

# SIKKIM UNIVERSITY

(A central university established by an Act of Parliament in 2007)



## *Seventh Annual Report* 2013-14

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Gangtok 737 102, Sikkim  
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# CONTENTS

1.	From the Vice-Chancellor's Desk	1
2.	About Sikkim University	3
3.	Officers of the University	6
4.	Authorities of the University	7
	· Executive Council	7
	· Academic Council	9
	· Finance Committee	11
5.	Executive Summary	12
6.	Schools of Study	17
	<b>6.1. School of Social Sciences</b>	
	Department of Economics	17
	Department of History	21
	Department of International Relations	22
	Department of Law	25
	Department of Peace & Conflict Studies and Management	27
	Department of Political Science	33
	Department of Sociology	34
	<b>6.2. School of Life Sciences</b>	
	Department of Botany	36
	Department of Horticulture	39
	Department of Microbiology	42
	Department of Zoology	45
	Department of Chemistry	49
	Department of Computer Applications	49
	Department of Geology	51
	Department of Mathematics	53
	Department of Physics	53

<b>6.3. School of Languages and Literature</b>	
Department of Chinese	55
Department of English	57
Department of Hindi	58
Department of Nepali	58
<b>6.4. School of Human Sciences</b>	
Department of Anthropology	61
Department of Geography	63
Department of Psychology	67
<b>6.5. School of Professional Studies</b>	
Department of Commerce	69
Department of Education	69
Department of Management	69
Department of Mass Communication	71
Department of Music	73
Department of Tourism	75
<b>7. Central Services</b>	
7.1. Central Library	76
7.2. Dean of Students' Welfare	78
7.3. Examination Department	79
7.4. Finance Department	80
7.5. Health Centre	81
7.6. Hindi Cell	82
7.7. University Gym	85
7.8. Women's Cell	86
7.9. National Services Scheme Cell	86



## From the VICE-CHANCELLOR'S Desk



First of all, I would like to commend the editorial team for preparation of the Annual Report for 2013-14 for completing the work successfully and within the stipulated time. As the Vice-Chancellor of this seven year old university with 29 full-fledged departments organized under six Schools, I feel quite contented that a lot was achieved during the year under report. To flag a few important achievements, the first that comes to my mind is the visit of our Visitor Hon'ble Sri Pranab Mukherjee on 16<sup>th</sup> April 2013 to lay the foundation stone of the University in the august presence of the Hon'ble Governor of Sikkim & the Chief Rector of the University, Sri B. P. Singh and the Hon'ble Chief Minister of Sikkim Sri Pawan Chamling. The University also successfully completed the revision and standardisation of old syllabi and drafting of syllabi for new programmes of 29 departments. This would not be achieved without the active cooperation of the Deans and Heads of Departments. The University started 10 new departments during the year under report with the posts already sanctioned by the UGC under XI Plan, taking the total from 19 under XI Plan to 29 under XII Plan. This required massive planning for infrastructure and guest/adjunct faculty members, as the University was not able to recruit regular faculty members on account of non-receipt of Visitor's nominees till January 13, 2014. Our university owes this success to the most untiring Registrar-in-charge Sri K. M. Deb and his team of officers and faculty members. Mr. Deb left days before Mr. T. K. Kaul joined as the full-fledged Registrar in November 2013 and the latter



shouldered the responsibility of planning and executing a massive recruitment process between 19<sup>th</sup> of February and 27<sup>th</sup> of March 2014. We interviewed about 500 candidates for 90 posts (out of 132 advertised) and selected 62 out of which 60 joined the University. With 60 new regular faculty members joining the University we have filled up 65% of the posts sanctioned to us under the XI Plan period. This would not be possible without the efficiency and extreme hardwork put in by the two Assistant Registrars - Sri C. B. Chhetri and Ms. Grace Chankapa - under the guidance of Sri T. K. Kaul.

With the establishment of 10 new departments, change in admission policy, and launching of new academic programmes, the students' population increased by almost three times. This meant enhancing our infrastructure by three times, be they hostels, classrooms, classroom chairs or other such necessities like LCD projectors and black/white boards.

During the year under report we could also hold the 2<sup>nd</sup> convocation of the University on 9<sup>th</sup> March 2014 and granted degrees to students passing out in 2010, 2011, 2012 and 2013. The convocation was presided over by Justice (Mrs) Ruma Pal, Chancellor and former judge of the Supreme Court of India and the chief guest was Padmabhushan Professor Mrinal Miri, Chancellor of Rajiv Gandhi University and a Rajya Sabha Member.

The University made some progress towards campus development during the year under report. A complete biodiversity survey report and a contour survey report were completed. Deposit work was assigned to the state government for construction of the boundary wall. The road connectivity with the campus made a lot of progress during the year. Water supply being one of the trickiest problems in all hill areas is taking more time but hopefully it will be resolved soon. The remaining piece of 35 acres of land is expected to be handed over to the University soon.

Finally, following the instructions of the UGC and

MHRD issued from time to time, the University has established IQAC, Women's Cell, Grievance Redressal Cell, Anti-Ragging Cell, National Service Scheme, Counseling and Placement Cell, Students' Council, etc. and we are glad to report that they are all very much functioning units of the University.

On the flop side, the University is facing acute shortage of space. Our teachers share their working space, which is hampering the research supervision of their students and their own research productivity. Water scarcity is acute in most buildings. There is no enough water for running our laboratories, not to speak of the washrooms. Our classrooms are full of noise coming from the National Highway No. 10. They are congested, suffocative and often dark and dingy. Some buildings are damp and moist. Electricity supply is often erratic forcing the University to buy generators. The University spends a huge chunk of its development fund towards hiring of buildings and yet the satisfaction level is almost zero because the buildings were not meant to be used for classrooms and laboratories. This has hindered the growth and expansion of our teaching and research programmes, which in turn is showing poorly on our publication records. All the above mentioned problems are there for all to see in students' feedback.

I sincerely hope that the Hon'ble Members of the Parliament and the bureaucrats with the Government of India will appreciate our problems and help us contribute to the building of our university, which in a certain sense is also a nation-building project.

***T. B. Subba***



# About SIKKIM UNIVERSITY

Sikkim University was established as a central university by an Act of Parliament on 2<sup>nd</sup> July 2007 to fulfill the following objectives:

- i) To disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit.
- ii) To make provisions for integrated courses in humanities, natural and physical sciences, social sciences, forestry and other allied disciplines in the educational programmes of the University.
- iii) To take appropriate measures for promoting innovations in teaching-learning process, inter-disciplinary studies and research.
- iv) To educate and train manpower for the development of the State of Sikkim.
- v) To pay special attention to the improvement of the social and economic conditions and welfare of the people of that State, their intellectual, academic and cultural development.

## Mission Statement

The University aims to be the hub of higher education in the Eastern Himalayas, focusing on both access and quality of higher education at an affordable cost for the poor but deserving students of the country in general and Sikkim in particular.

## Visitor and Chief Rector

**Sri Pranab Mukherjee**, Hon'ble President of India, is the Visitor of the University.

**Shri Shrinivas Patil**, Hon'ble Governor of Sikkim, is the Chief Rector of the University.

## Location and Means of Transport

The University is currently functioning from 22 hired buildings in and around Gangtok. The University has already started the process of campus building on a 300 acre land at Yangang in South Sikkim, which is 28 kms from Singtam, which is same as the distance between Singtam and Gangtok. On the northern fringe of the campus is a tourist village with traditional houses, ultra-modern conferencing facilities, children's park, etc. and on its western front lies the upcoming skywalk at a height of about 11 thousand feet asl atop Bhaledhunga overlooking the University campus. Bhaledhunga is a prime destination of the adventure tourists and is accessible from the campus through a trek route.



Campus land, Yangang, South Sikkim

The nearest airport for visiting the University is Bagdogra, about 14 kms from Siliguri city located in the foothills of Darjeeling. The distance between nearest airport and Gangtok is about 124 kms. A helicopter service is operated by the Sikkim Tourism Development Corporation daily between Bagdogra and Gangtok. Taxis are also available for travel between Bagdogra Airport and Gangtok. The nearest railway station is New Jalpaiguri Station, which is also about 125 kms from Gangtok. All trains to and from Northeast India stop at this station. Gangtok is connected by road with Siliguri, Darjeeling and Kalimpong by National Highway 10. There are regular Sikkim Nationalized Transport buses plying between Gangtok and Siliguri. Private buses and light vehicles can also be hired from Siliguri and Bagdogra for coming to Sikkim.

The University has the following 29 Departments of Studies with programmes mentioned within brackets:

1. ANTHROPOLOGY (MA/M.Sc)
2. CHEMISTRY (M.Sc, MPhil)
3. CHINESE  
(5-YR INTEGRATED BA-MA)
4. COMMERCE (M.Com)
5. COMPUTER APPLICATIONS  
(5-YR INTEGRATED BCA-MCA)
6. ECONOMICS (MA/MSc,MPhil/PhD)
7. EDUCATION (MA)
8. ENGLISH (MA)
9. BOTANY (M.Sc, MPhil/PhD)
10. GEOGRAPHY  
(MA/M.Sc, MPhil/PhD)
11. GEOLOGY  
(5-YR INTEGRATED BSc-MSc)
12. HINDI (MA)
13. HISTORY (MA, M.Phil, PhD)
14. HORTICULTURE  
(6-YR INTEGRATED BSc, MSc, MPhil/PhD AND 1 YEAR PG DIPLOMA IN TEA MANAGEMENT)



15. INTERNATIONAL RELATIONS (MA, M.Phil/PhD)
16. LAW (7-YR INTEGRATED BA-LLB, LLM)
17. MANAGEMENT (MBA)
18. MASS COMMUNICATION (MA, MPhil/PhD)
19. MATHEMATICS (MA/MSc)
20. MICROBIOLOGY (MSc, MPhil/PhD)
21. MUSIC (5-YR INTEGRATED BPA-MPA)
22. NEPALI (MA, MPhil/PhD)
23. PEACE AND CONFLICT STUDIES AND MANAGEMENT (MA, MPhil/PhD)
24. PHYSICS (MSc, MPhil/PhD)
25. POLITICAL SCIENCE (MA)
26. PSYCHOLOGY (5-YR INTEGRATED Bsc-Msc, MA/MSc)
27. SOCIOLOGY (MA, MPhil/PhD)
28. TOURISM (MA)
29. ZOOLOGY (MSc)

## Affiliated Colleges

The following colleges are affiliated to Sikkim University:

- i. SIKKIM GOVERNMENT COLLEGE, GANGTOK (EAST SIKKIM)
- ii. SIKKIM GOVERNMENT COLLEGE, RHENOCK (EAST SIKKIM)
- iii. SIKKIM GOVERNMENT COLLEGE, NAMCHI (SOUTH SIKKIM)
- iv. SIKKIM GOVERNMENT LAW COLLEGE, BURTUK (EAST SIKKIM)
- v. GOVERNMENT B.Ed COLLEGE, SORENG (WEST SIKKIM)
- vi. DAMBER SINGH COLLEGE, GANGTOK (EAST SIKKIM)
- vii. PALATINE COLLEGE, PAKYONG (EAST SIKKIM)
- viii. LOYALA COLLEGE OF EDUCATION, NAMCHI (SOUTH SIKKIM)
- ix. HARKAMAYA COLLEGE OF EDUCATION, GANGTOK (EAST SIKKIM)
- x. HIMALAYAN PHARMACY INSTITUTE, MAJHITAR (EAST SIKKIM)
- xi. GYALSHING COLLEGE (WEST SIKKIM)
- xii. SIKKIM GOVERNMENT COLLEGE, BURTUK (EAST SIKKIM)



**Chancellor**

Justice (Mrs.) Ruma Pal

**Vice-Chancellor**

Prof. T. B. Subba

**Pro-Vice-Chancellor**

Vacant

**Deans of Schools**

Prof. Jyoti Prakash Tamang, Dean,  
School of Life Sciences

Prof. Pratap Chandra Pradhan, Dean,  
School of Language & Literature

Dr. Sohel Firdos, Dean,  
School of Human Sciences

Dr. A.N. Shankar, Dean,  
School of Professional Studies

Dr. Subir Mukhopadhyay, Dean,  
School of Physical Sciences

Dr. Nawal Kishore Paswan, Dean,  
School of Social Sciences

**Registrar**

Shri T. K. Kaul

**Finance Officer**

Shri Dibakar Kanunjna (*officiating*)

**Controller of Examinations**

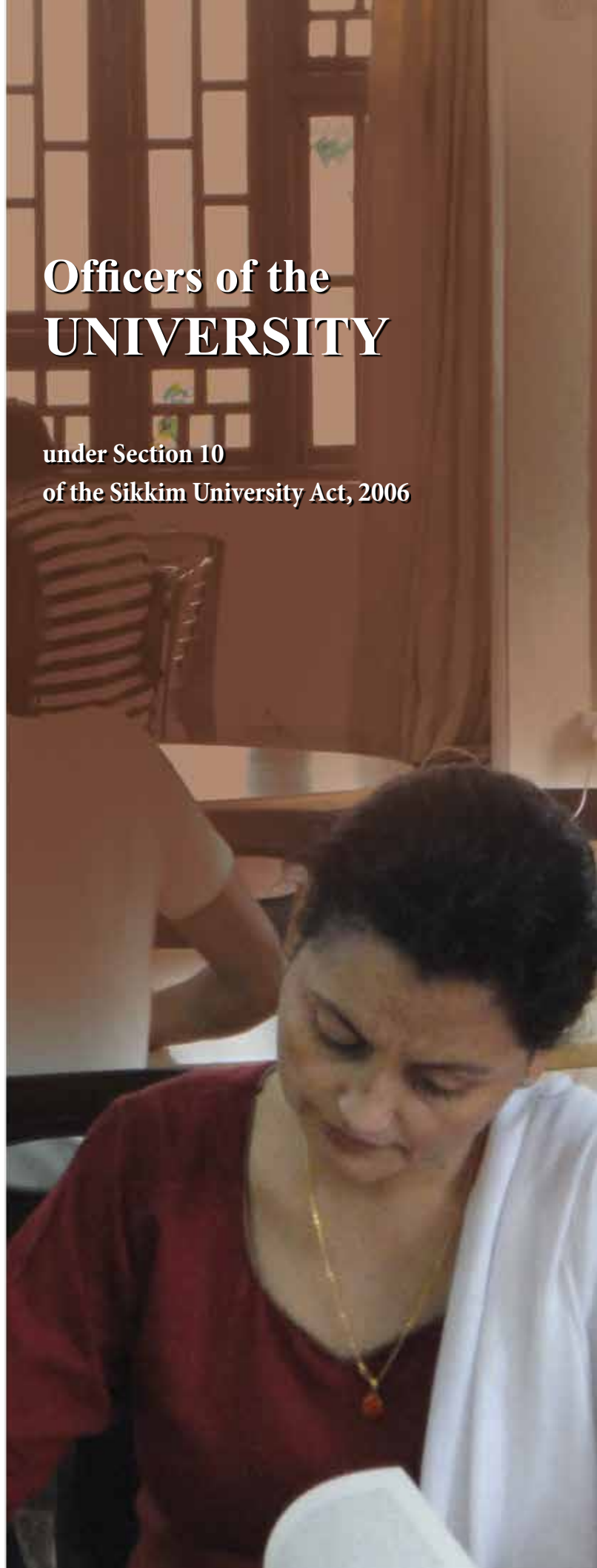
Dr. Suresh Kumar Gurung (*officiating*)

**Librarian**

Prof. A. S. Chandel (*officiating*)

# Officers of the UNIVERSITY

under Section 10  
of the Sikkim University Act, 2006



# AUTHORITIES OF THE UNIVERSITY

## EXECUTIVE COUNCIL

Sl.	Functionary	Position
1.	<b>Prof. T. B. Subba</b> Vice-Chancellor, Sikkim University	Ex-officio Chairman
2.	<b>Dr. Dhaniraj Chettri</b> Dean of Students' Welfare, Sikkim University	Ex-officio Member
<i>Four Deans of Schools by rotation according to seniority, to be nominated by the Vice-Chancellor.</i>		
3.	<b>Prof. Jyoti Prakash Tamang</b> Dean, School of Life Sciences, Sikkim University	Member
4.	<b>Prof. Pratap Chandra Pradhan</b> Dean, School of Language & Literature, Sikkim University	Member
5.	<b>Dr. Subir Mukhopadhyay</b> Dean, School of Physical Sciences, Sikkim University	Member
6.	<b>Dr. Sohel Firdos</b> Dean, School of Human Sciences, Sikkim University	Member
<i>One Associate Professor by rotation, according to seniority, to be nominated by the Vice-Chancellor.</i>		
7.	<b>Dr. Nawal Kishore Paswan</b> Associate Professor & Head Department of Peace & Conflict Studies & Management, Sikkim University	Member
<i>One representative from the University Grants Commission</i>		
8.	<b>Prof. A. N. Rai</b> Director, National Assessment and Accreditation Council P. O. Box No. 1075, Nagarbhavi, Bangalore -560072, Karnataka	Member
<i>Three persons nominated by the Visitor</i>		
9.	<b>Dr. (Smt.) Kiran Datar</b> Former Dean of Colleges University of Delhi, B-86, Neeti Bagh, New Delhi – 49	Member
10.	<b>Shri Sonam Wangdi</b> Former Chief Secretary Govt. of Sikkim, Gangtok – 737 101	Member

11.	<b>Prof. S. C. Singh</b> Dean, College Development Council, Hemwati Nandan Bahuguna Garhwal University A-104, Parsvnath Prestige, Sector 93A, Express Way, Noida-Uttar Pradesh	Member
<i>Five persons to be nominated by the Visitor on the recommendations of the Vice-Chancellor of which one will be the Secretary, Department of Human Resources Development, Government of Sikkim</i>		
12.	<b>Prof. V. S. Prasad</b> Former Director, NAAC Flat No. 302, Hallmark Residency, Arora Colony, Road No. 3 Banjara Hall, Hyderabad – 500 034	Member
13.	<b>Dr. Thomas Chandu</b> Principal Secretary, Human Resource Development Department Govt. of Sikkim, Gangtok – 737 101	Member
14.	<b>Prof. Dr. (Mrs.) Ashum Gupta</b> Professor, Department of Psychology, University of Delhi, Delhi – 110 007	Member
15.	<b>Dr. R. R. Rao</b> INSA Honorary Scientist. 328, B-4, Kendriya Vihar Yelahanka, Bangalore – 560064	Member
16.	<b>Prof. Atul Sarma</b> Former Vice-Chancellor, Rajiv Gandhi University 80 DDA SFS Flats, Sector 5, Pocket 1, Dwarka, New Delhi-110075	Member
17.	<b>Shri T. K. Kaul</b> Registrar, Sikkim University	Ex-officio Secretary



## ACADEMIC COUNCIL

Sl.	Functionary	Designation
1.	<b>Prof. T. B. Subba</b> Vice-Chancellor, Sikkim University	Ex-officio Chairman
2.	<b>Dr. Dhaniraj Chettri</b> Dean of Students' Welfare, Sikkim University	Ex-officio Member
<i>Deans of Schools</i>		
3.	<b>Prof. Jyoti Prakash Tamang</b> Dean, School of Life Sciences, Sikkim University	Ex-officio Member
4.	<b>Prof. Pratap Chandra Pradhan</b> Dean, School of Languages & Literature, Sikkim University	Ex-officio Member
<i>Heads/Chairpersons of Departments and Centres of Studies</i>		
5.	<b>Dr. Subir Mukhopadhyay</b> Head, Department of Physics, Sikkim University	Ex-officio Member
6.	<b>Dr. Sohel Firdos</b> Head, Department of Geography, Sikkim University	Ex-officio Member
7.	<b>Dr. N. K. Paswan</b> Head, Department of Peace, Conflict Studies & Management, Sikkim University	Ex-officio Member
8.	<b>Dr. V. Krishna Ananth</b> Head, Department of History, Sikkim University	Ex-officio Member
9.	<b>Dr. A. N. Shankar</b> Head, Department of Commerce, Sikkim University	Ex-officio Member
10.	<b>Dr. N. Sathyanarayana</b> Head, Department of Botany, Sikkim University	Ex-officio Member
11.	<b>Dr. H. K. Tiwari</b> Head, Department of Microbiology, Sikkim University	Ex-officio Member
12.	<b>Dr. Manish</b> Head, Department of International Relations, Sikkim University	Ex-officio Member
13.	<b>Dr. Kabita Lama</b> Head, Department of Nepali, Sikkim University	Ex-officio Member
14.	<b>Dr. S. Manivannan</b> Head, Department of Horticulture, Sikkim University	Ex-officio Member



15.	<b>Dr. Manesh Choubey</b> Head, Department of Economics, Sikkim University	Ex-officio Member
16.	<b>Prof. A. S. Chandel</b> Librarian, Sikkim University	Ex-officio Member
17.	<b>Dr. Suresh Kumar Gurung</b> Controller of Examinations, Sikkim University	Ex-officio Member
<i>One Professor and One Associate Professor other than those referred to in items (2), (3), (4) and (5) from each School of Studies, Special Centres by rotation in order of seniority within the School.</i>		
18.	<b>Dr. Amitabha Bhattacharya</b> Associate Professor, Department of Physics, Sikkim University	Member
<b><u>Principals of Affiliated Colleges</u></b> <i>Two Principals of the affiliated Colleges to be nominated by the Vice-Chancellor provided the Principal is full-fledged official as per UGC rule.</i>		
19.	<b>Dr. (Mrs.) Lily Alley</b> Principal, Sikkim Govt. College, Rhenock, East Sikkim	Member
20.	<b>Dr. N. R. Bhuyan</b> Principal, Himalayan Pharmacy Institute, Majhitar 737 136, East Sikkim	Member
<b><u>Vice-Chancellor's Nominees</u></b> <i>Two persons, not being employees of the University or of a college or institution affiliated to it, to be nominated by the Vice-Chancellor.</i>		
21.	<b>Prof. D. K. Nayak</b> Department of Geography North-Eastern Hill University, Shillong - 793022	Member
22.	<b>Prof. Sanjay Roy</b> Department of Sociology North Bengal University, Dist. Darjeeling - 734 013	Member
23.	<b>Shri T. K. Kaul</b> Registrar, Sikkim University	Ex-officio Secretary



## FINANCE COMMITTEE

Sl.	Functionary	Designation
1.	<b>Prof. T. B. Subba</b> Vice-Chancellor, Sikkim University	Ex-officio Chairman
<i>Three persons to be nominated by the Executive Council, out of whom one shall be a member of the Executive Council</i>		
2.	<b>Shri Sonam Wangdi</b> Member, Executive Council	Member
3.	<b>Prof. Ashoke K. Dutta</b> Ex-Director, Rajiv Gandhi Indian Institute of Management, Shillong	Member
4.	<b>Shri M. G. Kiran</b> Principal Secretary, Finance, Revenue & Expenditure Department Govt. of Sikkim, Gangtok	Member
<i>Three persons to be nominated by the Visitor</i>		
5.	<b>Shri Jagmohan Singh Raju</b> Joint Secretary (CU&L), Ministry of Human Resource Development, New Delhi	Member
6.	<b>Shri Yogendra Tripathi</b> Joint Secretary & Financial Adviser Ministry of Human Resource Development, New Delhi	Member
7.	<b>Joint Secretary (CU)</b> University Grants Commission Bahadur Shah Zafar Marg, New Delhi	Member
8.	<b>Shri Dibakar Kanunjna</b> Adviser (Finance), Sikkim University	Ex-officio Secretary



The year 2013-14 was quite eventful for Sikkim University. It crossed a number of milestones during the year under report. The University is now poised for bigger strides, as its visibility has gone up significantly if the number of applications received by the University for the post of Assistant Professors and for admission to various programmes of the University are anything to go by. Some of the major milestones crossed during the year under report are described below.

## SYLLABUS REVISION

The University undertook the massive exercise of revising/drafting the syllabi of various programmes run by 29 University Departments during the Odd Semester (August – December) 2013 and the revision of the syllabi of 34 subjects taught at the colleges affiliated to the University during the Even Semester (February – July) 2014. On both the occasions there was involvement of concerned teachers and experts from other universities and research institutes. The participation of industry in curriculum development needs much to be desired. The Deans of Schools were in charge of supervising the revision/drafting work of the Curriculum Development Committees of each department/subject under their Schools. The syllabi so drafted/revised were sent to a committee for uniform codification, which were then edited before uploading the same in the University website. The same will also be printed and circulated among the stakeholders.

With the completion of this massive exercise, the University has now one of the most up-to-date syllabi in the country.

# EXECUTIVE SUMMARY





## RECRUITMENT OF FACULTY MEMBERS

Till 2012-13 out of 201 posts sanctioned under XI Plan, 69 (35%) faculty members were in its roll and 132 (65%) posts were lying vacant. The posts were advertised and screening was completed by the middle of 2013 but the selection committee could not meet till the middle of February 2014 for want of the Visitor's nominees. The University finally received the Visitor's nominees on 13<sup>th</sup> January 2014 and the selection committee meetings took place, almost every day including Sundays, from 19<sup>th</sup> of February to 27<sup>th</sup> of March 2014. Out of 132 posts advertised, selection committees could be held for 90 posts only because there were either no applications or not adequate number of applications for the posts of Professor and Associate Professor. For 90 posts about 500 candidates were interviewed and finally 62 candidates were selected out of which one candidate could not be offered appointment on account of a technical snag and two candidates did not join.

With this round of recruitment the percentage of filled-in posts has risen from 35 to 65 and this has helped 15 out of 29 departments to stabilize in terms of faculty strength. The University continues to take help from guest and adjunct faculty members but the dependence on such faculty has greatly reduced during the year under report.

It is also perhaps relevant to report that this time the teachers were selected from more than 40 different universities and colleges, who now bring intellectual traditions from their respective universities to Sikkim University. We now have teachers from more than 20 states of India, belonging to different religions, different constitutional categories, and even PWD.

## SELF STUDY REPORT FOR NAAC

At the time the University applied for NAAC accreditation the University had not completed six years of its establishment but since two batches of Master students had passed it was eligible for accreditation. Although 19 departments had completed 3-5 years in existence 10 out of 29 departments were just established, with or without any regular faculty members, as recruitment started much later than planned for reasons mentioned already. The University was functioning, and still does so, from rented buildings constructed for every purpose other than running classes and laboratories.

However, as per the directives of the MHRD, the University constituted a committee to prepare the Self Study Report and sub-committees were constituted for preparing report on each of the seven criteria, the departmental profiles and the University profile. Despite numerous challenges the committee came up with the report within the deadline set for us by NAAC and the same could be successfully uploaded on our website within the due date.

