalaya. In Jamal, S. and Singh,	New Delhi: BR Publishing Corporation.	National	-

				A.L. (Eds.), Water Supply for the Urban Poor in Indian Cities. (pp 299-316).			
23	Dr. E. Ishwarjit Singh	Geogra phy	Singh, I.E. and Biswas, A. (2022). Sanitation Facilities for Urban Poor in a Mountain Town: A case study of Kurseong Town, Darjeeling Himalaya. In Jamal, S. and Singh, A.L. (Eds.), Sanitation for the Urban Poor in India Cities (pp 305-322)..	New Delhi: BR Publishing Corporatio n	National	-	
24	Dr. Rajesh Kumar	Geogra phy	Rani, S., Kumar, R., Maharana, P. (2022). Climate Change, Its Impacts, and	Springer Climate. Switzerlan d AG: Springer Nature.	Internati onal	-	

				Sustainability Issues in the Indian Himalaya: An Introduction. In: Rani, S., Kumar, R. (Eds.) Climate Change (pp. 1-27).			
25	Dr. Rajesh Kumar	Geography	Singh, R., Kumar, R., Latief, S.U., Kumar, R., Shekhar, M. (2022). Recession of Gaglu Glacier, Chandra Basin, Western Indian Himalaya. In: Rani, S., Kumar, R. (Eds.) Climate Change (pp. 103-123). Springer Climate.	Switzerland AG: Springer Nature.	International	-	
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27	Roy, Dhriti	Chinese	Roy, Dhriti. (2022), “Fifth Century Common Era: Reorienting Chinese Buddhist Monastic Tradition, Redefining India-China	Jayeeta Publishing House, Santiniket an,	National	ISBN- 978- 81- 95253 3-0-2.	

				Buddhist Monastic Relations: A Critical Study”, in Prof. Suniti Kumar Pathak (Ed.), Prof. Jayeeta Ganguly Commemoration Volume, pp.307-327			
28	Shri Snehal Ajit Ulman	Chinese	Ulman, S. A. (2021), “Language Culture of China’s Public Diplomacy: Evolution from Mao Zedong to Deng Xiaoping”, in S. Nayak (Ed), Discourse on Chinese Language, Literature and Culture, pp. 159-182,	Blue Rose Publishers, New Delhi.	National	ISBN – 978-93-5472-964-5.	
29	Abrona Lee Pandi Aden	English	Aden, A.L.P. (2021). At Home in the World: Nature in Solon	Purbayon Publication.	National	ISBN 978-93-93881-54-0.	

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30	Dr. Chukey Bhutia	Hindi	Bhutia, C., (2022). Sikkim ki ok kathyenl,	prabhatpr akashan	National	ISBN: 978- 93- 5521- 053-1	
31	Dr. Pradip Tripathi	Hindi	Tripathi, P. (2021) . Sikkim Mein Hindi Ki Sthiti: Sambhawna enaaurChuna utiyen. Purvottar Bharat Lok aurSamaj. (Eds: Alok Singh) (pp.105- 113) .	New Delhi: SarvaBhas ha Trust.	National	ISBN 978- 93- 90502 -18-9	
32	Dr. Pradip Tripathi	Hindi	Tripathi, P. (2021) . Bhasha Ka NayaVitanRa chatikahani yan. Hindi	New Delhi: Rudra Publishars h& Distribute rs.	National	ISBN 978- 93- 88361 -47-7	

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33	Kabita Lama	Nepali	Lama, K. (2021). Bobby Jama,Kalim pong:.	Upama Publicatio ns	National	ISBN: 97893 92035 036	
34	Kabita Lama	Nepali	Lama, K. (2021) (Edited).Darj eeling-Doors raSikkimko Nepali SahityakoIti hasJagadam baNepali SahityakoBri hatItihas, NepaalBahir ako	Nepali SahityaJa gadambaP rakashan, Kathmand u,	National	ISBN: 97899 37598 118	
35	Kabita Lama	Nepali	Lama, K. (2021) 'Darjeeling- Doors raSikkimko Nepali SahityakoIti has.' In Kabita Lama	Jagadamb aPrakasha n, Kathmand u,	Internati onal	ISBN: 97899 37598 118	

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36	Pushpa Sharma	Nepali	Shrama, P (2021), Golsimal, Kalimpong:	Upama Publication.	National	ISBN: 978- 81947 793- 7-7	
37	Dewchandra Subba	Nepali	Subba, Dewchandra (2021), Nepali Kabitama Parivesh,	Upama Publication, Darjeeling,	National	ISBN: 97881 94779 384	
38	Kabita Lama	Nepali	Lama, K. (2021). Bharatiya Nepali Balsahitya. In Kabita Lama (Eds), Jagadamba Nepali Sahityako BrihatItihas, Nepal Bahirako Nepali Sahitya (pp.219 - 225),	Jagadamba Prakashan, Kathmandu,	International	ISBN: 97899 37598 118	
39	Kabita Lama	Nepali	Lama, K. (2021). Nepali Kavitama Utt	Kathmandu: Nepal Pragya	International	ISBN: 97899 37761 307	

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40	Kabita Lama	Nepali	Lama, K. (2021). Representati on of Kolkata in Indian Nepali Fiction. In Sayantan Dasgupta (Eds), Celebrating The City Kolkata in Indian Literature (pp.68-109),.	New Delhi: Sahitya Akademi	National	ISBN: 97893 55481 115	
41	Kabita Lama	Nepali	Lama,K. (2021). BindyaSubb akoKathakar ita.	Janmatsa hitya.com online journal	Internati onal	-	
42	Dewchandra Subba	Nepali	Subba, Dewchandra (2021).Bhar atiya Nepali Samalochan.	Jagadamb aPrakasha n Kathmand u	Internati onal	ISBN: 97899 37598 118	

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44	Dr. Suman Bantawa	Nepali	Bantawa, Suman (2021). Darjeeling- Doors ka Nepali Katha. In Kabita Lama (Eds), Jagada mba Nepali Sahityako Bri hatItihas, NepalBahira ko Nepali	Jagadamb aPrakasha n, Kathmand u,	Internati onal	ISBN: 97899 37598 118	

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45	Dr. Suman Bantawa	Nepali	Bantawa, Suman (2021). Nepali Geet. In Kabita Lama (Eds),Jagada mba Nepali SahityakoBri hatItihas, NepalBahira ko Nepali Sahitya (pp.242- 252),	Jagadamb aPrakasha n, Kathmand u,	Internati onal	ISBN: 97899 37598 118
46	Dr. Suman Bantawa	Nepali	Bantawa, Dr. Suman (2021).Nepal i Gazal. In Kabita Lama (Eds),Jagada mba Nepali SahityakoBri hatItihas, NepalBahira ko Nepali Sahitya (pp.253- 257),	Jagadamb aPrakasha n, Kathmand u,	Internati onal	ISBN: 97899 37598 118
47	Dr. N. Sathyanaraya na	Botany	Sashankar, P., Hegde, S.N., & Sathyanaray ana, N. (2021). Gene Identificatio n and	Springer Nature, Singapore	Internati onal	ISBN: 978- 981- 16- 3992- 0

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48	Dr. Arun Chettri	Botany	Chettri, A., & Gurung, S. (2021). Threat to Citrus in Global Pollinator Decline Scenario: Current Understanding of its Pollination Requirements and Future Directions. In Anjana Rustogi and Bharti Chaudhry (Eds): Plant Reproductive Ecology - Recent Advances (pp 1-134).	Intechopen publishing House.	National	ISBN: 978-1-83969-495-0	

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	50	Dr. Arun Kumar Rai	Botany	Rai, A.K., Sunar, K. & Sharma, H. (2022). Cold-Adapted Microorganisms and their Potential Role in Plant Growth. In Soni, R., Suyal, D.C., Bhargava, P. & Goel, R., (Eds.), Microbiological Activity for Soil and	Springer Nature Singapore Pte Ltd: Singapore.	International	-

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51	Dr. N. Bijayalaxmi Devi	Botany	Devi, NB (2021). Soil Microbial Biomass as an Index of Soil Quality and Fertility in Different Land Use Systems of Northeast India. In: Soni R, Suyal DC, Bhargava P, Goel R (eds) Microbiological Activity for Soil and Plant Health Management	Springer Singapore, Singapore, pp 91-110	International	-	
52	Dr. Rajesh Kumar	Horticulture	Kumar, R., Chhetri, S., Bamaniya, B.S., Kushwah, J.K. & Verma, R.K. (2021). Molecular tools for Bacterial wilt resistance in Tomato. In:	USA: Apple Academic Press, CRC Press (Taylor & Francis Group).-4	International	-	

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53	Dr. Sujata Upadhyay	Horticulture	Upadhyay, S., Pandey Y, Bhutia KD 2021. <i>Elaeocarpus sikkimensis</i> Mast (Hooker) In: <i>Perennial Underutilized Horticultural Species of India</i> (Eds) Waman Ajit Arun, Bohra Pooja.	Jaya Publishing House, New Delhi.pp.1 05-111	National	ISBN: 978-93-90611-38-6 (HB), 978	
54	Dr. Sujata Upadhyay	Horticulture	Upadhyay Sujata, Pandey Yamuna, Bhutia Karma Diki. 2021. <i>Spondias axillaris</i> Roxb. In:	Jaya Publishing House, New Delhi.pp.3 12-320	National	ISBN: 978-93-90611-38-6 (HB), 978-93-90611	

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55	Prof. Laxuman Sharma	Horticulture	Sonkar S, Pandey B, Rathore SS, Sharma L, Singh AK (2021a) Applications of nanobiotechnology in overcoming temperature stress. In: Al-Khayri JM, Ansari MI, Singh AK (eds) Nanobiotechnology: Mitigation of Abiotic Stress in Plants. Pp. 417-435.	Springer.	International	-	
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57	Prof. Jyoti Prakash Tamang	Microb iology	Tamang, J.P., Lappe- Oliveras, P. and Mayo, B.(2022). Insights of Fermented Foods and Beverages: Microbiology and Health- Promoting Benefits.	Lausanne: Frontiers Media SA.	Internati onal	-	
58	Prof. Jyoti Prakash Tamang	Microb iology	Tamang, J.P. (2021). Indian Soybean Foods: Non- fermented and Fermented.	World Printech Corp., Seoul, Korea.	Internati onal	-	

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59	Prof. Jyoti Prakash Tamang	Microbiology	Tamang, J.P. and Thapa, N. (2022). Beneficial Microbiota in Ethnic Fermented Foods and Beverages. In: The Good Microbes in Medicine, Food Production, Biotechnology, Bioremediation and Agriculture,	Wiley, Sussex, UK.	International	-	
60	Dr.Buddhiman Tamang	Microbiology	Tamang, B., Chaurasia, L.K., Ghatani, K and Tirwa, R.K. (2021).	CRC Press, Taylor and Francis Group.	International	-	

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61	Dr. Nagendra Thakur	Microbiology	Das S, Sherpa MT, Najar IN, Thakur N. 2021. Hot and Cold Bacteria of Sikkim: Biodiversity and Enzymology. In Bioprospecting of Enzymes in Industry, Healthcare and Sustainable Environment (pp. 269-289).	Springer, Singapore.	International	ISBN: 978-981-33-4194-4. - 4195-1.	

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	65	Anil Kumar Verma	Microbiology	Dixita Chettri, Bhaskar Sharma, Ashwani Kumar Verma and Anil Kumar Verma (2021) Significance of Microbial Enzyme Activities in Agriculture. In Microbiological Activity for Soil and Plant Health Management , pp. 351-373.	Springer, Singapore,	International	-
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				Their Application in the Food and Agriculture Industry. In Industrial Microbiology and Biotechnology, pp. 625-642. S			
67	Anil Kumar Verma	Microbiology	Anil Kumar Verma, Dixita Chettri and Ashwani Kumar Verma (2022) Biomass, Bioenergy, and Biofuels. In Industrial Microbiology and Biotechnology, pp. 463-485.	Springer, Singapore,	International	-	
68	Anil Kumar Verma	Microbiology	Ashwani Kumar Verma, Dixita Chettri and Anil Kumar Verma (2022) Potential of	Springer, Singapore, 2022.	International	-	

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73	Ray, P. P.	Comp uter Applic ations	Ray, P. P. (2021) Getting Started with PHPoC for Internet of Things.	Ane Books Pvt. Ltd.	National	ISBN: 93906 58608	
74	Ray, P. P.	Comp uter Applic ations	Majumder, P., Ray, P. P. (2021). Estimation of Basic Reproductio n Number and Herd Immunity for COVID 19 in India.	Springer	Internati onal	-	

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75	R.Rai	Computer Applications	Rai, R. (2022). Swarm Intelligence and Bio-Inspired Computation. In Applied Soft Computing (pp. 1-22).	Apple Academic Press. ISBN:9781003186885	International	-	
76	Dr. Anil Kumar Misra	Geology	Sahu, V., Misra, A.K. & Gayathri, V. (2022). Fly ash in road construction . Hand book of Fly ash. Amsterdam, Netherlands	Elsevier	International	ISBN: 978-0-12-817686-3.	
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78	Dr. Nishchal Wanjari	Geology	Srivastava, T., Joshi, K.B., Wanjari, N. (2021). Boron isotopic composition of pegmatitic tourmaline from Yumthang Valley, North Sikkim. : Geochemical Treasures and Petrogenetic Processes.	Springer Nature Singapore	International	ISBN-13: 9789811947810,	

79	Amitabha Bhattacharya	Physic s	Amitabha Bhattacharya (2021), Mandar, the Drum that gives the Musical Heartbeat of Jharkhand In Editor. Krishnendu Dutta A Kaleidoscopic View of Music (pp.63-70).	Kolkata, Saga Publications	Internati onal	-
80	Abhijit Dutta	Comm erce	Dutta A (2021), Empirical study of behaviour of Indian Stock Market	, New Delhi, Today and Tomorrow's Printer and Publishers	National	ISBN: 97893 91734 176
81	Abhijit Dutta	Comm erce	Dutta A, Mukhpadhyay P, Sinha M, Ray Chowdhary A (2022), Pandemic Outbreak and the future of poverty and inequality scenario: Indian perspective,	Springer, Singapore,	Internati onal	SBN: 978-981-16-5755-9.

