

आठवाँ वार्षिक रिपोर्ट  
EIGHTH ANNUAL REPORT

**2014-15**



सिक्किम विश्वविद्यालय  
SIKKIM UNIVERSITY

6<sup>th</sup> Mile, Sandur, Gangtok, Sikkim  
[www.cus.ac.in](http://www.cus.ac.in)



# CONTENTS

1. From the Vice-Chancellor's Desk	1
2. About Sikkim University	3
3. Officers of the University	5
4. Members of the Statutory Bodies	5
❑ Executive Council	5
❑ Academic Council	6
❑ Finance Committee	9
5. Executive Summary	11
6. Schools of Study	14
<b>6.1. School of Social Sciences</b>	14
Department of Economics	14
Department of History	17
Department of International Relations	20
Department of Law	22
Department of Peace & Conflict Studies and Management	24
Department of Political Science	29
Department of Sociology	31
<b>6.2. School of Life Sciences</b>	32
Department of Botany	32
Department of Horticulture	36
Department of Microbiology	39
Department of Zoology	44
<b>6.3. School of Physical Sciences</b>	47
Department of Chemistry	47
Department of Computer Applications	48
Department of Geology	50
Department of Mathematics	55
Department of Physics	56

<b>6.4.</b>	<b><i>School of Languages and Literature</i></b>	58
	Department of Chinese	58
	Department of English	59
	Department of Hindi	61
	Department of Nepali	62
<b>6.5.</b>	<b><i>School of Human Sciences</i></b>	65
	Department of Anthropology	65
	Department of Geography	68
	Department of Psychology	72
<b>6.6.</b>	<b><i>School of Professional Studies</i></b>	74
	Department of Commerce	74
	Department of Education	75
	Department of Management	76
	Department of Mass Communication	78
	Department of Music	79
	Department of Tourism	80
<b>7.</b>	<b>Central Services</b>	81
7.1.	Central Library	81
7.2.	Dean of Students' Welfare	82
7.3.	Administration Department	83
7.4.	Examination Department	84
7.5.	Finance Department	84
7.6.	Hindi Cell	85
7.7.	Internal Quality Assurance Cell (IQAC)	86
7.8.	Women's Cell	87
7.9.	Samadhan	87
7.10.	Health Centre	89
7.11.	University Gymnasium	92
7.12.	University Guest House	92
7.12.	National Service Scheme Cell	93

# From the Vice-Chancellor's Desk



First of all, I would like to thank the editorial team led by Professor J. P. Tamang, the seniormost professor of the University, for preparation of the

Annual Report for 2014-15 and for completing the work successfully within the stipulated time. I would also like to thank Dr. Silajit Guha, Head, Department of Mass Communication, for carefully checking the report and formatting it suitably. As the Vice-Chancellor of this eight year old university with 29 full-fledged departments organized under six Schools of Studies I feel quite contented that a lot was achieved during the year under report. To flag a few important achievements during the year under report:

- Fund was created for interdisciplinary and socially relevant research projects to be undertaken by young faculty members of the University out of the interest accrued from the overhead charges on various projects.
- A proposal was submitted to the Department of Biotechnology, Government of India, for Centre of Excellence in Food Microbiology.
- A Community Development Cell was established to turn 5 adopted villages into model villages. The five villages identified by the University are in the immediate vicinity of the Yangang campus.

- Departmental Libraries have been established to facilitate teachers and students to have easy access to our library resources.
- The Government of Sikkim and the University collaborated on various tests for organic certification.
- The University was granted full membership of the Himalayan Universities Consortium funded by the International Centre for Integrated Mountain Development, Kathmandu.
- The Hewlett and Packard Company granted the University a “green certificate” for contributing used cartridges for scientific recycling to save our earth.
- The University launched Online recruitment and Online admission systems developed by HT Media, Mumbai.
- Sports Cell was established for coordinating various sports activities for students, teachers and staff.
- Career Information Centre was established at Central Library for students.
- Interface with industries has been initiated by the Placement cum Coaching Centre of the University.
- Moot Court and Computer Lab were established in Law Department and three computer labs were established in the Department of Computer Applications.
- 24/7 Medical Emergency Service was put in place.
- Student Tour to historical places, national level physical/chemical laboratories, and

other places of educational interest started from December 2014.

We are now all set to start campus building at Yangang, which is located 56 kms away from Gangtok and where the Government of Sikkim has transferred 265 acres of land to us and the remaining 35 acres is expected soon. Our master plan, detailed project report, including building designs and road coordinates are in the final stage. As soon as the state government provides us water and electricity for construction we will be able to start the construction of campus buildings. The campus is planned to be earthquake-free, disabled-friendly, 0-waste, and GRIHA-3 compliant. The campus will also have a horticultural garden, a medicinal plants garden, animal house, weather station, sporting facilities, central heating system, water harvesting system, sewage treatment plant and water recycling system.

I sincerely hope that the Hon'ble Members of the Parliament will appreciate our efforts and help us build a world-class campus in this most peaceful state of India.

Professor T. B. Subba





## About

# Sikkim University

Sikkim University is a central university established 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, and
- 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, Chief Rector and Chancellor**

Shri 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.

Justice (Mrs.) Ruma Pal, former Judge, Supreme Court of India, is the Chancellor of the University.

### **Location and Means of Transport**

The University is currently functioning from 28 hired buildings in and around Gangtok. The University has already started the process of campus building on a

265 acre land at Yangang in South Sikkim, which is 28kms 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 atop Bhalehunga overlooking the University campus. Bhalehunga is a prime destination for the adventure tourists and accessible from the campus through a trek route.

The nearest airport for visiting the University is Bagdogra, about 8 kms from Siliguri city located in 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 other parts of Sikkim. 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/MSc)
2. Chemistry (MSc, MPhil)
3. Chinese (5-Yr Integrated BA-MA)
4. Commerce (MCom/PhD)
5. Computer Applications (5-Yr Integrated BCA-MCA)
6. Economics (MA/MSc, MPhil/PhD)
7. Education (MA)
8. English (MA)
9. Botany (MSc, MPhil/PhD)
10. Geography (MA/MSc, MPhil/PhD)
11. Geology (5-Yr Integrated BSc-MSc)
12. Hindi (MA)
13. History (MA, MPhil/PhD)
14. Horticulture (6-Yr Integrated BSc-

MSc, MPhil/PhD and 1 Yr PG Diploma in Tea Management)

15. International Relations (MA, MPhil/PhD)
16. Law (5-Yr Integrated BA-LLB, LL.M)
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 & Management (MA, MPhil/PhD)
24. Physics (MSc, MPhil/PhD)
25. Political Sciences (MA) (MPhil/PhD)
26. Psychology (5-Yr Integrated BSc-MSc, MA/MSc/PhD)
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. Pakim 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)

Dr. Subir Mukhopadhyay,  
Dean, School of Physical  
Sciences

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

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

## OFFICERS OF THE UNIVERSITY

**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. Sameera Maiti, Dean,  
School of Human Science

Prof. Irshad Ghulam Ahmed,  
Dean, School of Languages &  
Literature

**Registrar** : Shri T.K. Kaul

**Finance Officer** : Shri Pramod Kumar Singh

**Controller of**

**Examinations** : Dr. Debasish Chowdhury

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

## Members of Statutory Bodies

### Members of Executive Council

Sl. No.	Functionary	Position
1.	Prof. T.B. Subba Vice-Chancellor, Sikkim University	Ex-officio Chairman
2.	Dr. Dhani Raj Chhetri 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.	Prof. Jyoti Prakash Tamang Dean, School of Life Sciences, Sikkim University	Member
4.	Prof. Irshad Ghulam Ahmed Dean, School of Languages & Literature, Sikkim University	Member
5.	Prof. Sameera Maiti Dean, School of Human Sciences, Sikkim University	Member
6.	Dr. Subir Mukhopadhyay Dean, School of Physical Sciences, Sikkim University	Member
<i>One Professor, other than a Dean by rotation according to seniority, to be nominated by the Vice-Chancellor</i>		
7.	Prof. Pratap Chandra Pradhan Department of Nepali, Sikkim University	Member
<i>One Associate Professor by rotation, according to seniority, to be nominated by the Vice-Chancellor.</i>		
8.	Dr. Nawal Kishore Paswan Associate Professor Department of Peace & Conflict Studies & Management Sikkim University	Member
<i>One representative from the University Grants Commission</i>		