The University studied the SSRs of a few older universities that were awarded "A" grade and was pleasantly surprised that it fared better than some of them in some parameters, although it fared worse in some other criteria, particularly infrastructure. Being very newly established university without its own campus the University is not able to do many things that it is capable of doing, but what it has been able to achieve is no mean achievement. Although located in hired buildings, the classroom and laboratory infrastructure of the University is better than many central universities of the country. Its syllabi are very contemporary, dynamic and socially relevant. Its faculty members are not very experienced but they are young, energetic, imaginative, and eager to walk an extra mile for their students.



The preparation of the SSR was one of the most important activities during the year. It can now be a valid basis for identification of our strengths and weaknesses, opportunities and challenges and take the steps we need to take for fulfillment of the University's vision of emerging as a centre of excellence in Northeast India.

## 2ND CONVOCATION OF THE UNIVERSITY

The University held the 2<sup>nd</sup> Convocation of the University on 9<sup>th</sup> March 2014 conferring various degrees, gold and silver medals to students who graduated in the years 2010, 2011, 2012 and 2013. The convocation was presided by the Chancellor of the University Justice (Mrs) Ruma Pal and the convocation address was delivered by Padmabhushan Professor Mrinal Miri, Member of Rajya Sabha and Chancellor of Rajiv Gandhi



2<sup>nd</sup> Convocation at Manan Kendra, Gangtok



Awardees with Dignitaries

University. The Chief Rector of the University & Hon'ble Governor of Sikkim Sri Srinivas Patil also graced the occasion. The venue for the occasion was Manan Bhawan of the Government of Sikkim.

## 6TH FOUNDATION DAY CELEBRATION

The VI Foundation Day of the University was celebrated on 2<sup>nd</sup> July 2013. The Foundation Day Lecture was delivered by Professor A.C. Sinha, National Fellow of the Indian Council of Social Science Research, New Delhi. The topic of his lecture was "Social Formation in and around Sikkim in the middle of 20<sup>th</sup> Century". The then Minister of Human Resource Development, Govt. of Sikkim, Sri N.K. Pradhan was the chief guest



VC presenting VI Foundation Day memento to Prof. A. C. Sinha in presence of Minister of HRDD, GoS, Sri N. K. Pradhan



Cultural performance by students on the VI Foundation Day

and Sri C.D. Rai, a former bureaucrat and leader of democratic movement in Sikkim in 1940s, was the guest of honour on the occasion.

The celebration also included musical performances by the students of the University and classical performance by artists from Kolkata. The venue was the Saramsa Garden Auditorium.

## FOUNDATION STONE LAYING CEREMONY

The foundation stone of Sikkim University was laid on 16<sup>th</sup> April 2013 by the Visitor of the University, Sri Pranab Mukherjee in the august presence of the Hon'ble Governor of Sikkim & Chief Rector of the University Sri B.P. Singh and the Hon'ble Chief Minister of Sikkim Sri Pawan Chamling.



**Foundation Stone Laying Ceremony**  
(L to R Hon'ble Governor of Sikkim, Sri B. P. Singh, Hon'ble President of India, Sri Pranab Mukherjee, Hon'ble Chief Minister of Sikkim, Sri Pawan Kumar Chamling and Vice-Chancellor, Prof. T. B. Subba)

The Visitor lauded the efforts of the University and the state government to make the university a world class institution with local relevance. The occasion was also marked by performance of some folk dances.

## CAMPUS DEVELOPMENT

The achievements of the University regarding campus development are as follows:

- i. The University sponsored a bio-diversity survey of the campus area and the report identifying the bio-diversity micro hotspots of the campus was submitted.
- ii. The University got the contour mapping of the campus done and the report was submitted.



Construction of boundary wall in progress at Campus, Yangang

- iii. The boundary wall construction started and about one third of the work was completed.
- iv. The conceptual plan of the campus was ready after incorporating the feedback of the stakeholders.
- v. The process of selection of the architectural firm for preparing the master

plan and DPR of the campus development started during the period under report.

- vi. The plans to provide water and electricity to the campus are under progress whereas the road construction for the campus is almost completed.
- vii. The University expects to get the remaining 35 acres of land very soon.

## QUANTUM JUMP IN STUDENT POPULATION

The total number of students increased from 350 in 2012-13 to 755 in 2013-14, which is 2.16 times increase over the previous year. This has been possible because of 10 new departments started during the year under report and change in the admission policy of the University. Following the recommendation of a review committee the University decided to admit students on the basis of the marks obtained at the qualifying degree and not the marks obtained in admission test, as was the case earlier. However, in many departments, admission tests are still held.

The 2.16 times increase in students' population has put a lot of pressure on the administration to hire more buildings for classrooms and hostels. Two new hostels had to be added to the existing two hostels during the year under report making the total of two boys' and two girls' hostels.

## CENTRAL LIBRARY

During the last one year the University added about 9000 books to its collection of 28 thousand books in the Central Library. The University stopped subscribing those journals that are available from open access sources made available to us by Inlibnet or subscribed by ourselves. The University Central Library is all set to create an E-library, initially with the donations of e-books made by the Vice-Chancellor and some

faculty members.

The use of our e-resources remained rather limited during the year under report because the 1 gbps NKN connectivity in the Central Library never functioned with more than 115 mbps efficiency due to poor "last mile connectivity" provided by the BSNL.

## TEACHERS AND STUDENTS

The teachers published 6 books and 121 articles, presented 109 seminar papers and delivered 56 invited lectures. This indicates that they are academically very active. 25 of them also participated in Orientation and/or Refresher Course to augment their career prospects.

Regarding M. Phil and Ph. D students 3 of them qualified for Rajiv Gandhi National Fellowship, 4 cleared NET, 2 SLET, 1 Maulana Azad Fellowship, and 2 ICAR-NET. 2 scholars joined the Department of Microbiology as post-doctoral fellows. 22 students were awarded the degree of Master of Philosophy and 33 seminar papers were presented by M. Phil and Ph. D students during the year under report.

## MISCELLANEOUS ACHIEVEMENTS

The University got the following Cells established or activated during the year under report:

- IQAC
- Women's Cell
- Grievance Redressal Cell
- Anti-Ragging Cell
- NSS Cell
- Counseling and Placement Cell
- SC/ST/OBC/Minority Coaching Cell
- University Gym, and
- Students' Council



# Schools of STUDY

## SCHOOL OF SOCIAL SCIENCES

### Department of ECONOMICS

Name of the Head: **Dr Manesh Choubey**  
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### *Faculty Profile*

**Dr. Manesh Choubey**, Associate Professor, joined the department on 01-05-2012. He was awarded Ph. D degree for his thesis “Rural Credit Market and Interlinked Transaction in Rajasthan” by the Indian Agricultural Research Institute, New Delhi in the year 2004. He is presently engaged in research in Agricultural Economics and his areas of specialization are Agricultural Economics and Microfinance.

**Dr. Ruma Kundu**, Assistant Professor, joined the department on 27-02-2012. She was awarded PhD in Economics for her thesis “Comparative Economic Analysis of Inland and Marine Fisheries: A Case study in West Bengal” by the University of Burdwan in 2008. Her areas of specialization are Environmental Economics, Statistics and Econometrics.

**Dr. Pradyut Guha**, Assistant Professor, joined the department on 06-03-2012. He was awarded Ph. D degree for his thesis, “Performance of Tea Industry in the post

1991 Economic Environment: A Case Study of Assam” by Mizoram University in 2011. His areas of specialization are Agricultural Economics and International Trade.

**Dr. Rangalal Mohapatra**, Assistant Professor, joined the department on 13-08-2012. He was awarded Ph. D degree for his thesis “Effects of Education on Efficiency in Farm Production: An Empirical Study” by Utkal University in the year 2011. He is presently engaged in research in the areas of Productivity Efficiency and Bench Marking Analysis of the DMUs through application of DEA technique and his areas of specialization are International Trade and Agricultural Economics and Application of Microeconomics.

## **Publications**

### **Dr. Manesh Choubey**

- Choubey Manesh (2013) “Human Resource Issues in Microfinance Institutions operating in Bihar”. *International Journal of Human Resource Development and Management (IJHRDM)*. Vol 6(4) (ISSN NO - 1741-5160).
- Choubey Manesh (2013) “Quality and sustainability of joint liability groups and microfinance institutions: a case study of Cashpor microcredit services”. *International Journal of Research in Commerce, IT & Management*, Vol 3(4) (ISSN 2231-5756).
- Choubey, Manesh et al (2013) “Commercial Banking in India in the Wake of Financial Inclusion”, *International Journal of Current Research*, 5 (11), 3513-3519. ISSN: 0975-833X.

### **Dr. Ruma Kundu**

- Kundu, Ruma (2014) “Self-help Groups and Women Empowerment: A Case of Sikkim”. *Identity, Politics and Economic Development*

*in North-East India*. Eds. Komol Singha and M. Amarjeet Singh. New Delhi: Concept Publishing Company Pvt. Ltd. ISBN 9789351250401. pp. 245-261.

- Kundu, Ruma (2013) “Conflict between Sustainability and Profitability Issues: A Study of Two Fish Production Units”. *Resource Use, Development and Environment: Interfaces and Implications*. Ed. Ravi S. Singh. New Delhi: YS Books International. ISBN: 93-83793-16-3. pp.331-352.
- Mandal, Indraneel and Kundu, Ruma (2013) “A Study of the Interrelationship among the Sensex and the Sectoral Indices of the Bombay Stock Exchange: A Time series Analysis”. *An Application on Computational and Financial Econometrics*. Ed. Rudra P Pradhan. New Delhi: Bloomsbury Publishing India Pvt. Ltd. ISBN: 978-93-82951-36-0. pp. 349-359.
- Kundu, Ruma and Mandal, Indraneel (2014) “Socio-Economic Perspectives on School Dropouts: A Comparative Case Study in East and West Sikkim, *Rural Livelihood in India: Social, Economic and Environmental Issues*. Eds. Soumyendra Kishore Datta and Pravat Kumar Kuri. New Delhi : Serials Publications, ISBN: 978-81-8387-613-1. pp.300-318.

### **Dr. Pradyut Guha**

- Guha, Pradyut. Impact of Economic Slowdown upon the Indian and Western work culture” *Aatmbodh, Journal of Rajarshi School of Management & Technology* 10.2 (Spring 2013): pp.42-45. ISSN 0972-1398.
- Guha, Pradyut. “Challenges of Malaria in North East India and Health Awareness: A Case Study of East Sikkim.” *Himalayan Journal of Social Sciences* 3.1 (April 2013): pp.16-23. ISSN No. 2231-6639.



- Guha, Pradyut. “Cross Border Foreign Trade Intensity in North East India” *International Journal of Current Research* 5.8 (August, 2013): pp. 2368-2374. ISSN 0975-833X.
- Guha, Pradyut. “Small Scale Tea Cultivation in Assam” in K. Singh and M. A. Singh (ed), *Identity, Politics and Economic Development in North East India*, Concept Publishing Company Pvt. Ltd., New Delhi (2014) pp. 353-362. ISBN-13:978-93-5125-040-1.

#### **Dr. Rangalal Mohapatra**

- Mohapatra, R. “Farmers, Schooling and Farm Efficiency in Paddy Production: A Stochastic Frontier Function Approach”, *Asian Academic Journal of Social Science and Humanities*, 1(21), (2014) pp. 598-608. ISSN 2278 -859X.
- Mohapatra, R. “A Malmquist Index based Decomposition of Efficiency and Productivity Change in Belgium”, *Asian Academic Research Journal of Social Science and Humanities*, 1(19), (2014), pp. 55-71. ISSN 2278 -859X.
- Mohapatra et al. “Decomposition of Total Factor Productivity Change in Temi Tea Estate: A Malmquist Productivity Index Approach”, *International Journal of Current Trend and Research*, 2(1), (2013), pp. 236-244. ISSN: 2278-8042.
- Mohapatra, R. and Sen Bhabesh. “Technical, Allocative and Economic Efficiency in Sugarcane Production: A Non Parametric Approach”, *International Journal of Advanced Research*, 1(6), (2013), pp. 366-374. ISSN 2320-5407.
- Mohapatra R. “Farm Level technical Efficiency in Paddy Production: A Translog Frontier Production Function Approach”, *International Journal of Advanced Research*, 1(3), (2013), pp. 300-307. ISSN 2320-5407.

## **Seminar/Conferences**

#### **Dr. Manesh Choubey**

- Presented a paper titled “Tea production and Export from India: Trend and Policy issues”, organized by Department of Tea Management, Sikkim University on 9<sup>th</sup> April, 2013.
- Presented a paper titled “Technology adoption in Microfinance Institutions”, at the International conference on Microfinance and Microenterprises organized by Bhul Bhagat Mahila University, Sonepat. August 08-09, 2013.
- Presented a paper titled “Cultural Ecology of Teesta River: A Case Study on Yak Herding Community” on 26<sup>th</sup> March, 2014 organized by the Indian Institute of Advanced Studies, Shimla and Geography Department, Sikkim University.

**Dr. Ruma Kundu**, presented a paper titled “Extramarital Affairs and their Effects on Marriages in Sikkim: A Comparative Study” at the 7th International Conference on Issues on Development, Wellbeing and Livelihood, Department of Economics, University of Burdwan, January 17-18, 2014.

#### **Dr. Pradyut Guha**

- Presented a paper (co-authored) titled “Public expenditure and Its Relation with Gross Domestic Product of Sikkim: An Implication of Wagner’s Law” at the National Seminar on Ushering Economic Growth in the North Eastern Region of India organized by the Department of Economics, Manipur University in association with the Indian Econometric Society and Manipur Economic Association on 29-30 November 2013.
- Presented a paper (co-authored) titled “Regional Disparity in the Growth of Scheduled Commercial Banks as a source of Financial Exclusion” at the 15<sup>th</sup> Annual

Conference of North Eastern Economic Association, organized by the Department of Economics, Mizoram University, on 15<sup>th</sup> and 16<sup>th</sup> November 2013.

#### **Dr. Rangalal Mohapatra**

- Presented a paper titled ‘Cultural Ecology of Teesta River: A Case Study on Yak Herding Community’ on 26<sup>th</sup> March, 2014 at a seminar organized by the Indian Institute of Advanced Studies, Shimla and Geography Department, Sikkim University.
- Presented a paper titled ‘Public Expenditure and its Relation with GDP in Sikkim: An Implication of Wagner’s Law’ at the two day seminar on Ushering Economic Growth in the North Eastern Region of India organized by the Economics Department of Manipur University in Association with the Indian Econometric Society (TIES) and Manipur Economic Association held on 29-30<sup>th</sup> November, 2013.
- Presented a paper titled ‘The Dark Side of Hundred Billion Industry’ at the National Conference on Tea Culture and Science with Special Reference to Present Scenario of Indian Tea jointly organized by the Department of Plantation Management Studies, Sikkim University and Tea Board, India on 9<sup>th</sup> April, 2013.

#### ***Invited Lectures Delivered***

##### **Dr. Manesh Choubey**

- Land acquisition and Food Security Act, talk delivered at Rongli, in the programme organized by Bharat Nirman programme organized by Press Information Bureau, Government of India, 5<sup>th</sup> Oct, 2013.
- Financial planning for Education Officers, talk delivered in the programme organized by NUIPA in association with Government of Sikkim, 25<sup>th</sup> Feb, 2014.
- Valuation of Ecosystem Services, at

the programme organized by National Biodiversity Board at Gangtok on 5<sup>th</sup> March, 2014.

##### **Dr. Pradyut Guha**

- Delivered an invited lecture on MGNREGA and Rural Employment in Assam: A District Level Study at the UGC Sponsored National Seminar on Socio Economic Transformation in Rural Areas with special reference to North Eastern Region in India organised by the Department of Economics, Girls’ College, Kokrajhar in collaboration with Bodoland University, Kokrajhar, 11<sup>th</sup> May 2013.

##### **Dr. Rangalal Mohapatra**

- Lecture on Investor Awareness in North East India, jointly organized by Department of Management, Sikkim University and Bombay Stock Exchange Ltd. and held on 22<sup>nd</sup> November, 2013.

#### ***Refresher Course/Orientation Programme***

**Dr. Ruma Kundu** attended the 90<sup>th</sup> Orientation Programme at the UGC Academic Staff College, University of Burdwan, from 04.06.2013 to 01.07.13.

**Dr. Pradyut Guha** attended the 97<sup>th</sup> Orientation Programme at Academic Staff College, Gauhati University from 16<sup>th</sup> December 2013 till 12<sup>th</sup> January 2014.

#### ***Fellowships/Awards***

One student was awarded SLET and 2 students were awarded the Rajiv Gandhi Fellowship.

#### ***Projects***

**Manesh Choubey** (PI) Value of Ecosystem services by Tista in India and Banladesh. 9 months. Funded by IUCN. Amount 19 lakhs.





## Department of HISTORY

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### *Faculty Profile*

**Dr. V. Krishna Ananth**, Associate Professor, joined the department on 01-07-2013. He was awarded Ph. D degree for his thesis “The Working Class and the National Movement: A Case Study of Madras Presidency, 1937-47” by Jawaharlal Nehru University, New Delhi in the year 1992. He is presently engaged in research on Caste in Modern and Contemporary India. His areas of specialization are Contemporary Political History, Constitutional History of India and History of Social Movements in India.

**Ms. Sangmu Thendup**, Assistant Professor, joined the department on 01-06-2013. She was awarded MPhil for her thesis “Depictions of Caste and Gender Relations in the Vinaya Pitika and Digha Nikaya” by Jawaharlal Nehru University, New Delhi in the year 2009. She is presently engaged in research on Environmental Perspectives in Early Buddhism: A Study of the Early Texts”. Her areas of specialization are Social History, Gender, Environment and Buddhism.

### *Publications*

#### **V. Krishna Ananth**

- Fodder Scam, Lalu and the Conviction, *Economic and Political Weekly*, Vol. XLVIII, No 43, October 26, 2013 pp 12-14.
- A Message to the Aam Aadmi Party, *Economic and Political Weekly*, Vol- XLVIII, No. 50, December 14, 2013 (web exclusives)

<http://www.epw.in/web-exclusives/message->

aam-aadmi-party.html-0?ip\_login\_no\_cache=36eec350b678f8b45a5dcdfe33a39f

#### **Ms. Sangmu Thendup**

- “Environmental Perspectives in Early Buddhism: A Response to Ecological Challenges” in Mathew Koshy Punnackadu (Ed.), *Religious Response to Ecological Challenges: Papers presented at the International Ecological Conference*, held at Nilackal, Lambert Academic Publishing, Germany, 2013.

### *Seminars/Conferences*

**Dr. V. Krishna Ananth** presented a paper titled ‘The Historical Context of the Emergence of the AAP and its Implications for Constitutional Democracy in India’ at the National Seminar on Post-Liberalization Democratic Experience in India (Sponsored by ICSSR & UGC), at the Department of Political Science, University of North Bengal on February 27 and 28, 2014.

#### **Ms. Sangmu Thendup**

- Participated in the First International Conference on Pilgrimage and Relics at the Inter-University Centre Dubrovnik, Croatia between May 23 and 26, 2013 and presented a paper titled ‘Importance of Pilgrimage and Relics in Buddhism’.
- Presented a paper titled ‘Gender Relations as Reflected in the Early Buddhist Texts’ at the UGC sponsored National Seminar on ‘Changing Status of Women in India: Dimensions and Concerns’ organized by the Centre for Women’s Studies, North Bengal University, Darjeeling, March 29 and 30, 2014.

### *Invited Lectures Delivered*

#### **Dr. V. Krishna Ananth**

- History of the Media in India: From



Freedom Struggle to the Emergency at the Asian College of Journalism, Chennai on July 29, 2013.

- Land as Commodity: A comment on the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 at the Azim Premji University, Bengaluru on January 20, 2014.
- Corruption, emergence of AAP, role of media in facilitating good governance’ at the Department of Electronic Media and Communication, Pondicherry University, on February 10, 2014.

### *Seminars/Conferences/Lectures Organised*

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	Minorities in North-East India on Process of Inclusion and Development of Minorities in North-East India	March 22-23, 2014, Sikkim University, Gangtok	Ms. Sangmu Thendup, Co-Convenor, ICSSR and Ministry of Minority affairs funded National Seminar

### *Special Lectures in the Department*

A series of 10 lectures on the Transition Debate by Ms. Vibha Iyer, Assistant Professor, Department of Economics, Zakir Hussain College, University of Delhi (October 7 to 9, 2013).

### Department of INTERNATIONALS RELATIONS

Name of the Head: **Dr. Manish**  
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### *Faculty Profile*

**Dr. Manish**, Associate Professor, joined the department on 14-03-2012. He was awarded Ph. D degree for his thesis “Negotiating the Comprehensive Test Ban Treaty: 1994-1996” by Jawaharlal Nehru University in the year 2001. He is presently engaged in research on issues related to foreign policy & security studies.

**Dr. Sebastian N.**, Assistant Professor, joined the department on 10-10-2008. He was awarded Ph. D degree for his thesis “Globalisation and Social Development: A Comparative Study of Egypt and India, 1991-2001” by Jawaharlal Nehru University in the year 2009. He is presently engaged in Research on Globalisation and Developmental Policies and his areas of specialization are IR Theory, Globalisation and Development Debates, Politics of WANA.

**Dr. Teiborlang T. Kharsyntiew**, Assistant Professor, joined the department on 03-09-2008. He was awarded Ph. D degree for his thesis “British Attitude towards Common Foreign and Security Policy of the European Union” by Jawaharlal Nehru University in the year 2009. He is presently engaged in research on Border States and borderland community in India’s foreign policy and his areas of specialization are EU Foreign Policy and British Foreign Policy.

**Mr. Phairembam Newton Singh**, Assistant Professor, joined the department on 10-01-2008. His areas of specialization are Comparative Politics and Political Thought.



## **Publications**

**Sebastian N.**, (2013) “Islamic Movements and Emergence of Nationalism in Colonial Algeria”, in Kumar, Rajeesh and Navaz Nizar (eds.), *Islam, Islamist Movements and Democracy in the Middle East: Challenges, Opportunities and Responses* (Global Vision Publishing House, New Delhi) pp 209-228, ISBN 9788182205482.

## **Seminar/Conferences**

### **Dr. Manish**

- Presented a paper titled ‘Governing Security’ at the International Conference on India’s Political Economy in Transition, organized by Goa University, Goa on 21-22 Dec 2013.
- Participated in the “16 Asian Security Conference” organised by the Institute for Defence Studies & Analyses, New Delhi, Feb 19-21, 2014.
- Co-Convenor/ Presenter for the two-day National Seminar on “Trade at India’s Borders with the Neighbouring Countries: Challenges & Prospects”, Department of International Relations and Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS), Kolkata organized at Sikkim University, Gangtok, Oct 18-19, 2013.
- Organised Two-Day Seminar on “Tibet’s Relations with Himalayas”, Dept. of International Relations/Politics & Foundation for Non-Violent Alternatives (FNVA), Sikkim University, April 13-14, 2013.

### **Dr. Sebastian N.**

- Delivered Key Note Address on Democratisation, Governance and Technology: Issues and Challenges at the National Seminar on E-Governance: A Step Towards Digital Democracy organized by Department of Political Science, M.E.S. College,

Kodungallur, Kerala & Institute of Parliamentary Affairs, on 03 Feb 2014.

- Presented a paper on ‘External Challenges Ahead to Indian Parliamentary Democracy’ at the National Seminar on Parliamentary Democracy and Electoral Reforms in India organized by Post Graduate Department of Political Science, P. M. Govt. College, Chalakudy, Kerala on 20 Jan 2014.

**Dr. Teiborlang T. Kharsyntiew** presented a paper titled “Fashion Subcultures and Identity Formation in North East India” organized by Institute for Social Anthropology and Phonogrammarchiv, Austrian Academy of Sciences, Department of South Asian, Tibetan and Buddhist Studies, University of Vienna, 4- 6 July 2013.

### **Ph Newton**

- Presented a paper on “Ideas, Institutions and Social Change in Sikkim” at the UGC sponsored National Seminar on Rethinking Social Change: Recent Trends and Emerging Perspectives, held at Pachhunga University College, Aizawl, Mizoram on 16-17 May 2013.
- Presented a paper on ‘Moreh Trade: Women, Livelihood and Sustainability’ at the Two –Day National Seminar on “Trade at India’s Borders with the Neighbouring Countries: Challenges & Prospects” in collaboration with the Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS), Kolkata, held at Gangtok on 18-19 October 2013.



## *Invited Lectures Delivered*

### **Dr. Sebastian N**

- Special Lecture at UGC Academic Staff College, Calicut University on 20.07.2013 on the theme “Conceptualizing Globalisation from Indian Context”.
- Lecture at Unity Women’s College, Manjeri, Kerala on 26.07.2013 on the theme Globalisation and Indian State: Post 1991 Experiences in India.
- Lecture delivered at Post Graduate Department of Political Science, Sri Kerala Verma College, Trichur, Kerala on 21. 01. 2014 on the theme “Challenges to Indian Democracy in the 21st Century.”

**Ph Newton Singh** delivered a lecture on “Indian Parliament: New Challenges and Responses” at the Department of Political Science, Salesian College, Sonada on 7 August, 2013.

## *Refresher Course/Orientation Programme*

**Dr. Sebastian N.** attended the Orientation Programme conducted by UGC - Academic Staff College, University of Calicut from 28.06.2013 to 25.07.2013. He also attended the Refresher Course in Social Sciences, Batch VII (Interdisciplinary Subjects) held from 06.02.2014 to 26.02.2014.

**Dr. Teiborlang T. Kharsyntiew** attended the Refresher Course in Global Studies (Interdisciplinary) at Jawaharlal Nehru University held from April 07, 2014 to May 02, 2014.

## *Fellowships/Awards*

One student cleared UGC NET.

## *Seminars/Conferences/Lectures Organised*

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	Two Day National Seminar on ‘Tibet’s Relations with Himalaya’ in collaboration with the Foundation for Non-Violent Alternatives, New Delhi.	13-14 April 2013 Gangtok	Dr Manish Dr Sebastian
2.	Two Day National Seminar on “Trade at India’s Borders with the Neighbouring Countries: Challenges & Prospects” in collaboration with the Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS), Kolkata.	18-19 October 2013 Gangtok	Dr Manish Dr Teibor
3.	Student interaction with the US Consul General for various scholarship opportunities for Indian students in US.	26 March 2014 Gangtok	Dr Sebastian N Ph Newton Singh



## *M.Phil Degree awarded during the period*

1. **Mr. Sunil Pradhan** on the topic “The Role of ISI in Afghanistan: September 11 And Beyond” under the supervision of Dr. Manish.
2. **Ms. Tshering Doma Kaleon** on the topic “China’s Border Trade Policy and Its Impact on India-China Relations” under the supervision of Dr. Manish.
3. **Mr. Bikas Sarma** on the topic “Border, Migration and Security: Understanding Immigration in Assam” under the supervision of Dr. Sebastian N.
4. **Ms. Rukmini Kakoty** on the topic “Hybridity in the Diasporic Cinema” under the supervision of Dr. Sebastian N.
5. **Mr. Kamble Sunil Bhagwan** on the topic “Conflict Driven Internally Displaced Persons in Manipur: Legal and Human Security Framework” under the supervision of Dr. Teiborlang T. Kharsyntiew.
6. **Ms. Divya Rai** on the topic “Democratisation and Civil Society: An Analysis of Political Changes in Myanmar” under the supervision of Newton Singh.