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83	Abhijit Dutta	Commerce	Sinha M, Das R, Mahapatra S S, Dutta A & Sengupta P. P (2022), Dynamics of Globalization and Inflation in Post Reform India, In Raj Raj S.N and Komal Singha, The Rutledge Handbook of Post Reform Indian Economy,	-	International	ISBN: 978-0-367-42870-9	
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86	Dr.R.S.S.Nehr u	Educa tion	R. S. S.Nehru (2022). Women's Empowerment Strategies in Indian Higher Education [Review of Women's Empowerment Strategies in Indian Higher Education]. In K.	SSN Publishers & Distributors.	National	ISBN : 978- 93- 9279- 811-5	

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88	Dr. Pradip Kumar Das	Manag ement	Das, P.K & Chhetri M, Tamang. R (2021). Compensation Management .	USA:LULU Book publications	Internati onal	ISBN 978-1-304-73024-4	
89	Dr. Pradip Kumar Das	Manag ement	Das, P.K & Chhetri M (2021). Financial Inclusion in Sikkim.	Karnataka : IIP, Chikmangluru. 7.	National	ISBN 978-1-68576-183-	
90	Dr. Pradip Kumar Das	Manag ement	Das, P.K & Chhetri S (2021). The stability of self-esteem and its role in social situations. In Building self-concept with learners (pp 19-35)	New Delhi, ABS Books	National	ISBN 978-93-87229-71-6	
91	Dr. Shalini Shukla	Manag ement	Shukla, S. Mishra, D. (2022). HRD and Demographi	Bharati Publication, New Delhi, India.	National		

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92	Dr. Shalini Shukla	Management	Shukla, S. & Sharma, J.K. (2021). Impact of Contextual Factors on HRM Disclosure Practices of Foreign Companies in India. In Human Resource Management in the New Normal. (pp. 1-13)..	Faculty of Management, GLS University	National		
93	Dr Manoj Kumar Das	Mass Communication	Das, M.K. (2022). Televising Religion in India: An Anthropological Reading.	London & New York: Routledge.	International	ISBN: 97803 67146 184	

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95	Dr.Krishnendu Dutta	Music	Dutta , Krishnendu (2021). Kaleidoscopic Vision of Music,	Saga Publicatio n, August 2021,	Internati onal	ISBN: 978- 81- 95338 8-4-9
96	Dr.Krishnendu Dutta	Music	Dutta, Krishnendu (2021). Cultural Dropless across the 'Ganges' and 'Padma': A Discovery of the Musical Notations of Bengal,	Saga Publicatio ns, August 2021,	Internati onal	ISBN: 978- 81- 94729 2-7-3
97	Dr. Jayanta Kumar Barman	Music	Barman , Roy, Jayanta Kumar, Dhananjay (2021). Deshi Dhol Shikkha 2021, ,	BFC Publicatio n, Lucknow	National	ISBN: 978- 93- 91329 -77-8
98	Dr. Samidha Vedabala	Music	Vedabala Samidha (2021). Sitar Music: The dynamics of structure and its	Wizard Publicatio n, New Delhi,	National	ISBN: 978- 93- 91013 -07-3

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99	Dr. Samidha Vedabala	Music	Vedabala Samidha (2021). Simplifying research in music.	Wizard Publication, New Delhi,	National	ISBN: 978-93-91013-06-6	
100	Dr. Surendra kumar	Music	Kumar, Surendra, (2021), bharatiy kala sanvardhanam,	pustak Bharti toronto Canada,	National	ISBN-9781989416518	
101	Dr. Surendra kumar	Music	Kumar, Surendra, (2021), shilp pravah,	pustak Bharti toronto Canada,	National	ISBN-9781989416501	
102	Dr. Surendra kumar	Music	Kumar, Surendra, (2021), kalasmrit,	pustak Bharti toronto Canada,	National	ISBN-9781989416525	
103	Dr. Surendra kumar	Music	Kumar, Surendra, (2020). coronal: purvanchal samaj or sangeet, In (Eds: sirothiya, ramma, A. p. jaisawal,) pp. 66-70.	Disha book Noida,	National	ISBN: 978-93-87002-70-8	
104	Dr. Samidha Vedabala	Music	Vedabala, Samidha (2021).	Saga Publication	International	ISBN: 978-81-	

				Research in performance studies: study of the graduate students of music in kaleidoscopic vision of music. In (Eds. Dutta , Krishnendu) ,	ns , Kolkata,		95338 8-4-9
	105	Dr Sanjay Karn	Music	Three Units have been contributed as SLM Content for Orissa State Open University (OSOU) against CTM-CO1: FUNDAMENTAL OF TOURISM AND ITS IMACT.	-	Internati onal	-
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf							
3.4.7	E-content is developed by teachers:						
Q_nM	<ol style="list-style-type: none"> 1. For e-PG-Pathshala 2. For CEC (Under Graduate) 3. For SWAYAM 4. For other MOOCs platform 5. Any other Government Initiatives 						

	6. For Institutional LMS						
	Options:						
	A. None of the above						
3.4.8	Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed						
Q_nM							
	Year	2021-22					
	Number	138					
	Sl No	Title	Author	Department	Journal Name	Year	ISSN
	1	Farmers' Suicides in India.	Guha P. and Das, T.	Economics	Economic and Political Weekly	2021-22	0012-9976
	2	Analysis of Financial Performances and Environmental Sustainability of Coldwater Inland Fisheries in Sikkim Himalaya.	Chettri, K.B., Kundu, R	Economics	Indian Journal of Ecology.	2021-22	0304-5250
	3	What role has structural change played in growth accelerations for the Indian States? An Analysis for Pre- and Post-	Kathuria, V. and Raj, R.S.N. (2022).	Economics	South Asia Economic Journal, 23(1): 61-85.	2021-22	1391-5614

		Liberalisation Periods,					
4	The gender productivity gap: Evidence from the Indian informal sector,	Gang, Ira N., Raj, Rajesh S. N., Sen, Kunal and Yun, Myeong- Su (2021).	Economi cs	WIDER Working Paper, No. 2021/18 3, ISBN 978-92- 9267- 123-5, The United Nations Universit y World Institute for Develop ment Economi cs Research (UNU- WIDER), Helsinki,	2021- 22	978- 92- 9267- 123-5	
5	An analysis of determinant factors of in Agricultural trade between India and ASEAN.	Pandey Pranesh and Choubey , Manesh (2021).	Economi cs	Indian Journal of Economi cs and Develop ment, 17(1), 35-42.	2021- 22	2277- 5412	

6	Ethical Duty of a Lawyer to Defend His Client in a Criminal Case: Issues and Challenges in India.	Mishra, Praveen & Tiwari, V.P (2021).	Law	Asian Journal of Legal Education, 1-10	2021-22	2322-0058
7	Increasing incidences of Dengue in Sikkim, India.	Dahal, D.R., Khawas, V., & Chettri, S.(2021).	Peace And Conflict Studies And Management	PANDA. 13 (4), 68-74.	2021-22	2320-3943
8	Validating mid-upper arm circumference (MUAC) cut off points as an indicator of nutritional status among nine tribal populations of India.	Kshatriya, G.K., Chakraborty, R., Mondal, N. & Bose, K. (2021).	Anthropology	Anthropological Review; The Journal of Polish Anthropological Society, 84(3), 301-315.	2021-22	2083-4594
9	Prevalence of menopausal symptoms among rural Bengali women of North Bengal, India.	Sarkar, M. & Mondal, N. (2021).	Anthropology	Antrocom Journal of Anthropology, 17(2), 161-168.	2021-22	1973 – 2880
10	Association of Age at Marriage, Early childbearing, Use of contraceptive	Bharali, N. & Mondal	Anthropology	The Online Journal of Health	2021-22	0972-5997

		Methods and Reproductive Health Consequences among Mishing tribal women of Assam, Northeast India.	, N. (2021).		and Allied Sciences, 20(3), 2.		
11		Phase partitioning effects in seasonal compositions and distributions of terrigenous Polycyclic Aromatic Hydrocarbons along the South China Sea and East China Sea.	Wang, C., Thakuri, B., Roy, A.K., Mondal, N. & Chakraborty, A. (2022).	Anthropology	STOTEN: Science of the Total Environment-Journal, 828, 154430.	2021-22	0048-9697
12		MayelLyangEmbo died: "Tradition" and Contemporary Lepcha Textiles. HIMALAYA	Faulkner, S. & Ram Mohan, K.R. (2021).	Anthropology	, The Journal of the Association of Nepal Studies, 40(2), 97-107.	2021-22	1935-2212
13		Antenatal Care Services Utilization among Ever-married Women of Sumbuk Village in Sikkim.	Haokip, J.V., & Rai, R. (2021).	Anthropology	South Asian Anthropologists 21(2), 165-170	2021-22	0257-7348
14		Small-Scale Tea Economy and Arsla Organic Tea	Hannan, A.& Mondal,	Geography	Antrocon J. of Anthro	2021-22	1973-2880

		Cooperative: A Grassroot Initiative of Khasi Tribes of Meghalaya, North-East India.	N. (2021).		logy, 17 (2), 55-64.		
15		Plight of Small Tea Growers in India.	Hannan, A. (2021).	Geography	Third Concept, 35 (416), 34-37	2021-22	0970-7247
16		COVID-19, Migrant Workforce and Regional Health Infrastructure in North Bengal.	Hannan, A.& Hossain, F. (2021).	Geography	Journal of Social Change and Development, XVIII (1&2), 103-116.	2021-22	0975-4016
17		Disparities in Accessing Household Drinking Water in Himalayan City Darjeeling, West Bengal.	Ghatani, S. and Singh, E.I. (2022).	Geography	Indian Journal of Spatial Science. Vol 13 (1) 88-95	2021-22	2249-3921
18		Assessing the impacts of Amphan cyclone over West Bengal, India: a multi-sensor approach.	Kumar, R., Rani, S.& Maharana, P. (2021).	Geography	Environmental Monitoring and Assessment 193, 283.	2021-22	0167-6369
19		Assessing the spatial	Rani, S., Kumar,	Geography	Remote Sensing	2021-22	2352-9385

		distribution of aerosols and air quality over the Ganga River basin during COVID-19 lockdown phase-1.	R., Acharya, P., Maharana, P. & Singh, R.K. (2021).		Applications: Society and Environment 23, 100546.		
	20	Glacial Lake Outburst Flood (GLOF) Hazard Assessment of Gepang Gath Pro-Glacial Lake Located in Chandra Basin, Western Himalaya, India.	Mukhtar, M.A., Kumar, R. & Majeed, Z. (2021).	Geography	Indian Journal of Geosciences, 75(2), 126-136.	2021-22	2229-3574
	21	Catastrophic ice-debris flow in the Rishiganga River, Chamoli, Uttarakhand (India).	Pandey, V.K., Kumar, R., Singh, R., Kumar, R., Rai, S.C., Singh, R.P., Soni, V.K., Ali, S.N., Tamang, D. & Latief, S.U. (2022).	Geography	Geomatics, Natural Hazards and Risk, 13(1), 289-309.	2021-22	1947-5705

22	Diagnostic of the massive flood event and flood hazard mapping in Tons River basin.	Maharana, P., Kumar, D., Kumar, R., Singh, R., & Dimri, A.P. (2022).	Geography	Theoretical and Applied Climatology, 148, 1459–1476.	2021-22	0177-798X
23	Spatial distribution of aerosol optical depth over India during COVID-19 lockdown phase-1.	Rani, S. & Kumar, R. (2022).	Geography	Spatial Information Research .	2021-22	2366-3286
24	Mineralogical Variation of Channel sediments and Glacio-Fluvial activities from Changme Basin to Sevoke-along Teesta River in Sikkim.	Singh, A., Rani A., Ranjan, R.K & Lal, U. (2021).	Geography	The Deccan Geographer. Vol. 59, No.1 & 2, 68-80	2021-22	0011-7269
25	Glacial deposits from Changme Khangpu glaciers in Sikkim Himalaya, India and their mineralogical characterization.	Singh, A., Ranjan, R. K., Tewari, V. C, Lal, U. & Badekar, A.G. (2021).	Geography	Himalayan Geology. Vol.42(2), 312-320	2021-22	0971-8966

26	Snow Cover Area Changes in the Changme Khangpu Basin during 2002-2019, North Sikkim Himalaya, India.	Singh,A, Ranjan,R .K, & Lal, U. (2021).	Geography	Journal of Climate Change, Vol.7 No.2, 27-34	2021-22	2395-7611
27	Geopolitical Imperatives in the Eastern Himalayas: Situating the Hills of Darjeeling,	Saha, Biswanath and Chakraborty, Gorky (2021).	Geography	Millennial Asia (Sage), Vol. 12, No. 1, pp. 76-96	2021-22	0976-3996
28	The influence of physical health factors on emotional reactions among older adults of the Thai-Ahom community of Assam, India.	Gogoi, T., & Panda, S. (2022).	Psychology	Journal of Xi'an University of Architecture & Technology, 14(4), 241-249.	2021-22	1006-7930 (Online)
29	Does memory bias help in maintaining self-esteem? Exploring the role of self-verification motive in memory bias. J	Maheshwari, S., Kurmi, R., & Roy, S. (2021).	Psychology	Journal of Cognitive Psychology, 33(5), 549-556.	2021-22	2044-5911

	30	Do our eyes mirror our thought patterns? A study on the influence of convergent and divergent thinking on eye movement.	Maheshwari, S., Tuladhar, V., Thargay, T., Sarmah, P., Palaskshi S. & Rai, K. (2022).	Psychology	Psychological Research, 86, 747-756.	2021-22	0340-0727
	31	Helping heart: Exploring the determinants of helping behavior in the time of social distancing.	Rai, K. & Maheshwari, S. (2021).	Psychology	Journal of Human Behavior in the Social Environment, 31(1-4), 119-133.	2021-22	1091-1359
	32	Genetic diversity in rice (<i>Oryza sativa</i> L.) landraces of Sikkim- Himalaya and early insight into their use in genome-wide association analysis.	Chettri D, Anandan A, Nagireddy RK, Sabarintan S, Sathyanarayana N (2021).	Botany	Plant Genetic Resources: Characterization and Utilization 1-10.	2021-22	1479-2621 (Print), 1479-263X (Online)
	33	Traditional rice landraces and Indigenous knowledge	Chettri, D and Sathyan	Botany	Journal of Hill farming.	2021-22	ISSN 0970-6429

		associated with the rice cultivation in Sikkim Himalaya: An analysis based on local farming practices. Indian	arayana, N (2021)		Vol 34 (1) 1-15		
34		Variability for Seed-based Economic Traits and Genetic Diversity Analysis in <i>Mucuna pruriens</i> Population of Northeast India.	Lepcha, P and Sathyanarayana, N. (2021)	Botany	Agric Res 1-11.	2021-22	224972 0X, 224972 18
35		. Variable seed germination and seedling growth responses of <i>Hippophae rhamnoides</i> and <i>H. salicifolia</i> to cadmium..	Negi, T., Sharma, S.S. 2021	Botany	The Journal of the Indian Botanical Society 101 (4): 302-311	2021-22	0019-4468
36		A comparable stimulation of seed germination by gibberellic acid and sodium nitroprusside in <i>Hyoscyamus niger</i> L., a threatened medicinal herb, from Spiti (Himachal Pradesh).	Sharma, A., Sharma, R.K., Sharma, S.S. 2021.	Botany	Journal of Indian Botanical Society 101 (3): 194-203.	2021-22	0019-4468

37	Red Panda (Ailurus fulgens) on the verge of extinction.	Roka, B. & Chhetri, D. R. (2021).	Botany	Ecol. Env. & Cons. 27 (4): 389-393.	2021-22	0971-765X	
38	A study on plant preferences of red panda (Ailurus fulgens) in the wild habitat: foundation for the conservation of the species.	Roka, B., Jha, A. K. & Chhetri, D. R. (2021).	Botany	Acta Biologica Serbica,.	2021-22	2412-1908	
39	Exploring endophytes for in vitro synthesis of bioactive compounds similar to metabolites produced in vivo by host plants.	Sharma, H., Rai, A.K., Divakar D., Chettri, R & Singh, P. S. (2021).	Botany	AIMS Microbiology 7,(2) 175-199.	2021-22	2471-1888	
40	Bioactivities of Penicillium citrinum isolated from a medicinal plant Swertia chirayita.	Sharma, H., Rai, A.K., Chettri, R & Singh, P. S. (2021).	Botany	Archives of Microbiology 203,5 173-5182.	2021-22	0302-8933	
41	Application of biological systems and processes	Divakar D., Sharma,	Botany	AIMS Microbiol	2021-22	2471-1888	

		employing microbes and algae to Reduce, Recycle, Reuse (3Rs) for the sustainability of circular bioeconomy.	H., Rai, A.K., & Singh, P. S. (2022).		ogy 8,(1) 83-102.		
	42	Urban sacred grove forests are potential carbon stores: A case study from Sikkim Himalaya.	Devi, N. B., N T Lepcha, SS Mahalik, D Dutta, B L Tsanglao (2021).	Botany	Environmental Challenges 4:100072	2021-22	2667-0100
	43	Agroforestry land suitability analysis in the Eastern Indian Himalayan region.	Nath AJ, R Kumar, NB Devi, R Pebam, K Giri, UK Sahoo, RK Bajpai, N Sahu, R Pandey (2021)	Botany	Environmental Challenges 4:100199.	2021-22	2667-0100
	44	Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses	Sahoo UK, OP Tripathi, AJ Nath, S Deb, A Gupta, N B Devi,	Botany	Frontiers in Environmental Science 9:436	2021-22	2296665X

		in Northeast India.	SS Chaturvedi, S L Singh, A Kumar, B K Tiwari (2021)				
45	Satellite based integrated approaches to modelling spatial carbon stock and carbon sequestration potential of different land uses of Northeast	Bordoloi R, B Das, OP Tripathi, UK Sahoo, AJ Nath, S Deb, A Gupta, NB Devi, SS Chaturvedi, BK Tiwari, A Paul, L Tajo (2021)	Botany	India. Environ. Sustain. Indic. 13:1001 66.	2021-22	2665-9727	
46	Understanding rice growth-promoting potential of Enterobacter spp. isolated from long-term organic farming soil in India through a supervised learning approach.	Panneerselvam P, Senapati A, Sharma L, et.al. 2021.	Horticulture	Current Research in Microbial Sciences, 2:	2021-22	Print: 0975-1130 Online: 2249-3239	