Sl. No.	Functionary	Position
9.	Prof. Chetan Singh Director Indian Institute of Advanced Study, Shimla	Member
<i>Three persons nominated by the Visitor</i> <b>(yet to be nominated)</b>		
<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> <b>(yet to be nominated)</b>		
10.	Shri T. K. Kaul Registrar, Sikkim University	Ex-officio Secretary

### Members of Academic Council

Sl. No.	Functionary	Designation
1.	Prof. T.B. Subba Vice-Chancellor, Sikkim University	Ex-officio Chairman
<i>Deans of Schools</i>		
2.	Prof. Jyoti Prakash Tamang Dean, School of Life Sciences, Sikkim University	Ex-officio Member
3.	Prof. Irshad Ghulam Ahmed Dean, School of Languages & Literature, Sikkim University	Ex-officio Member
4.	Prof. Sameera Maiti Dean, School of Human Sciences, Sikkim University	Ex-officio Member
<i>Heads/Chairpersons of Departments and Centres of Studies</i>		
5.	Dr. Subir Mukhopadhyay Associate Professor & Head, Department of Physics, Sikkim University	Ex-officio Member
6.	Dr. N.K. Paswan Associate Professor & Head Department of Peace, Conflict Studies & Management, Sikkim University	Ex-officio Member
7.	Dr. V. Krishna Ananth Associate Professor & Head, Department of History, Sikkim University	Ex-officio Member
8.	Dr. A.N. Shankar Associate Professor & Head Department of Commerce, Sikkim University	Ex-officio Member
9.	Dr. N. Sathyanarayana Associate Professor & Head Department of Botany, Sikkim University	Ex-officio Member
10.	Dr. H.K. Tiwari Associate Professor & Head Department of Microbiology, Sikkim University	Ex-officio Member

Sl. No.	Functionary	Designation
11.	Dr. Manish Associate Professor & Head Department of International Relations Sikkim University	Ex-officio Member
12.	Dr. Kabita Lama Associate Professor & Head Department of Nepali, Sikkim University	Ex-officio Member
13.	Dr. S. Manivannan Associate Professor & Head, Department of Horticulture, Sikkim University	Ex-officio Member
14.	Dr. Dhani Raj Chhetri Associate Professor and Dean of Students' Welfare, Sikkim University	Ex-officio Member
15.	Dr. Manesh Choubey Associate Professor & Head Department of Economics, Sikkim University	Ex-officio Member
16.	Dr. V. Rama Devi Associate Professor & Head Department of Management, Sikkim University	Ex-officio Member
17.	Dr. Durga Prasad Chhetri Associate Professor & Head Department of Political Science, Sikkim University	Ex-officio Member
18.	Dr. Swati Akshay Sachdeva Associate Professor & Head Department of Sociology, Sikkim University	Ex-officio Member
19.	Dr. Dilip Kumar Das Associate Professor & Head Department of Tourism, Sikkim University	Ex-officio Member
20.	Dr. Kotra Rhine Rama Mohan Associate Professor & Head Department of Anthropology, Sikkim University	Ex-officio Member
21.	Dr. Nutankumar S. Thingujam, Associate Professor & Head, Department of Psychology, Sikkim University	Ex-officio Member
22.	Dr. Silajit Guha, Associate Professor & Head Department of Mass Communication, Sikkim University	Ex-officio Member
23.	Prof. A.S. Chandel Librarian, Sikkim University	Ex-officio Member
24.	Dr. Debashish Chowdhury 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>		
25.	Prof. P.C. Pradhan Department of Nepali, Sikkim University	Member
26.	Dr. Komal Singha Associate Professor Department of Economics, Sikkim University	Member

Sl. No.	Functionary	Designation
27.	Dr. Pushpa Sharma Associate Professor Department of Nepali, Sikkim University	Member
28.	Dr. S.S. Mahapatra Associate Professor Department of Commerce, Sikkim University	Member
29.	Dr. Laxuman Sharma Associate Professor Department of Horticulture, Sikkim University	Member
<i>Two Principals of the affiliated colleges to be nominated by the Vice-Chancellor: provided the Principal should be a full-fledged as per UGC rule.</i>		
30.	Dr. (Mrs.) Lily Alley Principal, Sikkim Govt. College Rhenock, East Sikkim	Member
31.	Dr. N.R. Bhuyan Principal Himalayan Pharmacy Institute Majhitar 737 136, East Sikkim	Member
<i>Five persons, not being employees of the University or of a college or institution or affiliated to it, to be nominated by the Visitor for their special knowledge (yet to be nominated)</i>		
<i>Two persons, not being employees of the University or of a college or institution or affiliated to it, to be nominated by the Vice Chancellor.</i>		
32.	Prof. D.K. Nayak Department of Geography North-Eastern Hill University, Shillong 793022	Member
33.	Prof. Sanjay Roy Department of Sociology North Bengal University, Siliguri 734 013	Member
34.	Shri T. K. Kaul Registrar, Sikkim University	Ex-officio Secretary



Observance of  
Rashtriya Ekta Diwas  
by Sikkim University  
on 31<sup>st</sup> October, 2014

## Members of Finance Committee

Sl. No.	Functionary	Designation
1.	Prof. T.B. Subba Vice-Chancellor, Sikkim University	Ex-officio Chairman
<i>Three persons to be nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council</i>		
<b>(yet to be nominated)</b>		
<i>Three persons to be nominated by the Visitor</i>		
2.	Shri Yogendra Tripathi Joint Secretary & Financial Adviser Ministry of Human Resource Development New Delhi - 110001	Member
3.	Shri Sukhbir Singh Sandhu Joint Secretary (CU&L) Ministry of Human Resource Development New Delhi - 110001	Member
4.	Dr. K.P. Singh Joint Secretary (CU) University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110002	Member
5.	Shri Pramod Kumar Singh, Finance Officer, Sikkim University	Ex-officio Secretary

## Deans' Committee

Sl. No.	Name and Designation	Position
1.	Prof. T.B. Subba, Vice-Chancellor	Chairman
2.	Prof. Jyoti Prakash Tamang, Dean, School of Life Sciences	Member
3.	Prof. Irshad Ahmed, Dean, School of Languages and Literature	
4.	Prof. Sameera Maiti, Dean, School of Human Sciences	
5.	Dr. Subir Mukhopadhyay, Dean School of Physical Sciences	
6.	Dr. N. K. Paswan, Dean, School of Social Sciences	
7.	Dr. A. N. Shankar, Dean, School of Professional Studies	
8.	Shri P. K. Singh, Finance Officer	
9.	Shri T. K. Kaul, Registrar	Member-Secretary