## *Collaborations/MoUs signed involving the department during the period*

With Maulana Abul Kalam Azad Institute of Asian Affairs (Ministry of Culture, Government of India), Kolkata to set up Maulana Azad Centre for Studies in North East with Dr Manish, Associate Professor & Head, Dept of IR as Coordinator.

## Department of LAW

Name of the Head: **Mr. Veer Mayank**  
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## *Faculty Profile*

**Mr. Veer Mayank**, Assistant Professor, joined the department on 03-08-2010. His areas of specialization are International Trade and Business Law, International Law and International Economic Law.

**Ms. Denkila Bhutia**, Assistant Professor, joined the department on 01-05-2012. Her areas of specialization are Human Rights, Environmental Law and Family Law.

**Dr. Nidhi Saxena**, Assistant Professor, joined the department on 28-01-2013. She was awarded Ph. D degree for her thesis “Cyber Crime - Misuse of Electronic Technology - A Legal Study in the Light of Human Rights” by the Babasaheb Bhimrao Ambedkar University, Lucknow 2009. Her areas of specialization are Cyber Law, Commercial Law and Administrative Law.

## *Publications*

### **Saxena, Nidhi**

- “Indian Police - A Call for Human Approach on Policing Sexual Minority (LGBT).” *Hidayatullah National Law University Journal of Law and Social Sciences* Vol. 1, No. 1(2013), ISSN-2347-839X’ 31-45.
- “Protection of Trade Secrets and Confidential Information: An Overview of TRIPS Agreement in Indian Perspective, March 2012.” *India International Journal of Juridical Sciences*, Vol. 1, Issue 1(2013), ISSN No. 2278-3237.

## *Seminars/Conferences*

### **Mayank, Veer**

- Presented a paper titled “Consumer Protection under the Draft Indian Financial Code” at the National Seminar on Legal Protection of Consumers in A Global Economy – Recent Approaches and the Way Forward, organized by Banaras Hindu University in collaboration with the Centre for Consumer Studies, Indian Institute of Public Administration, New Delhi held on March 29-30, 2014.
- Presented a paper titled “Biodiversity and Ecotourism: Legal Interaction of Conservation and Development” at the UGC Sponsored National Seminar on Eco (Sustainable) Tourism in Sikkim: A Legal Perspective held on 8<sup>th</sup> and 9<sup>th</sup> March 2014 organized by Sikkim Government Law College in collaboration with Sikkim University, Gangtok, Sikkim .
- Presented a paper titled “Component - Framework Analysis of National Commission for Minority Educational Institution Act, 2004 in the context of the Fundamental Right to Establish and Administer Educational Institutions by Linguistic and Religious Minorities” at the two-day National Seminar titled “Process of Inclusion and Development of Minorities in North-East India” organized by Sikkim University on March 22-23, 2014 in Gangtok.

### **Bhutia, Denkila**

- Presented a paper titled “Eco (Sustainable) Tourism in Sikkim: A Legal Perspective” at the UGC sponsored National Seminar on Eco (Sustainable) Tourism in Sikkim: A Legal Perspective held on 8<sup>th</sup> and 9<sup>th</sup> March 2014 organized by Sikkim Government Law College in collaboration with Sikkim University, Gangtok, Sikkim.

### **Saxena, Nidhi**

- Presented a paper titled “Indian People and folklore: A Legal Perspective” at the International Seminar and Festival of Cultural Traditions of the Himalayas 6-10 August, 2013, Gangtok organized by Himalayan Heritage Research & Development Society, Sikkim Indian Council for Cultural Relations, Govt of India in association with Sikkim University, Gangtok.
- Presented a paper on “Electronic governance and service: An evaluation with Human rights perspective” at the International Conference on “Human Rights Law, Justice and Governance at the School of Legal Studies, Babsaheb Bhimrao Ambedkar University, Lucknow on April 26-27 2013.
- Presented a paper titled “Sikkim Ecotourism Policy - An Evaluation in the Light of Government Responsibilities for Ecotourism” at the UGC sponsored National Seminar on Eco (Sustainable) Tourism in Sikkim: A Legal Perspective held on 8<sup>th</sup> and 9<sup>th</sup> March 2014 organized by Sikkim Government Law College in collaboration with Sikkim University, Gangtok, Sikkim.

## *Invited Lectures Delivered*

**Saxena, Nidhi** delivered a lecture on “Information Technology Laws and Cyber Crime against Women” at the one day national seminar on “Combating Crime against Women” organized by Sikkim University Women’s Cell on 7<sup>th</sup> June 2014 at Sikkim Govt. College Auditorium.



## Seminars/Conferences/Lectures Organised

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	“Constitutional Vision of a Just Society”- by Prof. M. P. Singh	Saturday, 18 May, 2013 at the Namgyal Institute of Tibetology, Gangtok	Department of Law, Sikkim University
2.	“National Convention on Future of Legal Education in India”	Monday & Tuesday 10 -11 June 2013 at the Namgyal Institute of Tibetology, Gangtok	Department of Law, Sikkim University
3.	Intra-Moot Court Competition	October 27, 2013.	Department of Law, Sikkim University.

### Refresher Programme

### Course/Orientation

**Mayank, Veer** attended the Orientation Programme in Allahabad University from January 4 to 31, 2014.

**Saxena, Nidhi** attended the Orientation Programme in Allahabad University from January 4 to 31, 2014.

### Department of PEACE AND CONFLICT STUDIES AND MANAGEMENT

Name of the Head: **Dr. Nawal K. Paswan**  
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### Faculty Profile

**Dr. Nawal K. Paswan**, Associate Professor, joined the department on 05-03-2012. He was awarded Ph. D degree for his thesis “India’s Trade in Agricultural Food Products with South Asian Countries, 1990 - 1995” by Jawaharlal Nehru University, New Delhi in the year 2003. He is presently engaged

in research projects on Food Security in Sikkim and Traditional Methods of Conflict Resolution in Northeast India and his areas of specialization are natural resource conflicts and management, conflict and cooperation in South Asia and Central Asia, and strategic and developmental issues in North East India.

**Dr. Salvin Paul**, Assistant Professor, joined the department on 05-03-2012. He was awarded Ph. D degree for “Politics of Intellectual Property Rights: A study on Patenting Biodiversity, Traditional Knowledge and Geographical Indications with special Reference to Kerala” by Mahatma Gandhi University, Kottayam, Kerala/ Centre for the Study of Developing Societies (CSDS) New Delhi, in the year 2010. His areas of specialization are theories and laws of peace and conflict, non-traditional security discourses, and peace building and conflict transformation.

**Dr. Sanghamitra Choudhury**, Assistant Professor, joined the department on 09-03-2012. She was awarded Ph. D degree for her thesis “Women in Conflict Situations: A Study of Nalbari District of Assam” by Jawaharlal Nehru University in the year 2009. Her areas of specialization are gender and peace building, migration and human rights focussing third generational rights.

## Publications

### Nawal K Paswan

- Paswan, Nawal K and Kadirov S. Mukadirovich, (2013), *Internal Combustion Engines*, APH Publishing Corporation, New Delhi (ISBN: 978-93-313-1937-1; xvii + 459 pages).
- “India-Sri Lanka Investment Linkages” in *Deepening Economic Cooperation between India and Sri Lanka*, edited by Mukherji, Indra N. and Kavita Iyengar, Mandaluyong City: Asian Development Bank, 2013. pp. 167-218. ISBN 978-92-9254-169-9 (Print) and 978-92-9254-170-5 (PDF).
- Investment Cooperation in Central Asia: Prospects and Challenges, *India Quarterly*, Jan-March 2013 (69.1), pp. 13-33, Sage Publication.

### Choudhury, Sanghamitra

- *Falun Gong in China: Responses and Reactions*, Saarbrucken, Lambert Academic Publishing, ISBN 978-3-659-33397-2, 2013.
- Choudhury Sanghamitra, “Conflict-Text and Context: Studying Conflict through Literary Works”, *Himalayan Journal of Social Sciences*, Volume-3 Issue No.1 June, 2013, pp. 24-29 (ISSN 2231-6639).
- Empowerment through Entrepreneurship: A Case Study of Women Vendors of Gangtok, Sikkim, *International Journal of Economic and Managerial Thoughts* (IJEMT), Volume-3, Issue No.2, October-March, 2013, pp 152-159 (ISSN 2229-3736).
- Gender Discrimination and Social Exclusion: Assam Experience, *International Journal of Development Studies*, 2013, pp. 40-45, (ISSN. 0975-5799).
- Folk music as a voice of Marginalised Society: A comparative study of Goalparia

folk music of Assam (India) and Phleng Phue Chiwit of Thailand, *The Eastern Anthropologist*, Serial Publications, Volume 66 No 2-3. 2013, pp 279-291, (ISSN-0012-8686).

- Small Tea Growers of Assam and North-Bengal: A Policy Analysis, *International Journal of Economic and Managerial Thoughts* (IJEMT), Volume 4, Issue No.1, April, 2013-Sept, 2013, pp. 28-36 (ISSN 2229-3736).
- Police Community Relations in Conflict Zones of Assam through PRAHARI, *International Journal of Development Studies*, pp 32-38, 2013 (ISSN. 0975-5799).
- Learning proverbs through folktales: ‘Burhi air Sadhu’ - Grandma’s tales from Assam, India, pp. 61-72. In: Soares, Rui João Baptista; Lauhakangas, Outi (eds.) (2013). *6º Colóquio Interdisciplinar sobre Provérbios / 6th Interdisciplinary Colloquium on Proverbs: Actas ICP12 Proceedings*. Portugal, Tavira: AIP-IAP. 650 p.; 21,0 cm. [DL 366127/13; ISBN 978-989-96592-8-2].
- Reflections of rural values through ‘Fokora Jujona’, the Assamese proverbs from India’s North-East, pp. 555-560. In: Soares, Rui João Baptista; Lauhakangas, Outi (eds.) (2013). *6º Colóquio Interdisciplinar sobre Provérbios / 6th Interdisciplinary Colloquium on Proverbs: Actas ICP12 Proceedings*. Portugal, Tavira: AIP-IAP. 650 p.; 21,0 cm. [DL 366127/13; ISBN 978-989-96592-8-2].

### Aswant Katwal, Ph. D Scholar

“The Gorkhaland Conflict: An Analysis of the Sources and Threat Perceptions” in M. Singh (ed) *Conflict Transformation, Peace and Ethnic Divide in India’s Northeast*, May 2013. Guwahati: Kamakhya Publishing House.

“A History of the Darjeeling Region: Revisited through the Lens of the Gorkhaland Movement”





*SKWC Journal of Social Sciences*, Winter Issue, 2013-2014.

**Bhutia, Diki**, Ph. D Scholar

“Gender Discrimination and Human Trafficking in Darjeeling District”, *Human Rights International Research Journal*, Volume 2, Issue 1, IMRF Publications, Andhra Pradesh, 2014; ISSN 2320-6942, ISBN 978-93-84124-01-4.

**Jayanta Tamuli**, Ph. D Scholar

“Conflict-Text and Context: Studying Conflict through Literary works”, *Himalayan Journal of Social Sciences*, ISSN: 2231-6639, Vol.3.No.1 April-2013.

**Sanita Rai**, Ph. D Scholar

“Customary Laws and Property Rights of Married Women in Sikkim,” in ICWE-2014 Proceedings, March 07-08, 2014; IMRF Publishing House, 2014; ISBN 978-93-84124-00-7. Ed. Ratnakar. Vijayawada.

**Tikendra Chhetri**, Ph. D Scholar

- “Impact of Bodoland Movement on the Gorkhas of Assam: A case study of Chirang District”. In *Ethnic Integration in North-East India: Issues and Challenges* edited by Bindu Ranjan Chakma & Rajshree Dutta, published by Excel India Publishers ISBN: 978-93-82880-64-6. Delhi.
- “Understanding the folk musical community of Sikkim: A study of Damai in East Sikkim” *Jornal of North-East Region*, (2013) Vol:1 No:1, ISSN: 2321-0583.
- “Unskilled Migrant Labours (Contractual Labours) and Violation of Labour laws vis-a-vis Human Rights: A case study of Pakyong Airport construction site, Sikkim”. In *State of Human Rights in North-East India* edited by Jyotiraj Pathak, Global Publishing House, New Delhi, ISBN: 9789381563342.

**Tulika Chakravorty** Ph. D Scholar, “Role of Hindu Code Bill between Exclusion and Inclusion of Women in India”, *Sanshodhan*, Vol. 3, 2013-2014, ISSN No- 2245-8567.

### *Seminars/Conferences*

**Nawal K. Paswan** presented a paper titled “Role of Education and Culture in Facilitating Peace Building by Women and Girls” at a Dialogue on *Matrishakti - The Voice of Women Power for Peace-Building* organized by Gandhi Smriti and Darshan Samiti and Kasturba Gandhi National Memorial Trust, Assam Branch on 6-8 March, 2014.

**Diki Bhutia**, Ph. D Scholar, presented a paper on “Gender Discrimination and Human Trafficking in Darjeeling District” at the International Conference on Women Empowerment-2014, organized by International Multi Disciplinary Research Foundation, Vijayawada, Andhra Pradesh, 7 - 8 March 2014.

**Bitu Subba**, Ph. D Scholar

- Presented a paper on “Analyzing Entitlement Scheme and Women of Minority Community in Rural Sikkim: A case study of Schedule Tribe women belonging to Buddhist and Christian community” at the National Seminar on Minorities and Northeast India titled *Process of Inclusion and Development of Minorities in North East India* organised by Sikkim University, on 22-13 March 2014.
- Presented a paper on “Women Empowerment through MGNREGA in Sikkim” at the International Conference on “Deepening Democracy Through Local Governance” organized by Department of Local Self Government (Government of Kerala) and Kerala Institute of Local Administration (KILA), held at Thiruvananthapuram, Kerala, 19-21 January, 2014.

**Ganga Maya Tamang, M. Phil Scholar**

- Presented a paper on “Resistance to Globalization in Sikkim by Primitive Tribe of Dzongu” at the International Seminar on *Indian state and Indigenous / Tribal Peoples: Revisiting Philosophical Foundations of Constitutional Guarantees*, organized by Bodoland University in collaboration with Tata Institute of Social Sciences, Mumbai and Tribal Intellectual Collective India, held on 28 - 29 March, 2014.
- Presented a paper on “Status of Women in Tribal Societies of Sikkim” at the national seminar sponsored by UGC-SAP on *Gender and Democracy in Northeast India*, organised by Dept. of Political Science, Gauhati University, Assam held on 3-4 March, 2014.

**Jamsheed Jameel Mir, M.Phil Scholar** presented a paper on “Environmental Pollution and Management of Amarnath Pilgrimage in Kashmir”, at the International Conference on *Environmental Technology and Sustainable Development: Challenges and Remedies* organized by Baba Bhimrao Ambedkar University, held on 21 - 23 February, 2014.

**Jayanta Tamuli, Ph. D Scholar**

- Presented a paper on “The Teesta Warriors-Study on the anti-dam movement and Identity trajectory of the Lepcha tribe of Sikkim” at the National Conference on Conceptualizing and Contextualising Tribe in Contemporary India, organized by IDSK and Indian Anthropological Society, Kolkata, 6-8 February, 2014.
- Presented a paper on “Writing the rights-Human Rights issues of Bodoland Movement in Assamese Novels” at the National Seminar on Human Rights in India: Dalits, Tribals and Minorities, organized by the Central University of Gujarat, 21-22 November, 2013.
- Presented a paper on “Folkloristic traditions and Gender: A study on the portrayal

of women in Assamese folktales” at the International Seminar on the Cultural traditions and indigenous knowledge of Himalayan Ethnic Groups, organized by Ministry of Culture, Government of India and Indian Council for Cultural Relations with Sikkim University, 9 -10 August, 2013.

- Presented a paper on “Higher education in India: quality issues and need to evolve pedagogy - special focus on Peace and Conflict studies” at the NAAC sponsored National Seminar on Higher Education, organized by Harkamaya College of Education, Gangtok, Sikkim, 29-30 April, 2013.
- Presented a paper on “Role of Media in Gorkhaland Movement - A study on the recent phase of Gorkhaland Movement” at the National Seminar on Federalism, Democracy and Aspirations for Smaller states in India, organized by Department of History and Peace and Conflict Studies, Bodoland University, 28 September, 2013.
- Presented a paper on “The Doors not yet opened –Study on the representation of multilayered marginalisation of women in the literary works of Ratna Bharali Talukdar” at the UGC sponsored National Seminar on Reading and Re-Reading Contemporary women writers of North East India, organized by Department of English, J. B. College, Jorhat, 3-4 May, 2013.
- Presented a paper on “The Silent Peacebuilders-Role of Namghars in Peacebuilding in Assam” at the International Seminar on Philosophy of Culture, organized by Department of Cultural Studies, Tezpur University and Indian Council of Philosophical Research, 31<sup>st</sup> March-01<sup>st</sup> April, 2014.

**Maheema Rai, M.Phil Scholar**, presented a paper on “Participation of women in Gorkhaland movement”, at the national seminar organised by Department of Political Science, Bodoland University, Kokrajhar, held on 12 September,



2013.

**Nisha Rai**, M.Phil Scholar, presented a paper on “Participation of women in Gorkhaland movement”, at the National Seminar organised by Department of Political Science, Bodoland University, 21 September, 2013.

**Reshmi Limboo**, M.Phil Scholar

- Presented a paper on “Patterns of Domestic Violence against Women in Sikkim” at the national seminar on *Gender and Democracy in Northeast India*, organised by Department of Political Science, Gauhati University, Assam sponsored by UGC-SAP, 3-4 March, 2014.
- Presented a paper on “Revitalization of Ethnic Identity among Limboo Community in Sikkim” at the International seminar on *Indian state and Indigenous/Tribal Peoples: Revisiting Philosophical Foundations of Constitutional Guarantees* at Bodoland University, Kokrajhar, organised by Bodoland University in collaboration with Tata Institute of Social Sciences, Mumbai and Tribal Intellectual Collective India, held on 28 - 29 March, 2014.

**Sanita Rai**, Ph. D Scholar

- Presented a paper on “An analysis of customs and practices in tribal culture to understand the enigma of property inheritance rights of women: a case study of Sikkim” at the International Conference on Indian State and Indigenous/Tribal Peoples: Revisiting Philosophical Foundation of Constitutional Guarantees, organized by Bodoland University, TISS and Tribal Intellectual Collective India on 28<sup>th</sup> and 29<sup>th</sup> March 2014.
- Presented a paper on “Customary Laws and Property Rights of Married Women in Sikkim” at the International Conference on Women Empowerment organized by International Multi Disciplinary Research Foundation, Vijayawada, Andhra Pradesh,

India, 7-8 March 2014.

**Simanta Chettri**, M. Phil Scholar, presented a paper on “Role of Media in Gorkhaland Movement” at the National seminar organized by Department of Political Science, Bodoland University, Kokrajhar held on 12 September, 2013.

**Tikendra Chhetri**, Ph. D Scholar

- Presented a paper on “Buffer Ethnic Group: Understanding Existentiality of Gorkha Identity in Space of Ethnic-Contestation(s) in Bodoland Territorial Council, Assam” at the national seminar on *Democracy and Development in India's North-East: Challenges and Opportunities* organised by Indian Council of Social Science Research, Northeast region (ICSSR-NERC) Shillong, Meghalaya on 6 and 7 December, 2013.
- Presented a paper on “Unskilled Migrant Labours (Contractual Labours) and Violation of Labour laws vis-a-vis Human Rights: A Case study of Pakyong Airport construction site, Sikkim” at the national seminar on *State of Human Rights in North-East India* organized by North East India Political Science Association (NEIPSA) and Department of Political Science, Bodoland University, Kokrajhar, Assam held on 10 - 11 April 2013.

**Tonmoy Das**, M. Phil Scholar, presented a paper on “Role of traditional institution in Peace-building: a Study of Namghar in Assam” at the National Seminar organized by Tezpur University, Assam, sponsored by Ministry of Cultural affairs, New Delhi, organised by Department of Cultural Studies, Assam held on 11 May 2014.

**Tulika Chakravorty**, Ph. D Scholar, presented a paper on “Exclusion of Women in Health Perspective: A Case Study of West Bengal” at the UGC sponsored International Conference on Women, Empowerment and Globalisation organized by C.P. Berar & E.S. College, Nagpur held on 17<sup>th</sup> & 18<sup>th</sup> January, 2014.



## *Invited Lectures Delivered*

### **Dr. Nawal K. Paswan**

- Lecture cum presentation on “Status of Trade and Logistics in Central Asian Republics” at the Management of the Republican Centre of “Road Traffic Safety” (under the Tashkent Automobile - Road Institute), Tashkent, Republic of Uzbekistan on 5 September 2013.
- Lecture cum presentation on ‘Regional Transport Connectivity and Strategies in Central Asia’ at the Institute of Transport and Strategies, Management of the Republican Centre of “Road Traffic Safety” (under the Tashkent Automobile - Road Institute) Tashkent, Republic of Uzbekistan on 3 September 2013.
- Lecture on ‘India’s Economic Foreign Policy and Trade Cooperation with China’ at the Department of Economics, Northwest Normal University, Lanzhou, Gansu province, China on 2 April 2013 available on (<http://jjxy.nwnu.edu.cn/html/235.html>).
- Lecture on “Social Relation and Caste Conflicts in India” at the School of Social Work, College of Social Development and Public Administration, Northwest Normal University, Lanzhou, Gansu, China on 3 April 2013.
- Lecture cum presentation on “India’s Trade and Investment Policies and India-China Economic Relations” at the Yunnan Academy of Social Sciences, Kunming, China on 15 April 2013.
- Lecture cum presentation on “Afghan-Pakistan Transit Trade Agreement and its Implication for South Asian Trade Cooperation” at the Yunnan Academy of Social Sciences, Kunming, China on 15 April 2013.
- Lecture cum presentation on “Role of Border Trade in Promoting India-China Economic Relations” at the School of International Studies, Yunnan University, Kunming, China on 17 April 2013.
- Lecture cum presentation on “Afghan-Pakistan Transit Trade Agreement and its Implication for South and Central Asia” at the Institute of South Asian Studies, Sichuan University, Chengdu, China on 20 April 2013.
- Lecture cum presentation on “India-China Trade Cooperation: Multi Level Approaches” at the Institute of South Asian Studies, Sichuan University, Chengdu, China on 19 April 2013.
- Lecture cum presentation on “Caste and Conflicts in India” at the Sichuan Academy of Social Sciences, Chengdu, China on 20 April 2013.
- Lecture on “Research Methodology: Methods of Data Collection” at the School of Humanities and Social Sciences, IIT Patna, 29 December 2013.
- Key note address on “Global Peace Index and Cost of Violence” at the seminar on *Peace at home and Neighbourhood* organized by Rotary Club of Gangtok (South) at Mayfair Resort and Spa, Gangtok, Sikkim on 23 February, 2014.

## *Refresher Course/Orientation Programme*

**Dr. Salvin Paul** attended the 86<sup>th</sup> Orientation Programme organized by Academic Staff College, Goa University during August-September 2013.

**Dr. Sanghamitra Choudhury** completed Orientation Course at Jawaharlal Nehru University, New Delhi, during April-May, 2013.



## *Fellowships/Awards*

One student was awarded UGC-JRF/NET and two were awarded UGC-NET.

## *M. Phil Degree awarded during the period*

- Tenzin Kungphel (2011-13), “Hydro Politics of China in South Asia: Emerging Challenges to India” (Supervisor: Dr. Nawal K. Paswan).
- Tikendra K. Chhetry (2011-13), “The Buffering Ethnic Identity in Assam: A Case Study of Gorkhas in Chirang District, Bodoland Territorial Council (BTC) Assam” (Supervisors: Bidhan Golay and Dr. Nawal K. Paswan).
- Japheth Darngawn (2011-13), “An Analysis of Sixth Schedule Autonomy in Multi-Ethnic North Cachar Hills Autonomous District” (Supervisor: Dr. Salvin Paul).

## *Projects*

- Dr. Nawal K. Paswan, Associate Professor “*Role and Effectiveness of Public Distribution System in Ensuring Food Security in Sikkim*” (2013-15) funded by Indian Council for Social Science Research, New Delhi.
- Dr. Nawal K. Paswan, Associate Professor “*India-Central Asia: Prospects of Strengthening Trade and Economic Partnership*” (2011-2013) financial support by Indian Council for Social Science Research, New Delhi: Project Report submitted on 24 January 2014.

## Department of POLITICAL SCIENCE

Name of the Head/Incharge: **Dr. Omprasad Gadde**  
Office Phone Number: 03592-227018  
Mobile number: 91-9474979304  
Email id: [opgadde@cus.ac.in](mailto:opgadde@cus.ac.in)

## *Faculty Profile*

**Dr. Om Prasad Gadde**, Assistant Professor, joined the department on 25-05-2013. He was awarded Ph. D degree for his thesis “Power Sector Reforms in India and Bangladesh: A Comparative Study” by Jawaharlal Nehru University, New Delhi in the year 2008.

He is presently engaged in research on Political Economy and Migration in South Asian region and his/her areas of specialization are Energy Sector, South Asia, and Political Economy.

**Bidhan Golay**, Assistant Professor, joined the department on 01-07-2013. He is pursuing Ph. D degree for his thesis “Constructions of Gorkha Identity: A Case Study of the Discourse on Nationality and Citizenship in India” at Jawaharlal Nehru University, New Delhi. He is presently engaged in research on History of Colonial Governmentality in Darjeeling and his/her areas of specialization are Political Theory, Cultural Studies.

## *Seminars/Conferences attended*

**Dr. Om Prasad Gadde** presented a paper on “Migration, Remittances and Poverty in South Asia: A Comparative Analysis”, at the International Interdisciplinary Conference on Human Resource Mobility in South Asia: Implications, Exploitation and Remedies, organised by the Department of Geography, Sikkim Government College, Tadong, Gangtok, 18-19 october 2013.