47	Isolation, characterization, and evaluation of native rhizobacterial consortia developed from the rhizosphere of rice grown in organic state Sikkim, India, and their effect on plant growth.	Sherpa MT, Sharma L. Bag N, Das S. 2021.	Horticulture	Frontiers in Microbiology.	2021-22	1664-302X	
48	Isolation and characterization of plant growth promoting rhizobacteria isolated from organically grown high yielding pole type native pea (<i>Pisum sativum</i> L.) variety Dentami of Sikkim,	Sherpa M.T., Bag N., Das S., Haokip P., Sharma L. (2021)	Horticulture	India. Current Research in Microbial Science 2 100068,	2021-22	2666-5174	
49	Varietal screening of <i>Gladiolus</i> under Sikkim agro-climatic condition. Biological Forum-	Gurung S., Rai S., and Rana M. (2021).	Horticulture	An International Journal, 13(3b): 181-185	2021-22	Print: 0975-1130 Online: 2249-3239	
50	Genetic variation and character association study among	Debnath, A., Kumar, R.,	Horticulture	The Bioscan	2021-22	0973-7049	

		morphological and biochemical traits of tomato (<i>Solanum lycopersicum</i> L.) genotypes,	Prasad, S.K. & Sharma, N. (2021).		16, (1) 69-75.		
51	Processing Effect on Antioxidant Composition of Processed Products of Wild Edible Fruits of Sikkim Himalayas.	Sherpa, N and Bhutia, K.D (2021)	Horticulture	Research Journal of Biotechnology 16(11) 129-133.	2021-22	227845 35, 097362 63	
52	<i>Helicobacter pylori</i> in human stomach: the inconsistencies in clinical outcomes and the probable causes.	Alexander, S.M., Retnakumar, R.J., Chouhan, D., Devi, B., Dharmasheelam, S., Devadas, K., Thapa, N., Tamang, J.P., Lamtha, S.C. and Chattopadhyay, S. (2021).	Microbiology	Frontiers in Microbiology.	2021-22	166430 2X	

53	Diversity of beneficial microorganisms and their functionalities in community-specific ethnic fermented foods of the Eastern Himalayas.	Tamang, J.P., Jeyaram, K., Rai, A.K. and Mukherjee, P.K. (2021).	Microbiology	Food Research International	2021-22	0963-9969
54	Novel pathways in bacteriocin synthesis by lactic acid bacteria with special reference to ethnic fermented foods.	Sharma, B.R., Halami, P.M. and Tamang, J.P. (2021).	Microbiology	Food Science and Biotechnology.	2021-22	2092-6456
55	“Ethno-Microbiology” of ethnic Indian fermented foods and alcoholic beverages.	Tamang, J.P. (2021).	Microbiology	Journal of Applied Microbiology 1-17.	2021-22	1365-2672
56	Shotgun sequence-based metataxonomic and predictive functional profiles of Pe poke, a naturally fermented soybean food of Myanmar.	Tamang, J.P., Kharaior, P., Pariyar, P., Thapa, N., Lar, N., Win, K.S., Mar, A. and Nyo, N. (2021).	Microbiology	PLoS ONE 16(12):	2021-22	1932-6203

57	Shotgun metagenomics of cheonggukjang, a fermented soybean food of Korea: community structure, predictive functionalities and amino acids profile.	Tamang, J.P., Das, D., Kharnaio r, P., Pariyar, P., Thapa, N., Jo, S.W., Yim, E.J. and Shin, D.H. (2022).	Microbiol ogy	Food Research Internati onal 151,	2021-22	0963-9969
58	.Enzymatic and anti-nutritive degrading activities of mycelial moulds isolated from amylolytic starters of North East India..	Anupma, A. and Tamang, J.P. (2022)	Microbiol ogy	Journal of Scientific and Industria l Research 81: 131-136	2021-22	0975-1084
59	In vitro and genetic screening of probiotic properties of lactic acid bacteria isolated from naturally fermented cow-milk and yak-milk products of Sikkim, India.	Rai, R. and Tamang, J.P. (2022).	Microbiol ogy	World Journal of Microbiol ogy and Biotechn ology 38: 25	2021-22	0959-3993

60	.Probiotic properties of yeasts in traditional fermented foods and beverages.	Tamang, J.P. and Lama, S. (2022)	Microbiology	Journal of Applied Microbiology. 1–10. https://doi.org/10.1111/jam.15467 .	2021-22	1365-2672
61	Predictive functionality of bacteria in naturally fermented milk products of India using PICRUSt2 and Piphillin pipelines.	Shangpli ang, H.N.J. and Tamang, J.P. (2022).	Microbiology	Journal of Data Mining Genomics Proteomics 13: 244.	2021-22	2153-0602
62	Metagenomic–metabolomic mining of kinema, a naturally fermented soybean food of the Eastern Himalayas	Kharnaio r, P. and Tamang, J.P.(2022).	Microbiology	. Frontiers in Microbiology 13:	2021-22	1664302X
63	Potential of Enterococcus faecium LM5.2 for lipopeptide biosurfactant	Chaurasi a, L., Tirwa, R. and Tamang,	Microbiology	Archives of Microbiology 204:223	2021-22	0003-9276

		production and its effect on the growth of maize (<i>Zea mays</i> L.).	B.M. (2022).				
64		Draft genome sequence of <i>Stenotrophomonas maltophilia</i> strain P13 gives insight into its protease production and assessment of sulphur and nitrogen metabolism.	Sherpa, M.T., Das, S., Najar, I.N. and Thakur, N. (2021).	Microbiology	Current Research in Microbial Sciences 2	2021-22	2666-5174
65		Lectins: biological significance to biotechnological application.	Chettri, D., Boro, M., Sarkar, L. and Verma, A.K. (2021)	Microbiology	Carbohydrate Research 506	2021-22	0921-898X
66		First record of the jumping spider <i>Pancorius changricus</i> Zabka, 1990 from India (Araneae: Salticidae)	Gurung, A., Limboo, A.H.S., Acharya, B.K. and Prajapati, D.A. (2022)	Zoology	Journal of Threatened Taxa 14(4): 20939–20942.	2021-22	0974-7907 (online) 0974-7893 (print)
67		Turnover in butterfly communities and traits along an elevational	Dewan, S., Sanders, N.J. and Acharya,	Zoology	Ecosphere 13(3): e3984.	2021-22	2150-8925

		gradient in the Eastern Himalaya, India.	B.K. (2022)				
68	Foraging strategy and guild structure of Avifauna in Sikkim, Eastern Himalaya, India.	Chettri, A., Thakuri, B. and Acharya, B.K. (2022)	Zoology	Proceedings of the Zoological Society 75(1): 65-82.	2021-22	Electronic 0974-6919 Print 0373-5893	
69	Epidemiological study of snakebite cases in Sikkim: Risk modeling with regard to the habitat suitability of common venomous snakes.	A Rai, M Chettri, S Dewan, B Khandelwal, B Chettri. (2021).	Zoology	PLoS neglected tropical diseases 15 (11), e0009800	2021-22	193527 27, 193527 35	
70	Do sub-groups of butterflies display different elevational distribution patterns in the Eastern Himalaya, India?	Dewan, S., Acharya, B.K., Vetraas, O.R. & Ghatani, S. (2021).	Zoology	Frontiers of Biogeography 13(3) e49643	2021-22	1948-6596	
71	HLA profile of Kami population refutes the earlier proposition of exclusive closer	Singh, B., Chamlagai, D.,	Zoology	Human Heredity 16,1-6	2021-22	ISSN: 0001-5652 (Print) e-ISSN:	

		genetic affinity of all the Gorkhas to mongoloids.	Gurung, J.(2021).				1423-0062 (Online)
72	Role of 5-HTTLPR in suicide: beyond association, meta-analysis and future prospects.	Singh, B.(2021).	Zoology	Annals of Indian Psychiatry 5(1), 4-11	2021-22	ISSN - Print: 2588-8358, Online: 2588-8366	
73	Donor-acceptor structure and dynamics: Molecular dynamics simulation study of TIP4P/2005 water model. Chemical	Prasad, M., English, N. J. & Chakraborty S.N. (2021).	Chemistry	Physics Letters , 775, 138581	2021-22	0009-2614	
74	A Monte Carlo simulation study of hydrogen adsorption in slit-shaped pores, Microporous and Mesoporous,	Karki, S. & Chakraborty, S. N. (2021).	Chemistry	Materials ,317, 110970	2021-22	1387-1811	
75	Hydrogen bonding in liquid water at 1 GPa : Molecular dynamics simulation study of TIP4P/2005 water model,	Prasad, M. & Chakraborty S. N. (2022).	Chemistry	Computational and Theoretical Chemistry, 1208, 113527	2021-22	2210-271X	

76	A. HKUST-1 Metal Organic Framework as an Efficient Dual-Function Catalyst: Aziridination and One-Pot Ring-Opening Transformation for Formation of β -Aryl Sulfonamides with C-C, C-N, C-S, and C-O Bonds.	Sharma, D., Rasaily, S., Pradhan, S., Baruah, K., Tamang, S. & Pariyalar,	Chemistry	Inorganic Chemistry, 60(11), 7794–7802	2021-22	0020-1669 (print); 1520-510X (web)
77	Visible-Light-Promoted Metal-Free Photocatalytic Direct Aromatic C-H Oxygenation,	Bhuyan, S Gogoi, A., Basumatary, J. & Roy, B. G. (2022).	Chemistry	Eur. J. Org. Chem. 16	2021-22	2213-1248
78	A carbohydrate based synthetic approach to diverse structurally and stereochemically complex chiral polyheterocycles,	Bhuyan, S., Das, D Chakraborty, A., Mandal, S., Dhanabali, K & Roy, B. G. (2021).	Chemistry	Chem Asian J., 16, 4108-4121	2021-22	2161-3915
79	Efficient visible light mediated synthesis of	Mandal, S., Bhuyan,	Chemistry	Green Chem., 23, 5049	2021-22	2161-3915

		quinolin-2(1H)-ones from quinoline N-oxides,	S., Jana, S. J. Hossain, J., Chhetri, K. & Das, B. G. (2021).				
	80	Efficient metal-free visible light photocatalytic aromatization of azaheterocycles,	Chhetri, K., Bhuyan, S, Mandal, S., S. Chhetri, S., Lepcha, P. T. , Lepcha, S. W. , Basumatary, J. & Roy, B. G. (2021)	Chemistry	Curr. Res. Green Sustain. Chem., 4, 100135	2021-22	0065-2458
	81	A Review on TinyML: State-of-the-art and Prospects.	Ray, P.P. (2021).	Computer Applications	Journal of King Saud University - Computer and Information Sciences	2021-22	2213-1248

82	A Review on Tactile IoT: Architecture, Requirements, Prospects, and Future Directions.	Ray, P.P. (2021).	Computer Applications	Transactions on Emerging Telecommunications Technologies	2021-22	2161-3915
83	IoT-Edge Analytics for BACON Assisted Multivariate Health Data Anomaly.	Ray, P.P.(2021).	Computer Applications	Advances in Computers	2021-22	2161-3915
84	IoT-Edge Anomaly Detection for Covariate Shifted and Point Time Series Health Data, Journal of	Ray, P.P., Dash, D. (2021).	Computer Applications	King Saud University - Computer and Information Sciences	2021-22	0065-2458
85	Reviewing the opportunities, challenges, and future directions for the digitalization of energy.	Baidya. S., Potdar. V., Ray. P. P., Mandi. C. (2021).	Computer Applications	Energy Research & Social Science	2021-22	2214-6296
86	A Review on 6G for Space-air-ground Integrated Network: Key Enablers, Open	Ray, P.P. (2021).	Computer Applications	Journal of King Saud University -	2021-22	2213-1248

		Challenges, and Future Direction.			Computer and Information Sciences		
87		A Survey on Cognitive Packet Networks: Taxonomy, State-of-the-art, Random Neural.	Ray, P.P. (2021).	Computer Applications	Journal of King Saud University - Computer and Information Sciences	2021-22	2213-1248
88		A Perspective on 6G: Requirement, Technology, Enablers, Challenges and Future Road Map. Journal of Systems Architecture	Ray, P.P. (2021).	Computer Applications	Scientific Reports	2021-22	13837621
89		Majumder, P., Ray, P.P. (2021). A Systematic Review and Meta-analysis on Correlation of Weather with COVID-19,		Computer Applications		2021-22	2045-2322
90		A Vision on 6G-Enabled NIB: Requirements, Technologies and Future Road Map.	Ray, P.P., Kuamr, N., Guizani,	Computer Applications	IEEE Wireless Communications	2021-22	1536-1284

			M. (2021).				
91	Human-Inspired Optimization Algorithms: Theoretical Foundations, Algorithms, Open-Research Issues and Application for Multi-Level Thresholding.	Rai, R., Das, A., Ray, S., & Dhal, K. G. (2022)	Computer Applications	Archives of Computational Methods in Engineering, 1-40.	2021-22	1886-1784	
92	Nature-inspired optimization algorithms and their significance in multi-thresholding image segmentation: an inclusive review.	Rai, R., Das, A., & Dhal, K. G. (2022).	Computer Applications	Evolving Systems, 1-57.	2021-22	1868-6486	
93	Data Science in Unveiling COVID-19 Pathogenesis and Diagnosis: Evolutionary Origin to Drug Repurposing",	Jayanta K Das, G Tradigo, P Veltri, P H Guzzi*, and Swarup Roy	Computer Applications	Briefings in Bioinformatics	2021-22	1467-5463	
94	Comparative Analysis of Human Coronaviruses Focusing on Nucleotide Variability and	Jayanta K Das, and Swarup Roy	Computer Applications	Genomics	2021-22	0888-4543	