## College Development Council

Sl. No.	Name & Designation	Position
1.	Prof. T. B. Subba, Vice-Chancellor, Sikkim University	Chairperson
2.	Prof. Jyoti Prakash Tamang, Dean, School of Life Sciences, Sikkim University	Member
3.	Prof. Irshad Ahmed, Dean, School of Languages and Literature, Sikkim University	Member
4.	Dr. Dhani Raj Chhetri, Dean of Students' Welfare, Sikkim University	Member
5.	Dr. Lilly Alley, Principal, Sikkim Government College, Tadong, Gangtok, East Sikkim	Member
6.	Dr. Sujata Basnet, Principal-in-charge, Sikkim Government College, Rhenock, East Sikkim	Member
7.	Dr. P.K. Mishra, Principal, Damber Singh College, 6 <sup>th</sup> Mile, Tadong, Gangtok, East Sikkim	Member
8.	Fr. Dr. Daniel Bara, Principal, Loyola College of Education, Namchi, South Sikkim	Member
9.	Dr. Rabindra Chettri, Principal-in-charge, Sikkim Government College, Gyalshing, West Sikkim	Member
10.	Shri T. K. Kaul, Registrar, Sikkim University	Secretary

## Internal Quality Assurance Cell

Sl. No	Name & Designation	Position
1	Prof. T.B. Subba, Vice-Chancellor, Sikkim University	Chairperson
2	Prof. Jyoti Prakash Tamang, Dean, School of Life Sciences, Sikkim University	Member
3	Prof. Irshad Ahmed, Dean, School of Languages & Literature, Sikkim University	Member
4	Dr. N.K. Paswan, Dean, School of Social Sciences, Sikkim University	Member
5	Dr. A.N. Shankar, Dean, School of Professional Studies, Sikkim University	Member
6	Dr. Sohail Firdos, Associate Professor, Sikkim University	Member
7	Dr. V. Krishna Ananth, Associate Professor, Sikkim University	Member
8	Dr. N. Sathyanarayana, Associate Professor, Sikkim University	Member
9	Dr. H.K. Tiwari, Associate Professor, Sikkim University	Member
10	Dr. Suresh Gurung, Deputy Registrar, Sikkim University	Member
11	Shri S.D. Lepcha, Representative, Local Community	Member
12	Shri J.R. Subba, Representative, Local Community	Member
13	Shri K.N. Bhutia, Representative, Local Community	Member
14	Dr. Subir Mukhopadhyay, Dean, School of Physical Sciences, Sikkim University	Member-Secretary

# Executive Summary



The year 2014-15 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 we consider the number of applications received by the University for admission to various programmes is anything to go by. Some of the major milestones crossed during the year under report are described below.

## Glimpse of the activities during 2014-15:

• Number of students enrolled:	822
• Number of regular faculty members:	120
• Number of regular non-teaching staff:	88
• Total number of publications:	171
• Total number of research projects:	22
• Number of National Conference/ Seminar/Workshop organised:	15
• Number of International Conference/ Seminar/Workshop organised:	1
• Number of books in Library:	42000
• Number of journals in Library including 5 Annual Reviews:	240

## VII Foundation Day Celebration

The VII Foundation Day of the University was celebrated on 2<sup>nd</sup> July 2014. The Foundation Day Lecture was delivered by Shri Sunanda K. Datta-Ray, a leading Indian journalist for half a century and former editor of The Statesman (Kolkata and New

Delhi). The topic of his lecture was “Defending the “Near Abroad”: India “The Awkward Grandfather of the Region”. The Minister of Human Resource Development, Govt. of Sikkim, Shri R.B. Subba was the chief guest. The celebration also included musical performances by the students of the University and classical performance by artists from Kolkata. The venue was the Auditorium Hall of Sikkim Government College, Tadong.

## Swacha Bharat Abhiyan



The University observed Swacha Bharat Abhiyan on 2<sup>nd</sup> October 2014 which saw full participation of its employees. Cleaning drive led by the Vice-Chancellor in the administrative building and by the Department Heads in the academic buildings cleaned its premises and surrounding areas. The Vice-Chancellor disposed 2000 unused files on this day and desired this abhiyan to be a regular feature of the University activity. Later, Swacha Bharat Abhiyan was taken to various places of Sikkim by NSS Cell of the University.

## Rashtriya Ekta Diwas

The Vice-Chancellor Prof. T.B Subba administered the pledge to the University students, faculty members, officers and administrative staff on the birth day of Sardar Vallabhbhai Patel on 31<sup>st</sup> October, 2014. The programme was followed by lecture on 'National Unity & Integration and Career in IAF' by Wing Cdr. A.M.S Joseph, an essay competition on the 'Role of Sardar Vallabhbhai on Integration' and display of postal stamps and books on Patel in the Central Library of the University.

### **Awareness Programme on Fire Safety**

Awareness programmes on Fire safety are regularly conducted by the University. This year the programme included training by the expert team from Fire Department, Government of Sikkim led by DSP Mr. Rai. All the security guards and several employees were thoroughly trained and reading kits, CDs were also distributed. Training was followed by the Fire Drill wherein security guards were taught to deal with real-life fire situation.

### **Special Lecture by Dr. Raghu Ram G. Rajan, Governor, Reserve Bank of India**

On the 27<sup>th</sup> of March 2015, Dr. Raghu Ram G. Rajan visited the University to deliver a special lecture on “Economic Development and Financial Sector Reforms”. The lecture was organized by Sikkim University at the Sikkim Govt. College auditorium with a view to expose research scholars, students and members of faculty to the practitioner's perspective of economic development. Amongst the specially invited audience were the Principals and members of faculty of affiliated colleges and undergraduate students.

The Vice-Chancellor welcomed the Chief Guest, which was followed by a group song from the students. The talk started with evolution of economic activity and the impact of various macro-events on the economic well-being and development in general. Mr. Rajan touched upon the impact of invention of steam engine, industrial revolution, colonialism and consequential World Wars I and II, the lessons learnt by the politicians and people in general and economists in particular. Further, he emphasized on the harmonized global economic development by encouraging fair international trade and need for innovation in the present competitive environment.

Dr. Rajan inspired students regarding the prospects and future of the youths in the global competitive job scenario. He left the floor open for interaction with the audience. Students posed questions as to the development of pace of economy of North-Eastern region, educational endeavors, infrastructure and growth. The session concluded with a presentation of memento by the Vice-Chancellor to Dr. Rajan.

Shri Sunanda K. Datta-Ray delivering VII Foundation Day lecture on 2<sup>nd</sup> July, 2014



Prof. T. B. Subba, Vice-Chancellor presenting memento to Dr. Raghu Ram G. Rajan on 27<sup>th</sup> March, 2015



Dr. Raghu Ram G. Rajan, Governor, Reserve Bank of India delivering Special Lecture on 27<sup>th</sup> March, 2015 at Sikkim University





## Campus Development

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

- 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.
- 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 selection of the architectural firm for preparing the master plan and DPR of the campus development was completed during the period under report.

## Enrolment of Students

The enrolment of students enhanced from 350 to 822 between 2012 and 2014. In order to practice and propagate social justice and equal opportunity among the students, Sikkim University provided and recommended the students for different types of scholarships and fellowships. Thus a sizable number of students who are financially weak but have exhibited good academic performance could pursue their studies unhindered. Different financial assistance extended to the students were: scholarships, freeships, half- freeships, etc. This year (2014-2015), from amongst the economically backward but meritorious UG/PG students, a total of 24 students were selected for fellowships (@Rs.3000/month), 23 for full freeships and 34 for half-freeships. In addition, 63 MPhil students and 46 PhD students from among those who were not in receipt of any other fellowship were provided with UGC Non-NET fellowship. The rest of the MPhil/PhD students got other fellowships like Rajeev Gandhi National Fellowship, ICSSR Fellowship, DST Fellowship or Maulana Azad Fellowship.