## Bidhan Golay

- Presented a paper on “History and Governmentality in Colonial Darjeeling: Some Theoretical Explorations”, at a One Day National Seminar on History, Culture, Environment and Development: Indian Experiences, organised by Department of Economics and Political Science, St. Joseph’s College, Darjeeling, 7<sup>th</sup> December, 2013.
- Presented a paper on “Postcolonial Theory and Subaltern Studies: Some Theoretical Explorations” at the National Seminar on “Post Colonial Writing in Nepali” organised by Sahitya Akademi in collaboration with Dept. of Nepali, Sikkim University on 10<sup>th</sup> November, 2013.

## Seminars/Conferences/Lectures Organised

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	Radical Politics in the Age of Imperialism: Challenges and Possibilities	29 <sup>th</sup> August, 2013, Conference Hall, Barad Sadan Building, Sikkim University	Bidhan Golay (Organising Secretary) Om Prasad Gadde (Organising President)
2.	The Nationality Question in India	30 <sup>th</sup> August, 2013 Conference Hall, Barad Sadan Building, Sikkim University	Bidhan Golay (Organising Secretary) Om Prasad Gadde (Organising President)

## Department of SOCIOLOGY

Name of the Head: **Dr. Swati Akshay Sachdeva**  
Office Phone Number: 03592-251228  
Mobile number: 91-9434144111  
Email id: sasachdeva@cus.ac.in

## Faculty Profile

**Dr. Swati Akshay Sachdeva**, Assistant Professor, joined the department on 20-10-2008. She was awarded Ph. D degree for her thesis “A Structural Analysis of Bhutia Society and position of Bhutia Women in Society of Sikkim” by North Bengal University in the year 2006. Her areas of specialization include Gender Studies, Political Sociology, Eastern Himalayas, Cultural Studies.

**Dr. Khangembam Indira**, Assistant Professor, joined the department on 29-03-2012. She was awarded Ph. D degree for her thesis “Social Organization and Religion among the Lois of Manipur” by Jawaharlal Nehru University in the year 2004. Her areas of specialization include ethnographic study on the Lois (SC) of Manipur, Sociology of Education, Caste and Social Stratification.

**Dr. Binu Sundas**, Assistant Professor, joined the department on 01-10-2008. He was awarded Ph.

D degree for his thesis “HIV/AIDS in Darjeeling Hills: An Analysis of Population Dynamics and Institutional Response” by Jawaharlal Nehru University. His areas of specialization include Sociology of Health, Research Methodology, and Sociology of Development.



## Publications

### Sachdeva, S. A.

- Cultural Understanding of Samkhalung among the Rai Community of Sikkim. *Voice of Intellectual Man*, Vol 3. No. 2, July-December, 2013, ISSN: 2231-6914, pp. 19-34.
- Gendered Participation in the Buddhist Himalayas, Sikkim and Bhutan: A Comparative Study on visions of female participation. *The Eastern Anthropologist*, 66(2) April–September, 2013, ISSN 0012-8686, pp. 293-314.
- Education Transformation and Quality: A Sikkim Experience. *Quest: The Journal of Vivekananda Kendra Institute of Culture*, Vol. VII, No.1, July 2013, ISSN-0976-0040, pp. 97-113.
- Verma, S., Sachdeva, S.A., & Pandey, V. (2013). Suicide among Sikkim's Youth: An Exploration. *Shoryabhami, An International Multilingual Research Journal for Language, Social Science and Commerce*, Vol 1, Feb-April, ISSN: 2319-720X.

### Indira, Khangembam

- “Modern Education in Manipur: Challenges in Providing Quality Education in a Crisis Society”, *Quest*, 7(1) (2013): 114 -129. ISSN-0976-0040.
- “Social Problems among the Adolescents of Manipur: Role of Parents and Teachers”, *Journal of North East India Studies*, 4(1) (2014):13-21, open Journal System, ISSN: 2277-6869.

### Sundas, B.

- “Alcohol Consumption and Health Consequences: A Study in Darjeeling Hills,” in *Public Health: Dimensions of Development in North East India*, ed. S. S. Acharya and Hemkothang Lhungdim.

New Delhi: Academic Publications, 2013, pp.180-207.

- “HIV/AIDS Spread and Care Mechanism for PLWHA in Darjeeling: Historical Context and Recent Scenario,” in *Public Health: Dimensions of Development in North East India*, ed. S. S. Acharya and Hemkothang Lhungdim. New Delhi: Academic Publications, 2013, pp. 298-325.
- “Human Rights Concern of People Living With HIV/AIDS in Darjeeling,” in *Human Rights in India: Problems and Prospects*, ed. P.K. Burman and A Rajak. New Delhi: New Academic Publishers, 2013, pp. 74-86.

## Seminars and Conferences

**Dr. Swati A Sachdeva** presented a paper titled “Gendered Participation in the Buddhist Himalayas, Sikkim and Bhutan: A Comparative Study on Visions of Female Participation”, jointly with Dr. Winnie Bothe at the seminar on Tibet’s relation with the Himalayas, Part II, organised by the Foundation for Non-Violent Alternatives (FNVA) in collaboration with the Department of International Relations/Politics, Sikkim University, Gangtok, 12-16<sup>th</sup> April, 2013.

### Dr. Khangembam Indira

- Gender and Education in Manipur at the National Seminar on Excellence in Higher Education: Challenges and Remedies, 18-19<sup>th</sup> October 2013, Bodhchandra College, Imphal.
- Culture and Tradition: A study on Sherpa Marriage at the International Seminar organized by Himalayan Heritage Research & Development Society, Sikkim in association with Sikkim University at Sikkim University, 9<sup>th</sup> August 2013, Gangtok.



- Moreh Trade: Women, livelihood and sustainability at the National Seminar on Trade at India's borders with the neighbouring countries: Challenges and Prospects, Maulana Abul Kalam Azad Institute of Asian Studies & Department of International Relations, Sikkim University, Gangtok.

### *Invited Lectures Delivered*

**Dr. Khangembam Indira** lectured on Teaching and Evaluation of Social Sciences in School with reference to NCF 2005 at Sangai Higher Secondary School, Mantripukhri, Imphal on 20.04.2013.

### *M.Phil Degree Awarded*

1. Peter Rai "Understanding Substance Abuse and Its Correlation with Social Change in Sikkim" (Supervisor: Dr Binu Sundas).
2. Maria N. Lepcha, "A Sociological Study of the Traditional Health Practices among the Lepcha Community in Kalimpong" (Supervisor: Dr Binu Sundas).

## SCHOOL OF LIFE SCIENCES

### Department of BOTANY

Name of the Head: **N. Sathyanarayana**  
Office Phone Number: 03592-231270  
Mobile number: 91-8348566069  
Email id: nsathyanarayana@cus.ac.in

### *Faculty Profile*

**Dr. N. Sathyanarayana**, Associate Professor, joined the department on 12-04-2012. He was awarded Ph. D degree for his thesis "Mutation Breeding & Tissue Culture Studies in Mulberry (*Morus sp.*)" by the University of Mysore in the year 2001. He is presently engaged in research on Genomics assisted breeding of underutilized/ medicinal legume sp. and his areas of specialization are Plant Molecular Biology & Genomics.

**Dr. Dhani Raj Chhetri**, Associate Professor, joined the department on 07-05-2012. He was awarded Ph. D degree for his thesis "Partial purification and characterisation of L-myo-inositol-1-phosphate synthase from *Diplopterygium glaucum* (Thunb.) Nakai" by Burdwan University in the year 2004. He is presently engaged in research in the field of medicinal plants and plant biochemistry and his areas of specialization include plant biotechnology, medicinal plants and plant abiotic stress.

**Dr. Santosh Kumar Rai**, Assistant Professor, joined the department on 29-05-2013. He was awarded Ph. D degree for his thesis "Studies on the Ethnobotany of Darjeeling Himalaya" by the University of North Bengal in the year 2004. His areas of specialization are Ethnobotany and Medicinal plants of Darjeeling-Sikkim Himalaya.

**Dr. Ms. N. Bijyalaxmi Devi**, Assistant Professor, joined the department on 02-07-2012. She was awarded Ph. D degree for her thesis "Litterfall, litter decomposition and soil microbial biomass dynamics in the mixed oak forest at Langol hill Range, Manipur" by Manipur University in the year 2006. She is presently engaged in research in the field of ecology and her areas of specialization are Forest Ecology and Plant soil interactions.

### *Publications*

Shivakameshwari, M. N., **Sathyanarayana**, N., Leelambika. M, Harini SS, Geetha, H. L.





Genetic diversity in populations of *Urginea Indica* Kunth. (Liliaceae) using cytological and molecular markers. *Asian Academic Journal of Multidisciplinary*, 19(1), 2013: 85-115.

**Chhetri, Dhani Raj** and Lama Sujun. “Chilling and salinity induced metabolic responses in different cultivars of *Vigna umbellata* T”. *Journal of Environment and Social Science Research*, 2 (2013): 1-8.

**Chhetri, Dhani Raj**. “Who is worried about the loss of biodiversity and Medicinal Plants in Darjeeling Himalayas?” In: *Prabuddha*. Ed K. Subba, SPSNS, Darjeeling (2013).

**Rai, S.K** and Bhujel, R.B. Survey on ethnoveterinary plants of Darjeeling Himalaya, India. *Pleione*, 7(2), 2013: 508-513.

#### **Devi, N.Bijaylaxmi**

- Ritual plants used by the Meitei community of Manipur, Northeast India. *NeBIO*, 4(3), 2013: 32-35.
- Valuing ecosystem Services of Sikkim Himalayas. *Ecology Environment Conservation*, 19(4), 2013: 1089-1091.
- *Ecological dynamics of a mixed oak forest of Northeast India*. Lambert Academic Publishing Germany, 2013, ISBN No.9783659395048.

#### **Seminars/Conferences**

**N. Sathyanarayana** presented a paper on “Areas requiring R&D Intervention for high yield and

quality raw material production from Medicinal plants” at the National Conference on New Frontiers in Medicinal plant research & Special meeting on Medicinal Plants for livelihood security and community empowerment in Eastern Himalayas, 3-5 October 2013, Namgyal Institute of Tibetology, Gangtok.

**Bimal Kumar Ghimire, N. Bijayalaxmi** and **Santosh Kumar Rai** presented a poster on “Adventitious shoot regeneration via direct organogenesis from the leaf explant of *Melastoma malabatricum* Linn.” at the National Conference on New Frontiers in Medicinal plant research & Special meeting on Medicinal Plants for livelihood security and community empowerment in Eastern Himalayas, 3-5 October 2013, Namgyal Institute of Tibetology, Gangtok.

**Puran Chettri and N. Bijayalaxmi Devi** presented a poster on “Traditional remedy as a remedy to treat common ailments by the Sikkimese people” at the National Conference on New Frontiers in Medicinal plant research & Special meeting on Medicinal Plants for livelihood security and community empowerment in Eastern Himalayas, 3-5 October 2013, Namgyal Institute of Tibetology, Gangtok.

#### **Invited Lectures Delivered**

##### **Dr. N Sathyanarayana**

- Intellectual Property Rights, Sikkim Govt. College, Tadong, 13 March, 2014.
- DNA Sequencing Techniques, Science Centre, Sikkim State Council for Science & Technology, Marchak, Sikkim, 19 September, 2013.

## *Seminars/Conferences/Lectures Organized*

Sl. No.	Theme	Date and Venue	Name/s of the Organizer/ Conveners
1.	Medicinal Plants Title: National Conference on New Frontiers in Medicinal Plants Research & Special meeting on Medicinal Plants for livelihood security and community empowerment in Eastern Himalayas.	3-5 October, 2013 Namgyal Institute of Tibetology, Gangtok	Organizing Secretary: N. Sathyanarayana Convener: Dhani Raj Chhetri Members of Organizing committee: Santosh K. Rai, N. Bijaya Laxmi Devi and Arun Chhetri
2.	Frontiers in Biological Sciences	15th November, 2013 Chintan Bhavan, Gangtok	Coordinator: N. Sathyanarayana Assistant Coordinator: Santosh K. Rai Member: Dhani Raj Chhetri, N. Bijaya Laxmi Devi

## *Refresher Course/Orientation Programme*

- i. **Dr. Santosh Kumar Rai** attended the orientation programme conducted by Himachal Pradesh University, Shimla (H.P) from 10 June to 6 July, 2013.
- ii. **Dr. N Bijaya Laxmi Devi** attended refresher course on “Recent trends in Life Sciences” at Manipur University from 10 to 30 January, 2014.

## *Equipment added during the year*

- a. Thermo double beam UV-Vis Spectrophotometer
- b. PeqStar PCR thermal cycler
- c. Thermo -20°C deep freezer
- d. Hermle Cooling Centrifuge

## *Collaborations/MoUs signed involving the department during the period*

An MoA has been signed between Sikkim University and Sir M. Visvesvaraya Institute of Technology, Bangalore on 21<sup>st</sup> Jan. 2014 towards Scientific collaboration & Training at the initiative of the Department of Botany.

### Department of HORTICULTURE

Name of the Head: **Dr. S. Manivannan**  
Office Phone Number : 03592- 250060  
Mobile number: 91- 7602878189  
Email id: horticulture@cus.ac.in

## *Faculty Profile*

**Dr. S. Manivannan**, Associate Professor, joined the department on 30-04-2012. He was awarded Ph. D degree for his thesis “Variation in leaf nutrients standards as affected by varying levels of N, P, K, method and time of application and



sampling techniques in Kinnow” by the Indian Agriculture Research Institute, New Delhi in the year 2002. He is presently engaged in ionic and metabolomic profiling of horticultural crops for both conventionally and organically grown and his areas of specialization are fruits, spices and plantation crops research.

**Dr. Sujata Upadhyay** Assistant Professor, joined the department on 20-07-2010. She was awarded Ph. D. degree for her thesis “Micropropagation of Sweet Orange (*Citrus sinensis* L. Osbeck) cv. Mosambi” by Banaras Hindu University, Varanasi (U.P.) in the year 2009. She is presently engaged in propagation, nutritional and postharvest studies of indigenous crops of Sikkim and her areas of specialization are fruit science and plant tissue culture.

**Dr. Manju Rana**, Assistant Professor, joined the department on 03-08-2009. She was awarded Ph. D degree on her thesis titled “Effect of Biostimulants and Biofertilizers on Growth, Flowering and Physio-chemical properties of rose cv. Laher” by G.B. Pant University of Agriculture and Technology, Pantnagar in year 2009. She is presently engaged in doing research on production technology of ornamental bulbous crop and her areas of specialization are production of flower crops and ornamental plants, organic farming, medicinal and aromatic plants.

**Dr. D. Pratap**, Assistant Professor, joined the department on 30-04-2012. He was awarded Ph. D degree for his thesis titled “Molecular characterization of a cucumovirus causing fern leaf/ shoestring in tomato and development of resistance in tomato plants utilizing viral capsid protein gene” by the University of Lucknow and National Botanical Research Institute, Lucknow in the year 2010. He is presently engaged in the molecular characterization of economically important viruses affecting horticulture crops in Northeast India and development of user friendly and cost effective diagnostic kits for the management of viral diseases.

**Dr. Niladri Bag**, Assistant Professor, joined the

University on 04-07-2011 and the department in 2013. He was awarded D. Phil degree for his thesis “Mass propagation of tea, maggar bamboo and dev-ringal” by H.N.B. Garhwal University, Srinagar, Uttarakhand in the year 2002. He is presently engaged in the standardization of *in vitro* protocols for important horticultural plants.

**Dr. Arun Chettri**, Assistant professor, joined the University on 04-07-2011 and the department in 2013. He was awarded Ph. D degree for his thesis “Effect of forest fragmentation on vascular plant diversity in Khangchendzonga Biosphere Reserve, Sikkim with emphasis on regeneration of important taxa”, by North-Eastern Hill University in the year 2011. He is presently engaged in plant diversity study, plant distributional modeling and conservation aspects of threatened plant species and his areas of specialization include angiosperm taxonomy, ecology and conservation biology.

### **Publications**

Bag A., **Bag N.** 2014. Human manganese superoxide dismutase target sequence polymorphism and ovarian cancer. *Annals of Medical and Health Sciences Research*, 4: 69-70.

Bag A., Pant N.K., Jeena, L.M., **Bag N.**, Jyala N.S. 2013. *GSTT1* Null, *MPO* -463G>A polymorphisms and carboplatin toxicity in an Indian population. *Asian Pac J Cancer Prev*, 14: 4739-42.

**Bag N.** and Palni L.M.S. 2013. Seed germination studies of Dev-ringal *Thamnocalamus spathiflorus* (Trin.) Munro - a temperate bamboo. *Indian Forester* 139 (7): 610-614.

**Chettri, Arun** and Barik, SK. Assessing ethnobotanical value and threat status of *Tetrastigma rumicispermum* (Lawson) Planch., a lesser known liana species of Khangchendzonga Biosphere Reserve, Sikkim. *Indian Journal of Traditional knowledge*, 12(2), (2013): 339-341.

Ito Hamildullah, Syamal M.M., **Upadhyay**

**Sujata**, Ahuja Preeti and Mir H. (2013). *In vitro* plant regeneration of grape cv. Perlette through axillary bud and shoot tip explants. *Indian J. Hort.*, 70(2): June 2013, pp. 185-189.

Mandal, D., Panda A. K. and **Rana M.**, 2013. Medicinal Plants used in folk medicinal practice available in rich biodiversity of Sikkim. *Environment and Ecology*, 31(3A): 1445-1449.

Mohapatra R., Birtia S., **Bag N.** and Chettri A. (2013) Decomposition of Total Factor Productivity Change in Temi Tea Estate: A Malmquist Productivity Index Approach, *Int. J. Cur. Tr. Res*, 2 (1): 236 – 244.

Pandey S.K., Hemantaranjan A., Srivastava J.P. and **Upadhyay Sujata** (2013). Effect of Zinc Content and Antioxidant Enzyme Superoxide Dismutase Level in Mungbean under Induced Salinity Conditions. National Conference of Plant Physiology on “Current Trends in Plant Biology Research”, *Jungadh*, Dec.13-16, 2013, pp.703-704.

**Upadhyay Sujata** (2013). Suggestions on Improved Plant Protection Measures under Organic Farming Conditions. Research article published in *Proceedings of IMI Sustainable Mountain Development Summit-3*, Kohima, Sep.25-27, 2013.

## **Seminars/Conferences**

### **Dr. Arun Chetri**

- Oral presentation on “Forest resources, village livelihood and documentation of important places in the fringe areas of Pangolakha Wildlife Sanctuary, Sikkim, India at the National Conference on Biodiversity on 16-18<sup>th</sup> January, 2014, in Kolkota.
- Oral presentation on “Predictive distributional modeling of *Picrorhiza kurroa*, a threatened medicinal plant species in Sikkim Himalaya” at the

National Conference in the New Frontiers in Medicinal Plant Research and Special Meeting on Medicinal plants for Livelihood Security & Community Empowerment in Eastern Himalayas on 3-4 October, 2013 in Sikkim University.

- Oral presentation on “Diversity and Management of weeds in Temi tea garden, South Sikkim” at the National Conference on Tea Culture and Science: Special reference to present scenario of Indian tea on 9<sup>th</sup> April, 2013 in Sikkim University.

**Bag N.** and Chettri Arun (2013) Micropropagation of Tea towards Supply of Large Number of Plants to the Industry. In: National conference on Tea culture and Science - Special reference to Present Scenario of Indian Tea, 9<sup>th</sup> April, 2013 Department of Plantation Management and Studies, Sikkim University, Gangtok.

Pandey A., Palni L.M.S., **Bag N.** and Singh Shipra (2013) Organic Tea in India: The Scope and Possibilities, In: National Conference on Tea culture and Science - Special reference to Present Scenario of Indian Tea, 9<sup>th</sup> April, 2013 Department of Plantation Management and Studies, Sikkim University, Gangtok.

**Dr. D. Pratap** made an oral presentation on “Study of viruses responsible for the *foorkey* and *chirke* disease of large cardamom in north east India” at the National Conference on New Frontiers in Medicinal Plant Research (NCMPR-2013), organized by Sikkim University, Gangtok on 3-5 October 2013.

## **Invited Lectures Delivered**

### **Dr. S. Manivannan**

- Delivered lectures on Project Management in Agricultural Research and Motivation for the women executives of agriculture and allied sectors at SIRD, Karfectar,



organized by FS & ADD, Sikkim and MANAGE, Hyderabad on 26<sup>th</sup> and 27<sup>th</sup> November, 2013.

- Delivered lectures on “Research initiatives in Indigenous germplasm of Sikkim towards knowledge generation and commercialization” at the Capacity

the one week training course on “Commercial Floriculture” on 16<sup>th</sup> July, 2013.

### *Seminars/Conferences/Lectures Organized*

Sl No	Theme	Date and Venue	Name/s of the Organizer/ Conveners
1.	National Conference on Tea Culture and Science: Special Reference to present Scenario of Indian Tea	9 April, 2013	Department of Plantation Management and Studies, Sikkim University Member of Organizing committee: Arun Chettri
2.	Kiwifruit a promising crop for NE and Cultivation of strawberry under polyhouse condition	13 Sept, 2013 Dept of Horticulture	Dr. S. Manivannan & Dr. S. Upadhyay
3.	National Conference on New Frontiers in Medicinal Plants Research & Special meeting on Medicinal Plants for livelihood security and community empowerment in Eastern Himalayas.	3-5 October, 2013 Namgyal Institute of Tibetology, Gangtok	Member of Organizing committee: Arun Chettri
4.	National Seminar on Biodiversity Conservation in the face of Climate Change in the Himalayas	8 November, 2013	Member of Organizing committee: Arun Chettri

Building Workshop on Economic valuation of bio-resources for access and benefit sharing, organized by National Biodiversity Authority of India at Gangtok on 18<sup>th</sup> March 2014.

**Dr. S. Upadhyay** delivered lecture series (comprising four lectures) on Present scenario and Export Potential of Floriculture in India; Geographical distribution, description of major flower crops; General practices of major flower crops; and General practices of cultivation of major foliage and ornamental plants at SBI Rural Self Employment Training Institute, Gangtok in

### *Refresher Course/Orientation Programme*

**Dr. Manju Rana** attended the 64<sup>th</sup> Orientation Programme from July 3 to 30, 2013 at the UGC-Academic Staff College, Banaras Hindu University, Varanasi.

**Dr. Manju Rana** attended the Winter School on “Hi-Tech Technologies for Enhancing Productivity, Nutritional Quality and Value addition in Fruits and Flower production” from December 10 to 30, 2013 and organised by Department of Horticulture, College of Agriculture, G B Pant University of Agriculture and Technology, Pantnagar.



**Dr. S. Upadhyay** attended in “11<sup>th</sup> Refresher Course in Agricultural Sciences” held at Academic Staff College, B.H.U., Varanasi on February 5-25, 2014.

### ***Equipment added during the year***

Flow Injection Analyzer, trinocular microscope with data management system

### ***Projects***

#### **Dr. S. Manivannan**

Associate Professor & PI

Title: Potential bio control of the invasive species *Hedychium gardenerianum*, *H. flavescens* and *H. coronarium* in Sikkim, India

Project Period: July 2013 to December 2014

Source of Funding: CAB International

#### **Dr. D. Pratap**

Assistant Professor & PI

Title: “Molecular characterization of the viruses associated with *chirke* and *foorkey* disease of Large Cardamom in North East India”

Project Period: 2013-16

Source of funding: Science and Engineering Research Board (SERB), Department of Science and Technology, New Delhi.

## Department of MICROBIOLOGY

Name of the Head: **Dr Hare Krishna Tiwari**

Office Phone Number: 03592-232085

Mobile number: 91-9734445746

Email id: hktiwari@cus.ac.in

### ***Faculty Profile***

**Dr. Jyoti Prakash Tamang**, Professor, joined the department on 14-03-2012. He was awarded Ph. D degree for his thesis ‘Studies on the microflora of some traditional fermented foods of the Darjeeling hills and Sikkim’ by the University of North Bengal in the year 1992. He is presently engaged in the study of Microbiology of fermented foods and beverages of the Himalayas by culture-dependent and culture-independent techniques of microbial diversity, their nutritional profiles, probiotics and functional properties and his areas of specialization are Food Microbiology and Microbial Diversity.

**Dr. Hare Krishna Tiwari**, Associate Professor, joined the department on 12-03-2012. He was awarded Ph. D degree for his thesis titled ‘Studies on Staphylococci: Genotypic and Phenotypic Characterization’ by Banaras Hindu University in the year 2007. He is presently engaged in the Epidemiological studies on Gastrointestinal tract and Urinary tract pathogens and his areas of specialization are Clinical Microbiology and Diagnostic Molecular Biology.

**Dr. Bimala Singh**, Assistant Professor, joined the department on 01-10-2008. She was awarded Ph. D degree for her thesis ‘Chemomodulatory Potential of *Trachyspermum ammi* and *Foeniculum vulgare* on Murine Skin and Forestomach Papillomagenesis by Jawaharlal Nehru University in the year 2008. She is presently engaged in the study of Antimicrobial and antioxidant properties of herbal plants and her areas of specialization are Antioxidant and antimicrobial properties of herbal plants, environmental microbiology and cancer chemoprevention.



**Dr. Buddhiman Tamang**, Assistant Professor, joined the department on 01-10-2008. He was awarded Ph. D degree for his thesis titled “Role of Lactic Acid Bacteria in Fermentation and Bio-preservation of traditional Vegetable Products” by the University of North Bengal in the year 2007. He is presently engaged in the study of Lactic Acid bacteria and Functional Foods and his areas of specialization are Food Microbiology.

**Dr. Nagendra Thakur**, Assistant Professor, joined the department on 13-10-2008. He was awarded Ph. D degree for his thesis “Functional characterization of the 40 bp internal repeat of murine gamma herpesvirus-68” by the Ludwig Maximilian University, Munich, Germany in the year 2006. He is presently engaged in the study of extremophiles (Thermophiles and Psychrophiles) of Sikkim and his areas of specialization are Environmental Microbiology and Virology.

### **Publications**

Gajamer, V.R., Najara, I. N., Hemant, P. and **Thakur, N.** Prevalence of Liver Diseases in Sikkim and its associated Risk Factors. *The Journal of Public Health, Photon* 115: (2013):140-146.

**Thakur, N.**, Das, S., Sherpa, M.T and Ranjan, R. GPS mapping and physical description of Polok, Borong and Reshi Tatopani-Hot Springs of Sikkim. *Journal of International Academic Research for Multidisciplinary (JIARM)*, 1(10), (2013), 637-648. ISSN No. 23205083.