		Synonymous Codon Usage Patterns					
95	An Effective Semantic Code Clone Detection Framework using Pairwise Feature Fusion	A Sheneamer, Swarup Roy, Jugal Kalita	Computer Applications	IEEE Access	2021-22	2169-3536	
96	A Scheme for Inferring Viral-Host Associations based on Codon Usage Identifies the Most Affected Signaling Pathways during COVID-19	Jayanta K Das, Subhadipta Chakraborty, and Swarup Roy	Computer Applications	Journal of Biomedical Informatics	2021-22	1532-0464	
97	Characterizing Genomic Variants and Mutations in SARS-CoV-2 Proteins from Indian Isolates	Jayanta K Das, Antara Sengupta, Pabitra Paul Choudhury, Swarup Roy	Computer Applications	Gene Report	2021-22	24520144	
98	A study on non-synonymous mutational patterns in structural	Jayanta K Das, and Swarup Roy*,	Computer Applications	Genome	2021-22	0831-2796	

		proteins of SARS-CoV-2					
99	Analyzing Host-Viral Interactome of SARS-CoV-2 for Identifying Vulnerable Host Proteins during COVID-19 Pathogenesis	Jayanta K Das, Swarup Roy*, and Pietro H Guzzi*,	Computer Applications	Infection, Genetics and Evolution	2021-22	1567-1348	
100	Mutation induced long-range allosteric interactions in the spike protein determine infectivity of SARS-CoV-2 emerging variants",	J K Das, B Thakuri, M K Krishnan, Swarup Roy*, A Sljoka, GQ Sun, A Chakraborty*,	Computer Applications	ACS Omega	2021-22	2470-1343	
101	An Incremental Approach for Hierarchical Community Mining in Evolving Social Graphs	Keshab Nath, Swarup Roy & Sukumar Nandi,	Computer Applications	Int. Journal of Intelligent Enterprise	2021-22	174532-32	
102	Variability of precipitation extremes and drought intensity over the Sikkim State, India,	Dubey, S. K., Ranjan, R.K., Misra, A.K., Wanjari, N. &	Geology	Theoretical and Applied Climatology (Springer), Online published	2021-22	0177-798X	

		during 1950–2018.	Vishwakarma S. (2022).		d, 148, 1-14, x		
103		Study of qualitative stability analysis and rainfall thresholds for possible landslide occurrence: a case study of Sikkim Himalaya,	Dutta, K., Wanjari, N. & Misra, A. K. (2021)	Geology	Journal of Taibah University for Science (Taylor and Francis) 15(1), 407-422	2021-22	1658-3655
104		Experimental evaluation of bond behavior in controlled, binary and quaternary concretes developed using SCMs,	Dave, N, Guduru, R Misra,A. K. Sharma, A. K. (2021).	Geology	Journal of Engineering, Design and Technology, <u>online published</u> ,	2021-22	1726-0531
105		Glacial deposits from Changme Khangpu glacier in Sikkim Himalaya, India and their mineralogical characterization,	Singh,A., Ranjan, R. K., Tewari, V. C., Lal, U. & Badekar, A. G. (2021).	Geology	Himalayan Geology. 42 (2), 312-320	2021-22	9718966
106		Architecture and Source of Alluvial Fan deposits of	Badekar, A., Goswami	Geology	Journal of The Indian	2021-22	0970-3268

		the Gish and Lish Rivers, Sikkim-Darjeeling Himalaya, India;	, U., & Samant, S. (2021).		Association of Sedimentologists. 38 (1), 55-64		
107	Assessment of neotectonic influence on intermountain terraces developed in Tista River, Sikkim Darjeeling Himalaya.;	Badekar, A. & Dutta D. (2022).	Geology	Journal of Geosciences Research , 7 (1), 56-71	2021-22	2455-1953	
108	Lithostratigraphy, sedimentary facies, petrography, geochemistry and depositional environment of the permocarboniferous Lachi formation, Sikkim Tethys Himalaya.	Tewari, V. C., Priya, R.K. & Ranjan, R. (2022).	Geology	Himalayan Geology , 43 (1B), 357-370	2021-22	ISSN 0971-8966	
109	Geochemical (REE and Trace Elements) characteristics and Tectonic setting discrimination of Permocarboniferous sandstone from Sikkim Lesser	Priya, R.K., Tewari, V.C. & Ranjan, R.K. (2021).	Geology	Russian Journal of Earth Sciences,	2021-22	N.A.	

		Himalaya, NE India.					
110	Identification of erosion-prone areas using morphometric parameters, land use land cover and multi-criteria decision-making method: geo-informatics approach .	Haokip, P., Khan, M.,A., Choudhary, P., Luc Kulimus hi L. C., & Qaraev, I (2022).	Geology	Environment, Development and Sustainability, 24, 527-557	2021-22	138758 5X, 157329 75	
111	Petrological Evaluation of Rangit Pebble Slate Formation from Sikkim Lesser Himalaya, NE India: with special reference to tectonic setting and provenance,	Priya, R. K. & Ranjan R. K. (2021).	Geology	Indian Journal of Geosciences, 75 (2), 147-158	2021-22		
112	Mineralogical variation of channel sediments deposited through glacio-fluvial activities along Teesta River: Changme basin to Sevoke, Sikkim Himalaya,	Singh, A., Anjali, R., Ranjan, R.K. & Lal, U (2021).	Geology	The Deccan Geographer, . 59(1 & 2), 68-80	2021-22	0011-7269	

113	Black Carbon Concentration during Spring Season at High Altitude Urban Center in Eastern Himalayan Region of India,	Sharma, K., Ranjan, R. K., , Lohar, S., Sharma, J., Rajak, R., Gupta, A Prakash, A. & Pandey, A. K. (2022).	Geology	Asian Journal of Atmospheric Environment, 16 (1), 1-13,	2021-22	p-ISSN: 1976-6912 e-ISSN: 2287-1160
114	Occurrence and distribution of emerging pollutants Perfluoroalkyl and Polyfluoroalkyl substances (PFASs) in the aquatic ecosystem of India,	Shukla, S., Ranjan, R.K.,,, Goel, V, Dutta, S., Pandey, D. & Prakash, A (2022).	Geology	Pollution Research , 2022 (1).	2021-22	ISSN 0257 – 8050
115	Snow Cover Area Changes in the Changme Khangpu Basin during 2002-2019, North Sikkim Himalaya, India J	Singh, A., Ranjan, R. K. & Lal, U. (2021).	Geology	Journal of Climate Change,	2021-22	IOS Press, Netherl and

	116	Phase partitioning effects on seasonal compositions and distributions of terrigenous polycyclic aromatic hydrocarbons along the South China Sea and East China Sea.	Wang, C., Thakuri, B., Roy, A. K., Mondal, N. & Chakraborty, A. (2022).	Mathematics	Science of The Total Environment, 828: 154430	2021-22	1879-1026
	117	Site Density Functional Theory and Structural Bioinformatics Analysis of the SARS-CoV Spike Protein and hACE2 Complex. 10.3390/molecules27030799)	Kumawat, N., Tucs, A., Bera, S., Chuev, G. N., Valiev, M., Fedotova, M. V., Kruchinin, S. E., Tsuda, K., Sljoka, A. & Chakraborty, A.(2022).	Mathematics	Molecules, 27, 799, doi:	2021-22	1420-3049
	118	Mutation-induced long-range allosteric interactions in the spike protein	Das, J. K., Thakuri, B., Kuman,	Mathematics	ACS Omega, 6, 31305-31320,d	2021-22	2470-1343

		determine the infectivity of SARS-CoV-2 emerging variants.	K. M., Roy, S., Sljoka, A., Sun, G. Q. & Chakraborty, A (2021).		doi: 10.1021 /acsomga.1c05155		
119		A carbohydrate-based synthetic approach to diverse structurally and stereochemically complex chiral polyheterocycles.,	Bhuyan, S., Das, D., Chakraborty, A., Mandal, S., Dhanabalan, K. & Roy, B.G. (2021).	Mathematics	Chem Asian J, 16, 4108-4121	2021-22	1861-471X
120		Equivariant one-parameter deformations of Lie triple systems.	Yadav, R. B., Behera, N. & Bhutia, R. (2021).	Mathematics	Journal of Algebra, 568, 467-479.	2021-22	0021-8693
121		Fiedler Linearizations for Higher Order State-Space Systems.	Behera, N. (2022).	Mathematics	Jr of Indian Mathematical Society (Accepted)	2021-22	2455-6475
122		<u>Nanosecond pulsed laser ablation of Al-Cu-</u>	R Rawat, A Tiwari, N Arun,	Physics	Journal of Alloys and	2021-22	0925-8388

		<u>Fe quasicrystalline material: Effects of solvent and fluence.</u>	SVS Nageswara Rao, AP Pathak, Yagnesh Shadangi, NK Mukhopadhyay, S Venugopal Rao, A Tripathi (2021).		Compounds 859 (2021) 157871		
123		<u>Competition between off-resonant and on-resonant processes in electromagnetically induced transparency in presence of magnetic field.</u>	Ranjit Kumar Singh, Nayan Sharma, Indra Hang Subba, Souvik Chatterjee, Ajay Tripathi.	Physics	Physics Letters A, 416, 127673	2021-22	0375-9601
124		<u>200 MeV Ag ion irradiation mediated green synthesis and self assembly of silver nanoparticles into dendrites for enhanced SERS applications.</u>	Laden Sherpa, Nimmala Arun, SVS Nageswara Rao, SA Khan, AP Pathak, Ajay	Physics	Radiation Physics and Chemistry, 193, 109966	2021-22	0969-806X

			Tripathi, Archana Tiwari (2022).				
125	Holographic Fermi surfaces in charge density wave from D2-D8.	Subir Mukhopadhyay and Nishal Rai. (2021)	Physics	Journal of High Energy Physics 09 (2021) 160	2021-22	2021	
126	Saponins from Albizia procera extract: Surfactant activity and preliminary analysis,	Ambika Pradhan, Samuzal Bhuyan, Karan Chhetri, Susanta Mandal, Amitabh a Bhattacharya	Physics	Colloids and Surfaces A: Physicochemical and Engineering Aspects 643 (2022) 128778-86	2021-22	0927-7757	
127	Natural surfactant system: precursor flow in one-shot two-dimensional foam drainage,	Ambika Pradhan and Amitabh a Bhattacharya,	Physics	European Physical Journal E (2021) 44:110-117	2021-22	1292-8941	
128	Through the Eyes of Queen Brownia: Stories to Learn Physics,	Amitabh a Bhattacharya,	Physics	Daath Voyage: An International	2021-22	2455-7544	

					Journal of Interdisciplinary Studies in English, 6, (3), September, 2021		
129	Create Learning Spaces For Inclusive Learning With Smart And Assistive Technologies,	R.S.S.Nehru and Ton Quang Cuong(2021).	Education	Design Engineering, Vol. Issue: 8, pp - 2930-2941,	2021-22	ISSN: 0011-9342 (Scopus Indexed)	
130	Challenges in Developing Critical Thinking Skills in Students.	P.Janardhana Kumar Reddy and R.S.S Nehru(2021).	Education	Turkish Online Journal of Qualitative Inquiry (TOJQI), 12(10), pp.45 – 69,	2021-22	e-ISSN 1309-6591 , (Scopus Indexed)	
131	How Might Covid-19 Impact Future K-12 Biology Curricula: Paradigm And Principles.	R. S. S.Nehru & Ton Quang Cuong. (31 C.E.).	Education	Vidyabharaati International Interdisciplinary Research Journal (Special	2021-22	ISSN 2319-4979 (WoS). http://www.vijr.org/specialissues/	

					Issue), p.2352- 2355. 2021/SP 2110/SP 2110.ht ml		
	132	A study on awareness of women legal rights among women students studying in college of East District of Sikkim, Vol. XIII, Issue IV, April 2021, page- 894-908	Majumdar, Aditi & Verma, A. (2021).	Educatio n		2021- 22	0886- 9367
	133	Attitude of Teacher Educators towards two yeas B. Ed. Programme, Vol. XIII, Issue VI, June 2021, page- 1811-1831	Tamang, Prabin & Verma, A. (2021).	Educatio n		2021- 22	0022- 1945
	134	Do psychological social and financial perceptions of postretirement life and demography influence the retirement planning behaviour?.	Murari, K.; Shukla, S.; Adhikari, B. (2021).	Manage ment	Internati onal Journal of Social Economi cs, Vol. 48 (11), 1545- 1566.	2021- 22	ISSN: 0 306- 8293

135	Decoding the Elements of Human Rights from the Verses of Ancient Védic Literature and Dharmasāstras.	Kumar, S., & Choudhury, S. (2021).	Management	Literature, Vol. 1 (1), 24–40.	2021-22	1360-1385
136	Probable Difficulties Confronted By Customers: With Reference To Renewable Energy.	Rai, R., Sharma N.D., Jha A., Pradhan B.B (2021).	Management	Psychology and Education Journal, Vol. 58(3), 3584-3595.	2021-22	1553-6939
137	Effect of gender and prior exposure to family business on entrepreneurial intentions: Empirical evidences from India.	Shukla, S., Kumar, R., & Kaushal, S. K. (2021).	Management	Journal of Asia Entrepreneurship and Sustainability, 17 (7), 51-72.	2021-22	1177-4541
138	Communication through traditional rituals: A study of 'Pang Lhabsol' as a medium	Chattopadhyay, A., & Das, M.K. (2021).	Mass Communication	Communicator, LVI (2), 72-80	2021-22	1360-1385

	for socio-religious parley.						
	https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf						
3.4.9	Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University						
Q_nM	Scopus						
	Year	2018	2019	2020	2021	2022	
	Publication (as on 23rd Nov 21)	79	100	134	122	135	
	h-Index	13	13	9	4	6	
	Web of Science						
	Year	2018	2019	2020	2021	2022	
	Publication (as on 23rd Nov 21)	45	62	79	67	69	
	h-Index	10	12	7	4	4	

Key Indicators – 3.5 Consultancy

Metric No.					
3.5.1 Q ₁ M	<p>Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy</p> <p>Yes</p>				
3.5.2 Q _n M	<p>Revenue generated from consultancy and corporate training during the year(INR in Lakhs)</p> <p>3.5.2.1: Total amount generated from consultancy and corporate training during the year (INR in lakhs)</p> <table border="1" data-bbox="331 965 746 1077"> <thead> <tr> <th data-bbox="331 965 528 1021">Year</th> <th data-bbox="528 965 746 1021">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="331 1021 528 1077">Number</td> <td data-bbox="528 1021 746 1077">0</td> </tr> </tbody> </table>	Year	2021-22	Number	0
Year	2021-22				
Number	0				

Key Indicators - 3.6 Extension Activities

Metric No.	
3.6.1 Q _i M	<p>Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year</p> <p>NSS</p> <ol style="list-style-type: none"> 1. On 12/05/2021 NSS Unit III of Sikkim University organized “An online awareness activity on Covid-19 Vaccination” where the 35 volunteers of the unit participated and made attractive posters, slogans and videos on the importance of getting CoVID-19 Vaccination. 2. Sikkim University National Service Scheme (NSS) Cell observed 5th June, 2021 as World Environment Day that had the theme for the year 2020 as “Celebrate Biodiversity”. The program was organised by NSS Unit III of Sikkim University. Unit-III organized a Plantation Drive Programme. On this day 34 Volunteers of NSS Unit III actively participated and planted saplings at their own places. Volunteers made beautiful paintings and videos related to Environment protection. 3. On 31st May 2021 Unit-III observed No Tobacco Day (online).and the volunteers of Unit - III by making videos awareness. 4. International Yoga Day, 2021 was organised in the online webinar mode through the Google Meet application. The theme of ‘International Yoga Day’ was “yoga for wellness”. The objective of the program was to encourage students, faculty members and staff of the university to practice yoga at home and stay healthy during the pandemic. The program began with the address by Ms.

Meenakshi Barthakur, the 'Consultant Psychologist' on the benefits of yoga in stress management followed by the address of Mr Chinmoy Sharma, the yoga practitioner and pranayama expert. The expert delivered a talk on the various exercises that can be performed followed by a small session on Meditation. The Program was chaired by Professor Jyoti Prakash Tamang, Esteemed Registrar, Sikkim University followed by screening of Video – On Yoga for around 10 Minutes.