## Activities of NSS

National Service Scheme of Sikkim University unit was formed in May 2014, and since then has started various programmes and activities. Some the major activities of NSS are participation in Greenathon and Green Walk Programme, Blood Donation Camp, Essay Competition, Orientation Programme for NSS volunteers, Debate Competition, Cleaning Drive for University Premises, participation in 19<sup>th</sup> National Youth Festival and National Youth Convention & Suvichar at Nehru Stadium, Guwahati, etc. Till 31<sup>st</sup> March 2015, the enrolment of NSS was 450 (219 male and 231 female).

## Central Library

During the last one year the University added about 5659 books to its collection of 28 thousand books in the Central Library. The University has stopped subscribing to those journals that are made available to us from open access sources by Inlibnet or subscribed to by the University. The University's 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.

## Miscellaneous Achievements

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

- Internal Complaints Committee Cell
- Samadhan
- NSS Cell
- Placement cum Coaching Cell
- SC/ST/OBC/Minority Coaching Cell

## SCHOOL OF SOCIAL SCIENCES

Name of the Dean : Dr. Nawal Kishore Paswan  
Telephone : 03592-251441  
Mobile : 09775996279  
Email : nkpaswan@cus.ac.in  
Departments under the School : 7

### 1. Department of Economics

Name of the Head : Dr. Manesh Choubey  
Telephone : 03592-251152  
Mobile : 08670984192  
Email : mchoubey@cus.ac.in  
Number of students enrolled during 2014-15 : PG 24, MPhil 8, PhD 4.

#### Faculty Profile:

Name	Designation	Date of Joining	No. of M.Phil/PhD students
Dr. Manesh Choubey	Associate Professor	1- 06-2013	1 MPhil;4 PhD
Dr. Komol Singha	Associate Professor	25-04-2014	Nil
Dr. Rajesh Raj S.N.	Associate Professor	26-6- 2014	1 MPhil
Dr. Ruma Kundu	Assistant Professor	10-7-2010	3 MPhil
Dr. Pradyut Guha	Assistant Professor	06-03-2012	2 MPhil
Dr. Rangalal Mohapatra	Assistant Professor	13-08-2012	3 MPhil

#### Publications during 2014-15:

1. Choubey, M. (2015). Financial Inclusion in Bihar: Role of Business Correspondence. International Journal of Research in Commerce, Economics and Management 3 (69):93-96.
2. Choubey, M. (2015). Managing human resource in microfinance institutions - A case

study of Bihar. Asia Pacific Journal of Marketing & Management Review 4 (3): 39-51. ISSN 2319-2836.

3. Pandey, P. and Choubey, M. (2015). Production of milk and livelihood status of dairy co-operative member and non-member household in East Sikkim, India. International Journal of Agricultural Economics and Management 4 (1): 29-37.



4. Choubey, M. (2015). Area and production of tea in India: an analysis. *International Journal of Social Science & Interdisciplinary Research* 4 (4): 57-62.
5. Choubey, M. (2014). Production of pulses in India: an econometric analysis. *International Journal of Current Research, International Journal of Current Research* 6 (9): 8893-8896.
6. Choubey, M. (2014). Economic analysis of production and export of garlic. *International Journal of Current Research* 6 (7): 7698-7702.
7. Singh, M. Amarjeet and Singha, K. (2015). Ethnicity and Sikkimese identity in Sikkim. *Eastern Quarterly* 8(3 & 4): 131-41.
8. Singha, K. and Singh M. Amarjeet (2014). Identity, Politics and Economic Development of North-East India. Concept Publishing Company, New Delhi, 372 pages. ISBN 978-93-5125-040.
9. Singha, K., Choudhary, R. and Vishnu, K. (2014). Growth and diversification of horticulture crops in Karnataka: an inter-district analysis. *Sage Open* 1-7: DOI: 10.1177/2158244014548018.
10. Singha, K. (2014). Development of horticultural sector in India- an Assessment. *Journal of Economic Philosophy* 2(1): 1-8. ISSN: 2329-941X.
11. Kundu, R. (2014). Potential of Organic Farming for Providing Sustainable Livelihood: A Study in East Sikkim. In: *Development, Environment and Sustainable Livelihood* (Eds. S.K. Datta and A. Sengupta), pp 254-271. Cambridge Scholars Publishing, MIL. ISBN: 9781322216003.
12. Kundu, R. (2014). Climate Change in the Eastern Himalaya: Impact on Livelihoods, Growth and Poverty. In: *North East Studies and Policy Research* (Eds. S. Hazarika and R. Banerjee), pp. 3-32. Jamia Millia Islamia, Academic Publication, New Delhi. ISBN: 978-93-83931-29-3.
13. Guha, P. (2015). Economics of Tourism in Mizoram: A SWOT Analysis. *International Journal of Current Research* 6(7): 7557-7562.
14. Guha, P. (2015). A Study on the Differences in the Banking Parameters between Pre- and Post-Financial Inclusion Periods: Some Evidence for India. *The IUP Journal of Bank Management* 14(1): 39-56.
15. Guha, P. (2014). Small Scale Tea Cultivation in Assam. In: *Identity, Politics and Economic Development in North East India*, (Eds. K.Singha and M.A.Singh), pp. 353-362. Concept Publishing Company Pvt. Ltd., New Delhi. ISBN-13:978-93-5125-040-1.
16. Guha, P. (2015). Trans-border Trade Intensity: A Case for India's North East. In: *Development Perspectives in North East India: Micro and Macro Studies* (Ed. R.K.P.G. Singha), pp. 9-25. Lakshi Publishers & Distributors, New Delhi. ISBN: 978-93-82120-58.
17. Mohapatra, R. (2015). Decomposition of SBM Technical Efficiency of the Secondary Education System into Radial Efficiency and Mix Efficiency: A State-wise Analysis in India. *Journal of Social Sciences Research* 7(2): 1304-1315.

#### **Seminars/Conferences/Workshops attended:**

Manesh Choubey presented a paper titled "Human Resource Management in Microfinance Institutions in Bihar at the International conference on Infrastructure Finance, IIT, Kharagpur on November 13-15, 2014. He also presented a paper on "Organic farming in Sikkim: Issues and challenges" at the Annual conference of Rajasthan Economic Association organized by Central University of Rajasthan, Bandasindari, Jaipur Ajmer Road, Rajasthan on January 10-12, 2015.

Komol Singha presented a paper titled "Identity Formation and Demand for Autonomy Demand in North-east India" at the International Conference on

Reimagining India's North-east: Networks, Narratives and Negotiations, organised by Centre for North-East Studies and Policy Research, New Delhi: Jamia Millia Islamia on February 4-6, 2015. He with Rajesh Raj and Pradyut Guha presented a paper titled "Drivers of development in North East India: An Assessment" at the UGC-SAP Seminar organized by the Department of Economics of Gauhati University on 27-28 March, 2015. He and Purusottam Nayak presented a paper titled "Can Autonomy Movement on Ethnic Line be Attainable in North East India: A Case of Meghalaya" at the Development Convention, Gujarat Institute of Development Research, Ahmedabad on February 11-12, 2015.

Pradyut Guha presented a paper entitled "Dynamics of Agricultural Mechanisation and Rural Labour Force" at the Inter Conference Symposium of International Association of Agricultural Economists (IAAE) on Re-visiting Agricultural Policies in the Light of Globalisation Experience: The Indian Context, organized by Indian Society of Agricultural Economics, National Institute of Agricultural Extension Management, Prof. Jayashankar Telengana State Agricultural University and Acharya N.G.Ranga Agricultural University, Hyderabad, October 12-13, 2014. He presented a paper entitled "Socio-Economic Determinants of Tuberculosis in East District of Sikkim" at the 16<sup>th</sup> Annual Conference of North East Economic Association (NEEA) organised by the Department of Economics, Tripura University, Agartala, January 8-9, 2015. He presented a paper entitled "Drivers of Development in North East India: An Assessment" at the UGC-SAP Seminar 2014-15 organized by the Department of Economics of Gauhati University, March 27-28, 2015. He participated in two-day hands-on workshop using LaTeX (TeX-2014) held on 15 and 16 November 2014 at the Department of Computer Applications, Sikkim University.