Najar, I. N., Sachdeva, S. and **Thakur, N.** Prevalence and Risk Factors associated with Various Types of Diseases in Sikkim. *Journal of Community Medicine and Health Education*, 3(245), (2013).

Kharel, N., Palni, U. and **Tamang, J.P.** (2013). Ethnic street foods sold in Gangtok and Nainital towns of India. *Journal of Hill Research*, 26 (1&2): 64-87.

Yonzan. H. and **Tamang, J.P.** (2013). Optimization of traditional processing of *Selroti*, a popular cereal-based fermented food. *Journal of Scientific and Industrial Research*, 72: 43-47.

**Tamang, J.P.** (2014). Biochemical and modern identification techniques - microfloras of fermented foods. In: *Encyclopaedia of Food Microbiology, 2dition* (Eds: Batt, C. and Tortorello, M.A.). Elsevier Ltd., Oxford, pp. 250-258.

Ghosh, A.N., Bhatta, D.R., Ansari, M.T., **Tiwari, H.K.**, Mathuria, J.P., Gaur, A., Supram, H.S., and Gokhale, S. “Application of WHONET in antimicrobial resistance surveillance of uropathogens: A first user experience from Nepal.” *Journal of Clinical and Diagnostic Research*, 2013, 7(5): 845-848.

Bhattacharjee, A., Chandra, A.K., **Tiwari, H.K.**, Malik, T. and Chiranjit. M. “Serum Thyroglobulin antibody (anti-Tg) and Thyroperoxidase antibody (anti-TPO) levels in School Children from goiter endemic sub-Himalayan Tarai region of Eastern Uttar Pradesh, India” *International Journal of Medical and Health Sciences*, 2013, 2(1):149-153.

### **Seminars/Conferences**

#### **Dr. Hare Krishna Tiwari**

- Presented a paper titled ‘Prevalence of Human Bacterial Gastrointestinal Pathogens from Sikkim and North Bengal’ at the Poster Session of UGC Sponsored National Seminar on “Applied Microbiology: Microbial World 2014”, organised by Department of Microbiology, University of North Bengal, Siliguri, March 14, 2014.

## *Invited Lectures Delivered*

### **Prof. Jyoti Prakash Tamang**

- UGC-Special Lecture on “Fermented foods” to Ph. D. students, organized by Department of Microbiology, Vidyasagar University, Midnapur, West Bengal, April 15-16, 2013.
- Invited Talk and interaction with Ph. D. students: “Molecular tools and functionality in fermented foods” organized by Agricultural & Food Engineering Department, IIT Kharagpur, April 17, 2013.
- Plenary talk at National Seminar in Microbiology on “Fermented foods as hub for microbiota and mycobiota” organized by Department of Microbiology, North Bengal University on March 14, 2014.

- Ms. Varsha Rani Gajamer “The Study of Human Gastrointestinal Pathogens from Sikkim and North Bengal”. Dr. Hare Krishna Tiwari (Supervisor).
- Mr. Ranjan Kaushal Tirwa “A Study on the Effect of Antibiotic Exposure on Gut-microbiota of Healthy Individuals”. Dr. Buddhiman Tamang (Supervisor).
- Ms. Bhumika Poudyali “Evaluation of Antibacterial and antioxidant properties of *Tupitra nutans*, *Tectaria macrodonta* and *Laportea terminalis*”. Dr. Bimala Singh (Supervisor).
- Mr. Ishfaq Nabi Najar “Microbiological and Physicochemical Study of Yumthang Hotspring (Tatopani) of Sikkim”. Dr. Nagendra Thakur (Supervisor).

## *Seminars/Conferences/Lectures Organised*

### *Post-Doctoral Fellows*

- Dr. Rakshak Acharya: UGC-Dr. D.S. Kothari Postdoctoral Fellowship for

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	“Frontiers in Science & Technology: Integrative Biotechnology and Molecular Biology”	24-25 May 2014, Sikkim University, Tadong	Prof. J. P. Tamang,

## *Fellowships/Awards*

Two Scholars were awarded ICAR-NET, one Rajiv Gandhi National Fellowship, one Maulana Azad National Fellowship, one qualified GATE examination and one qualified SLET examination.

## *MPhil degree awarded during the period*

- Ms. Ranjita Rai “Application of Hazard Analysis and Critical Control Point (HACCP) System in production of kinema, fermented soybean food”. Prof. Jyoti Prakash Tamang (Supervisor).

three years (2013-2016) under Prof. Jyoti Prakash Tamang. The title of Post-doc work: “Study of bacterial diversity from East Rathong glacier of Sikkim and bio-prospecting for cold active enzyme from the associated culturable bacteria”.

- Dr. Rajen Chettri: DBT Research Associateship Programme in Biotechnology and Life Sciences for three years (2013-2016) under Prof. Jyoti Prakash Tamang. The title of Post-doc work: “Optimization of the culture conditions for the production of Poly- $\gamma$ -Glutamate (PGA) biopolymer





by *Bacillus* spp. isolated from *kinema* (a traditional fermented soyabean food from North-Eastern part of India)".

## Projects

- Dr. Buddhiman Tamang (PI) and Dr. Nagendra Thakur (Co-PI). Assistant Professor "Digestive enzymes ( $\alpha$ -glucosidase and  $\alpha$ -amylase) inhibitory probiotic lactobacilli for controlling postprandial hyperglycemia" 2012-17, sanctioned by DBT in year December 2012.
- Dr. Uttam Lal, Dr. Nagendra Thakur, Dr. Rakesh Ranjan and Dr. Sohail Firdos, "Consortium Project: Himalayan cryosphere project: Science and society" sanctioned by DST in 2013.

## Department of ZOOLOGY

Name of the Head: **Dr. Basundhara Chettri**  
Mobile number: 91-9475009134  
Email: zoology@cus.ac.in bkacharya@cus.ac.in

## Faculty Profile

**Dr. Basundhara Chettri**, Assistant Professor, joined the department on 27-05-2013. She was awarded Ph. D degree for her thesis 'Distribution and resource use patterns of reptiles along the Teesta valley, Eastern Himalaya, Sikkim, India' by Bharathiar University, Tamil Nadu in the year 2008. She is presently engaged in research on "Confirmation of Taxonomic Identification of a few unidentified species of Amphibians and reptiles of Sikkim Himalaya, India" and her areas of specialization are Herpetology and Taxonomy.

**Dr. Bhoj Kumar Acharya**, Assistant Professor, joined the department in 2014. He was awarded

Ph. D Degree for his thesis 'Bird Communities and their Distribution Pattern along the Elevation Gradient of Teesta Valley, Sikkim' by Bharathiar University, Tamil Nadu in the year 2008. He is presently engaged in research on "The assessment of the potentiality of cultivated systems in biodiversity conservation with reference to birds and butterflies in the Sikkim Himalayas" and his areas of specialization are Ecology and Ornithology.

**Dr. M. P. Thapa** joined the department as a Guest Faculty in February 2014. He was awarded Ph. D degree for his thesis 'Limnological studies and their ecological significance of lacustrine systems in an around Shillong, Meghalaya' by North Eastern Hill University, Shillong in the year 1982. His areas of specialization are Limnology, Ecology and Biosystematics.

**Prof. T. K. Chaudhuri** joined the department as a Guest Faculty in March 2014. He was awarded Ph. D degree for his thesis 'Mitogen mediated activation of murine T-cells *in-vivo* for immunological function' by North Bengal University, Siliguri in the year 1984. He is presently engaged in research on "Immuno-modulatory properties of some local plants, Population genetics with reference to TLR and KIR" and his areas of specialization are Cytogenetics, Cancer Biology and Immunology.

**Dr. Namrata Thapa** joined the department as a Guest Faculty in March 2014. She was awarded Ph. D degree for her thesis 'Studies on Microbial Diversity Associated with Some Fish Products of the Eastern Himalayas' by North Bengal University, Siliguri in the year 2002. She is presently engaged in research on "Assessment of Microbiological safety of common street foods of Sikkim and application of HACCP system" and her areas of specialization are fish microbiology and parasitology.

**Dr. Min Bahadur** joined the department as Guest Faculty in September 2013. He was awarded Ph. D degree for his thesis 'Study on evolutionary divergence in the Indian pygmy field mice' by Banaras Hindu University in the year 1995. He is presently engaged in research on

“Heterochromatin variation among the population of *Mus terricolor*” and his areas of specialization are Cytology and Genetics.

## Publications

Debnath M, Mitra B, Bera NK, **Chaudhuri T K**, and Zhang Y P. (2013) Lack of Association of Il-6 (-174 G>C) and Tbf-A (-238 G>A) Variants with Paranoid Schizophrenia in an Indian Bengalee Population. *Cytokine*, 61: 455-458.

Dey P and **Chaudhuri T K** (2013) Assessment of erythrocyte membrane stabilizing activity, haemolytic activity and cytotoxic effect of *Dioscorea alata*. *Asian Journal of Pharmaceutical and Biological Research*, 3: 8-12.

Dey P and **Chaudhuri TK** (2013) Antioxidant capacity of *N. indicum*: a correlation study using principal component analysis and multivariate statistical approach. *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(3): 931-937.

Dey P, Dutta S, and **Chaudhuri TK** (2013) Evaluation of erythrocyte membrane stabilizing activity, haemolytic activity and cytotoxic effect of the areal tubers of *Dioscorea alata* L of North-Eastern region of India. *Journal of Pharmaceutical and Scientific Innovation*, 2: 1-4.

Dey P., Roy S and **Chaudhuri T K** (2013) Stimulation of Murine Immune Response by the Tubers of *Dioscorea alata* L. of North-Eastern Region of India. *Proceedings of the Zoological Society*, 66: 8-13.

Dutta S, Dey P and **Chaudhuri TK** (2013) Assessment of bioactive phytochemicals present in the root of *Croton bonplandianum* available in the sub-Himalayan region of West Bengal. *International Journal of Pharmacy and Pharmaceutical Sciences*, 5: 540-545.

Dutta S, Dey P, and **Chaudhuri T. K.** (2013)

Quantification and correlation of the bioactive phytochemicals of *Croton bonplandianum* leaves of Sub-Himalayan region of West Bengal. *Asian Journal of Pharmaceutical and Clinical Research*, 6:142-147.

Guha P, Srivastava SK, Das A, Bhattacharjee S, Halder B and **Chaudhuri T. K.** (2013) Comparative analysis of the ABO, KIR and HLA loci among the Rajbanshis of North Bengal Region, India. *Annals of Pharma Research*, 1: 18-24.

Guha P, Srivastava SK, Bhattacharjee S, **Chaudhuri T. K.** (2013) Human Migration, Diversity and Disease Association: A convergent role of established and emerging DNA markers. *Frontiers in Genetics*, 4:1-8.

Guha P, Bhattacharjee S and **Chaudhuri T. K.** (2013) Study of the Kir Profiles and Analysis of the Phylogenetic Relationships of Rajbanshi Population of West Bengal, India. *Human Immunology*, 74: 673-780.

Lama M, Chatterjee M and **Chaudhuri T K** (2013) Total Serum Immunoglobulin E in Children with Asthma. *Indian Journal of Clinical Biochemistry* 28:197-200.

Lama M, Chatterjee, M and **Chaudhuri T K** (2013). Total serum Immunoglobulin E in Children with Asthma. *Indian Journal Clinical Biochemistry*, 28:197-200.

Miao Yw, Peng Ms, Wu Gs, Ouyang Yn, Yang Zy, Liang Jp, Pianchou G, Pereira Ab, Mitra B, Palanichamy Mg, Baig M, **Chaudhuri TK**, Shen Yy, Kong Qp, Murphy Rw, Yao Yg And Zhang Yp (2013) Chicken Domestication: An Updated Perspective Based on Mitochondrial Genomes. *Heredity*, 110: 277-281.

Pan, H., **Chettri, B.**, Yang, D., Jiang, K., Wang, K., Zhang, L. and Vogel, G. (2013) A New Species of the Genus *Protobothrops* (Squamata: Viperidae) from Southern Tibet, China and Sikkim, India. *Asian Herpetological Research*, 4: 109–115.

Roy S, Hazra B, Mandal N, and **Chaudhuri T**



**K** (2013) Assessment of the Antioxidant and Free Radical Scavenging Activities of Methanolic Extract of *Diplazium esculentum*. *International Journal of Food Properties*, 16:1351-1370.

Roy S, Hazra B, Mandal N, and **Chaudhuri TK** (2013) Assessment of the Antioxidant and Free Radical Scavenging Activities of Methanolic Extract of *Diplazium esculentum*. *International Journal of Food Properties*, 16:1351-1370.

Roy S, Tamang S, and **Chaudhuri TK** (2013) Sperm viability assessment using 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide reduction assay of Swiss albino mice treated with *Diplazium esculentum*. *Asian Journal of Pharmaceutical and Health Sciences*, 13:684-689.

Roy S, Tamang S, Dey P, and **Chaudhuri TK** (2013) Assessment of the immunosuppressive and hemolytic activities of an edible fern, *Diplazium esculentum*. *Immunopharmacology and Immunotoxicology*, 35: 365-372.

Rudra, M. and **Bahadur, M.** (2013) Heterochromatin variation among the population *Mus terricolor* Blyth, 1871 (Rodentia, Muridae) chromosome Type I. *Comparative Cytogenetics*, 7: 139-151.

Singh, B. And **Chaudhuri, T.K.** (2014) Role of C-reactive protein in schizophrenia: An overview. *Psychiatry Research*, 216: 277-285.

Singh, B., Bera, N.K. and **Chaudhuri, T.K.** (2013) Risk of becoming schizophrenic: birth order and HLA profile. *Proceedings of Zoological Society*, 66:8-13.

**Acharya, B. K.** and Sharma, G. (2013) Forests and Biodiversity. In: *Gazetteer of Sikkim*. Home Department, Government of Sikkim, Gangtok, India. 42-72.

### **Equipment added during the year**

- (a) Binocular Compound Microscope (Olympus-CX31) – 5
- (b) Simple Microscope (Olympus) – 10

Sharma, G. and **Acharya, B. K.** (2013) Agriculture Systems and Management Diversity. In: *Gazetteer of Sikkim*. Home Department, Government of Sikkim, Gangtok. 225-259.

### **Seminars/Conferences**

#### **Dr. Bhoj K Acharya**

- Presented a paper titled ‘Effects of climate change on ecologically sensitive faunal elements in the Sikkim Himalayas, India’ at the National Seminar on Biodiversity Conservation in the face of Climate Change in the Himalayas, Sikkim University, Gangtok on November 8, 2013.
- Presented a paper titled ‘Faunal diversity along an Eastern Himalayan elevation gradient: an analysis of patterns and causes’ at the International Congress of Ecology (INTECOL 2013), organized by the British Ecological Society at Excel, London, 18-23 August 2013.

**Dr. Basundara Chettri** presented a paper titled ‘Elevational distribution pattern and conservation of amphibians in the Eastern Himalaya, India’ at the International Congress of Ecology (INTECOL 2013), organized by the British Ecological Society at Excel, London, 18-23 August 2013.

### *Seminars/Conferences/Lectures organized*

Theme	Date and Venue	Name/s of the Organiser/Conveners
National Seminar on Biodiversity Conservation in the face of climate change in the Himalayas	8 November, 2013 Conference Hall, Forest Env. and WL Management Department, Deorali, Gangtok, Sikkim	Convenor: Dr. Basundhara Chettri

### *Projects*

Name of PI	Designation	Title of the project	Project period	Source of funding
Dr. Basundhara Chettri	Assistant Professor	Confirmation of Taxonomic Identification of a few unidentified species of Amphibians and reptiles of Sikkim Himalaya, India	2013-2015	University Grants Commission



Upcoming laboratory of Department of Zoology along with instruments

## Department of CHEMISTRY

Name of the Head: **Dr. Sudarsan Tamang**  
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Email id: chemistry@cus.ac.in

### *Faculty Profile*

**Dr. Somendra Nath Chakraborty**, Assistant Professor, joined the department on 02-04-2012. He was awarded Ph. D. degree for his thesis ‘Melting Freezing and Potential Energy Landscape’ by the IIT Delhi in the year 2007. He is presently engaged in molecular simulations and his areas of specialization are statistical thermodynamics of phase transformation and clathrate hydrates.

**Dr. Sudarsan Tamang**, Assistant Professor, joined the department on 07-03-2012. He was awarded Ph. D. degree for his thesis ‘Synthesis and Functionalisation of Near Infrared emitting nanocrystals for biological imaging’ by the University of Grenoble, France in the year 2011. He is presently engaged in low temperature synthesis of III-V semiconductor nanomaterials and his areas of specialization are 1) synthesis of semiconductor nanomaterials 2) organic synthesis.

### *Publications*

Graeme J. Stasiuk, **Sudarsan Tamang**, Daniel Imbert, Christelle Gateau, Peter Reiss, Pascal Fries and Marinella Mazzanti. “Optimising the relaxivity of Gd(III) complexes appended to InP/ZnS Quantum dots by linker tuning” *Dalton Trans.*, 42(2013) 8197-8200.

### *Invited Lectures Delivered*

**Dr. Sudarsan Tamang** delivered an invited lecture on InP quantum dots for biological

imaging applications: Challenges and possibilities on 12<sup>th</sup> March 2014 in a two day national seminar on Frontiers in Chemistry-2014 at North Bengal University.

## Department of COMPUTER APPLICATIONS

Name of the Head: **Mrs. Chunnu Khawas**  
Office Phone Number: 03592-251788  
Mobile number: 91- 9635767123  
Email id: ckhawas@cus.ac.in

### *Faculty Profile*

**Mrs. Chunnu Khawas**, Assistant Professor, joined the department on 07-02-2011. She was awarded MTech degree in Computer Science and Engineering from Sikkim Manipal University in the year 2011. She is presently engaged in research related to the field of Satellite Image Processing and her areas of specialization are Remote Sensing and GIS.

**Mr. Partha Pratim Ray**, Assistant Professor, joined the department on 07-02-2012. He was awarded MTech degree in Electronics and Communication Engineering from West Bengal University of Technology in the year 2011. He is presently engaged in Internet of Things and his area of specialization is Embedded Systems.

**Ms. Rebika Rai**, Assistant Professor, joined the department on 07-03-2012. She was awarded MTech degree in Computer Science and Engineering from Sikkim Manipal University in the year 2009. She is presently engaged in research related to the field of Swarm Intelligence / Image Processing and her areas of specialization are Swarm Computing and Digital Image Processing.

### *Publications*

**Mr. Partha Pratim Ray, Ms Rebika Rai**: “Open Source Hardware: An Introductory Approach”,



Lap Lambert Publishing House, Germany, page 187, ISBN: 978-3-659-46591-8, July 2013.

**Ray, P. P., Rai, R.,** Validation of Range of Resistance of Sensor through Sensor Data Acquisition using SimPlot: A Case Study, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)*, ISSN: 2277-128X, Vol. 3(4), pp. 1251-1255, 2014. Online.

**Ray, P. P.,** Channel Modeling of Human Somatosensory Nanonetwork: Body Discriminative Touch and Proprioception Perspective, *International Journal on Computer Science and Engineering (IJCSE)*, ISSN: 0975-3397, Vol. 5(10), pp.874-884, 2013. Online.

**Ray, P. P.,** Automata Modeling Of Hormonal Molecular Communication Channel In Human Body, *International Journal on Recent Trends in Engineering and Technology (IJRTET)*, Vol. 8(1), ISSN: 2158-5563, pp.8-12, DOI: 01.IJRTET.8.1.35, 2013. Online.

**Ray, P. P.,** Communication Channel Modeling and Automata Designing of Human Auditory System, *International Journal on Recent Trends in Engineering and Technology (IJRTET)*, Vol. 8(1), ISSN: 2158-5563, pp.13-17, DOI: 01.IJRTET.8.1.49, 2013. Online.

**Rebika Rai,** Ratika Pradhan, M.K.Ghose, “AASC: Advanced Ant based Swarm Computing

*International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, Volume 3, Issue 4/43, April 2013.*

### **Seminars/Conferences**

**Ray, P. P.,** Sharma, A., **Rai, R.,** MDTRM: Abstraction to Model Driven Tree Reference Model of Internet of Things, In *Proceedings of National Conference on Applied Electronics (NCAE)*, AIT Kolkata, pp.61-64, 2013.

**Rai, R.,** Lepcha, C., **Ray, P. P.,** Chettri, P., GDMA: Generalized Domain Model Architecture of Internet of Things, In *Proceedings of National Conference on Applied Electronics (NCAE)*, AIT Kolkata, pp.65-68, 2013.

### **Invited Lectures Delivered**

**Ms. Rebika Rai** delivered a lecture on “Artificial Intelligence in Natural Language Processing” at the Training Programme on Natural Language Processing held from 18<sup>th</sup> to 22<sup>nd</sup> November 2013 organized by the Linguistic Data Consortium for Indian Languages, Central Institute of Indian Languages, Mysore in collaboration with Department of Nepali, Sikkim University, Sikkim.

### **Seminars/Conferences/Lectures Organized**

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	Theory and Tools for Language and Document Analysis and Research (TTL DAR)	24 <sup>th</sup> to 28 <sup>th</sup> March, 2014 at Sikkim University	Indian Statistical Institute (ISI) and Department of Computer Applications, Sikkim University.

for detection of edges in Imagery”, *International Journal of Emerging Technology and Advanced Engineering (IJETA E)*, ISSN 2250-2459, Volume 3, Issue 12, Dec 2013.

**Rebika Rai,** Ratika Pradhan, M.K.Ghose, “Ant based Swarm Computing Techniques for Edge Detection of Images – A Brief Survey” in

### **Workshops attended**

**Mrs. Chunnu Khawas**

- Attended 2 day North Eastern Regional Workshop on Natural Language Processing, organized by Department of Computer Science & Engineering, Sikkim Manipal



Institute of Technology in collaboration with Department of Computer Science, Assam University, Silchar held from 21<sup>st</sup> to 22<sup>nd</sup> February 2014.

- Attended two day Training Programme on “Artificial Intelligence in Natural Language Processing” held from 18<sup>th</sup> to 22<sup>nd</sup> November 2013 organized by the Linguistic Data Consortium for Indian Languages, Central Institute of Indian Languages, Mysore in collaboration with Department of Nepali, Sikkim University, Sikkim.

## Department of GEOLOGY

Name of the Head/Incharge:

**Dr. Rakesh Kumar Ranjan**

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### *Faculty Profile*

**Dr. Rakesh Kumar Ranjan**, Assistant Professor, joined the department on 04-07-2011. He was awarded Ph. D. degree for his thesis titled “Effect of Crop Residues Burning on the Ambient aerosols Characteristics in Rural Areas: A Case Study of Shahabad Region of Bihar” by Jawaharlal Nehru University, New Delhi in 2010. He is presently engaged in the study of Aerosols and Climate Change and his areas of specialization are environmental monitoring, climate change and remote sensing & GIS.

**Dr. Nishchal Wanjari**, Assistant Professor, joined the department on 30-04-2012. He was awarded Ph. D. degree for his thesis titled, “Geochemistry of Amgaon Gneissic Complex, Central India” by Department of Geology, Delhi University, Delhi in September, 2008. He is presently engaged in Geochemical Characteristics of Granite Complex

associated with Munger Rajgir Group of Rocks and his areas of specialization are Petrology, Geochemistry and Geochronology.

**Dr. Md. Abdullah Khan**, Assistant Professor, joined the department on 09-04-2012. He was awarded Ph. D. degree for his thesis titled “Appraisal of Geoenvironmental Parameters and their Implication in parts of Imphal Valley, Manipur State, NE Himalayan Region” from Aligarh Muslim University, Aligarh, Uttar Pradesh in 2010. He is presently engaged in Hydrochemical analysis of surface water and implications on health. His areas of specialization are Hydrochemistry and Environmental Impact Analysis.

### *Publications*

Thakur N. T., Das S., Thapa M. and **Ranjan, R. K.** (2013). “GPS Mapping and Physical Description of Polok, Borong and ReshiTatopani - Hot Springs of Sikkim, *Journal of International Academic Research for Multidisciplinary*, ISSN: 2320-5083, Volume 1, Issue 10, November 2013.

### *Refresher Course/Orientation Programme*

**Md. Abdullah Khan** attended Orientation Programme at the UGC-ASC, Manipur University, Canchipur from 01/02/14 to 28/02/14.

**Nishchal Wanjari** attended a course on Landslide Hazard Zonation and Disaster Management at the GSI Training Institute, Shillong, from 24/03/14 to 30/03/14.

### *Special Lectures Organised*

Prof. Lucie Tajcmanova, ETH Zurich, Switzerland, delivered a lecture on ‘Inverted metamorphic sequences’ on March 27, 2014.

## Major Equipment added during the year

- Planetary Ball Mill
- Advanced Petrological Microscope
- Petrological Section Preparation System
- Total Station and Theodolite
- Geo-Computation Lab with Networking and GIS



Petrological Microscope



Total Station & Theodolite



Planetary Ball Mill



Petrological Section Cutting System



Petrological Section Preparation System



Field Training Instruments

## Projects

Name	Designation	Title of project	Project period	Funding Agency
Dr. Rakesh Kr. Ranjan	Co-Investigator	“The Himalayan Cryosphere: Science and Society”.	5 years	DST
Dr. Rakesh Kr. Ranjan	Co-Investigator	“Value of Ecosystem Services Provided by the Tista River System in Upper & Lower Riparian Regions of India & Bangladesh”	1 year	IUCN



## Department of MATHEMATICS

Name of the Head: **Prof. P. K. Sharma**

### *Faculty Profile*

**Prof. P. K. Sharma** (Professor on Contract)

**Dr. D. Purohit** (Guest Faculty)

**Mr. Kshittiz Chettri** (Guest Faculty)

**Ms. Rinkila Bhutia** (Guest Faculty)

**Mr. Amarjit Tamang** (Guest Faculty)

## Department of PHYSICS

Name of the Head: **Dr. Subir Mukhopadhyay**

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### *Faculty Profile*

**Dr. Subir Mukhopadhyay**, Associate, Professor, joined the department on 29-07-2009. He was awarded Ph. D degree for his thesis “Studies of some two dimensional field theories” by Calcutta University in the year 1998. He is presently engaged in theoretical High Energy Physics and his areas of specialization are Particle Physics, Quantum Field Theory & String Theory.

**Dr. Amitabha Bhattacharyya**, Associate Professor, joined the department on 30-03-2012. He was awarded Ph. D degree for his thesis “Studies on the Phase Transitions and Molecular Conformations of Langmuir Monolayers of Liquid Crystal Molecules” by Jawaharlal Nehru University in the year 1999. He is presently engaged in Soft Condensed Matter Physics and his areas of specialization are Condensed Matter Physics and Liquid Crystals.