5. Alongwith common Yoga day celebration NSS Unit III of Sikkim University organized Yoga Day Programme on World International Yoga Day 21st June 2021. The main motive to hold this programme was to create awareness regarding the importance of Yoga to stay a healthy life. 30 Volunteers of NSS Unit III actively participated in the Yoga Programme.
6. On 25th July 2021 an online talk on Impact of Covid-19 pandemic on International Relations was organised by Unit- III. The talk was delivered by Dr. Amit Kumar Gupta.
7. A special lecture (online) by Dr.Anusuya Devi (Assistant Professor, Department of Nutrition and Dietetics of PSG College of Arts and Science, Coimbatore, Tamil Nadu) on 14th September 2021 as part of the National Nutrition Week, which is the initiative of the Government of India.
8. NSS Unit III of Sikkim University organized an online poster making on 'Vigilance Awareness Week' (October 28- November 1) with the theme "Independent India@75 Self Reliance with Integrity". 7 Volunteers of NSS Unit III actively participated and made the posters

9. NSS Unit III of Sikkim University organized an online poster awareness program on World Aids Day on 1st December 2021 with the theme “End Inequalities Ends AIDS”. 36 volunteers from NSS Unit III have participated and made posters on the above theme.
10. A special lecture on Women and Environment (online) by Ms. Thenmozhi V, IFS (DFO(HQ), Forest Secretariat, Gangtok, Sikkim) on 08th March 2022 as part of the International Women’s Day, 2022 was delivered.
11. On 15th January 2022 NSS Unit III of Sikkim University organised Surya Namaskar Programme. 7 Volunteers of NSS Unit III actively participated send their videos and pictures doing Surya Namaskar.
12. On 23/03/2022 NSS Sikkim University organized a Martyr’s Day programme.
13. An Online Collaborative Online Training/Workshop on Capacity Building on Industrial Relations and New Labour Codewith the VVGiri National Labour Institute (Ministry of Labour and Employment, GoI) was organised by Sikkim University NSS Cell. The specific objective of the programme was to enhance the capacity of the participants on behaviour skills and social security provisions.

S. No.	Program me Title	Fundi ng Agency	Date	Resource Persons	In-house Partici pants	Name of Coordin ator/Co nvenner
1	Internati onal Yoga Day	NSS	21 June	Ms Meenakshi Barthakur- Consultant Psychologist, Mr Chinmoy -Yogaga Practitioner and Pranayama Expert Prof J P Tamang- In the Chai	61	Dr Nidhi Saxena
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3	National Nutrition Week	NSS	14 th Septem ber 2021	Dr. Anusuya Devi	60	Dr S. Jeevana ndan
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	Industria 1 Relations and New Labour Code									
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf										
3.6.2 Q_nM	<p>Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year</p> <p>3.6.2.1: Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year</p> <p>NSS</p> <table border="1" data-bbox="336 1126 751 1240"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>0</td> </tr> </tbody> </table>						Year	2021-22	Number	0
Year	2021-22									
Number	0									
3.6.3 Q_nM	<p>Number of extension and outreach programs conducted by the institution including those through NSS/NCC/ Government and Government recognised bodies during the year</p> <p>NSS</p> <table border="1" data-bbox="336 1469 751 1583"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>19</td> </tr> </tbody> </table> <p>Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year</p> <p>NSS</p> <p>1. On 12/05/2021 NSS Unit III of Sikkim University organized “An online awareness activity on Covid-19 Vaccination” where the 35 volunteers of the unit participated and made attractive posters,</p>						Year	2021-22	Number	19
Year	2021-22									
Number	19									

slogans and videos on the importance of getting CoVID-19 Vaccination.

2. Sikkim University National Service Scheme (NSS) Cell observed 5th June, 2021 as World Environment Day that had the theme for the year 2020 as “Celebrate Biodiversity”. The program was organised by NSS Unit III of Sikkim University. Unit-III organized a Plantation Drive Programme. On this day 34 Volunteers of NSS Unit III actively participated and planted saplings at their own places. Volunteers made beautiful paintings and videos related to Environment protection.
3. On 31st May 2021 Unit-III observed No Tobacco Day (online).and the volunteers of Unit - III by making videos awareness.
4. International Yoga Day, 2021 was organised in the online webinar mode through the Google Meet application. The theme of ‘International Yoga Day’ was “yoga for wellness”. The objective of the program was to encourage students, faculty members and staff of the university to practice yoga at home and stay healthy during the pandemic. The program began with the address by Ms. Meenakshi Barthakur, the ‘Consultant Psychologist’ on the benefits of yoga in stress management followed by the address of Mr Chinmoy Sharma, the yoga practitioner and pranayama expert. The expert delivered a talk on the various exercises that can be performed followed by a small session on Meditation. The Program was chaired by Professor Jyoti Prakash Tamang, Esteemed Registrar, Sikkim University followed by screening of Video – On Yoga for around 10 Minutes.
5. Alongwith common Yoga day celebration NSS Unit III of Sikkim University organized Yoga Day Programme on World International Yoga Day 21st June 2021. The main motive to hold this

programme was to create awareness regarding the importance of Yoga to stay a healthy life. 30 Volunteers of NSS Unit III actively participated in the Yoga Programme.

6. On 25th July 2021 an online talk on Impact of Covid-19 pandemic on International Relations was organised by Unit- III. The talk was delivered by Dr. Amit Kumar Gupta.
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	<p>III actively participated send their videos and pictures doing Surya Namaskar.</p> <p>12. On 23/03/2022 NSS Sikkim University organized a Martyr's Day programme.</p> <p>13. An Online Collaborative Online Training/Workshop on Capacity Building on Industrial Relations and New Labour Codewith the VVGiri National Labour Institute (Ministry of Labour and Employment, GoI) was organised by Sikkim University NSS Cell. The specific objective of the programme was to enhance the capacity of the participants on behaviour skills and social security provisions.</p>
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	https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf					
3.6.4	Total number of students participating in extension activities listed at 3.6.3 above during the year					
Q_nM						
	Year	2021-22				
	Number	415				

S. No.	Program me Title	Fundi ng Agency	Date	Resource Persons	In-house Partici pants	Name of Coordin ator/Co nvenor
1	Internati onal Yoga Day	NSS	21 June	Ms Meenakshi Barthakur- Consultant Psychologist, Mr Chinmoy -Yogaga Practitioner and Pranayama Expert Prof J P Tamang- In the Chai	61	Dr Nidhi Saxena
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<p>https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf</p>						

Key Indicator - 3.7 Collaboration

Metric No.							
3.7.1	Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year						
Q_nM	3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year						
	Year	2021-22					
	Number	7					
Sl	Title of the collaborative activity	Department	Name of the collaborating agency with contact details	Source of financial support	Year of collaboration	Duration	Nature of the activity
1	Lecture by Foreign Secretary	International Relations	MoEA, GoI	MoEA, GoI	2021	03 April 2021	Conference
2	Para-hydrologists Training Workshop	PEACE and Conflict Studies and Management	NMHS	NMHS	2021	19 December 2021	Workshop
3	National Seminar on "Rethinking Social Exclusion:	English	Sikkim University	Sikkim University	2021	2021	Seminar

	Issues and Perspectives		y & ICSSR- NERC	ity & ICSSR- NERC			
4	NEP- 2022 & Languages	Hindi	UGC- HRDC, JNVU	UGC- HRDC, JNVU	2022	29 March 2022	Webinar
5	Online capacity building program "2nd Advanced Training Program on Water Resource Management, Glacier Monitoring & Climate Change Studies"	Geology	DST	DST	2022	29 January – 18 February, 2022,	Webinar
6	Luca Pacioli Endowment Lecture on 'Using Artificial Intelligence / Machine Learning in Corporate Affairs' Mrs. Nandita Mishra, Economic Advisor, Ministry of Corporate Affairs, Government of India	Commerce	Luca Pacioli Endowment, Sikkim University	Luca Pacioli Endowment, Sikkim University	2021	17 August 2021	Lecture
7	ATAL Sponsored FDP on Improving Personal Effectiveness at Workplace	Management	AICTE	AICTE	2021	1-5 September 2021	Workshop
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf							

3.7.2	Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year				
Q_nM					
	<table border="1"> <tr> <th>Year</th> <th>21-22</th> </tr> <tr> <td>Number</td> <td>0</td> </tr> </table>	Year	21-22	Number	0
Year	21-22				
Number	0				

Criterion IV – Infrastructure and Learning Resources

Key Indicator - 4.1 Physical Facilities

Metric No	
<p>4.1.1 Q_iM</p>	<p>The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.</p> <p>The University continues to operate from over 40 hired premises in the city of Gangtok. In all, 112 classrooms, 25 laboratories appropriately equipped (Wifi service, laptops/desktops, projectors etc.) according to the needs of individual departments are available. The work for construction of the permanent campus of the University is under progress. The University is constructing 50 seaters (20 Nos) classroom block, Library building, Faculty building and a Teaching Lab in the Academic Zone during existing construction project the subsequent teaching and research facility will be taken up subsequently in phase wise manner. The buildings shall be adequately furnished and equipped once completed.</p>
<p>4.1.2 Q_iM</p>	<p>The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)</p> <p>The University has two multipurpose halls (Cauvery Hall and Barad Sadan) which are used routinely to organise diverse cultural events throughout the year. To facilitate proper functioning, these halls are well furnished and equipped with necessary facilities. A fully functional gymnasium equipped with modern gadgets is available to all faculty members, non-teaching staff and student community.</p>

	Likewise, the NSS cell has the responsibility of conducting yoga sessions on regular basis in the multipurpose halls.				
4.1.3 Q₁M	<p>Availability of general campus facilities and overall ambience</p> <p>Sikkim University is currently functioning from over 40 rented buildings along the National Highway-10. The rented infrastructure consists of Academic Buildings, Laboratories, Library, Office space, Multi-purpose Hall, Guest House, Hostels and accommodation for Statutory Officers.</p> <p>The University has ensured best utilization of the available space and has furnished the labs and departments with all modern facilities. The classrooms are equipped with all necessary teaching resources. The University has also ensured appropriate furnishing in all hostels for comfortable stay of the students.</p> <p>The work for construction of the permanent campus of the University is under progress. The University is constructing 50-seater classroom block, Library building, Faculty building and Laboratories in the Academic Zone. The University is also constructing an Admin building, hostels and residential quarters in the permanent campus which once completed will enable the University to start shifting from the rented premises. Apart from the above buildings, additional infrastructures shall be coming up in the permanent campus in a phased manner.</p>				
4.1.4 Q_nM	<p>Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)</p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>**</td> </tr> </table>	Year	2021-22	Number	**
Year	2021-22				
Number	**				

Key Indicator - 4.2 Library as a Learning Resource

Metric No.	
4.2.1 Q ₁ M	<p>Library is automated using Integrated Library Management System (ILMS) and has digitisation facility</p> <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"> ➤ Acquisition (Online Recommendation, Ordering, Receiving & Billing) ➤ Cataloguing (Allowing entering of metadata of books, periodicals, Z39.5, Inter Library Loan) ➤ Circulation (RFID integrated shelf Check-in-Check-out, Smart Card) ➤ Automated Email Alerts (Check-in, Check-Out, Overdue reminders) ➤ Serial Management (Ordering & Tracking of Periodicals) ➤ The Online Public Access Catalogue available globally facilitating searching of books, online recommendations, dues payment etc <p>The Automated Library system has also provision for managing Digital Contents such as e-Books, articles, Document Delivery Services, Inter Library Loan. The e-Books subscribed by the library have been catalogued so that along with the print books, user can also able to search e-books and single click download facility within the Network of the Sikkim University. The library has scanner which is used to digitize documents as and when needed.</p>

	Digitization Facility No. Fujitsu SV600 scanner-3 Photocopier with the embedded scanner-1 Printer with the embedded scanner-3														
4.2.2 Q_nM	Institution has subscription for e-Library resources Library has regular subscription for the following: 1. e – journals 2. e-books 3. e-ShodhSindhu 4. Shodhganga 5. Databases Options: A. Any 4 or all of the above														
4.2.3 Q_nM	Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs) <table border="1" data-bbox="336 1093 751 1267"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>81.02 Lakhs</td> </tr> </table> <table border="1" data-bbox="336 1323 1409 1473"> <tr> <td>Year</td> <td>2018-19</td> <td>2019-20</td> <td>2020-21</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>176.13</td> <td>261.68</td> <td>102.36</td> <td>81.02 L</td> </tr> </table>	Year	2021-22	Number	81.02 Lakhs	Year	2018-19	2019-20	2020-21	2021-22	Number	176.13	261.68	102.36	81.02 L
Year	2021-22														
Number	81.02 Lakhs														
Year	2018-19	2019-20	2020-21	2021-22											
Number	176.13	261.68	102.36	81.02 L											
4.2.4 Q_nM	Number of usage of library by teachers and students per day (foot falls and login data for online access) <table border="1" data-bbox="336 1644 751 1756"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>117642</td> </tr> </table> <table border="1" data-bbox="336 1868 1275 2029"> <tr> <td>Year</td> <td>2021-22</td> <td>2021-22</td> </tr> <tr> <td></td> <td>Total</td> <td>Per Day</td> </tr> <tr> <td>Students (Physical)</td> <td>18147</td> <td>70</td> </tr> </table>	Year	2021-22	Number	117642	Year	2021-22	2021-22		Total	Per Day	Students (Physical)	18147	70	
Year	2021-22														
Number	117642														
Year	2021-22	2021-22													
	Total	Per Day													
Students (Physical)	18147	70													

	Teachers (Physical)	1338	5	
	Online Access (including Remote Access & OPAC)	368	10	
	Electronic Access (Electronic Resources)	97789	268	
	Total	117642	353	

Key Indicator – 4.3 IT Infrastructure

Metric No.																				
4.3.1 Q _n M	<p>Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Year</th> <th colspan="3" style="text-align: center;">2021-22</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Number</td> <td colspan="3">Classrooms-112 Seminar Halls – 4 Laboratories -25</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sl No</th> <th style="text-align: center;">Number of Classrooms with LCD facilities</th> <th style="text-align: center;">Number of Classrooms with Wi-Fi/LAN facilities</th> <th style="text-align: center;">Number of Seminar halls with ICT facilities</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">112</td> <td style="text-align: center;">112</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>				Year	2021-22			Number	Classrooms-112 Seminar Halls – 4 Laboratories -25			Sl No	Number of Classrooms with LCD facilities	Number of Classrooms with Wi-Fi/LAN facilities	Number of Seminar halls with ICT facilities	1	112	112	4
Year	2021-22																			
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Sl No	Number of Classrooms with LCD facilities	Number of Classrooms with Wi-Fi/LAN facilities	Number of Seminar halls with ICT facilities																	
1	112	112	4																	
4.3.2 Q _i M	<p>Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility</p> <p>These proposed guidelines envision the various strategic procedures that should be adopted by the University to streamline Planning, Request Raising, Request Assessment, Procurement, Deployment, Allotment, Asset Management, Penalty conditions, Use and Disposal of Computers and ICT Infrastructure Items.</p> <p>Some of the highlights of the proposed vision document are:</p> <ol style="list-style-type: none"> 1. Definition of Computers and ICT infrastructure items. 2. Objective of the Policy Document. 3. Exclusion from the policy document. 4. Listing and categorization of Computers and ICT Infrastructure items with crucial attributes such as depreciation rate, expected operational years and proposed warranty coverage in years to 																			

facilitate various allied operations for the respective categories of items.