Rangalal Mohapatra and Pradyut Guha presented a paper titled "Dynamics of Agricultural Mechanization and Rural Labour Force at Inter-Conference Symposium of International Association of Agricultural Economists (IAAE) on Revisiting agriculture Policies in the light of Globalization experience: The Indian Context, Organized by ISAE,

MANAGE, Professor Joy Sankar Telengana State Agricultural University and Acharya N.G. Ranga Agricultural University held on 12 and 13 October 2014, Hyderabad.

### **Invited lectures delivered:**

Rangalal Mohapatra delivered a special lecture on Disaster Awareness and Preparedness for Schools in Sikkim as a Resource Person on 4<sup>th</sup> April 2014 in Government Junior School, Nimitar, Sikkim.

Pradyut Guha delivered a special lecture on Disaster Awareness/Preparedness in Sikkim in Government Junior High School, Nimitar, East Sikkim on 4<sup>th</sup> April 2014.

### **Refresher Course/Orientation programme attended:**

Rangalal Mohapatra attended the UGC Orientation Programme from 23<sup>rd</sup> July to 19<sup>th</sup> August, 2014 at the Academic Staff College, North Bengal University, Siliguri.

### **Research Projects:**

1. Manesh Choubey. Water Poverty Index in NE region and its potential mitigation through agricultural water management for sustainable livelihood improvement: A pilot project in Sikkim. Working as Co-PI with Dr. J. Panda, College of Agricultural Engineering and Post Harvest Technology, funded by Department of Science and Technology, GOI for 3 years. Total amount –Rs. 40,06,380/-
2. Singha, Komol (2015). Institutional Structure and Performance of Agriculture in North East India (Major Project) funded by ICSSR, New Delhi.
3. Singha, Komol (2014). Baseline Data on Horticulture in North-East and Himalayan States (Major Project) Funded by the Ministry of Agriculture, Government of India.

## **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised**

1. Special lecture by RBI Governor in association with Commerce and Management departments, Sikkim University on 27<sup>th</sup> March, 2015.
2. In collaboration with IDPM, School of Environment and Development, University of Manchester, UK, the Department organised a workshop on Informal Sector in India: DATA, Measurement and Analysis on 5<sup>th</sup> September 2014, sponsored by British Academy, UK.

## **2. Department of History**

Name of the Head	: Dr. V.Krishna Ananth
Telephone	: 03592 251004
Mobile	: 09046711160
Email	: vkananth@cus.ac.in
Number of students enrolled during 2014-15	: PG 30; MPhil 8; PhD 3.

### **Faculty Profile :**

Name	Designation	Date of Joining	No. of MPhil/ PhD students
Dr. V. Krishna Ananth	Associate Professor	1- 07-2013	3 MPhil; 1 PhD
Dr. Vijay Kumar Thangellapali	Associate Professor	2-05-2014	1 MPhil; 2 PhD
Ms. Sangmu Thendup	Assistant Professor	1-06- 2013	2 MPhil
Dr. Anira Phipon Lepcha	Assistant Professor	1-05-2014	2 MPhil

### **Publications during 2014-15:**

1. Krishna Ananth, V. (2014). Where does the Aam Aadmi Party stand? Economic and Political Weekly Vol - XLIX No. 14, April 5, 2014, pp 13-15.
2. Krishna Ananth, V. (2014). An analysis of the poll scene in Tamil Nadu. Economic and Political Weekly, Vol - XLIX No. 17, April 26, 2014, pp 14-15.
3. Krishna Ananth, V. (2014). Exemplary teacher who left behind a school of thought. Economic and Political Weekly, Vol - XLIX No. 41, October 11, 2014, pp 30-31.
4. Krishna Ananth, V. (2014). Politics in the times of churning - a journalist's perception. Daya Publications, Madurai. ISBN: 9788192219011.
5. Krishna Ananth, V. (2015). Achutanandan's splendid isolation. Economic and Political Weekly, Vol L- No 13, March, 28, 2015, pp-17-19.
6. Krishna Ananth, V. (2015). The Indian Constitution and social revolution: Right to Property since Independence. SAGE Publications India, Private Limited, New Delhi, (Sage Modern Indian History Series) ISBN: 9789351500636.

### **Seminars/Conferences/Workshops attended:**

V. Krishna Ananth

- Land as Commodity: The Ideological Basis of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 at the Silver Jubilee Seminar on Ideology and Social Sciences, November 27-28, 2014 at the OKD Institute of Social Change and

Development, Guwahati.

- Right to Property and Socialism: Some Reflections on the Nehruvian Scheme at the special panel on “Economy, Society and Polity in the Nehruvian Era: Its Contemporary Relevance” at the Platinum Jubilee Session of the Indian History Congress, JNU on December 29, 2014.

#### Sangmu Thendup

- Presented a paper titled “Depictions of Varna and Caste in the Early Buddhist Texts” at the National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate jointly sponsored by the Indian Council for Historical Research, New Delhi and the Indian Council of Social Science Research – North Eastern Regional Centre, Shillong on September 25-26, 2014. She also presented a paper titled “Environmental Ethics in Early Buddhism: A Case of Religious Environmentalism” at the Ninth International Conference on Applied Ethics: Security, Sustainability and Human Flourishing organised by the Centre for Applied Ethics and Philosophy, Hokkaido University, Japan, October 31 – November 2, 2014.

#### Research Scholars:

- Manvender Singh presented a paper titled “The uncomfortable allies: Post Mandal electoral politics of backward castes (SC and OBCs)’ at the National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate jointly sponsored by the Indian Council for Historical Research, New Delhi and the Indian Council of Social Science Research – North Eastern Regional Centre, Shillong, September 25-26, 2014.
- E.K.Santha presented a paper titled “Caste Question and the Left in Kerala: an unfinished Task?” at the National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate

jointly sponsored by the Indian Council for Historical Research (ICHR), New Delhi and the Indian Council of Social Science Research – North Eastern Regional Centre, Shillong on 25-26 September, 2014.

- Biplove Kumar and Sheikh Ansar Ali presented a paper titled “Need of the Hour – Syncretic Thought of Mahatma and Babasaheb” at the National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate jointly sponsored by the Indian Council for Historical Research (ICHR), New Delhi and the Indian Council of Social Science Research – North Eastern Regional Centre, Shillong on 25-26 September 2014.

#### Invited lectures delivered:

##### V.Krishna Ananth

- Meaning and Aspects of Research, Research Problem & Review of Literature at the ICSSR-sponsored Capacity Building Workshop for Young Faculty conducted by Sikkim University, Gangtok on 16 April 2014.
- Writing for the Media at the ICSSR-sponsored Capacity Building Workshop for Young Faculty conducted by Sikkim University, Gangtok on 29 April 2014.
- On reading Nehru's approach to Technology and Environment at the National Seminar on Jawaharlal Nehru and the Question of Environmental Sustainability at the Department of History, Jadavpur University, Kolkata on 11 September 2014.
- Valedictory Address at the National Symposium on Reflection on Present Education System in India from a Gandhian Perspective at the Centre for Gandhian Studies, Tripura University, Agartala, November 10, 2014.
- Transparency in Public Affairs: The Role of the Press at the National Press Day Celebrations organised by Department of



Information and Public Relations, Govt. of Sikkim on November 26, 2014.