**Dr. Ajay Tripathi**, Assistant Professor, joined the department on 09-11-2009. He was awarded Ph. D degree for his thesis ‘Experimental Studies of Bose Einstein Condensation and Evaporative Cooling in an Optical Trap’ by Freiburg University, Germany in the year 2006. He is presently engaged in Laser Physics and his areas of specialization are Atomic, Molecular and Optical Physics, and Bose Einstein Condensation.

**Dr. Archana Tiwari**, Assistant Professor, joined the department on 09-11-2009. She was awarded DPhil degree for her thesis ‘Magnetic and optical properties of Er<sup>3+</sup>-doped endohedral fullerenes’ by the Department of Materials, University of Oxford, UK in the year 2009. She is presently engaged in Carbon Nano-materials and her areas of specialization are Bio-energy resources.

**Dr. Hemam Dinesh Singh**, Assistant Professor, joined the department on 29-07-/2009. He was awarded Ph. D degree for his thesis ‘Numerical Simulations to study nonlinear Alfvén waves in solar and magnetospheric plasmas’ by IIT Delhi in the year 2009. He is presently engaged in Computational Physics and his area of specialization is Space Plasma Physics.

### *Publications*

#### **Amitabha Bhattacharyya**

Sur, Ujjal Kumar and **Bhattacharyya, Amitabha** (2013), *Emerging Frontiers in Material Science*, LAP Lambert Academic Publishing, Saarbrücken.

#### **Archana Tiwari**

- **A Tiwari**, Saikiran V., **A. Tripathi**, A P Pathak: Effect of SHI irradiation on Mica and Coal based rocks of Lower Himalayas in Sikkim, India’ *Radiation Effects and defect in Solids*, (2013) DOI:10.1080/10420150.2013.804825.
- D Dhakal, **A Tiwari**, S Tambe, UK Sinha, ML Arrawatia, Isotope Studies to Identify



the Origin and Recharge Area of Himalayan Springs as a Climate Change Adaptation Initiative: A Case Study from Sikkim, Eastern Himalaya, *International Journal of Earth Sciences and Engineering*, 7 (1), 135 (2014).

- A Bazracharza, M Rana, B Roy, **A Tiwari**, **A Tripathi**, Optical characterization of medicinal plants' extracts used for the treatment of diabetes, *Journal of Herbs, Spices and Medicinal Plants*, 21 (1), pp 86-101 (2014)].

### *Seminars/Conferences*

#### **Amitabha Bhattacharyya**

- A Pradhan and **A Bhattacharyya**, Shampoos Then and Now: Synthetic versus Natural, 5<sup>th</sup> Asian Conference on Colloids and Interface Sciences, North Bengal University, Siliguri, November 2013.
- S Bhattacharji and **A Bhattacharyya** "Reversing Orders: Margin to Metropolis: Lepchas of India and Igbos of Nigeria", National Conference on Contextual Development: Developing Indigenous Theories and Practices, Salesian College, Siliguri, 5-6<sup>th</sup> October 2013.
- S Bhattacharji and **A Bhattacharyya**, Translation across Disciplines: The Bodanis and Gamow Unconventional Physics Narratives, XVI International Conference on "Translation, Comparatism and the Global South" Mysore, 16-18<sup>th</sup> December 2013, at Hotel Regalis, Mysore, Karnataka.

#### **Archana Tiwari**

- Tiwari, Saikiran V., A. Tripathi, A P Pathak, Raman and SEM/EDS characterization of Mica, Quartz and Coal based rocks of Lower Himalayas in Sikkim, India, 11<sup>th</sup>

International Conference on Chemistry and its Role in Development, Mansoura University, Sharm El-Sheikh, Egypt, 11-15<sup>th</sup> March 2013.

- Trisha Mondal, Ajay Tripathi and Archana Tiwari, Magnetization reversal in TM-doped ZnO nanosystems, International Conference on Structure and Physical Properties of Solids, Indian School of Mines, Dhanbad, India, 18-20<sup>th</sup> Nov. 2013.
- Trisha Mondal, Ajay Tripathi and Archana Tiwari, Magnetization reversal in TM-doped ZnO nanosystems, MagMa 2013, IIT Guwahati, Dec. 2013.
- Tiwari, Raman and SEM/EDS characterization of Mica, Quartz and Coal based rocks of Lower Himalayas in Sikkim, India, Emerging Trends in Science and Technology in Biratnagar, Nepal March 22-23, 2014.

### *Invited Lectures Delivered*

#### **Amitabha Bhattacharyya**

- "Foam Stability of Polyelectrolyte Surfactant Solutions: Relation to Surface Rheology and Microencapsulation" at Physics Department, Hyderabad University on 20<sup>th</sup> December 2013.
- "Mixed Surfactant Polyelectrolyte Systems: Surface Rheology, Foaming and Microencapsulation" at Indian School of Mines, Dhanbad, Jharkhand on 22.01.2014.

### *Refresher Course/Orientation Programme*

#### **Archana Tiwari**

64<sup>th</sup> Orientation Programme, ASC-UGC, BHU, Varanasi, 3<sup>rd</sup> to 30<sup>th</sup> July 2013.



Refresher Course in Physics, ASC-UGC, NBU, Siliguri, 11<sup>th</sup> Feb-3<sup>rd</sup> March 2014.

### **Hemam Dinesh Singh**

88<sup>th</sup> Orientation Course under UGC Academic Staff College, JNU New Delhi (13.01.2014 to 07.02.2014)

### ***MPhil Degree awarded during the period***

1. Ambika Pradhan, Study on Foam and Foam Drainage of Different Chemical and Bio-Chemical Detergents, 2013. Supervisor: Dr. Amitabha Bhattacharyya.
2. Trisha Mondal, Magnetization reversal in TM-doped ZnO nanosystems, 2013.
3. Abijit Bazracharza, Spectroscopic characterization of medicinal plants with anti-hyperglycemic properties, 2013. Supervisor: Dr. Ajay Tripathi and Dr. Archana Tiwari.
4. Satabdi Mukherjee, Numerical Study of nematicons: spatial optical solitons in nematic liquid crystals, 2013. Supervisor: Dr. Hemam Dinesh Singh.

### ***Projects***

**Archana Tiwari**, Assistant Professor, Synthesis and optical readout of potential fullerenes for QIP, 3 yrs, UGC-DAE-CSR Indore.

Dr. S Tambe (PI), Special Secretary, RMDD, GoS and **Archana Tiwari** (CPI), Assistant Professor, Isotope fingerprinting of Sikkim Springs, 3 yrs, UGC-DAE-CSR Indore.

**Archana Tiwari**, Assistant Professor, Spectroscopic characterization of Mica and Quartz based rocks of Sikkim Himalayas, 2 yrs, UGC-DAE-CSR Kolkata.

## **SCHOOL OF LANGUAGES AND LITERATURE**

### **Department of CHINESE**

Name of the Head/Incharge: **Dr. Ms. Dhriti Roy**

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### ***Faculty Profile***

**Dr. Dhriti Roy**, Assistant Professor, joined the department on 24-02-2012. She was awarded Ph. D degree for her thesis “A Critical Study of India-China Monastic Relations in the Fifth Century C.E. based on a New Annotated Translation of Fo-Guo-Ji (Fa Xian’s Itinerary)”, by the Department of Chinese Language and Culture, Cheena Bhavana, Visva-Bharati University, in the year 2013. Her areas of research are Classical Chinese, Pre-modern India-China Relations, and Chinese Buddhism.

**Ms. Amrita Jash**, Guest Faculty, joined the Department on 01-02-2014. She was awarded M.Phil degree on “Cognition and Perception of Mao Zedong in Shaping China’s Foreign Policy towards Vietnam, 1949-1976” by Jawaharlal Nehru University in 2013. Her areas of interest are Theories of International Relations, International Politics, and China’s Politics.

### ***Publications***

#### **Jash, Amrita**

- “Cognition and Perception of Mao Zedong in Shaping China’s Foreign Policy”, published as Conference Proceedings of the 6<sup>th</sup> All India Conference on China Studies, organized by Institute of Chinese



Studies and held at IIM Kozhikode on 12-14 December 2013, pp. 499-511, 2013 (ISBN: 978-81-926239-3-1).

- “Xi Jinping’s ‘Chinese Dream’ and its Implications for India”, *World Focus*, Vol. XXXV, No. 3, March 2014, pp. 7-11, U.S. Library of Congress No.: 80910345 (ISSN 2230-8458).
- “Interpreting the Great ‘Chinese Dream’” (Cover Story), *India-China Chronicle*, India China Economic and Cultural Council, Volume I, Issue 8, January 2014, pp. 22-29.

[www.iccec-council.org](http://www.iccec-council.org).

### Roy, Dhriti

- “Fifth Century Common Era... Reorienting Chinese Buddhist Monastic Tradition... Redefining Sino-Indian Buddhist Monastic Relations- A Critical Study” in the *Working Paper Series* of the India China Institute, New School, New York (2014).
- “Chinese Humanist Thought on State and Society: Is There Something to Learn from Ancient Chinese Philosophical Writings for Modern Governments?”, *The International Journal of Language and Linguistics*, Vol. 1, No. 1, ISSN 2374-8850 (print)
- “Chinese Buddhism: A Fine Example of Exquisite Indigenous Craftsmanship”, *The Visva-Bharati Quarterly*, Volume 21, Numbers 3&4, Volume 22, Numbers 1&2, October 2012-September 2013, ISSN: 0972-043X, pp. 73-82.

### Conferences/Seminars

**Moromti Baroowa** presented a paper titled “Perspectives on Guangxi Zhuang” at a seminar on China and its Internal Periphery, organized by the Institute of Peace and Conflict Studies, New Delhi on March 1, 2013.

### Jash, Amrita

- Presented a paper titled “Economic Interdependence in India-China Relations: A Misnomer” on March 7, 2013, at an international conference organised by and held at the School of Advanced International Studies (SAIS), John Hopkins University, Washington DC, United States of America.
- Presented a paper titled “Cognition and Perception of Mao Zedong in Shaping China’s Foreign Policy” under the theme “History and Foreign Policy” on December 14, 2013, at the 6<sup>th</sup> All India Conference of China Studies on “Reforms, Management & Social Transformation in China”, organised by the Institute of Chinese Studies, New Delhi and Indian Institute of Management, Kozhikode, held at IIM Kozhikode, Kerala, on 12-14 December 2013.
- Presented a paper titled “The Dynamics of Coengagement in China-India relations”, in the panel on Cooperation, Conflict and Security Issues on January 21, 2014 at the International Conference on Exploring New Rising Powers: First India-Taiwan Research Students Conference on India and China, held at Jawaharlal Nehru University, New Delhi, on 21-22 January 2014.

### Roy, Dhriti

- Presented a paper titled “Retrieving the Footsteps of the First Chinese Buddhist Nuns: Some reflections on the introduction of the *bhikṣuṣāṅgha* in China in the fifth century CE” at the three day International Seminar on Biksunisangha at Visva-Bharati, Santiniketan, 7-9 February, 2014.
- Presented a paper titled “Chinese Language Learning: Blending traditional classroom teaching with modern e-learning



technique” at a national seminar organized by the Indian Air Force, Bagdogra on 5-6 March 2014.

- Presented a paper titled “Chinese Humanist Thought on State and Society: Is there something to learn from ancient Chinese philosophical writings for modern governments?” at the 6<sup>th</sup> All India Conference on Chinese Studies, organized by the Institute of Chinese Studies, New Delhi and held at IIM, Kozhikode, Kerala, 12-14 December, 2013.
- Presented a paper titled “The Ancient Tea Horse Trade Route: Sikkim’s Past at the Crossroads of Cultural Interchange” at the National Conference on Tea Culture and Science - Special Reference to Present Scenario of Indian Tea jointly organized by the Department of Plantation Management and Studies, Sikkim University and Tea Board, India on 9<sup>th</sup> of April 2013.



## Department of ENGLISH

Name of the Head:

**Professor Basudeb Chakraborti**

(Professor on Contract)

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### *Faculty Profile*

**Professor Basudeb Chakraborti** joined the department as Professor on Contract on 01-08-2013. He was awarded Ph. D degree for his thesis “Thomas Hardy’s View of Happiness: A Study of Hardy’s Fiction” by Kalyani University in the year 1995. His areas of specialization include Dalit Writings in English, Linguistics, Translation Studies, Indian Partition Fiction in English and in English Translation and Victorian Novels in English.

**P. S. Thapa**, Associate Professor, joined the department as Guest faculty on 01-08-2013. His areas of specialization include North East Indian writings in English.

**Bikash Sharma**, Assistant Professor, joined the department as Guest Faculty on 13-02-2014.

**Shobha Sharma**, Assistant Professor, joined the department as Guest Faculty on 01-08-2013.

She is working for her PhD at Gauhati University and the topic of her research is “A Comparative Study of the Socio Cultural Degradation in the Selected Poems of Rajendra Bhandari and Jayanta Mahapatra” and her area of specialization is North East Indian writings in English.

**Champa Chettri** joined the department as Guest Faculty on 07-08-2013.

### *Seminars/Conferences/Lectures Organised*

Under “Meet the Author” programme Chetan Shrestha, author of *The King’s Harvest*, was invited on March 24, 2014 for interaction with faculty members and students of the department.

Department of  
HINDI

Name of the Head: **Mr. Dinesh Shahu**  
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### *Faculty Profile*

**Dr. Bikram Thapa** joined the department on 1-08-2013. He was awarded Ph. D degree for his thesis titled “Bisnudas aur Goswami Tulsidas ki Vichardharawon ka Tulnatmak Adhyayan” by North-Eastern Hill University, Shillong in the 2010. His areas of specialization are Adhunik Upanyas Sahitya and Hindi Sahitya ka bhaktikal.

**Mr. Shatilesh Shukla** joined the department as adjunct faculty in February 2014. He did his MA in Hindi from IGNOU & MA in Mass Communication from Kurukshetra University. Currently he is pursuing Ph. D entitled “Emerging Trends in Hindi Literature in New Media: A Critical Study” from Maharishi Dayanand University.

**Mr. Dinesh Shahu** joined the department on 23.4.2014. He was awarded M.Phil degree in 2012 by North-Eastern Hill University, Shillong for his thesis “Samakalin Hindi Aur Asamiya Kahaniyon Mein Samajik Yatharth”. He is currently pursuing Ph. D from North-Eastern Hill University and his thesis is titled “Hindi Ke Chhayavad Aur Asamiya ke Ramanyasvad Ka Tulnatmak Adhyayan”. His areas of interest are Translation, Comparative Literature and Contemporary Fiction.

### *Publications*

**Shahu, Dinesh** “Bhumandalikaran aur Bharatiya lok sanskriti”, *Samanyaya Poorvottar*, 19<sup>th</sup> Edition, ISSN No – 2231-6132, pp. 12-16. April – June 2013.

Department of  
NEPALI

Name of the Head: **Dr. Kabita Lama**  
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### *Faculty Profile*

**Pratap Chandra Pradhan**, Professor, joined the Department on 24-06-2012. He was awarded Ph. D for his thesis “Aadhunik Nepali Upanyasko Pravartan ma Bhramar Upanyasko Yogdan” by Tribhuvan University in the year 2006. His areas of Specialization are Western Literary Criticism, Modern Fiction and Monograph.

**Dr. Kabita Lama**, Associate Professor, joined the Department on 04-04-2012. She was awarded Ph. D degree for her thesis “Bhanubhakta Acharyaka kavyakritiko Bhashik Adhyayan” by Banaras Hindu University in the year 1998. Her areas of specialization are Criticism and Children’s Literature.

**Mr. Balaram Pandey**, Assistant Professor, joined the department on 01-05-2012. He was awarded M.Phil degree for his thesis “Haimandas Rai ‘Kiratka Kathaharuko Vishleshanatmak Adhyayan” by the University of North Bengal in the year 2002. Presently he is pursuing his Ph. D thesis titled “Sikkimka Lepchaharuko Bhasik Byavahar: Ek Samajbhasik Adhayayan” (Language Behaviour of the Lepchas of Sikkim: A Sociolinguistic Study)” at the Department of Nepali, University of North Bengal. His areas of specializations are Sociolinguistics, Drama and Folkloristics.

**Dr. Samar Sinha**, Assistant Professor, joined the Department on 29-03-2012. He was awarded Ph. D degree for his thesis “A Grammar of Indian Sign Language” by Jawaharlal Nehru University, New Delhi in 2013. His area of specialization is Linguistics.



**Mr. Dewchandra Subba**, Assistant Professor, joined the Department on 05-04-2012. He is pursuing research for his PhD titled “Nepali Ritu kavyaharuko Pariveshparik Adhyayan” (Ecocritical studies on Nepali Ritikavya)”. His areas of specialization are Criticism and Literary Theory.

## Publications

**Pradhan, Pratap.** “Usha ra Vachan Upanyas ma Patra Nirman ra Prastutika Mul Srot ra Pranali,” *Kashi Bahadur Shrestha: Vyaktitva ra Krititva* (2013), New Delhi: Sahitya Akademi – ISBN 978-81-260-267-8.

### Lama, Kabita

- *Bharatiya Nepali Balsahityama Nari Srasta*. Darjeeling: Gamma Prakashan, 2014, ISBN 9789383405060.
- “Samaika Vimbhaharuma Samaika Pratidhwani”, *Kanka*, ISSN -2091-007X, Vol-21, (2013), 46-49.
- “Nepali Sahityako Aitihashik Yatrama Mahananda Poudyal”, *Bikash Karki*, Ed. Pardeshi, Saluva, West Medinipore: Agamsingh Giri Sansthan, 2013, 135-145.

### Pandey, Balaram

- “Kiratka Kathaharuko Shilpa.” Pradeep Gurung (ed.) *Haimandas Rai 'Kirat' Abhinandan Grantha*. Darjeeling: Shyam Brothers Prakashan, 2014. 69-75.
- “Nepali Lokvarta: Adhyayanka Kehi Paksha” *Nepali Akademi Journal*, University of North Bengal, 9(9), (2013) 99-107.

### Subba, Dewchandra

- “Uttaradhunikatama Parivesh bimarsa”, *Kanka*, ISSN -2091-007X, Vol 21, (2013), 22-24.
- “Parivesh bimarsa ek Pathan”, *Charitra*, ISSN- 231, 9-3727, (2014), 207-222.

- “Kavita ra Bichar”, *Samakalin Sahitya*, 2013, web. 2 August 2013.
- “Mahananda Poudyalko Samlochakiya Drishtikon”, *Bikash Karki* Ed. Pardeshi, Saluva, West Medinipore: Agamsingh Giri Sansthan, 2013, 227-236.

## Seminar/Conferences

### Pratap Chandra Pradhan

- Presented a paper on Emergent Trends in Nepali Fiction, (2013) at Su-Dha-Pa Hall, Sahitya Sammelan Bhawan organized by Sahitya Akademi, New Delhi on 16<sup>th</sup> Feb 2013.
- Presented a paper on “Contemporary Nepali Literature”, at Firozshah Mehta Bhawan, Mumbai University on 16.01.2014.

### Balaram Pandey

- Presented a paper on “Lepcha Folklore and Reconstruction of Community Identity” at the International Seminar on *Himalayan Culture*, jointly organized by Himalayan Heritage Research & Development Society, Sikkim, Sikkim University, Gangtok, Indian Council for Cultural Relations, New Delhi and Ministry of Culture, Government of India, on 6-10 August 2013, Gangtok.
- Presented a paper on “Uttar Upaniweshik Nepali Kavita Pratikambit Aadimta ani Deshiyeta” at the National Seminar on *Post Colonial Writing in Nepali*, jointly organized by Sahitya Akademi, New Delhi and the Department of Nepali, Sikkim University, on 9-10 November, 2013, Gangtok.

### Samar Sinha

- Presented a paper on “Doubling in Indian Sign Language” at the 7<sup>th</sup> Linguistics Summer School in the Indian Mountains (LISSIM) at Kangra, Himachal Pradesh from May 26 to June 14, 2013.



- Presented papers on “Language Technology: an introduction,” “POS: an introduction” and “Nepali Varnamala” in a Five day Introductory Programme on Natural Language Processing, jointly organised by the Department of Nepali, Sikkim University, in collaboration with the Linguistic Data Consortium for Indian Languages (LDC-IL), and the Central Institute of Indian Languages, Mysore, Karnataka, held on 18–22 November 2013.

### *Invited Lectures Delivered*

#### **Kabita Lama**

- Delivered a lecture on “Sikkimiko Nepali Sahitik Itihas: Parampara, Swarup Ra Pravriti” at the Press Club, Sikkim Bhavan on 21/09/2013.
- Delivered a lecture on Nepali Morphology at the North-East Regional Workshop on Natural Language Processing, jointly organized by Computer Science Dept., SMIT and Assam University, Silchar, Assam on 22<sup>nd</sup> February 2014.

**Balaram Pandey** delivered a lecture on “People’s Linguistic Survey of India, Sikkim, Experiences

and Findings”, at *Bhasha Prabha – National Consultation on Language, Arts and Culture*, jointly organized by Lalit Kala Akademi, New Delhi, Sahitya Akademi, New Delhi, Indira Gandhi National Open University, Orient Blackswan and Bhasha Research and Publication Centre, Sahitya Akademi Auditorium, New Delhi, on 5<sup>th</sup> September, 2013.

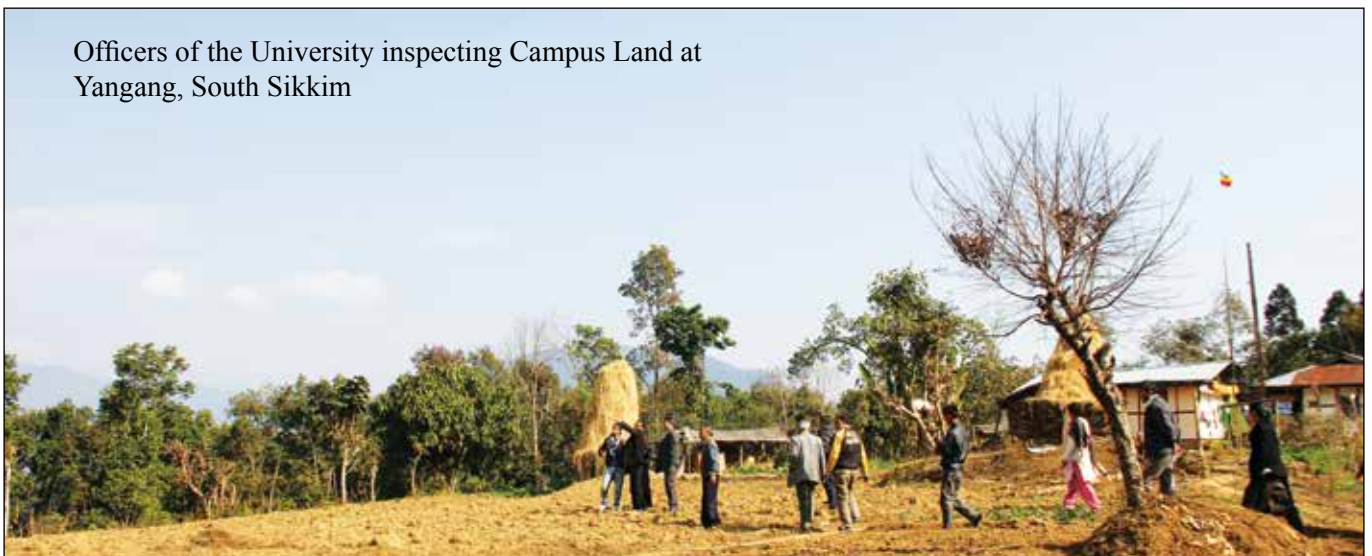
**Dewchandra Subba** delivered a lecture on “Poet Manprasad Subba and his poetry anthology *Bhuiputta Sabdaharu*” at Siliguri Nepali Sahitya Sangsthan on 24/11/2013.

**Samar Sinha** delivered a lecture on “Origins of Language” and “Part-of-Speech Tagging” at the North-East Regional Workshop on Natural Language Processing jointly organised by the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim in collaboration with the Department of Computer Science, Assam University, Silchar, Assam, on 21-22 February 2014.

### *Refresher Course*

**Balaram Pandey** attended the 2<sup>nd</sup> *Refresher Course in Nepali* in UGC, ASC, University of North Bengal from December 20, 2013 to January 09, 2014.

Officers of the University inspecting Campus Land at Yangang, South Sikkim





## *Seminars/Conference/Lectures organised by the department*

Sl. No	Theme	Date/Venue	Name of the organizers/Conveners
1.	A workshop on “Natural Language Processing”	18 <sup>th</sup> -22 <sup>nd</sup> November 2013 at Dept. of Nepali, Sikkim University.	Organizers-LDCIL, CIIL, Mysore, and Dept. of Nepali, SU. Convener- Dr. Samar Sinha, Asst. Prof, Dept. of Nepali, SU
2.	Seminar on “Postcolonial Writing In Nepali”	9 <sup>th</sup> and 10 <sup>th</sup> November 2013 at Barad Sadan, 5 <sup>th</sup> Mile, Tadong, Sikkim University	Organizers- Sahitya Akademy, New Delhi in collaboration with Dept. of Nepali, Sikkim University. Conveners- Dr. Kabita Lama, Associate Prof, Dept. of Nepali, SU
3.	Five day Introductory Programme on Natural Language Processing	18-22 November 2013, Dept. of Nepali, Sikkim University	Linguistic Data Consortium for Indian Languages (LDC-IL), Central Institute of Indian Languages, Mysore, Karnataka and the Dept. of Nepali, Sikkim University.

## SCHOOL OF HUMAN SCIENCES

### Department of ANTHROPOLOGY

Name of the Head/Incharge:

**Mr. Jelle J. P. Wouters**

Mobile number: 91- 9609888787

Email id: anthropology@cus.ac.in

### *Faculty Profile*

**Mr. Jelle J. P. Wouters** joined the department as Guest Faculty in July 2013. He is pursuing his PhD at North-Eastern Hill University, Shillong. He is presently engaged in research on hill communities of Nagaland where he focuses on political cultures and state and non-state approaches to land and development. His area of specialization is Cultural Anthropology.

**Dr. Maibam Samson Singh** joined the department as guest faculty on 01-08- 2013. He was awarded PhD degree for his thesis titled “Obesity and self-

reported Morbidity in Relation to Lifestyle and Diet among the Meitei of Manipur” by North-Eastern Hill University in the year 2014. His area of specialization is Physical Anthropology.