5. Categorization of Computers and ICT infrastructure items.
6. Policy Principles and Working Guidelines discusses applicability of policy, its principles, and working guidelines, constitution and roles of Technical Expert Committee and Central Computers & ICT infrastructure items Procurement Committee.
7. The document proposes constitution of various committees and associates set of well- defined roles and responsibilities for such committees. The document explicitly highlights the roles and the responsibilities of Section/Department Head/In-Charge, Technical Expert Committee, Central Computers and ICT Infrastructure items Procurement Committee, Task Force committee, vendors, service providers, various departments/sections of the University like Finance department, Administration, System Management, Central Stores and other stakeholders related to Computers and ICT Infrastructure items.
8. To facilitate timely execution of various works related to Computers and ICT Infrastructure items, the document highlights a neatly build chronologically ordered set of well-defined steps for requirement and asset management. Associated with every steps are the job description and stipulated timestamps.
9. The document expresses the urgent need for building a mechanism for effective management of ever growing institutional assets, its tracking, monitoring, up-keep and disposal through a computerized asset management solution. Also to facilitate improved and efficient services, the committee has also expressed the need of facility management service and upgradation of existing AMC contracts to efficiently meet the ever growing need of IT service and support requirements of various University departments and sections.

	<p>10. The document also discusses some important aspects such as Handing over Policy, Disposal and auctioning, Monitoring and Control, Adherence to CVC Rules, Adherence to GFR Rules and Amendment Policy.</p> <p>11. The document projects a detailed comprehensive procurement plan for Computers and ICT infrastructure items.</p> <p>12. The document also presents planned allocation policies of Computers and ICT infrastructure items.</p> <p>13. For full details, please refer to the Guidelines document for procurement, allocation and disposal of Computers and ICT infrastructure items.</p>
<p>4.3.3 Q_nM</p>	<p>Student - Computer ratio during the year</p> <p>Number of students: Number of Computers available to students for academic purposes</p> <p>1:2.25</p>
<p>4.3.4 Q_nM</p>	<p>Available bandwidth of internet connection in the Institution (Leased line)</p> <p>Options:</p> <ul style="list-style-type: none"> • ≥1 GBPS
<p>4.3.5 Q_nM</p>	<p>Institution has the following Facilities for e-content development</p> <ol style="list-style-type: none"> 1. Media centre 2. Audio visual centre 3. Lecture Capturing System(LCS) 4. Mixing equipment's and softwares for editing <p>Options:</p> <p>A. Any 2 of the above</p>

Key Indicator - 4.4 Maintenance of Campus Infrastructure

Metric No.						
4.4.1 Q _n M	<p>Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year</p> <table border="1" data-bbox="331 600 746 712"> <thead> <tr> <th data-bbox="331 600 528 651">Year</th> <th data-bbox="528 600 746 651">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="331 651 528 712">Number</td> <td data-bbox="528 651 746 712">N.A.</td> </tr> </tbody> </table>		Year	2021-22	Number	N.A.
Year	2021-22					
Number	N.A.					
4.4.2 Q _i M	<p>There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</p> <p>Yes</p> <p>The proposed guidelines envision the various strategic procedures that should be adopted by the University to streamline Planning, Request Raising, Request Assessment, Procurement, Deployment, Allotment, Asset Management, Penalty conditions, Use and Disposal of Computers and ICT Infrastructure Items.</p> <p>Some of the highlights of the proposed vision document are:</p> <ol style="list-style-type: none"> 1. Definition of Computers and ICT infrastructure items. 2. Objective of the Policy Document. 3. Exclusion from the policy document. 4. Listing and categorization of Computers and ICT Infrastructure items with crucial attributes such as depreciation rate, expected operational years and proposed warranty coverage in years to facilitate various allied operations for the respective categories of items. 5. Categorization of Computers and ICT infrastructure items. 6. Policy Principles and Working Guidelines discusses applicability of policy, its principles, and working guidelines, constitution and 					

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Criterion V - Student Support and Progression

Key Indicator - 5.1 Student Support

Metric No.					
5.1.1 Q _n M	<p>Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the year (other than the students receiving scholarships under the government schemes for reserved categories)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Year</th> <th style="text-align: center;">2021-22</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Number</td> <td> <ul style="list-style-type: none"> • 42-no. of full fellowship @ Rs 3000/- by Sikkim Univeristy • 26-full free-ship by Sikkim Univeristy • 33-half free-ship by Sikkim Univeristy • 244-Non-NET fellowships by Sikkim Univeristy • 17-JRF • 4-SRF • 4-Doctoral Fellowship • 2-Post-Doctoral Fellowship </td> </tr> </tbody> </table>	Year	2021-22	Number	<ul style="list-style-type: none"> • 42-no. of full fellowship @ Rs 3000/- by Sikkim Univeristy • 26-full free-ship by Sikkim Univeristy • 33-half free-ship by Sikkim Univeristy • 244-Non-NET fellowships by Sikkim Univeristy • 17-JRF • 4-SRF • 4-Doctoral Fellowship • 2-Post-Doctoral Fellowship
Year	2021-22				
Number	<ul style="list-style-type: none"> • 42-no. of full fellowship @ Rs 3000/- by Sikkim Univeristy • 26-full free-ship by Sikkim Univeristy • 33-half free-ship by Sikkim Univeristy • 244-Non-NET fellowships by Sikkim Univeristy • 17-JRF • 4-SRF • 4-Doctoral Fellowship • 2-Post-Doctoral Fellowship 				
5.1.2 Q _n M	<p>Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Year</th> <th style="text-align: center;">2021-22</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Number</td> <td style="text-align: center;">NIL</td> </tr> </tbody> </table>	Year	2021-22	Number	NIL
Year	2021-22				
Number	NIL				
5.1.3 Q _n M	<p>Following Capacity development and skills enhancement initiatives are taken by the institution</p> <ol style="list-style-type: none"> 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology <p>Options:</p>				

	<p>A. All of the above</p> <p>B. Any 3 of the above</p> <p>C. Any 2 of the above</p> <p>D. Any 1 of the above</p> <p>E. None of the above</p> <p>C. Any 2 of the above</p> <ul style="list-style-type: none"> • Yoga: introduced in 2018 under the NSS cell of the university. • Communication skill: introduced in 2011 for enhancing English communication of students by the university. • Agency involved: Sikkim University
<p>5.1.4</p> <p>Q_nM</p>	<p>The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</p> <ul style="list-style-type: none"> • Implementation of guidelines of statutory/regulatory bodies • Organisation wide awareness and undertakings on policies with zero tolerance • Mechanisms for submission of online/offline students' grievances • Timely redressal of the grievances through appropriate committees <p>Options:</p> <ul style="list-style-type: none"> • All of the above

Key Indicator - 5.2 Student Progression

Metric No.																																																																																	
5.2.1	<p>Number of students qualifying in state/ national/ international level examinations during the year (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations)</p> <p>5.2.1.1: Number of students who qualified in state/ national/ international examinations (e.g.: IIT/JAM/NET/SET/JRF/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>56</td> </tr> </tbody> </table>	Year	2021-22	Number	56																																																																												
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	3	SLET	Sl No	Department	NET					
			1	BOTANY	2					
	4	GATE	Sl No	Department	NET					
			1	MICROBIOLOGY	4					
			2	ZOOLOGY	1					
			3	PHYSICS	3					
	6	Others	Sl No	Department	NET					
			1	BOTANY	1					
			2	PHYSICS	1					
	<p>https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf</p> <p>5.2.1.2: Number of students who appeared in state/ national/ international examinations (e.g.: IIT/JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Number</td> <td>N.A.</td> </tr> </tbody> </table>							Year	2021-22	Number
Year	2021-22									
Number	N.A.									
5.2.2	Total number of outgoing students placed during the year									
Q_nM	Year		2021-22							
	Number		160							
	Sl No	Name of Student	Department	Semester	Organisation where placement is made	Place (City and Country)				
1	Dr. Anuradha Thapa	International Relations	PhD	Geyzing Government College, Sikkim	Dr. Anuradha Thapa					

2	Jashi Maya Gurung	Sociology	PG	SRM University Sikkim	Gangtok, Sikkim
3	SesirGhi miray	Sociology	PG	ICAR Pakyong	Pakyong, Sikkim
4	Juliya Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
5	Sarolin Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
6	Nitya Gurung	Sociology	PG	HRDD, Government of Sikkim	Sikkim
7	Neeru Chettri	Sociology	PG	HRDD, Government of Sikkim	Sikkim
8	Surya Kumar Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
9	RinzingC hoden Bhutia	Sociology	PG	HRDD, Government of Sikkim	Sikkim
10	Manisha Gurung	Sociology	PG	HRDD, Government of Sikkim	Sikkim
11	Priyanka Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
12	Saugat Pradhan	Sociology	PG	HRDD, Government of Sikkim	Sikkim
13	JanukaS ubba	Sociology	PG	HRDD, Government of Sikkim	Sikkim
14	Sujata Sharma	Sociology	PG	HRDD, Government of Sikkim	Sikkim

15	Meenakshi Pradhan	Sociology	PG	HRDD, Government of Sikkim	Sikkim
16	Bidhya Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
17	Lamit Lepcha	Sociology	PG	HRDD, Government of Sikkim	Sikkim
18	Sweety Rai	Sociology	PG	HRDD, Government of Sikkim	Sikkim
19	Mira Tamang	Sociology	PG	HRDD, Government of Sikkim	Sikkim
20	Samnim Lepcha	Anthropology	PG	Anthropological Survey of India	Kolkata, India
21	Mongfing Lepcha	Anthropology	PG	Anthropological Survey of India	Kolkata, India
22	Duka Devi Chettry	Anthropology	PG	Ministry of Skill Development and Entrepreneurship, under Government of India, (Academic partner Indian Institute of Management, Nagpur)	Nagpur, India
23	Anamika Limboo	Anthropology	PG	Sikkim University, Gangtok	Gangtok, India
24	Chadni Sharma	Anthropology	PG	Olive Manufacturing Marketing Co.	Siliguri, India
25	Mohan Kumar Chettri	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India

26	Dixa Chettri	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
27	Tashila Bhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
28	Suman Kumar Bhattarai	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
29	Nima Doma Bhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
30	Pema Chuki Bhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
31	Monika Chhetri	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
32	Ongmula Bhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
33	Suchitra Dahal	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
34	Pema Namgyal Bhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT-Geography)	Sikkim, India
35	Aruna Shankar	Geography	PG	Education Department, Govt.	Sikkim, India

					Of Sikkim (PGT- Geography)	
36	Bhuwan Sunar	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
37	Pranisha Subba	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
38	Sameer Rai	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
39	PemaYan kiBhutia	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
40	Rita Chettri	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
41	Mamta Chettri	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
42	Tenzing Choden Gurung	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
43	Prerna Dhamala	Geography	PG	Education Department, Govt. Of Sikkim (PGT- Geography)	Sikkim, India	
44	Anjuli Gurung	Geography	PG	Education Department, Govt. Of Sikkim (Assistant	Sikkim, India	

					Professor- Govt. College Rhenock)	
45	Dakshina Kharel	Geography	PG	Education Department, Govt. Of Sikkim (Assistant Professor- Nar Bahadur Bhandari Degree College)	Sikkim, India	
46	Mr. Yunesh Chettri	Psychology	PG	Signal X Pvt. Limited, Hyderabad, India	Hyderabad	
47	Ms. Anshu Sharma	Psychology	PG	SPYM, New Delhi, India	New Delhi	
48	Ms. Phurkit Lepcha	Psychology	PG	Psychologist, District Hospital, Mangan, North Sikkim	Mangan	
49	Ms. Udita Devi	Psychology	PG	Technical Assistant, ICMR Project, LGBRIMH, Tezpur, Assam	Tezpur	
50	Ms. Rhicha Raman Jha	Psychology	PG	Assistant Prof., Amity University, Kolkata	Kolkata	
51	Ms. Rimi Deori	Psychology	PG	Special Educator, Pragati NGO, Guwahati, Assam	Guwahati	
52	Ms. Disha Kashyap	Psychology	PG	Counsellor, DPS, Tezpur, Assam	Tezpur	
53	Mr. Gitarth Pratim Kusre	Psychology	PG	Assistant Prof, BKB College, Nagaon, Assam	Nagaon	

54	Ms. Madhuri Borah	Psychology	PG	Counsellor, Drug Rehab Centre, Dibrugarh, Assam	Dibrugarh
55	Prince Kumar	Chinese	UG	Associates (SPS), Amazon Sutherland global service (Chennai)	Chennai, India
56	Seema Sharma	Chinese	UG	Assistant Manager, Wingtech Mobile Communication Pvt.Ltd.	Andhra Pradesh, India
57	Saumya Kumar	Chinese	UG	Associates (CS-Internet), Amazon Sutherland global service (Chennai)	Chennai, India
58	Kriti Kashyap	Chinese	UG	Associates (SPS), amazon Sutherland global service (Chennai)	Chennai, India
59	Vikash Kumar	Chinese	UG	Associates (SPS), Amazon Sutherland global service (Chennai)	Chennai, India
60	Richa Khati	English	PG	Assistant Professor, Pathar Pratima Mahavidyalaya	Pathar Pratima, India
61	Rohit Kumar De	English	PG	Sikkim University (Guest Faculty)	Gangtok, India
62	Mr.Tashi Tshering Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
63	Pumchun Lepcha	Lepcha	PG	Government of Sikkim	Sikkim

64	Binomith Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
65	DikeeLh amu Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
66	Ongden Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
67	Solomit Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
68	Remit Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
69	Mangalki th Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
70	Ongden Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
71	Karma Lhendup Lepcha	Lepcha	PG	Government of Sikkim	Sikkim
72	Ajeet Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
73	Mercy Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
74	Buddhi Hangma Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
75	Suk LallLimbo oo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
76	Temen Hang Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
77	Mangal HangLim boo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim

78	Sushima Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
79	Hang Maya Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
80	Sera Hangma Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
81	EnglaHa ngmaLim boo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
82	Buddhi Man Limboo	Limbu	PG	Education Department, Govt. of Sikkim	Sikkim
83	Anjali Sharma	Nepali	PG	Govt. Of Sikkim	West Sikkim
84	Dew Prakesh Sharma	Nepali	PG	Govt. of Sikkim	West Sikkim
85	Narayani Dhungle	Nepali	PG	Govt. of Sikkim	South Sikkim
86	Pem Lhamu Tamang	Nepali	PG	Govt. of Sikkim	West Sikkim
87	Dikka Subba	Nepali	PG	Govt. of Sikkim	South Sikkim
88	Manita Rasaily	Nepali	PG	Govt. of Sikkim	West Sikkim
89	Dil Kumar Maly	Nepali	PG	Govt. of Sikkim	South Sikkim
90	Bandana Gautam	Nepali	PG	Govt. of Sikkim	East Sikkim
91	Reshma Tamang	Nepali	PG	Govt. of Sikkim	East Sikkim
92	Poonam Luitel	Nepali	PG	Govt. of Sikkim	East Sikkim

93	SangayD orjee Tamang	Nepali	PG	Govt. of Sikkim	East Sikkim
94	PadamB h. Chhetri	Nepali	PG	Govt. of Sikkim	West Sikkim
95	Anjali Rai	Nepali	PG	Govt. of Sikkim	East Sikkim
96	Hema Pradhan	Nepali	PG	Govt. of Sikkim	South Sikkim
97	Roshika Tamang	Nepali	PG	Govt. of Sikkim	South Sikkim
98	Kausilya Chettri	Nepali	PG	Govt. of Sikkim	West Sikkim
99	Ambika Devi Dahal	Nepali	PG	Govt. of Sikkim	East Sikkim
100	Shalibya Rai	Nepali	PG	Govt. of Sikkim	East Sikkim
101	Monika Rai	Nepali	PG	Govt. of Sikkim	East Sikkim
102	Kabita Timsina	Nepali	PG	Govt. of Sikkim	East Sikkim
103	Priyanir Mangar	Nepali	PG	Govt. of Sikkim	South Sikkim
104	Karuna Thapa	Nepali	PG	Govt. of Sikkim	South Sikkim
105	Prakriti Pradhan	Nepali	PG	Govt. of Sikkim	South Sikkim
106	Pujan Rai	Nepali	PG	Govt. of Sikkim	West Sikkim
107	Nima Tshering Lepcha	Botany	PG	Nar Bahadur Bhandari Government College	Tadong, East Sikkim
108	Subhank ar Gurung	Botany	PG	Alpine University	Ravangla, South Sikkim