Vijay Kumar Thangellapali

- “Colonialism and Cattle Disease: Rinderpest in Africa in the late nineteenth century” at Post Graduate Institute of Veterinary and Animal Sciences, Akola, Maharashtra, January 7, 2015.
- “Feudalism in Europe and India” at Government Degree College, Sadashivpet, Telangana, on January 12, 2015.

### **Refresher Course/Orientation programmes attended:**

Sangmu Thendup attended the Capacity Building Programme on Research Methodology for Young Faculty in Social Sciences sponsored by ICSSR and held at Sikkim University between August 25 and September 7, 2014 at Gangtok. She also attended the 31<sup>st</sup> Orientation Programme at the UGC-ASC, NEHU, Shillong from February 7 to March 8, 2015.

### **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

- Two-Day National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate jointly sponsored by the Indian Council for Historical Research (ICHR), New Delhi and the Indian Council of Social Science Research – North Eastern Regional Centre, Shillong, September 25-26, 2014.
- Jaya Prakash Rao, Department of Sociology, Osmania University, Hyderabad presented a seminar on “Integration and Disintegration of Andhra Pradesh: Lessons from Telengana” as part of the Departmental Seminar Series on June 12, 2014.
- Biplove Kumar, MPhil scholar, Department of History presented a seminar on the Gaza crisis and the Palestinian Question as part of

the Department Seminar Series on August 22, 2014.

- Prof. Samir Das, University of Calcutta, spoke on Peace Making and the Unofficial Peace Process in India as part of the Departmental Seminar Series on September 6, 2014.
- Dr. M.T. Narayanan, Associate Professor, Kannur University, Kerala, spoke on “The Annalles School” as part of the Departmental Seminar Series on September 23, 2014.
- Dr. Nishikant Kolge, Assistant Professor, Tripura University, spoke on “The Modern and Post Modern Perspectives in History” as part of the Departmental Seminar Series on September 24, 2014.
- Manvender Singh, Research Scholar, Department of History spoke on the Anti-Sikh Riots on November 1984 along with a screening of the film Kaya Taran as part of the Departmental Seminar Series on November 1, 2014.
- Manvender Singh, Research Scholar, Department of History, spoke on “The AAP's Emergence in Delhi and its Implications” as part of the Departmental Seminar Series on February 27, 2015.

### **Guest faculty:**

Shri Rajen Upadhyaya (Odd Semester, 2014-15), Assistant Professor, Sikkim Government College, Namchi, taught Ancient History for the Masters students.

### **Achievement of the department:**

Dr. Anira P Lepcha has been appointed to the Editorial Board of International Journal of Research published by the Indian Institute of Social Reform and Research, Kolkotta, ISSN 23946873.



### 3. Department of International Relations

Name of the Head	: Dr. Manish Srivastava
Office Phone Number	: 03592-201826
Mobile number	: 09733302681
Email	: msrivastava@cus.ac.in
Number of students enrolled during 2014-15	: Post-graduate 28; MPhil 8; PhD 5.

#### Faculty Profile :

Name	Designation	Date of Joining	No. of M.Phil/PhD students
Dr. Manish Srivastava	Associate Professor	14-03-2012	5 MPhil; 4 PhD
Dr. Sebastian N	Assistant Professor	10-10-2008	4 MPhil; 4 PhD
Dr. Teiborlang T. Kharsyntiew	Assistant Professor	03-09-2008	5 MPhil; 2 PhD
Mr. Ph. Newton Singh	Assistant Professor	10-01-2008	5 MPhil

#### Publications of faculty members during 2014-15:

Sebastian, N. (2015). Islamic movements engaging with democracy: front Islamic Du Salute (FIS) and democratic experiments in Algeria. *India Quarterly* 71 (3):1-7. ISSN: 0975-2684.

#### Publication of students during 2014-15:

Pradhan, Sunil, (2015). Politics in Nepal: monarchy, democracy and governance, *RCSS Policy Studies* 59, New Delhi: Manohar.

#### Seminars/Conferences/Workshops attended:

- Manish presented a paper at the International Conference titled 'India's Look East Policy – Act East and South East Asia: Beyond Borders', organized by Manipur University in collaboration with the CRRID, Chandigarh, May 23-24, 2015. He presented a paper titled 'Modi's Foreign Policy: Regional & Sub-regional Imperatives' at the National Seminar on "Re-conceptualising Indian Foreign Policy: Emerging Challenges and Opportunities", organized by Banaras Hindu University, Varanasi, April 30 – May 01, 2015. He also presented a paper titled 'India's Foreign Policy vis-à-vis Bhutan & Nepal: Challenges & Opportunities' at the Two-Day

International Conference on India and its Neighbours: Policy Priorities for the New Government, organized by the Centre for South Asian Studies, JNU, New Delhi, March 24-25, 2015.

- Sebastian N. presented a paper on "Security debates in North Bengal and Eastern Himalayan Region: Changing Dimensions and Emerging Trends" at the ICSSR National Seminar on Re-Imagining Human-Nature Relationship: Focusing North Bengal organized by Department of Political Science, Salesian College, Siliguri on 21.11.2014. He delivered Theme Address on Issues of Democratic Experiments in the Arab World: The case of North Africa in the Academic Session V of UGC National Seminar on The Arab World: March towards Democracy or Turmoil organized by Department of Political Science, M.E.S. College, Kodungallur, Kerala on 29.01.2015. He presented a research paper on Status of Higher Education in the States in the Peripheries: The Case of North East India at the National Seminar on Higher Education in the Time of Neoliberal Globalisation organized by Government Arts and Science College, Calicut, Kerala on 21.01.2015. He chaired Academic Session – III at the National

Seminar on Democracy Development and Globalisation: Perspectives and Experiences organized by Association of Political Scientists - Kerala at PG Department of Political Science, Madappally College, Kerala on January 1, 2015. He also chaired Academic Session – VIII in the UGC National Seminar on The Arab World: March towards Democracy or Turmoil organized by Department of Political Science, M.E.S. College, Kodungallur, Kerala on 29.01.2015.

- Teiborlang T. K. presented a paper on “Khasi by blood, Indian by accident: The 'Inside-Outside' Politics of the Inner Line Permit Movement in Meghalaya” at the NE International Conference organised by the Centre for North East Studies and Policy Research, Jamia Millia University held on 4-6 February 2015. He also presented a paper on “Role of Northeast in India's Act East Policy: An Assessment from Sikkim” at the Seminar on “Integrating Northeast in India's Act East Policy” organized by the Indian Council of World Affairs, New Delhi on February 23, 2015.
- Ph. Newton Singh presented a paper on “Elections and Ethnic Relations in Sikkim” at the International Conference 'Reimagining India's North East: Narratives, Networks and Negotiations' organised by the Centre for North East Studies and Policy Research, JMI on 4-6 February 2015.

#### **Invited lectures delivered:**

- Manish delivered a lecture on 'India's Nuclear Diplomacy' at the School of International Studies, Central University of Gujarat, Gandhinagar, August 2014. He participated as an external expert in the M.A, M Phil Curriculum Design of International Relations/ Security Studies, Central University of Gujarat, Gandhinagar, August 2014.
- Sebastian N. delivered Special Lecture on Globalisation and Development Debates: Post

1991 Experiences from India at NMSM Government College, Kalpetta, Kerala, January 8, 2015. He delivered Special Lecture on Global Capitalism in the 21<sup>st</sup> Century: Dynamics and Dimensions at Post Graduate Department of History, Sri Sankara University, Kalady, Kerala, February 2, 2015.