### *Publications*

- Wouters, Jelle J. P. 2014. “Performing Democracy in Nagaland: Past Politics and Present Politics”, *Economic and Political Weekly*, XLIX (16): 59-66.
- Wouters, Jelle J.P. and Tanka B. Subba. 2013 “The Indian Face, India’s Northeast, and the “idea of India”, *Asian Anthropology*, 12(2): 126-140.
- Tanka B. Subba and Jelle J. P. Wouters. 2013 “North-East India: Ethnography and the Politics of Identity”, in Berger, P. and F. Heidemann (eds.) *The Modern Anthropology of India: Ethnography, Themes and Theory*. London: Routledge.
- Jelle J.P. Wouters. 2013. “Book Review: Reform, Identities and Narratives of Belonging: The Heraka Movement in Northeast India by Arkotong Longkumer”, *The NEHU Journal*, XI (1): 69-73.



- Singh MS, Dkhar JW 2013. Growing obese in Manipur: relationship between age and obesity among the Meitei males of Manipur. *Anthropologist*, 16 (3):753-756.
- Singh MS, Longkumer T 2013. Prevalence of Overweight and Obesity among Meitei and Ao Naga Adolescent. *Anthropologist*, 16 (3):757-760.



### **Seminars/Conferences/Lectures Organized**

Sl.	Theme	Date and Venue	Name/s of the Organizer/Conveners
1	“Development Anthropology”- Shrochis Karki	1 <sup>st</sup> and 2 <sup>nd</sup> September 2014, Department of Anthropology	Department of Anthropology
2	Women on the Edge: “Angie”, A Tibetan’s Case Study-Fabienne Le Houerou	21 <sup>st</sup> October 2013, Seminar Hall, Barad Sadan	Department of Anthropology
3	“Northeast India Beyond Borders: Mizos in Exile” by Prof. Willem van Schendel	12 <sup>th</sup> November 2013, Seminar Hall, Barad Sadan	Department of Anthropology
4	“Migration and Belonging: Northeasterners in South India”- Dr. B.G. Karlsson	5 <sup>th</sup> March 2014, Department of Anthropology	Department of Anthropology
5	“Political Ecology”- Mabel Gergan	12 <sup>th</sup> March 2014, Department of Anthropology	Department of Anthropology

### **Equipment added during the year**

- Weighing machine
- Anthropometer
- Sliding Caliper
- Spreading Caliper
- Skinfold Caliper
- Osteometric board
- Blood Pressure monitor
- Thermometer
- Disarticulated Skeleton
- 



Department of  
**GEOGRAPHY**

Name of the Head: **Dr. Sohel Firdos**  
Office Phone Number: 03592-251137  
Mobile number: 91-9609223269  
Email id: sfirdos@cus.ac.in

### *Faculty Profile*

**Dr. Sohel Firdos**, Associate Professor, joined the department on 26-07-2010. He was awarded Ph. D degree for his thesis 'Environmental Resources and the Tribal Economy: Case studies of Ho, Santal and Birhor' by Jawaharlal Nehru University in the year 2001. His present research focuses on two clusters: the first cluster of works tries to understand the agencies, processes and outcomes of socio-spatial exclusion in the context of urban development in India while the second cluster of research is concerned with the interconnections between natural resources and livelihoods. His areas of specialization are socio-spatial exclusion, interactions between resources and economy and urban governance.

**Dr. Abdul Hannan**, Assistant Professor, joined the department on 18-06-2013. He was awarded Ph. D degree for his thesis titled "Employment Conditions in the Small Tea Plantations (STPs) and their impact on the Household Economy: A case study of Islampur subdivision of North Bengal" by Jawaharlal Nehru University in the year 2007. He is presently engaged in research on Plantation Economy and Regional Development and his areas of specialization are Economic Geography, Agricultural Geography and Geography of Development.

**Dr. E. Ishwarjit Singh**, Assistant Professor, joined the department on 01-03-2012. He was awarded Ph. D degree for his thesis "Development Tourism

in Manipur" by Aligarh Muslim University in the year 2003. He is presently engaged in research in his area of specialization which is Processes in Geomorphology and Tourism.

**Dr. Rafiul Ahmed**, Assistant Professor, joined the department on 26-06-2010. He was awarded Ph. D degree for his thesis "Contesting Geo-Bodies and Rise of Sub-nationalism in North-east India: A Case Study of Nagas and Khasis" by Jawaharlal Nehru University, New Delhi in the year 2010. He is presently engaged in research in the field of human geography focusing on North-east India and his areas of specialization are Political Economy of Underdevelopment in North-east India, Geographies of Empire in Eastern Himalayas, and Cartographies of Violence in Assam.

**Dr. Uttam Lal**, Assistant Professor, joined the department on 26-06-2010. He was awarded Ph. D Degree for his thesis "Environmental Constraints and Development Processes in a Mountain Ecosystem of Western Himalaya: A case study of Kinnaur" by Jawaharlal Nehru University, New Delhi in the year 2010. His current research is on Himalayan Cryospheric issues as well as cross-border interactions. Dr. Lal's areas of academic interests lie in the Himalayan ecology, highland communities and pasture dynamics.

**Dr. Vimal Khawas**, Assistant Professor, joined the department on 29-05-2013. He was awarded PhD Degree for his thesis 'Environmental Issues and Human Security in the Himalayas: A comparative study of Eastern Nepal and Sikkim' by Jawaharlal Nehru University in 2009. He is presently engaged in research on environmental and development issues of the Eastern Himalayan Region. His areas of specialization are Contemporary Environmental Issues, Regional Planning and Development Issues of the Eastern Himalaya.

## Publications

### Hannan, A.

- “Organisational Innovations and Small Tea Growers (STGs) in India”. Discussion Paper No. 25, National Research Programme on Plantation Development (NRPPD), sponsored by Department of Commerce, Ministry of Commerce and Industry, Government of India based at Centre for Development Studies, Thiruvananthapuram, 2013, pp. 1-52.
- “Critical Review of Tea Producing Societies within Tea Industry”, in *Poverty, Human Rights and the small tea growers in North East* (Ed. By J. John), Centre for Education and Communication, New Delhi, 2013, pp. 59-67.
- “Unorganised Sector of Tea Industry and the question of viability of Small Tea Growers (STGs) in India with special reference to North Bengal”, *Journal of the Regional Economic Studies*, Department of Economics, University of North Bengal, Vol IV, 2012-2013.

**Ahmed, Rafiul.** “Anxiety, Violence and the Postcolonial State: Understanding the Anti-Bangladeshi Rage in Assam”, *Perceptions: Journal of International Affairs*, Vol 29, No.1, pp.55-70, 2014.

**Khawas, Vimal** and Deepa Joshi. “Water for Power: Debating New Trends of Water Development in the Sikkim Himalayas”. *Sociology of Displacement: Policies and Practice*. Eds. Somayaji, Sakarama and Susmita Dasgupta. Jaipur: Rawat, 2013. 143-164. Print (ISBN: 9788131605974).

## Seminars/Conferences

### Dr. Sohail Firdos

- Presented a paper titled “Social and

Spatial Exclusions in Urbanising India” at CSRD-CAS Colloquium on Rethinking Geography Teaching and Research in India held on 29-30 March, 2014, organised by the Centre for the Study of Regional Development, JNU, New Delhi.

- Presented a paper titled “Managing Livelihood Change and Urban Vulnerability: the role of women in Eastern Himalayas” at the International Conference on The Eastern Himalaya: Gender, Poverty and Livelihoods organized by the Centre for North East Studies and Policy Research, Jamia Millia Islamia on 11-13 February 2014.
- Presented a paper titled “Climate Induced Migration and Urban Vulnerability in Eastern Himalayas” at the Hamburg Conference: Actions for Climate Induced Migration, organized by Climate Service Centre (CSC), 16-18 July, 2013, Hamburg University, Germany.

### Dr. Abdul Hannan

- Attended as Resource Person the Workshop on Emerging Issues in India’s Plantation Sector held on 31<sup>st</sup> March and 1<sup>st</sup> April 2014 at Trivandrum, Kerala organized by National Research Programme on Plantation Development (NRPPD), Centre for Development Studies sponsored by Ministry of Commerce, Govt. of India.

### Dr. Uttam Lal

- Presented a paper titled “Foot-trails to Tibet: Connecting communities in time and space-A case study of Sikkim” at a National Seminar on Tibet’s Relations with the Himalayas – II, organised by The Foundation for Non-violent Alternatives (FNVA), New Delhi in collaboration with Department of International Relations / Politics, Sikkim University, at Gangtok, 13-14 April 2013.
- Presented a paper titled “Cross border



interactions to trapped Identity: A case study of Yak herders of Sikkim” at the conference on Negotiating Ethnicity: politics and display of cultural identities in North-East India, organized by Austrian Academy of Sciences, Vienna on 4-6 July 2013.

- Presented a paper titled “Foot-trails to Tibet: Connecting communities in time and space-A case study of Sikkim-II” at the conference on Tibet’s Relations with the Himalayas –III, Itanagar, Arunachal Pradesh. 11-12 October 2013.
- Presented a paper titled “Suturing Fragmented Geographies through Fragmented Land Route” at the 3<sup>rd</sup> India-China Dialogue organized by New School, New York and ICS, New Delhi at Calcutta University, 7-8 December 2013.
- Presented a paper titled “Livelihood Challenges and Climate Variability in the Western Himalaya” at the 2<sup>nd</sup> International Seminar on Climate Change and Mountain Areas: Awareness, Adaptation and Sustainability” organized by FOSEP & Fredrich Ebert Stiftung Foundation, Germany at Kalimpong. 1-2 December 2013.

**Dr. Vimal Khawas** presented a paper on ‘Traditional knowledge in the Himalayan River Basins: A case of Disaster Risk Reduction in Darjeeling – Sikkim Himalaya’ at the International Conference on Pathways for Climate Resilient Livelihoods in Himalayan River Basins,

organised by IRMA-India in association with IIASA-Australia, RSPN-Pakistan and YPSA-Bangladesh, New Delhi, 1-2 August 2013.

### *Invited Lectures Delivered*

**Dr. Sohel Firdos** was invited by Malda College, West Bengal to deliver a talk on “Social and Spatial Exclusions in India” on 20<sup>th</sup> December 2013.

#### **Dr. Abdul Hannan**

- Spoke on “Employment, Livelihood and Tea Plantations in India with special reference to Sikkim and North Bengal as Invitee Speaker at the National Conference on Tea Culture and Science – Special Reference to Present Scenario of Indian Tea, held on 9<sup>th</sup> April, 2013 at Gangtok organized by Department of Horticulture, Sikkim University.
- Spoke on “Employment, Livelihood & Small Tea Growers in India” at the International Small Tea Growers Conference held on 22-23 February 2014 at Jalpaiguri, West Bengal organized by Confederation of Indian Small Tea Growers’ Associations (CISTA).

**Dr. Rafiul Ahmad** presented a paper titled “Cartographic Anxiety and the Fictions of Border, Census and Citizenship: Understanding the Post-Colonial State in Assam” at the international conference on *Transcultural Asia: Unlearning Colonial/Imperial Power Relations*, June 27-28, Ankara, Centre for Strategic Research (SAM), Ministry of Home Affairs, Turkey.



Proposed site for Sky Walk (11 thousand feet approx.), Bhaleydhunga, Yangang, South Sikkim

## *Seminars/Conferences/Lectures Organised*

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1	Cultural Ecology of Teesta	25-26 March, 2014, New Acad. Building, Sikkim University	Dr. Sohel Firdos and Dr. Vibha Arora, organised by Indian Institute of Advanced Study, Shimla and Sikkim University
2	National Seminar on Process of Inclusion and Development of Minorities in North-East India, supported by Ministry of Minority Affairs, Government of India and ICSSR, New Delhi.	March 22-23, 2014	Dr. Abdul Hannan and Ms. Sangmu Thendup

## *Refresher Course/Orientation Programme*

### **Dr. Abdul Hannan**

- Attended the 15<sup>th</sup> Orientation Programme at UGC-ASC, North Bengal University from July 18 to August 14, 2013.
- Attended the two weeks Orientation Programme on “Quantitative Research Methods in Education” from December 16 to 27, 2013 at NUEPA, New Delhi.

**Dr. Vimal Khawas** attended the 14<sup>th</sup> Orientation Programme at UGC Academic Staff College, North Bengal University from April 25 to May 22, 2014.

**Dr. E. Ishwarjit Singh** completed the 48<sup>th</sup> Orientation Course at Bangalore University, November, 2013.

## *Major Equipment added during the year*

Licenses of ArcGIS software were procured.

## *Projects*

Name of PI:

### **Dr. Sohel Firdos:**

Title of the Project: ‘Land and Gender related issues in Sikkim’

Project period: January to June, 2014.

Source of Funding:

Lal Bahadur Shastri National Academy of Administration, Mussorie.

Name of the PI:

### **Manesh Choubey, Abdul Hannan and Vimal Khawas** (Co – Investigators)

Title of the Project: Valuation of Ecosystem Services provided by the Tista River System in Upper and Lower Riparian regions of India and Bangladesh

Project Period: July 7, 2013 – March 15, 2014

Source of Funding: International Union for Conservation of Nature (IUCN)

Name of the PI:

### **Dr. Uttam Lal, Dr. Sohel Firdos** (Co.PI)

Title of the Project: The Himalayan Cryosphere:



Science and Society

Project Period: April 2013 – April, 2018

Source of Funding: Department of Science and Technology (DST)

Name of the PI:

**Dr. Vimal Khawas**

Title of the Project: Application of Traditional Knowledge for Disaster Risk Reduction in the Himalayas: A case of Darjeeling and Sikkim Himalayas

Project Period: April 1, 2013 – March 31, 2016

Source of Funding: University Grants Commission (UGC)

Name of the PI:

**Deepa Joshi and Vimal Khawas (Co PI)**

Title of the Project: Hydropower development in the context of climate change: Exploring conflicts and fostering cooperation across scales and boundaries in the Eastern Himalayas

Project Period: January 2014 – December 2017

Source of Funding: Netherlands Organisation for Scientific Research (NWO) and WOTRO Science for Global Development

### ***Collaborations/MoUs signed involving the department during the period***

**Dr. Uttam Lal** was Nodal Officer for MoU on Inter-University Consortium for study on Cryosphere & Climate Change. The consortium is formed by four Indian universities namely, JNU, Jammu University, Kashmir University, and Sikkim University. The consortium is financially supported by the Department of Science and Technology, Govt. of India.

## **Department of PSYCHOLOGY**

Name of the Head/Incharge:

**Dr. Satyananda Panda**

Office Phone Number: 03592-251774

Mobile number: 91-9547909620

Email id: psychology@cus.ac.in

### ***Faculty Profile***

**Dr. Nutankumar S. Thingujam**, Associate Professor, joined the department in March 2012. He was awarded Ph. D degree for his thesis “Death Anxiety” by the University of Pune in the year 2003. His current research focuses on emotion expression through human voice and its recognition (both prosodic and non-linguistic) and his areas of specialization are social psychology and organizational psychology.

**Dr. Satyananda Panda**, Assistant Professor, joined the department in July 2009. He was awarded Ph. D degree for his thesis titled “A study of diagnostic utility of single vs. joint occurrence of word association emotional indicators” by Panjab University, Chandigarh in 2009. His current research focuses on suicide, substance use, stress and anxieties and his areas of specialization are experimental, clinical and health psychology.

### ***Publications***

**Dr. Nutankumar S. Thingujam**

- Thingujam, N. S. (2014). Future research direction on decoding animal well-being: The case of the horse. *Frontiers in Psychology*, 5,173. doi: 10.3389/fpsyg.2014.00173. Publisher: Frontiers, Lausanne, Switzerland. ISSN: 1664-1078. SJR = 1,110
- Laukka, P., Elfenbein, H., Söder, N., Nordström, H., Althoff, J., Chui, W.,



Iraki, F., Rockstuhl, T., & Thingujam, N. S. (2013). Cross-cultural decoding of positive and negative nonlinguistic emotion vocalizations. *Frontiers in Psychology*, 4, 353. doi:10.3389/fpsyg.2013.00353. Publisher: Frontiers, Lausanne, Switzerland. ISSN: 1664-1078, SJR = 1,110.

- Laukka, P., Eerola, T., Thingujam, N. S., Yamasaki, T., & Beller, G. (2013). Universal and culture-specific factors in the recognition and performance of musical affect expressions. *Emotion*, 13, 434-449. Publisher: American Psychological Association, Washington. Impact factor: 3.875, ISSN: 1528-3542.

### *Seminars/Conferences/workshops*

#### **Dr. Satyananda Panda**

- Presented a paper entitled “Antecedents of Occupational Stress” at the Golden Jubilee National Seminar on Health Psychology: Indian Perspective organized by the School of Studies in Psychology, Pt. Ravishankar Shukla University, Raipur (C.G.) on 2<sup>nd</sup> February 2014 (Sunday).
- Presented a paper entitled “Challenges of Rural Health and Education” at the National Seminar on Social Challenges in 21<sup>st</sup> Century organized by School of Studies in Sociology, Pt. Ravishankar Shukla University, Raipur (C.G.) on 10-12 February 2014.
- Attended the Skills Building Workshop on 14-15 May 2013 at Gangtok on Grant Writing conducted by the Indo-US Training Programme on “Chronic Non-communicable Diseases” by the Fogarty International Center, National Institute of Health, USA.

### *Refresher Course/Orientation Programme*

**Dr. Satyananda Panda** attended the UGC sponsored Orientation Programme and Refresher Course in 2014.

### *Major Equipment added during the year*

Eye Tracking Technology successfully installed in the department laboratory.

- Tobii Eye Tracker TX 300
- Tobii Eye Tracker X2-30
- Tobii Studio Enterprise



Students conducting practical in Psychology Lab.



Students presenting paper on PPT



# SCHOOL OF PROFESSIONAL STUDIES

## Department of EDUCATION

Name of the Head:

**Prof. Narendra Mohan Pany**

Office Phone Number: +91-3592-251543

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### *Faculty Profile*

Prof. N.M. Pany (Professor on Contract, from July 2013 to December 2013)

Mr. Devi Kala Lama (Guest faculty, from July 2013 to December 2013)

Ms Abriti Sharma (Guest faculty, from July 2013 to December 2013)

Dr. Mona Shree Pradhan (Guest faculty, from Feb 2014 to June 2014)

Ms. Prasansha Subba (Guest faculty, from Feb 2014 to June 2014)

## Department of COMMERCE

Name of the Head: **Dr. A. N. Shankar**

Mobile number: 9434510004/8293829270

Email id: anshankar@cus.ac.in

### *Faculty Profile*

**Dr. A.N. Shankar**, Associate Professor, joined the department on 09/03/2012. He was awarded Ph. D degree for his thesis “Social Responsibility Reporting in Indian Corporate Sector: An Empirical Study” by North-Eastern Hill University in the year 2009. He is presently engaged in Department of Commerce and his areas of specialization are

Accounting, Finance, and E-Commerce.

**Mr. Bivek Tamang**, Assistant Professor, joined the department on 30-04-2012. He is presently engaged in research on International Trade and Institution and his areas of specialization are Accounting and Finance.

**Mr. Khiraj Chettri** joined the department as Guest Faculty in September 2013. He is presently a Research Scholar in the department engaged in research in the field of Finance and Accounting.

**Mr. Promesh Chettri** joined the department as Guest Faculty in September 2013. He is presently engaged as Research Scholar in Department of Commerce.

## Department of MANAGEMENT

Name of the Head/Incharge:

**Dr. Shailendra Kumar Singh**

Office Phone Number: 03592-251968

Mobile number: 91-918116355194

Email id: skumar@cus.ac.in

### *Faculty Profile*

**Dr. Shailendra Kumar Singh**, Assistant Professor, joined the department on 09-03-2012. He was awarded Ph. D degree for his thesis titled “Management of Broking Houses in India: A Case study of India Bulls” by the VVS Purvanchal State University in the year 2011. He is presently engaged in research in the areas of Rural Marketing, Finance and Integrated Marketing Communication and his areas of specialization are Financial Management, Marketing and Investment Management.

**Dr. Pradip Kumar Das**, Assistant Professor, joined the department on 23-3-2012. He was awarded Ph. D degree for his thesis “Role of Management Training and Development in



Enhancing Managerial Effectiveness: A study on National Bank for Agriculture and Development” by the University of Burdwan in the year 2010. He is presently engaged in research in the areas of Training & Development, Human Resource Management and Industrial Relations and his areas of specialization are Organizational Behaviour, Human Resource Management, Economics and Industrial Relations.

## Publications

### Pradip Kumar Das

- *Role of Management Training and Development in Enhancing Managerial effectiveness.* Astral International Pvt Ltd., 2014. ISBNP: 978-93-5130-199-8. New Delhi.
- “Problems and Prospects of Tourism Industry in Sikkim”. *The Journal of Social Science Research*, 5(3) (2014): 32-43. ISSN 2319-6181.
- “Impact of Cell Phone Usage on Academic Environment: A Study on Students of Sikkim University”. *Journal of International Academic Research for Multidisciplinary*, 1(12) (2014):107-113. ISSN 2320 -5083.
- “Attributes of Success and Failure: A Student Perspective”. *Indian Journal of Applied Research*, 3(5) (2013): 397-399. ISSN2249-555X.

### Shailendra Kumar

- “Impact of Economic Slowdown upon the Western and Indian Work Culture”, *Aatmbodh*, 8(2) (2013): 29-31. ISSN. 0972-1398.
- “Paradigm Shift in the Consumer Behaviour of Rural India: A Case Study”. *Himalayan Journal of Social Sciences*,

3(1) (2013): 32-38. ISSN 2231-6639.

- “Challenges of Malaria in North-East India: A Case Study of East Sikkim”. *Himalayan Journal of Social Sciences*, 3(1)(2013): 32-38. ISSN 2231-6639.

## Seminars/Conferences

### Pradip Kumar Das

“Critical Challenges in Capacity Building and Community Empowerment in Eastern Himalayas”. National Conference on New Frontiers in Medicinal Plants Research and Special Meeting on Medicinal Plants organized by Department of Botany and State Medicinal Plant Board of Sikkim, 3-5 October 2013.

“The Management of Migration”. International Interdisciplinary Conference on Human Resource Mobility in South Asia organized by Department of Geography, Sikkim Government College, 2013. 19<sup>th</sup> October 2013.

“Economic Impact of Sikkim University on Shop Owners of 5<sup>th</sup> mile and 6<sup>th</sup> mile area of Sikkim” International Conference JSIMRAIC-13 on Management Systems organized by JSIMR, 2013 on 18<sup>th</sup> October 2013.

### Shailendra Kumar

- “Impact of Economic Slowdown upon the Western and Indian Work Culture”. National Seminar on Work Culture in India, held at Udai Pratap Autonomous College, Varanasi, 5 April, 2013.
- “Small Tea Growers of Assam: Problems and Prospects”. National Seminar on Tea Culture and Science – Special Reference to Present Scenario of Indian Tea organized by Tea Board of India and Sikkim University, Gangtok, April 9, 2013.
- “Higher Education in India: Quality Issues



and Need to Evolve Pedagogy”. NAAC sponsored National Seminar organized by Harkamaya College of Education and Sikkim University, Gangtok, April 29-30, 2013.

- “Investor Awareness in North-East India”. National level workshop on Investor Awareness in Northeast India, organized by Department of Management, Sikkim University, Nov. 22, 2013.
- “Climate Change and Gender”. International Conference on Climate Change, Jamia Millia Islamia, March 6-7, 2013.

### *Special Lectures in the Department*

Mr. Pratyush Sen Gupta from Bombay Stock Exchange delivered a lecture on Portfolio Management for the students of MBA and BBA on November 23, 2013.

### Department of MASS COMMUNICATION

Name of the Head/Incharge: **Mr. Manoj Das**  
Office Phone Number: 03592-251702  
Mobile number: 91-9593386698  
Email id: mkdas@cus.ac.in

### *Seminars/Conferences/Lectures Organised*

Sl No	Theme	Date and Venue	Name/s of the Organiser/Conveners
1.	Investor Awareness in North East India	November 22-23, 2013, Barad Sadan	Dr. Shailendra Kumar

### *Refresher Course/Orientation Programme*

**Dr. Shailendra Kumar** attended the Refresher Course in Mass Communication from Jamia Millia Islamia, New Delhi, Jan-Feb, 2014.

### *Equipment added during the year*

1. Smart board equipment
2. Four speakers of high quality
3. Two Gooseneck mike
4. One collar mike
5. One document camera
6. CPU for classroom
7. One wall mount ceiling projector

### *Faculty Profile*

**Mr. Manoj Das**, Assistant Professor, joined the department on 25-06-2010. He was awarded MPhil degree in Mass Communication by Assam University, Silchar and is pursuing his PhD at the Centre for Culture, Media and Governance, Jamia Millia Islamia, New Delhi. His areas of interest are media anthropology, television studies, development support communication and media policy. He is presently engaged in a study on anthropological reading of televised religion and his areas of specialization are Media Anthropology and Television Studies.

**Ms. Jasmine Yimchunger**, Assistant Professor, joined the department on 26-03-2012. She was awarded a Master’s degree in Communication by the University of Hyderabad, Hyderabad. She is currently pursuing her Ph. D from the same



university on ‘Television and Youth Culture in Nagaland’ and her areas of specialization are Television Studies, Communication and Culture and Audience/ Reception Studies.

### *Seminars/Conferences*

- Mahendra P. Gurung, MPhil Scholar, presented a paper titled ‘Issues of Affirmative action in Sikkim: Dynamics, discourse and complications’ at the national seminar on Process of Inclusion and Development of Minorities in North East India organized by Sikkim University on 22.3.2014.
- Deep Moni Gogoi and Ugen Bhutia, MPhil Scholars, presented a paper titled

- Deep Moni Gogoi and Ugen Bhutia, MPhil Scholars, presented a paper titled ‘Accommodating Diversity: Managing Diversity in Sikkim’ at the national seminar on Cultural Diversity, Contestation and frameworks of managing diversity in the north east organized by Assam University on 24.4.2013.

- Privat Giri and Saurabh Thapa, MPhil Scholars, presented a paper titled ‘Anti Dam Movement in Sikkim: Re-assertion of Bhtia and Lepcha Identity’ at the national seminar on Cultural Diversity, Contestation and frameworks of managing diversity in the north east’ organized by Assam University on 24.4.2013.

### *Seminars/Conferences/Lectures Organised*

Sl No	Theme	Date and Venue	Name/s of the Organiser/
1.	Lecture on ‘Emerging Career Opportunities in Media Space’ by Mr. Amitabha Dutta, Director, Calcutta Media Institute, and Ex Vice President, Ananda Bazar Patrika group.	20.2.14, Barad Sadan, Sikkim University, Gangtok	Manoj Das

‘Liberalisation and issues of free press in India’ at the national seminar on Post liberalization democratic experience in India organized by North Bengal University on 28.2.2014.