109	Aditya Pradhan	Botany	PG	SRM University	Tadong, East Sikkim
110	Bikash Thami	Botany	PG	Education Department, Government of Sikkim	Rhenock, East Sikkim
111	Anup Rai Chamling	Botany	PG	Education Department, Government of Sikkim	Singtam, East Sikkim
112	Chowang Lhamu Lepcha	Botany	PG	Education Department, Government of Sikkim	Sang, East Sikkim
113	Sadhana Rai	Botany	PG	Education Department, Government of Sikkim	Burul, South Sikkim
114	Meera Tamang	Botany	PG	Education Department, Government of Sikkim	Melli, South Sikkim
115	Mamta Chettri	Botany	PG	Education Department, Government of Sikkim	Mangan, North Sikkim
116	Nisha Tamang	Botany	PG	Education Department, Government of Sikkim	Turuk, South Sikkim
117	Song Tshering Lepcha	Botany	PG	Education Department, Government of Sikkim	Pendam, East Sikkim
118	Priya Rai	Botany	PG	Education Department, Government of Sikkim	Darapthang, West Sikkim

119	Deliza Rai	Botany	PG	Education Department, Government of Sikkim	Namchi, Sikkim
120	Dil Kumari Gurung	Botany	PG	Education Department, Government of Sikkim	Milling, West Sikkim
121	Reshna Chettri	Botany	PG	Education Department, Government of Sikkim	Pipalay, West Sikkim
122	Riteshna Bhandari	Horticulture	PG	Mainan Garden	Gangtok
123	Anisha Gupta	Microbiology	PG	Aishwarya Healthcare	Majitar, Sikkim, India
124	Arindam Maity	Microbiology	PG	Alkem Laboratories	Rangpo, Sikkim, India
125	TanmoyPati	Microbiology	PG	Cipla	Ranipool, Sikkim, India
126	Babina Regmi	Zoology	PG	Department of Fishery, Govt of Sikkim	Sikkim
127	Nikesh Darnal	Zoology	PG	Department of Fishery, Govt of Sikkim	Sikkim
128	Tshering Bhutia	Zoology	PG	Department of Fishery, Govt of Sikkim	Sikkim
129	Tashi Doma Bhutia	Zoology	PG	Department of Education, Govt of Sikkim	Sikkim
130	Dr SAILENDRA DEWAN	Zoology	PhD	Sikkim University	Sikkim

131	Dr JIWAN GURUN G	Zoology	PhD	Alpine University	Sikkim
132	Tshering Chokee Bhutia	Zoology	PG	Department of Education, Govt of Sikkim	Sikkim
133	Sweta Subba	Zoology	PG	Department of Education, Govt of Sikkim	Sikkim
134	Shobha Gurung	Zoology	PG	Department of Education, Govt of Sikkim	Sikkim
135	Nima Lahmu Lepcha.	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
136	Rajkuma r Chettri	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
137	Germina Sharma	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
138	Smriti Subba	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
139	Nimukha Tamang	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
140	Arju K Sharma,	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
141	Sarita Regmi	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
142	Bandana Gurung	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
143	Benedict Rai	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
144	Saroj Chettri	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
145	Buwani Chouhan	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
146	Dipesh T amang	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim

147	SunuS bba	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
148	Pema Tshering Lepcha	Chemistry	PG	HRDD, Govt. of Sikkim	Sikkim
149	Mr Sanj og Pradh an	Computer Application s	PG	6	IQVIA
150	Mr Nikhil Pradhan	Computer Application s	PG	6	Impetus Tecnolog ies
151	Rahul Thapa	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
152	Ranjit Shanker	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
153	Abishek Sanzel	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
154	Badal Rai	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
155	Chewang Chopel Bhutia	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
156	Amir Rai	Physics	PG	Education Department, Govt. Of Sikkim	Sikkim
157	Puja Pradhan	Physics	PG	Govt. Of West Bengal	West Bengal
158	Abinash Rai	Commerce	PG	Namchi Municipal Council as Accountant	Namchi, South Sikkim
159	Bawesh Chettri	Managemen t	PG	Aditya Birla Group, Pantaloon,	Gangtok, Sikkim
160	Deepa Kharel	Managemen t	PG	Aditya Birla Group, Pantaloon,	Gangtok, Sikkim

	https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf				
5.2.3 Q_nM	Number of recently graduated students who have progressed to higher education during the year				
	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>32</td> </tr> </table>	Year	2021-22	Number	32
Year	2021-22				
Number	32				

Key Indicator - 5.3 Student Participation and Activities

Metric No.					
5.3.1 Q_nM	Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national/international events (award for a team event should be counted as one) during the year				
	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>0</td> </tr> </table>	Year	2021-22	Number	0
Year	2021-22				
Number	0				
5.3.2 Q₁M	<p>Presence of Student Council and its activities for institutional development and student welfare.</p> <p>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.</p>				

	<p>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.</p> <p>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.</p> <p>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.</p> <p>SUSA also aims at promoting cordial relations with members of other Universities, Institutions and affiliated Colleges which are deemed necessary.</p>						
<p>5.3.3</p> <p>Q_nM</p>	<p>Number of sports and cultural events / competitions organised by the institution during the year</p> <table border="1" data-bbox="336 1599 868 1765"> <thead> <tr> <th data-bbox="336 1599 555 1653">Year</th> <th data-bbox="555 1599 868 1653">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 1653 555 1706">Number</td> <td data-bbox="555 1653 868 1706">Sports-0</td> </tr> <tr> <td data-bbox="336 1706 555 1765"></td> <td data-bbox="555 1706 868 1765">Culture-0</td> </tr> </tbody> </table>	Year	2021-22	Number	Sports-0		Culture-0
Year	2021-22						
Number	Sports-0						
	Culture-0						

Key Indicator – 5.4 Alumni Engagement

Metric No.	
5.4.1 Q_iM	<p>The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year</p> <p>In view of a smaller number of Alumni, Alumni Association is yet to be formed in the University. However, students and Faculty members are encouraged to start Alumni programme. Also, the Regulations of Sikkim University Alumni Association is in place after being approved by the Executive Council.</p>
5.4.2 Q_nM	<p>Alumni contribution during the year(INR in lakhs)</p> <p>The university does not have a registered alumni association.</p>

Criterion VI – Governance, Leadership and Management

Key Indicator - 6.1 Institutional Vision and Leadership

Metric No.	
<p>6.1.1</p> <p>Q₁M</p>	<p>The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance</p> <p>The following are the vision and mission of Sikkim University:</p> <p>Vision -"To achieve intellectual, academic and cultural development of the people of Eastern Himalayas".</p> <p>Mission - "To provide quality higher education".</p>
<p>6.1.2</p> <p>Q₁M</p>	<p>The effective leadership is reflected in various institutional practices such as decentralization and participative management.</p> <p>In terms to Statute 42 of the Sikkim University Act, the centralized sanctioning/ approving powers of the authority have been delegated/decentralized for effective functioning of the University with participative management as mentioned below:</p> <ul style="list-style-type: none"> • The Executive Council in its 32nd meeting held on 08.02.2019 approved delegation of powers for sanction of various kinds of leave for teaching and non-teaching staff to the HoDs, Deans of Schools, Registrar and Vice-Chancellor. • The Executive Council in its 34th meeting held on 09.12.2019 approved delegation of financial powers to the HoD's, Deans of Schools and Statutory Officers upto a certain limit. • The Executive Council in its 35th meeting held on 11.09.2020 approved delegation of powers for appointment, disciplinary

	<p>cases and appeal and thereby approved the Authorities for Appointments, Disciplinary action and Appeals for University employees (Teaching and Non-Teaching).</p> <ul style="list-style-type: none">• Earlier, all the above-mentioned powers were confined only with Executive Council and Vice-Chancellor
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Key Indicator - 6.2 Strategy Development and Deployment

Metric No.	
6.2.1 Q ₁ M	<p>The institutional Strategic plan is effectively deployed.</p> <p>Different aspects of institutional planning are finalised and implemented following the decisions of various bodies such as executive council, academic council, finance committee. These bodies meet periodically to review the strategies and plans for strengthening the university functioning. In addition, there are several cells/ committees such as Antiragging Cell, Anti-Discrimination Cell, 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), Liaisoning Cell, Official Language Implementation Committee, Samadhan, NSS etc.</p>
6.2.2 Q ₁ M	<p>The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.</p> <p>The Acts, Statutes, Ordinances and Regulations clearly defines the functioning of the Statutory Bodies of the University, viz., Executive Council, Academic Council, Finance Committee, College Development Council etc. Minute to minute details are well articulated in the Acts, Statutes, Ordinances and Regulations pertaining to policies, administrative setup, appointment and service rules, procedures, etc.</p>

<p>6.2.3</p> <p>Q_nM</p>	<p>Institution Implements e-governance in its areas of operations</p> <p>6.2.3.1 e-governance is implemented covering following areas of operation</p> <ol style="list-style-type: none">1. Administration2. Finance and Accounts3. Student Admission and Support4. Examination <p>Options:</p> <p>A. All of the above</p>
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Key Indicator - 6.3 Faculty Empowerment Strategies

Metric No.					
6.3.1 Q₁M	<p>The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff</p> <p>University, as per UGC Regulation 2018 has recognized performance appraisal system for its Teaching staff. Annual Performance Appraisal Report is collected from its faculty on yearly basis. From Non-Teaching staff APAR is collected annually as per government of India's regulation for all central government employees.</p> <p>For teaching staff, the University is granting promotions through Carrier Advancement Scheme as per the guideline given in UGC Regulations. The promotions of Non-Teaching staff are granted on the basis of Recruitment and Promotions Rules (Non-Teaching) 2016. The eligibility criteria are seen as per the guideline followed for the respective posts /cadre.</p>				
6.3.2 Q_nM	<p>Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year</p> <table border="1" data-bbox="360 1520 1155 1637"> <thead> <tr> <th data-bbox="360 1520 624 1579">Year</th> <th data-bbox="624 1520 1155 1579">2021-21</th> </tr> </thead> <tbody> <tr> <td data-bbox="360 1579 624 1637">Number</td> <td data-bbox="624 1579 1155 1637">1</td> </tr> </tbody> </table>	Year	2021-21	Number	1
Year	2021-21				
Number	1				
6.3.3 Q_nM	<p>Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year</p> <table border="1" data-bbox="360 1861 774 1989"> <thead> <tr> <th data-bbox="360 1861 557 1933">Year</th> <th data-bbox="557 1861 774 1933">2021-22</th> </tr> </thead> <tbody> <tr> <td data-bbox="360 1933 557 1989">Number</td> <td data-bbox="557 1933 774 1989">37</td> </tr> </tbody> </table>	Year	2021-22	Number	37
Year	2021-22				
Number	37				

Sl No	Title of Workshop/Seminar	Name of the Dept.	Date(s)	Number of Participates
1	Lecture by Foreign Secretary	International Relations	03 April 2021	120
2	Special Lecture by Prof. Lalwanti Chatani	International Relations	24 March 2022	100
3	'New Trends in Feminism' (Webinar)	Sociology	Started on 27 November 2020 Ended on 13 April 2021	45
4	Friday Lecture Series	Sociology	12-13 November 2021	84
5	Azadi ka Amrit Mahotsav series	Sociology	3 September-22 October 2021	-
6	Impact of COVID19 on Gender Equality	Sociology	24 February 2022	-
7	Para-hydrologists Training Workshop	Peace and Conflict Studies and Management	19 December 2021	27
8	Workshop cum National Webinar on Regional Disparities in India: Issues and Challenges	Geography	28 February 2022 - 01 March 2022	18
9	National Seminar on "Rethinking Social Exclusion: Issues and Perspectives"	English	-	65
10	Premchand Jayanti	Hindi	31 July 2021	30

11	SwatantrataAndolan Mein Hindi Ki Bhumika	Hindi	15 November 2021	50
12	NEP- 2022 & Languages	Hindi	29 March 2022	200
13	Nepali Bhasa ManyataDiwas	Nepali	20 August 2021	100
14	Online capacity building program“2nd Advanced Training Program on Water Resource Management, Glacier Monitoring & Climate Change Studies”	Geology	29 January – 18 February 2022	45
15	Vigilance Awareness Week lecture	Mathemati cs	1 November 2021	43
16	Special lecture	Mathemati cs	21 March 2022	53
17	Luca Pacioli Endowment Lecture on 'Using Artificial Intelligence / Machine Learning in Corporate Affairs' Mrs. Nandita Mishra, Economic Advisor, Ministry of Corporate Affairs, Government of India	Commerce	17 August 2021	95
18	Webinar on “Emerging Role of Corporate Social Responsibility in present scenario	Commerce	24 August 2021	90
19	ATAL Sponsored FDP on Improving	Manageme nt	1-5 September 2021	200

		Personal Effectiveness at Workplace			
20	Webinar/ Lecture in Association with Press Club of Sikkim on Role of Media in Rural Communication	Mass Communication	4 March, 2022	98	
21	Lecture on Film Making, Script Writing to Editing	Mass Communication	7 July, 2021	47	
22	Lecture on Information Technology –Frauds and Fraud prevention & Cyber Security – Fraud prevention in Banking	Mass Communication	1 July, 2021	14	
23	Panel Discussion on "Virality and Objectivity in the online news era: Compatible or Oxymoronic?" on National Press Day 2021	Mass Communication	16 Nov, 2021	39	
24	One-Day Television Production Workshop	Mass Communication	11 Dec, 2021	25	
25	Workshop on Television Production Theme: Concepts, treatments, and script	Mass Communication	30 Nov to 4 Dec, 2021	37	
26	Two-Day Workshop on Script Writing	Mass Communication	27 & 28 Jan, 2022	28	

27	Lecture on "Corporatisation of Civil Society and Emerging Scopes for Development Communication Professionals in the Development Sector"	Mass Communication	12 Feb, 2022	30	
28	Lecture on Emerging Trends and Career Opportunities in Public Relations	Mass Communication	18 Feb, 2022	32	
29	Lecture on The Politics of Voice: The Struggle for Just and Equitable Representation in Media	Mass Communication	26 Feb, 2022	35	
30	Lib Connexions: Library Liaison Program - cum - Orientation Session	Library	14 December 2021	-	
31	Lib Connexions: Library Liaison Program - cum - Orientation Session	Library	4 February 2022	-	
32	User Awareness Program on Web of Science	Library	9 February 2022	-	
33	Lib Connexions: Library Liaison Program - cum - Orientation Session	Library	11 February 2022	-	
34	Conducting Literature Search & Organizing Your Documents for a Successful Review	Library	18 February 2022	-	
35	J-Gate Custom Content for	Library	25 February 2022	-	

		Consortium (JCCC): User Awareness Webinar			
	36	Workshop on Understanding Plagiarism and its Detection	Library	9 March 2022	-
	37	Planning Your Research and Publishing in High Impact Journals	Library	12 March 2022	-
https://cus.ac.in/images/content/static/AQAR/2021-22/AQAR%202021-22/Annual%20Report%202021-22.pdf					

6.3.4	Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the year					
		Q_nM	(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)			
		Year	2021-22			
		Number	3			
		Sl No	Title of Workshop/Seminar	Name of the Dept.	Date(s)	Number of Participates
		1	Dr. Dhriti Roy	UGC Sponsored Refresher Course in Trends in Society: Changes and its Impact on Literatures	University Grants Commission, Human Resource Development Centre, The University of Burdwan	23 November-06 December 2021
		2	Dr. Sujit Kujur	SWAYAM ARPIT ONLINE COURSE: Refresher Emerging Trends & Technologies in Library & Information Services (ETTLIS)	Indian Institute of Technology Delhi	From 1st Dec 2020 to 31st March 2021