- Teiborlang T. K. delivered lecture on “Tools and Techniques in Research (Qualitative and Quantitative)” at the Research Methodology Course in Social Sciences organised by Department of Education, NEHU, Shillong, September 9, 2014.

#### **Refresher Course/Orientation Programme/ Workshop attended:**

- Teiborlang T. K. attended a Refresher Course in Global Studies at JNU-Academic Staff College from 7<sup>th</sup> April to 2<sup>nd</sup> May 2014. He also attended an International Workshop on Border Studies in Northeast India organized by the Institute of Chinese Studies (ICS) & Association for Borderlands Studies (ABS), Guwahati, March 2, 2015.
- Ph. Newton Singh attended the UGC Orientation Programme organised by Academic Staff College, Manipur University, Imphal in August-September 2014. He also attended the two-week capacity building workshop for faculty in Social Sciences organised by ICSSR in collaboration with Sikkim University, April 16-30, 2014.

**Seminar/Conferences/Workshop/ /Lectures/ Field visit etc. organised:**

Sl. No.	Theme	Date & Venue	Convenor(s)
1	Ministry of External Affairs sponsored Distinguished Foreign Policy Lecture by Ambassador Pinak Ranjan Chakrabarty on India's Neighbourhood Policy: Looking East for Regional and Sub -Regional Cooperation	March 26, 2015, Sikkim University, Gangtok	Dr. Manish Dr. Teiborlang T.K.
2	Lecture by the US Consul General, Kolkata on the theme 'Studying in the US along with Visa Process'	March 16, 2015, Sikkim University, Gangtok	Dr. Manish Dr. Sebastian N.
3	Field Visit to Naval Staff College, Goa Shipyard, BITS Pilani Goa Campus, Department of Political Science & Department of Latin Studies Goa University, Legislative Assembly, Goa	Jan 19, 2015 to Feb 01, 2015.	Dr. Manish
4	ICSSR sponsored "Two-Week Capacity Building Workshop for Young Faculty in Social Sciences"	April 16-29, 2014, Sikkim University, Gangtok	Dr. Manish

**Outstanding achievements of the Department during 2014-15:**

- Dr. Manish was awarded Indian Council for Social Science Research (ICSSR) Fellowship to visit Thailand under the 'ICSSR-NRCT Bilateral Programme for 2014 in connection

with project on "India -Thailand Strategic Partnership: Prospects & Opportunities".

- Two Students of the Department have cleared UGC-NET and JRF in International Relations.

**4. Department of Law**

Teacher In-charge : Shri Veer Mayank  
 Mobile : 0918145894966  
 E mail : vmayank@cus.ac.in  
 Number of students enrolled during 2014-15 : Under-graduate (LLB) 6

**Faculty Profile :**

Name	Designation	Date of Joining	No. of M.Phil/PhD students
Mr. Veer Mayank	Assistant Professor	3-08-2010	nil
Ms. Denkila Bhutia	Assistant Professor	1-05-2012	nil
Dr. Nidhi Saxena	Assistant Professor	28-1-2013	nil
Mr. Vijoy V.	Assistant Professor	5-05-2014	nil
Dr. Sonam Y. Bhutia	Assistant Professor	8-05-2014	nil

**Seminars/Conferences/Workshops attended:**

- Veer Mayank presented a research paper

titled "Panel Report in the India — Measures Concerning the Importation of Certain Agricultural Products from the United States:

A counterfactual analysis based on Article XX (b) of GATT” at the International Conference on Law and Economics on March 14-15, 2015, organised jointly by Gujarat National Law University (GNLU), Indian Institute of Management (IIM Ahmedabad) and Indian Institute of Technology, Kanpur (IIT Kanpur). He also presented a paper on “Services Liberalization under WTO Regime and Impact on the Human Rights of the Vulnerable Groups in SAARC Region” at the two-day National Seminar titled “National Seminar on Human Rights and Duties: Issues and Challenges in the SAARC Region” organized by Department of Law, University of North Bengal 15-17 November 2014.

- Nidhi Saxena presented a research poster titled “Electronic Governance-Realignment of Government-Public Relationships” at the International Conference on Law and Economics on March 14-15, 2015, organised by Gujarat National Law University (GNLU), Indian Institute of Management (IIM Ahmedabad) and Indian Institute of Technology, Kanpur (IIT Kanpur). She also presented a paper on Responding to information needs of the citizens through e-government portals and online services in India with special reference of to Sikkim-A tribal state” at the two-day UGC National Seminar on “Human Rights of Tribes in India: Present Position & Prospects” organized by Department of Law, JNV University, Jodhpur from January 31 to February 1, 2015.
- Denkila Bhutia presented a paper titled “Draft Research Paper on Judicial Reforms” at a conference organised by the High Court of Sikkim, Gangtok on July 14, 2014.

#### **Orientation programme attended:**

- Veer Mayank attended the UGC-Refresher Programme in law organized by Patna University, Patna, August 8-25, 2014. He also attended the Second National Workshop on Research Methods and Data Analysis at National Law School, New Delhi on May 8-10, 2014.

- Denkila Bhutia attended the UGC-Orientation Programme organized by Jawaharlal Nehru University, New Delhi from November 10 to December 4, 2014. She participated in specialized teachings on Science, Technology and Administration of Justice organized by IBA-CLE Chair, National Law School of India University, Bangalore and Menon Institute of Legal Advocacy Training, Trivandrum in association with West Bengal National University of Juridical Sciences, Kolkata, May 8-10, 2014.
- Nidhi Saxena participated in the UGC-Refresher Programme in Development Studies, Burdwan University, Burdwan, August 7-27, 2014.
- Sonam Y. Bhutia participated in the UGC-Orientation Programme organized by North Bengal University, Siliguri, from February 26 to March 25, 2015.

#### **Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organised during the year:**

1. Workshop on “Legal Aid and Awareness” was organized under the convenership of Mr. Veer Mayank of Department of Law, Sikkim University.
2. Talk on “Evolving Banking Systems in Sikkim: Issues and Roadmap” by Shri Manabendra Mishra, General Manager and Officer-in-Charge, Reserve Bank of India, Gangtok was organized under the convenership of Mr. Veer Mayank of the Department of Law, Sikkim University.

#### **Guest Faculty:**

- Justice (retired) A. P. Subba, former judge, Sikkim and Gauhati high courts.
- Mr. Udai P. Sharma, Senior Advocate
- Mr. Tenzing P. Lepcha
- Ms. Nancy Choden

## 5. Department of Peace and Conflict Studies and Management

Name of the Head : Dr. Nawal K. Paswan  
 Tel. : 03592-251441  
 Mobile : 09775996279  
 Email : nkpaswan@cus.ac.in  
 Number of students enrolled during 2014-15 : Post-garduate 11; MPhil 6; PhD 2.

### Faculty Profile :

Name	Designation	Date of Joining	No. of M.Phil/PhD students during 2014-15
Dr. Nawal K. Paswan	Associate Professor	5-03-2012	3 MPhil; 1 PhD
Dr. Salvin Paul	Assistant Professor	5-03-2012	3 MPhil; 1 PhD
Dr. Sanghamitra Choudhury	Assistant Professor	9-03-2012	1 PhD

### Publications of faculty members during 2014-15:

1. Paswan, N. K. (2015). India and Central Asia: Deepening Economic Cooperation. APH: New Delhi.
2. Paul, S. (2015). Politics of Intellectual Property Rights and Biodiversity Associated Traditional Knowledge: The Experience of India, Lambert Academic Publication, ISBN: 978-3-659-40804-5.
3. Paul, S. and Nitya, S. (2015). Renewed hope of India's foreign policy under Modi Government: a critical appraisal of challenges and opportunities. FPRC Journal 1: 100-104. ISSN 2277-2464:100-104.