### *Refresher Course/Orientation Programme*

**Manoj Das** attended the Orientation Course at ASC, JNU, New Delhi in October-November, 2013.



## Equipment added during the year

Sl.	Particulars	Qty.	Brand
1	Camcorder (Professional) PMW 150 XDCAM HD422	3	Sony
2	Wireless Lapel Microphone (ENG Set) Model ew 112-p G3	3	Sennheiser
3	Wireless Cardioid Handheld Microphone Model Ew 135-p G3	2	Sennheiser
4	Tele Lens 150-500mm f/5-6.3 DG OS HSM APO	1	Sigma
5	Lens 18-135MM EF-S 18-135mm f/3.5-5.6 IS (Wide to Mid range tele)	2	Canon
6	Online video switcher for multi camera SONY NCS-8M	1 set	Sony
7	Professional Master Control Monitor 15" SD/HD-SDI, component for final output. SONY LMD-1530	1	SONY
8	Camera Preview Monitor 18.5" HDMI output normal. AOC	4	Sony
9	Motorized Projector Screen 120" x 96"	1	Liberty
10	Projector (Dell 1510X Base)	1	Dell
11	Yamaha Powered Monitor Speaker (HS7, 55W)	1 pair	Yamaha

### Department of MUSIC

Name of the Head/Incharge:

**Jayanta Kumar Barman**

Office Phone Number: 03592-232225

Mobile number: 91-8013217155

Email id: jkbarman@cus.ac.in

### Faculty Profile

**Mr. Jayanta Kumar Barman**, Assistant Professor, joined the department on 27-02-2012. He was awarded Ph. D degree for his thesis "Uttar Bangla ke lok natya rupon ki sangeetik padhation ka addhyan aur visleshan" by Jagdish Prasad Jhabarmal Tiberewala University, Jhunjhunu, Rajasthan in 2014. His areas of specialization are North Bengal (Rajbonshi) and Nepali Folk Music.

**Dr. Krishnendu Dutta**, Assistant Professor, joined the department on 14-05-2012. He was awarded Ph. D degree for his thesis "Uttarbhratiye Sangeeter nutan taal reetir udbhabon emab tabla o anyano abonodho jantre taar prayoger bidhhi" by

Rabindra Bharati University in the year 2004. His areas of specialization are Tabla and Musicology.

**Miss. Samidha Vedabala**, Assistant Professor, joined the department on 02-03-2012. She is pursuing her Ph. D degree for her thesis titled "Stylistic evolution of Sitar Baaj in 20<sup>th</sup> and 21<sup>st</sup> Century" from Rabindra Bharati University. Her area of specialization is Sitar.

### Publications

**Dr. Jayanta Kumar Barman**, *Uttar Banger Bhawaiya Suralipi*, Uttarbanga Research and Heritage Foundation, Coochbehar, 2013.

#### Dr. Krishnendu Dutta

*Anodhabadyer bollipi VAbna*. ISBN 978-81-924455-8-8. Kolkata: Asian Publishers, 2014.

*Tablakosh* Asian Publishers, Kolkata, ISBN 978-93-84105-00-6. 2014

*Praatishthaanik Shikshaay Bol-Lipir prayog*. ISBN 978-81-928763-0-66. Kolkata: Rabindra Bharati University, 2014.

## *Seminars/Conferences*

### **Dr. Jayanta Kumar Barman**

- Presented a paper at the International Seminar organized by HHRDS in collaboration with ICCR and Sikkim University on 6-10 August 2013. Topic: “The culture traditions and indigenous knowledge of Himalayan ethnic group”.
- Presented a paper at the International Seminar organized by Krishnanagar Women’s College in collaboration with CDSR, Rabindra Bharati University, Kolkata on “Bhawaiya Sangrakshane ekti Nabagathita Swaralipir Prastabana” held on 18-19 Jan. 2014.
- Presented a paper at the National Seminar organized by Uttarbanga Research and Heritage Foundation, Coochbehar and Rajbonshi Heritage foundation, Assam in February 2014 on “Hariye Jaoya Sanskritir Saandhane”. 9<sup>th</sup> February 2014.

### **Dr. Krishnendu Dutta**

- Presented a paper at Rabindra Bharati University titled “Pratisthanik sikhyae bollipir prayog” at the seminar on Impact of Globalisation on Indian Music, held on 16-18 Dec 2013.
- Presented a paper on “Rabindra Sangeet ke bibidh parjaya geeton par lokgeeton ka prabhav” at the International Semonar organized by Kashi Hindu Vishwabidyalaya in collaboration with Sahitya Academy on

30-31 Jan 2014.

- National Seminar on Impact of globalization on Indian Music organized by Rabindra Bharati University, Kolkata on 25-26 March 2014. Presented a paper titled “Bharatiya sangiter rupantor: Samontotantro theke biswayaner pathe”.
- National Seminar organized by Uttarbanga Research and Heritage Foundation, Coochbehar and Rajbonshi Heritage foundation, Assam on 9<sup>th</sup> February 2014. Topic: “Bisohori gaan”.

### **Miss. Samidha Vedabala**

- International Seminar on culture traditions and indigenous knowledge of Himalayan ethnic groups organized by HHRDS in collaboration with ICCR and Sikkim University on 6-10 August 2013. Topic: “Musical pattern of the Gandharvas (Gaine) of eastern Himalaya”.
- National Seminar on Impact of globalization on Indian Music organized by Rabindra Bharati University, Kolkata on 25-26 March 2014. Presented a paper titled “Globalization: The paradigm shift in Indian Classical Music”.
- National Seminar organized by Uttarbanga Research and Heritage Foundation, Coochbehar and Rajbonshi Heritage Foundation, Assam on 9<sup>th</sup> February 2014. Presented a paper titled “Rajbonshi Badyojantrer Tal bol”.



## Department of TOURISM

Name of the Head/Incharge: **Mr. Bidhan Golay**  
Mobile number: 91-9433293791  
Email id: bgolay@cus.ac.in

### *Faculty Profile*

**Mr. Jigmie Wangchuk Bhutia** joined the department as Guest Faculty on 23-08-2013. His areas of specialization are Sustainable Tourism, Eco-tourism, and Adventure Tourism.

**Mr. Krishna Chandra Subba** joined the department as Guest Faculty on 11-09-2013.

His areas of specialization are Travel Agency Management and Eco-tourism.

**Dr. S.S. Mahapatra** joined in the department as Guest Faculty on 31-12-2013. His areas of specializations are Accounting, Finance and Taxation.

### *Special Lectures*

Professor Bivraj Bhusan Parida, Professor & Head, Department of Tourism Management, Burdwan University, delivered a lecture on 'Travel Agency and Tour Operation Management' at the Department on 27<sup>th</sup> February 2014.



Students at the Central Library

## CENTRAL LIBRARY

Head: **Professor A. S. Chandel**  
Office Tel. No. 03592-251060  
E-mail: [librarian@cus.ac.in](mailto:librarian@cus.ac.in)  
[aschandel@cus.ac.in](mailto:aschandel@cus.ac.in)

### *About the Library*

The Central Library was started in February 2008 with a floor area of about 1000 sq. ft. Presently it occupies more than 9000 sq. ft.

Library is the heart of a university and it serves as an information and knowledge resource centre to support all academic activities of a university. Though the Library is still in its infancy stage it can be compared with any modern university library of the country so far as infrastructure facilities and adoption of new technology are concerned. The concept of modern library implies the adoption of new technologies to multiply and simplify the services to the utmost satisfaction of the users which the Library has successfully achieved. It provides web-enabled accessibility to its resources within the campus as well as outside.

It has introduced self-check-out and check-in system of circulation of books, thereby making users independent regarding issue and return of books. For security purpose, it has installed CCTV covering every floor of the Library. It has more than 37000 books with more than 200 journals in addition to the e-resources available under UGC consortium. The Library also has a small collection of 1178 Braille books and subscribes to about 10 popular news magazines and 21 daily newspapers.

# CENTRAL SERVICES





## ***Collection Initiatives***

The first priority of the library is to develop a good library collection meeting the information needs of its academic community by adding basic collection in every teaching subject of the university. Besides ordering books with reputed vendors the University also selected and purchased books during International Book Fair, Kolkata and World Book Fair, New Delhi held in the month of February, 2014.

In addition to the acquisition of books, library subscribed to 208 print journals, some of which were both in print and in electronic versions. This was in addition to e-resources available under UGC-Infonet which provides access to over 7000 e-resources. To supplement these resources, the Library also subscribed to *SciFinder* and *IndiaStat* database, *Economic Outlook* and *DelCON* (database of Department of Biotechnology, Library Consortium) during the year under report.

## ***Prof A.C. Sinha Collection***

Prof A.C. Sinha, former Professor of Sociology, North-Eastern Hill University, Shillong offered to donate his collection to Sikkim University library. Some of his collection, particularly of PhD theses, has been added to the library collection. Remaining books will be collected during the winter of 2014.

The Library has already received some books from the first and second Vice-Chancellors of Sikkim. Similar efforts are being made to enrich the collection in the Library.

## ***Expenditure on Books and Journals***

Books	Rs. 97,54,338
Journals	Rs 74,28,353

## ***Infrastructure Development and Facilities***

Second priority of the library was to develop infrastructure facilities and modernize its services through application of new technology. Infrastructure facilities were developed during the preceding year with the completion of installation of library software with automatic check-in and check-out system through RFID based Library Management System. Library purchased additional computers for Internet use, having Wi-Fi connectivity of 1Gbps all around the library premises. There was no Internet connectivity in Science Library to use e-resources of UGC-Infonet under INFLIBNET, having no connectivity to the main server of the University. Necessary steps were taken to provide accessibilities to these e-resources in all the buildings by providing them static IP addresses to each building of the University including Science Library.

## ***Science Library***

Along with Central Library, Science Library located in 5<sup>th</sup> Mile, was further strengthened in its collection and services. Science books, after being technically processed, including RFID tagging, were transferred to the Science Library. In order to promote the usage of science journals, library started displaying of new arrival of science journals in the Science Library as well.

## ***UGC Major Project***

Prof A. S. Chandel transferred his UGC major project entitled 'Strengthening of Institutional Repository with the Coverage of Literature on North-East' from North-Eastern Hill University Shillong to Sikkim University Library.



## DEAN OF STUDENTS' WELFARE

Dr. Dhaniraj Chettri, Associate Professor, Department of Botany, was the Dean of Students' Welfare during the year under report.

The office of the Dean of Students' Welfare (DSW) became operational since March 2013. It immediately undertook the admission of students as a priority with a view to enhance the Gross Enrolment Ratio (GER) in Sikkim. The DSW office conducted admission campaigns in and around Darjeeling hills, Sikkim, Terai and other parts of India. It supervised the entire admission process and was instrumental in increasing the enrolment by almost 3 times over the previous year.

To extend social justice and equal opportunity among the deprived section of students of the University, this office took steps to identify the neediest students and provide different merit cum means scholarships viz., freeships, half-freeships, fellowships etc. whereby about 10% of total students got benefitted.

The DSW office played the role of a facilitator in the participation of students in different seminars, conferences, symposia and workshops, etc. Some of the programmes organized by the office and actively participated during the year are as follows:

- i. Facilitating the participation of students in Asian Confluence (students' leadership and exchange programme), in Shillong,

from 17<sup>th</sup> to 21<sup>st</sup> September, 2013.

- ii. An orientation programme for the new students to introduce them to the University and its ethos on 18<sup>th</sup> September, 2013. A motivational session was organized as part of this entitled 'Metamorphosis' for the first semester students with assistance from a professional organization on 18<sup>th</sup> September, 2013.
- iii. A workshop on revamped vocational education under National Vocational Education Qualification Framework on 26<sup>th</sup> November, 2013.
- iv. An interaction programme with Ms. Helen LaFave, US Consul General on 26<sup>th</sup> March, 2014 regarding educational opportunities in USA.
- v. An interaction programme of the students with Ms. Renu Sobti, Joint Advisor, Planning Commission, Govt. of India on 29<sup>th</sup> April, 2014.
- vi. To foster a spirit of enquiry and research and to make them aware of the problems of immediate neighbourhood, the office of the DSW arranged for students to participate in survey work, census operations, fieldwork and extension activities on several occasions in collaboration with reputed institutions like G. B. Pant Institute of Himalayan Environment and Development, WWF, and Department of Science and Technology.

## EXAMINATION DEPARTMENT

Controller of Examinations (officiating):

**Dr. Suresh Kr. Gurung**

Telephone no: 03592 – 251540

E-mail Id: coe@cus.ac.in

The University declares its results in 20 days from the last day of examination in spite of lack of adequate manpower and multiple increase in the number of students.

### *Odd Semester Results – 2013*

In the Odd Semester Examinations 2013 a total of about 7146 students appeared in various examinations out of which 87.86 per cent students got promoted to immediate next semester or cleared the examinations successfully.



Declaration of Odd Semester Results-2013

### *Change in Evaluation Pattern*

Few changes have been introduced in the evaluation pattern. Three sessional tests of 1 credit each (best two of three would be accepted for official calculation) was introduced for ensuring “continuous evaluation” as stipulated by the UGC in place of previous midterm and term paper system. The evaluation system itself has been changed to 100 per cent internal evaluation for the University while for colleges there has been a central evaluation of the End Term examination answer scripts.

### *Online transfer of data*

An online mode for transfer of important academic and examination data from colleges and university departments have been initiated. This has greatly reduced the work load of the Examination Department and has sped up the declaration of results.

### *2nd Convocation*

The University conducted its 2<sup>nd</sup> Convocation on 9<sup>th</sup> March 2014 at Manan Bhawan, Gangtok. Students who had successfully completed the programme till June 2013 received degree in that convocation. There were about 1705 students receiving their degrees in that convocation. The University also bestowed 110 meritorious students with Gold and Silver medals.

## FINANCE DEPARTMENT

**Dibakar Kanunjna:** Adviser, Finance  
Phone No. 03592-251396  
Fax No. 03592-251880  
E-mail [financeofficer@cus.ac.in](mailto:financeofficer@cus.ac.in)

Sikkim University has been tentatively allocated Rs. 300 crore for the 12<sup>th</sup> Plan. This amount does not include allocation for building the permanent campus, for which additional sum of Rs. 740 crore has been proposed. During 2013-14 the amount of general development assistance received from the central government through the University Grants Commission was Rs. 40 crore. Internal receipts and interest earned accounted for Rs. 6.29 crore.

Altogether 11 major and 6 minor research projects involving an aggregate grant of Rs. 350 lakhs were operational during the period under report. In order to encourage and facilitate young teachers to take up high-end research, the University approved creation of a Research Award fund. While the offer being received from global research community for collaborative research is quite encouraging, the University has adopted open but cautious approach given the limitations it presently has.

The University introduced a comprehensive Stipend and Freeship Scheme under which meritorious students belonging to economically and socially disadvantaged sections were awarded financial benefits. Altogether 24 students received fellowship of Rs.3000 per month and 41 and 60 students availed full and half exemption of tuition fee respectively during 2013-14. This was in addition to fellowship for MPhil and PhD scholars. Total outgo of fund on this account was Rs. 55.74 lakhs.

The Government of Sikkim has earmarked 300 acres of land for raising the campus of the

University at Yangang in South District of Sikkim and transferred land measuring 264.94 acres. The first phase of work viz., contour survey and biodiversity survey have been completed. Construction of the boundary wall has started as a deposit work placed with Building & Housing Department, Government of Sikkim. The estimated value of work is Rs.12.48 crore and is expected to be completed during 2014-15. Expenditure on campus development aggregated to Rs.258.06 lakhs during 2013-14.

The University acquired laboratory assets worth Rs.631.21 lakhs during 2013-14. It also spent Rs.199.49 lakhs on procurement of Library resources and Rs.275.74 lakhs on other assets. Stringent austerity measures were pursued by the University in its financial administration. As the University has been operating from several hired buildings scattered in dispersed and non-homogenous geographical locations, administrative expenditure on account of rent on hired buildings, security services, telecommunication services and internal transport was relatively high. The Annual Account 2013-14, being presented in a separate volume, reflects the details of all such transactions during the year under report.

The Ministry of Human Resource Development has introduced Uniform Accounting Standard for all higher educational establishments and our university was also accordingly directed to introduce the same from the accounting year 2013-14. Accounts of the University were maintained accordingly and the annual account 2013-14 was prepared in the newly-introduced format.

Accounts of the University for the Year 2012-13 were duly audited by the statutory auditors and their report together with the accounts were placed on time on the table of both Houses of the Parliament - Rajya Sabha on 10.02.2014 and Lok Sabha on 18.12.2013. There was no adverse comment on these reports.



## HEALTH CENTRE

Head of centre : **Dr. Manjushree Thapa Manger**

Office phone number: 03592-2251056

Mobile number: 8388066478

Email id: mthapa@cus.ac.in

hcu@cus.ac.in

The Health Centre was started with the appointment of a Medical Officer and a Staff Nurse in the month of May 2012. It started functioning in a one room structure at the Ground Floor of the New Evaluation Block, 5<sup>th</sup> mile, Tadong. At present, the Health Care Centre is situated adjacent to the Kanchendzonga Management Block, 6<sup>th</sup> mile, Tadong, Gangtok. Presently the Health Centre is functioning with three rooms and four staff, i.e., Medical Officer, Staff Nurse, Nursing Attendant and MTS.

### *Facilities Provided*

1. Outpatient clinic: The outpatient needs of the students, employees and their dependents are taken care of at the Outpatient Clinic. Minor procedures are also done during the same.  
Timings: 9:30 am to 5:30 pm, weekdays.
2. Emergency facilities: The students, employees and their dependents are given emergency services via consultation in the Health Centre and telephonic consultation 24x7.
3. Inpatient facilities: The students, employees and their dependents are provided with inpatient facilities in the clinic itself.
4. Dispensary: the Centre houses all essential drugs, both oral and injectables. Drugs are dispensed by the Staff Nurse as per the prescription of the Medical Officer.
5. Ambulance facility: Ambulance/Vehicle is provided for medical emergency purposes.

### *Data for 2013-2014*

Month	New cases	Follow up cases	Total cases	Cases referred		Emergency cases	Inpatient cases
				Investigation	Treatment		
Apr'13	74	13	87	9	5	2	5
May'13	82	23	105	10	6	0	6
June'13	54	14	68	14	1	0	4
July '13	49	20	69	9	3	0	3
Aug '13	93	35	128	9	5	0	3
Sept'13	113	35	148	6	6	2	3
Oct'13	93	31	124	13	4	0	4
Nov'13	113	30	143	7	5	2	2
Dec'13	42	13	55	1	1	1	3
Jan'14	15	12	27	2	0	0	1
Feb'14	65	17	82	7	5	0	1
Mar'14	119	25	144	17	5	0	0
<b>Total</b>	<b>982</b>	<b>289</b>	<b>1271</b>	<b>107</b>	<b>50</b>	<b>9</b>	<b>39</b>



## HINDI CELL

Mr. Shailesh Shukla is Hindi Officer. He is supported by Ms. Jutika Goswami, Hindi Translator, and Mrs. Deepika Subba, Hindi Typist.

Being a centrally funded institution, Sikkim University is committed to the progressive use of Hindi in its official work as well as to popularize among staff members and students of the University. To realize its objective in this direction, the University established Hindi Cell in April 2012.

### *Major functions of Hindi Cell*

Apart from preparing Hindi versions of Annual Reports and Annual Accounts, the Cell helps the administration follow Rajbhasha Rules and issue the required documents bilingually. Letters received in Hindi are replied in Hindi with the help of the Cell. The Cell helps the faculty members, officers and employees of the University to work in Hindi. It has also gone extra mile in this direction by providing Hindi classes instead of sending the University's faculty members, officers and employees outside for the purpose. The Cell also organizes several language and literature related activities to promote Hindi.

### *Hindi Pakhawara - 2013*

The Hindi Cell organized 15 day Hindi pakhawara – 2013, from 6<sup>th</sup> September to 20<sup>th</sup> September 2013. Various language and literature based competitions were held for teachers, officers, employees and students of the University. There were 26 participants in Hindi Essay Writing Competition, 33 participants in Hindi Poetry Recitation Competition and 27 participants in Hindi-Quiz. Raman Khadwal, DIG, ITBP was the chief guest, Engr. Chandra Pal, Secretary TOLIC, Gangtok and Ex. Engineer, CPWD, Mrs. Santosh

Nirash, Founding Editor of Sikkim's first Hindi newspaper *Jamana Sadabahar* and Sri Dinesh Shahu, Assistant Professor, Rajbhasha Vibhag, were present in the closing ceremony of Hindi Pakhawara – 2013 which was presided by the Vice-Chancellor Prof. T.B. Subba.

### *Hindi Courses*

The Cell is consistent in pursuit of progressive use of Hindi in the University by all the employees. For this the Cell enrolls faculty members, officers and employees of the University in Hindi courses like Prabodh, Praveen and Pragya conducted by the Hindi Teaching Scheme, Department of Official Languages, Ministry of Home Affairs, Government of India. Total 21 candidates – 18 for Praveen and 3 for Pragya, appeared in May 2013 exams and 18 candidates – 3 for Praveen and 15 for Pragya, appeared in June 2013 exams. All the candidates cleared the exam with first division.

### *Trainings, Workshops and Seminars*

#### **Shailesh Shukla, Hindi Officer**

- Presented poems as the main poet at the Samkaleen Kavi Sammelan on 26 Jan. 2014 organised by Govt. Technical Institution(s) Society (GTIS), Rohtak, Haryana.
- Successfully completed 3 month translation training (1 April - 30 June 2013) at Central Translation Bureau, New Delhi with "Excellent" Grade.
- Invited as Guest of Honour to All India Radio, Gangtok on the closing ceremony of Hindi Pakhwada.
- Invited as Guest of Honour at Indo-Tibetan Border Police's 13 Battalion, on the closing ceremony of Hindi Pakhwada.
- Participated in the Regional Rajbhasha Seminar in Bhuvaneshwar on 7 March



2013, organised by Rajbhasha Vibhag, Ministry of Home Affairs, Govt. of India.

- Was nominated as a member in advisory panel of Hindi Magazine *Purvottar Bhatti Darpan* of Nagaland Rashtrabhasha Prachar Samiti.

### **Jutika Goswami, Hindi Translator**

- Presented a paper on “Role of Translation in propagation of Rajbhasha Hindi” at

2 day National Seminar from 29 to 30 March 2014, organized by Meghalaya Rashtrabhasha Prachar Samity, Shillong.

- Attended 3 months’ Translation Training from 1 July 2013 to 30 Sep 2013 organized by Central Translation Bureau, Rajbhasha Vibhag, Ministry of Home Affairs, GoI, Delhi.



**Panel of Judges:** Dr. Naval Paswan, Dr. Sujata Upadhyay, Dr. Bikaram Thapa and Dr. Dinesh Singh were the judges of Essay Writing Competition.



(L to R) Dr. Somendra Chakraborty from the University, Mr. Vinay Raj Tiwari, Asst. Director in Doordarshan, Mr. Gopal Shaw, Bureau Head, Prabhat Khabar, Siliguri, Mr. Irfan-E-Azam, Sub-Editor, *Dainik Jagran*, Siliguri and Dr. Kabita Lama were the members in the Panel of Judges for poetry competition.



Dr. Amitabha Bhattacharya was the quiz master for Hindi-Quiz while Dr. Somendra Chakraborty and Mr. Sayak Das assisted him. Ms. Anjali Sharma gave her melodious voice for all the songs during Hindi-Quiz.



## UNIVERSITY GYM

The University Gym with all the latest equipment is open for 6 days a week for its students and staff. Different shifts have been maintained for male and female users. Trained male and female Gym instructors monitor and provide continuous supervision to the users. One can join the University Gym simply by filling up a membership form available in the Gym and also in the University website. Along with the membership form one has

to submit a fitness declaration certificate from the University Medical Officer. A nominal amount, as provided below, is charged from the students and staff in order to provide and maintain the best Gym facility to its students, teaching and non-teaching staff.

Sl.	Student/Staff	Monthly fee (Rs.)
1	Student	Rs. 150
2	Staff	Rs. 300



Students at the University GYM

## WOMEN'S CELL

The Women's Cell was constituted in July 2013 with Dr. Kabita Lama, Associate Professor & Head, Department of Nepali as the Coordinator of the Cell.

Sikkim University is committed to provide an environment for work and study free of sexual harassment, intimidation, discrimination or exploitation. It is expected that all the students, faculty, non-teaching staff and officials will treat one another and visitor to the University with utmost respect.

The Women's Cell is constituted as follows:

S.No	Name	Position in the committee
1	Dr. Kabita Lama, Associate Professor & Head, Dept of Nepali	Chairperson
2	Ms. Rebika Rai, Assistant Professor, Dept of Computer Applications	Member-Secretary
3	Dr. Dhani Raj Chettri, Dean of Students' Welfare	Ex-Officio Member

### *Objectives of the Cell*

The committee has been constituted with the following objectives:

1. To facilitate congenial work environment.
2. To prevent sexual harassment which includes a behaviour which violates an individual's dignity and interferes with his / her ability to operate freely at the place of work.

3. The unit shall be approachable to any employee or student.
4. To spread consciousness about gender equity.
5. To strive for women's empowerment in the University in academic, social and professional aspects.

## NATIONAL SERVICE SCHEME CELL

The National Service Scheme Cell was established by the University on 8<sup>th</sup> January, 2014 with Dr. Sujata Upadhyay, Assistant Professor, Department of Horticulture, as Programme Coordinator. An

advisory committee has been constituted with the Vice-Chancellor as its chairman and the Programme Coordinator as Member-Secretary. The committee will be suggesting and monitoring activities of the NSS Cell. A total number of 354 volunteer students from all academic departments of the University were registered as members of the NSS during March 2014.



# EDITORIAL TEAM OF ANNUAL REPORT 2013-14

## Convener

**Dr. V. Krishna Ananth**  
Associate Professor  
Department of History

## Member

**Dr. Sandhya Thapa**  
Associate Professor  
Department of Sociology

**Dr. V. Rama Devi**  
Associate Professor  
Department of Management

**Shri Chandan Talukdar**  
Deputy Registrar  
Finance

**Ms. Grace D. Chankapa**  
Assistant Registrar

## Establishment

**Shri Jigmie Wanchuk Bhutia**  
Assistant Professor  
Department of Tourism

**Dr. Nagendra Thakur**  
Assistant Professor  
Department of Microbiology

**Dr. Uttam Lal**  
Assistant Professor  
Department of Geography

**Dr. Sujata Upadhyay**  
Assistant Professor