			Examination held on 21/08/2021		
	3	Madhuri	SWAYAM ARPIT ONLINE COURSE: Refresher Emerging Trends & Technologies in Library & Information Services (ETTLIS) Examination held on 21.08.2021	Indian Institute of Technology Delhi	From 1st Dec 2020 to 31st March 2021

Key Indicator – 6.4 Financial Management and Resource Mobilization

Metric No.	
6.4.1 Q.M	<p data-bbox="352 253 1430 338">Institutional strategies for mobilisation of funds and the optimal utilisation of resources *</p> <p data-bbox="352 365 1430 622">The University is governed by the special Act of Parliament i.e. Sikkim University Act, 2006. The primary and major source of fund received by the University is from University Grants Commission through approval of Ministry of Finance. The University receives grant under the following heads:</p> <ul data-bbox="400 645 608 797" style="list-style-type: none"> • Salary • Recurring • Capital <p data-bbox="352 819 1430 965">The UGC approves budget of the University through Annual Allocation, a copy of Annual Allocation is enclosed as Annexure I for your kind reference.</p> <p data-bbox="352 1043 1430 1525">The University prepares its own budget and revised budget expenditure every year and gets approved from its Governing Bodies. The utilization of funds is made as per the approved budget and the utilization certificate is submitted to the UGC on quarterly basis during the financial year. All the expenses are incurred by following the guidelines prescribed in the sanction order incurred in the provisions of the Act/ Statute/ Order/ General Financial Rule/ Central Vigilance Commission/ other relevant Government rules and regulations.</p> <p data-bbox="352 1603 1430 1861">In addition to the grants received from the UGC, the University too generates some income out of its academic activities and other income incidental thereto. These internal revenue generation is also accounted for in the utilization certificate furnished to the UGC under recurring head.</p>

	<p>The whole funding of the University is completely governed by the Grants of UGC.</p> <p>Further UGC issued guidelines to follow on creation of Reserve / Corpus fund to the universities, and the University has been following the same.</p>										
<p>6.4.2</p> <p>Q_nM</p>	<p>Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)</p> <table border="1" data-bbox="352 696 1002 831"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>1750 Lakhs</td> </tr> </table> <table border="1" data-bbox="352 831 1426 1456"> <thead> <tr> <th>Name of Items</th> <th>Annual Allocation (Rupees in lakhs)</th> </tr> </thead> <tbody> <tr> <td>Campus Development/ Books & Journals & E Resources/ ICT enabled infrastructure for online learning/ Equipment & Laboratories/ Other Infrastructure including furniture & fixture.</td> <td>750</td> </tr> <tr> <td>Permanent Campus Construction</td> <td>1000</td> </tr> </tbody> </table> <p>Data Requirement:</p> <ul style="list-style-type: none"> Name of the government funding agencies/ individuals : UGC Funds/ Grants received : 1750 Lakhs 	Year	2021-22	Number	1750 Lakhs	Name of Items	Annual Allocation (Rupees in lakhs)	Campus Development/ Books & Journals & E Resources/ ICT enabled infrastructure for online learning/ Equipment & Laboratories/ Other Infrastructure including furniture & fixture.	750	Permanent Campus Construction	1000
Year	2021-22										
Number	1750 Lakhs										
Name of Items	Annual Allocation (Rupees in lakhs)										
Campus Development/ Books & Journals & E Resources/ ICT enabled infrastructure for online learning/ Equipment & Laboratories/ Other Infrastructure including furniture & fixture.	750										
Permanent Campus Construction	1000										

<p>6.4.3</p> <p>Q_nM</p>	<p>Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)</p> <table border="1" data-bbox="379 533 740 651"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number</td> <td>NIL</td> </tr> </table>	Year	2021-22	Number	NIL
Year	2021-22				
Number	NIL				
<p>6.4.4</p> <p>Q_iM</p>	<p>Institution conducts internal and external financial audits regularly</p> <p>Internal Audit Office of the University conducts Internal Audit of the University regularly. 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 paras are reviewed by Standing Audit Committee. The instructions of the SAC are also forwarded to concerned officials for timely compliances.</p> <p>The status of the audit para along with the report of the SAC is placed before the Finance Committee for further instructions.</p> <p>External Audit is being conducted by Comptroller and Auditor General of India. As per the Sikkim University Act the annual accounts and balance-sheet of the University are prepared under the directions of the Executive Council and shall, once at least every year and at intervals of not more than fifteen months, be audited by the Comptroller and Auditor General of India or by such persons as he may authorize on his behalf. A copy of the annual accounts together with the audit report thereon is submitted to the Court and the Visitor along with the observations of the Executive Council. Any observations made by the Visitor on the annual accounts shall be brought to the notice of the Court and the observations of the Court,</p>				

	<p>if any , shall, after being considered by the Executive Council, be submitted to the Visitor. A copy of the annual accounts together with the audit report as submitted to the Visitor, shall also be submitted to the Central Government, which shall, as soon as may be, cause the same to be laid before both the houses of the Parliament. The audited annual accounts after having been laid before both the Houses of the Parliament shall be published in the Official Gazette. The Audit objections, if any, are duly complied for settlement during the course of the next audit.</p>
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Key Indicator - 6.5 Internal Quality Assurance System

Metric No.	
6.5.1 Q _i M	<p>Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals</p> <p>IQAC significantly contributes towards the timely promotion of the faculty members under Career Advancement Scheme (CAS). With the idea of encouraging the faculty members to improve their research output in the form of quality publications, the IQAC provides necessary guidance and facilitates smooth conduct of the process.</p>
6.5.2 Q _n M	<p>Institution has adopted the following for Quality assurance</p> <ol style="list-style-type: none"> 1. Academic Administrative Audit (AAA) and follow up action taken 2. Conferences, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4. Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6. Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) <p>Options:</p> <p style="padding-left: 40px;">A. Any 1 of the above</p>
6.5.3 Q _i M	<p>Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles).</p>

	<ol style="list-style-type: none">1. Filling up of the vacant teaching and non-teaching positions in the university to meet up to the human resource development requirements.2. Substantial progress towards construction and development of the upcoming permanent campus at Yang Yang, South Sikkim.3. Enhancement in research funding through external grants from various agencies such as Central/ State Government-UGC/ CSIR/ DST/ DBT/ ICMR/ ICSSR etc.4. To encourage research output university has instituted best publication awards. University also sanctions inhouse research projects to faculty members.5. The university has entered into MoUs with various academic institutions in India and abroad such as INFLIBNET, MAKAIAS, ICWA, CABI Europe – UK, ICAI, NIAIST-Japan, ICSI, IITM, RTC-Bhutan, FSADD, NIT, NCRI, NRCO, SMU, NBSD, BSI, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Biotech Park, Center for Human Security Studies.6. University is exploring the possibilities of Saffron cultivation in Sikkim in collaboration with the Govt. of J&K (UT) and Govt. of Sikkim.7. Establishment of four new teaching departments namely Limbu, Lepcha, Bhutia (prominent languages of Sikkim) and Library and Information Science.8. Strengthening the ICT enabled infrastructure across all the departments/ sections of the university.
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Criterion VII - Institutional Values and Best Practices
Key Indicator - 7.1 Institutional Values and Social Responsibilities

Metric No.	
	Gender Equity
7.1.1	Measures initiated by the Institution for the promotion of gender equity during the year 2021-2022
QIM	<ol style="list-style-type: none"> 1. 8th March 2022: Webinar on International Women’s Day “Gender Equality today for a Sustainable Tomorrow” Recognising contribution of women and girls around the world on Climate Change, adaptation, mitigation and response was organized by Sikkim University where Dr. Sarala Khaling Regional Director, Eastern Himalaya/North East India, ATREE, Gangtok as invited as resource person. The program had an attendance of 80 participants.

Environmental Consciousness and Sustainability	
<p>7.1.2</p> <p>Q_nM</p>	<p>The Institution has facilities for alternate sources of energy and energy conservation</p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power-efficient equipment <p>Options:</p> <p><u>D. Any 1 of the above (the University has adopted power efficient equipments like LED Bulb in its existing Infrastructure/classrooms etc)</u></p> <p>Note: No such facilities are available in existing rented building of the University. However, the provision of Sl No 1,2,3 and 4 are planned at Permanent campus, which will be taken up in Phase wise manner.</p>
<p>7.1.3</p> <p>Q_iM</p>	<p>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)</p> <p>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.</p> <p>Laboratory wastes are segregated and collected in the following ways:</p> <ol style="list-style-type: none"> 1. Organic Waste:- <ol style="list-style-type: none"> (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 Wsaste:- <ol style="list-style-type: none"> (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 galsswares

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

Department of Chemistry has entered into a service agreementt 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.

1	Solid waste management	Solid waste of the department is disposed through the Municipality Board waste management system of the State
2	Liquid waste management	Not Applicable
3	Biomedical waste management	Biomedical wastes are sent to the incinerator installed at Sikkim Manipal Hospital for incineration. The University had a MoU with the said Hospital for biomedical waste disposal. Currently, the University is in process of renewing the MoU with the Hospital.
4	E-waste management	Not applicable
5	Waste recycling system	Not applicable
6	Hazardous chemicals and radioactive waste management	Not Applicable

7.1.4**Water conservation facilities available in the Institution:****Q_nM**

1. Rainwater harvesting
2. Bore well /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling

	<p>5. Maintenance of water bodies and distribution system in the campus</p> <p>Options: E. None of the above</p> <p>Note: No such facilities are available in existing rented building of the University. However, the provision of Sl No 1,2,3,4 and 5 are planned at Permanent campus, which will be taken up in Phase wise manner.</p>
<p>7.1.5</p> <p>Q_nM</p>	<p>Green campus initiatives include</p> <p>7.1.5.1. The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping <p>Options: E. None of the above</p> <p>Note: No such facilities are available in existing rented building of the University. However, the provision of Sl No 1,3,4 and 5 are planned at Permanent campus, which will be taken up in Phase wise manner.</p>
<p>7.1.6</p> <p>Q_nM</p>	<p>Quality audits on environment and energy are regularly undertaken by the institution</p> <p>7.1.6.1. The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 4. Environment audit 5. Clean and green campus recognitions/awards 6. Beyond the campus environmental promotional activities

	<p>Options:</p> <p>E. None of the above</p> <p>Note: No such facilities are available in existing rented building of the University. However, the provision of Sl No 1,2,3,4 and 5 are planned at Permanent campus, which will be taken up in Phase wise manner.</p>
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<p>7.1.7</p> <p>Q_nM</p>	<p>The Institution has a Divyangjan -friendly and barrier-free environment</p> <ol style="list-style-type: none"> 1. Ramps/lifts for easy access to classrooms and centres. 2. Divyangjan-friendly washrooms 3. Signage including tactile path lights, display boards and signposts 4. Assistive technology and facilities for persons with Divyangjan access website, screen-reading software, mechanized equipment, etc. 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc. <p>Options:</p> <p>E. None of the above</p> <p>Note: No such facilities is available in existing rented building of the University. However, the provision of Sl No 1,2,3,4 and 5 are planned at Permanent campus, which will be taken up in Phase wise manner.</p>
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Inclusion and Situatedness	
7.1.8 Q₁M	<p>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).</p> <p>Sikkim is a home of diverse communities namely Nepali, Bhutia, Lepcha and people from the plains. Each of these communities have their own language and cultural habits. This diversity in terms of language, culture, religion is also very much present among students in Sikkim University. University provides a very congenial environment for this diversity / multiplicity to thrive and prosper. University's Music department is one place where inclusive environment can be easily seen during performances. Sikkim is known for celebration of religious and cultural festivals of various types in elaborate manner. People, irrespective of their religious / cultural belief, participates in huge numbers in such festivals.</p> <p>The peaceful nature of the people and respect for other religion / culture keeps the environment of the University peaceful and tolerant. Sikkim is considered as the most peaceful State in India.</p>
Human Values and Professional Ethics	
7.1.9 Q₁M	<p>Sensitization of students and employees of the Institution to constitutional obligations: values, rights, duties and responsibilities of citizens.</p> <p>The university takes appropriate measures to inculcate the values, rights, duties and responsibilities of citizens for all the stakeholders. These measures include Lectures/ Seminars/ Workshops organized by different departments/section/ cells on relevant topics by experts from different parts of the country/ abroad.</p>

	<p>University organizes the program on specific days for administering oaths and pledges such as on Vigilance Day/Week, Earth Day, National Science Day, National Technology Day, Unity Day and Constitution Day etc. in addition to celebration of Republic day and Independence Day.</p>
<p>7.1.10 Q_nM</p>	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard.</p> <ol style="list-style-type: none"> 1. The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on the Code of Conduct are organized <p>Options:</p> <p>A. All of the above</p>
<p>7.1.11 Q_iM</p>	<p>Institution celebrates / organizes national and international commemorative days, events and festivals</p> <p>15.08.2021 = 74th Independence Day Celebration</p> <p>26.11.2021 = Constitution Day; Reading of Preamble</p> <p>26.01.2022 = 72nd Republic Day Celebration</p> <p>21.05.2022 = Anti-Terrorism Day; Online pledge</p> <p>31.05.2022 = World No-Tobacco Day; Online pledge</p>

Key Indicator - 7.2 Best Practices

Metric No.	
<p>7.2.1</p> <p>Q₁M</p>	<p>Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual.</p> <p>There are several best practices in Sikkim University namely Micro Teaching, University Research Fund Award, University Publication Award, mentoring of students, starting of Student Feedback Process, Fellowships, freeships, half-freeship to selected students, participation of students in community services etc.</p> <p>Among them, Students' involvement in community service can be considered best because by way of which villagers share their life experiences with the students and vice-versa. Students get a rare opportunity to record traditional knowledge/ experiences and way of life and happiness.</p>

Format for Presentation of Best Practices

(While submitting the Best Practices Institution should submit the practices in this format only)

1. Title of the Practice

Effort towards institutional support for Financially Weak Students: Full Fellowship, Full Free-Ship and Half Free-Ship

2. Objectives of the Practice

To provide support to the students in their pursuit towards academic excellence

3. The Context

Students 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.

4. The Practice

Accordingly, in 2021 – 22 Sikkim University awarded 42 no. of full fellowship @ Rs 3000/- per month to the students. Similarly, 26 full free-ship and 33 half free-ship were awarded for the needy students.

5. Evidence of Success

A total of 85.59% of applicants were able to secure one or the other type of scholarship.

6. Problems Encountered and Resources Required

N.A.

7. Notes (Optional)

Please add any other information that may be relevant for adopting/implementing the Best Practice in other institutions (in about 30 words)

Any other information regarding Institutional Values and Best Practices which the institution would like to include.

Key Indicator - 7.3 Institutional Distinctiveness

Metric No.	
7.3.1 Q_iM	<p>Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)</p> <p>University started three teaching departments in indigenous and endangered languages namely Lepcha, Bhutia and Limbu in 2016 and Ph.D programmes in 2021. Sikkim University is the only university in the world to have teaching programmes in these languages from PG to Ph.D level.</p> <p>Further, Departments like Music, Botany, Microbiology, History, Sociology are engaged in research in folk music, medicinal plants, food habits and preservation and protection of local / traditional knowledge.</p>

Plan of action for the next academic year (200 words)

Following plan is proposed to be initiated/ implemented in the next academic year 2022-23:

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 2022.

Sd/-

Prof. Shanti Swarup Sharma

Director, IQAC

Sikkim University

Sd/-

Prof. Avinash Khare

Vice-Chancellor

Sikkim University

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self-Financing
SLET	-	State Level Eligibility Test
SET	-	State Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