### Publications of students during 2014-15:

1. Chhetry, T.K. (2015). Buffer Ethnic Group(s): Understanding the existentiality of Gorkha community in space of multi-ethnic contestation(s) of Chirang district, Assam. In: Democracy and Development in India's North-East: Challenges and Opportunities (Eds. L.S. Gassah and C.J. Thomas), pp. 189-203. Bookwell, Delhi in association with ICSSR-NERC, Shillong. ISBN: 978-93-80574-74-5.
2. Chhetry, T.K. and Adhikari, N. (2014).

Regional Politics in India: (Re)scanning Party behaviour in Sikkim. In: Socio-cultural and Political Integration in India (Ed. G. Pathak), pp. 365-377. DSSN Publication India, New Delhi. ISBN: 9789383575282.

3. Chhetry, T.K. (2014). In doubled disorder: (Re) locating ethnic minority Gorkhas in contested space of ethno-nationalisms in Assam. In: Self-determination Movement in North-east India (Ed. K. Brahma), pp. 63-87. LAP-Lambert. ISBN: 978-3-659-61005-9.
4. Chhetry, T.K. (2014). The Flipside of Indo-Nepal Friendship and Peace Treaty 1950: (Re) evaluating Impacts on Gorkha of Assam. In: Marginalized/Subaltern Voices and Beyond: Issue and Challenges in North-East India Federalism (Ed. J. Pathak), pp. 265-273. Excel India Publishers, New Delhi. ISBN: 9789383842940.
5. Chhetry, T.K. (2014). Tourism Industry in Sikkim: Potential, Constraints and Remedies. In: Tourism in India (Ed. G. Pathak), pp. 169-191. Avon Publications, New Delhi. ISBN: 978-93-8183-950-8.
6. Chhetry, T.K. (2014). (Un) noticed History and Present of the People at Social Margin: A Case Study of Nepali Bhariya in Darjeeling. In: Socio-Religious and Cultural



- Understanding of the Historical Researches in India (Ed. G. Pathak), pp. 35-467. S.K. Book Agency, New Delhi. ISBN: 978-93-8315-837-9.
7. Chhetry, T.K. and Nath, D. (2014). Making Sense of student politics in India's Northeast: Different paradigms. *Journal of North-East Region* 2(1): 450-457. Global Publishing House India, New Delhi. ISSN: 2321-0583.
  8. Chhetry, T.K. (2014). Exploited Perspiration(s)?: Screening the Status of Labourers and Labour Laws from Pakyong Airport Construction Site, Sikkim. In: *Socio-cultural and Political Integration in India* (Ed. G. Pathak), pp. 339-348. DSSN Publication India, New Delhi. ISBN: 9789383575282.
  9. Joseph, B. (2014). Conflict transformation in Northeast India: the media imperative. *The International Journal of Humanities and Social Studies* 2 (10): 102 -106. ISSN: 2321-9203.
  10. Joseph, B. (2014). Resolving immigration and transforming ethnic conflicts: with special reference to Northeast India. *International Journal of Novel Research in Humanity and Social Sciences* 1(2):13-17.
  11. Joseph, B. (2015). Ethnicity and ethnic conflict: a search for identity or an identity crisis? With special reference to Northeast India. *International Journal of Innovative Research & Development* 4(4): 352-357. ISSN 2278-0211.
  12. Joseph, B. (2014). *Promoting Peace Inciting Violence: The role of Religion and Media*, New York: Routledge. *The Peace Journalist*, A publication of the Center for Global Peace Journalism at Park University, 3(2):14.
  13. Joseph, B. (2014). "Plathottam, George (2013), Press and Social responsibility: A content analysis of Newspapers in Northeast India", New Delhi: Segment Books, *Interviews: An Interdisciplinary Journal in Social Sciences* 1(1): 135-139. ISSN: 2349-400X.
  14. Nath, D. (2014). All the way from Moreh: Rhetoric Countering Reality. In: *Self-determination Movement in North-east India* (Ed. K. Brahma), LAP-Lambert, Germany. ISBN: 978-3-659-61005-9.
  15. Bhutia, D. (2014). Empowerment of Indian women in 21st century: a mere illusion. *Human Rights* 2(2): pp. 603-609. ISSN 2320-6942 ISBN 978-9-84124-17-5.
  16. Subba, B. (2014). Women "quest" for empowerment in Sikkim's society. *International Journal of Scientific and Research* 4(9), ISSN 2250-3153.
  17. Subba, B. (2015). Understanding food security in Sikkim: A case study of Tathanchen Shyari Ward. *Scholars World*, Astral International Pvt. Ltd, New Delhi, ISBN: 978-93-5130-623-8.
  18. Rai, M. (2014). Women's health security: an analysis of small health post in Darjeeling district. In: *Integrating the culture and socio and economic Identity of India* (Eds. Choudhary, B. and Thagenda, C.), pp. 348-359. SSND, New Delhi. ISBN: 978-93-8357-528-2.

### **Seminars/Conferences/Workshops/Training attended:**

- Nawal K. Paswan delivered lectures on "Interview and Questionnaire Methods in Social Science Research", "Writing a Research Proposal in Social Science" and "Writing a Research Report in Social Science Research" at the Research Methodology Workshop organised by Department of Peace and Conflict Studies, Sikkim University in August-September 2014.
- Salvin Paul delivered lectures on "Interdisciplinary nature of Peace and Conflict Studies", "Conflict Mapping" and "Necessary Components of a Research Proposal" at the Research Methodology

Workshop organised by Department of Peace and Conflict Studies and Management, Sikkim University in August-September 2014.

## Students

Tikendra Kumar Chhetry presented a paper titled “Traumatized Toddlers in Bhutan: Understanding the Impact(s) of Conflict on Lhotshampa Children” with Debashis Nath, at the United Nations' International Children Emergency Fund (UNICEF) sponsored National Seminar on Impact of Conflict on Children, organized by the Centre for Peace and Conflict Studies, Bodoland University, Kokrajhar, BTC, Assam held on 29 November, 2014. He presented a paper titled “The Flipside of Indo-Nepal Friendship and Peace Treaty 1950: (Re) Evaluating Impacts on Gorkha of Assam” at the Indian Council of Social Science Research (ICSSR) sponsored National Seminar on Marginalized/Subaltern Voices and Beyond: Issue and Challenges in North-East India Federalism, organized by Department of Political Science, Bodoland University, Kokrajhar, BTC, Assam held on 13 November, 2014. He presented a paper on “Conflicting Identity Dynamics in India's Northeast: (Re)Invigorating the Case of Sikkim” with Naina Thatal, at the Indian Council of Social Science Research sponsored seminar on Historicity, Cultural Diversity and Identity in Northeast India, organised by Tribal Research Centre, Department of Sociology, Nagaland University, Nagaland, held on 11-12 November, 2014. He presented a paper titled “Civil Resistance in Eastern Himalayas: Protest against the environment vis-à-vis culture desecration in India” at the 8th International Conference of Asian Political and International Studies Association (APISA) and seminar on An Agenda for Asia: Human Security, Conflict Management, Security Sector Reform and Local Democratization, held at Chiang Mai University, Thailand on 19-20 September, 2014. He presented a paper on “Developmental Deficit(s): Insight(s) to Environment and Indigenous Community Protection Movement in Northeast India” with Neeraj Adhikari, at the two-day national conference on the North East Umbrella Environment-Cultural Interaction and the Tribes in the Region organised by departments of Political Science and

History, Union Christian College, Shillong, Meghalaya, India on 28-29 May 2014.

Jayanta Madhab Tamuly presented a paper on “Understanding identity and conflict through literary texts: A study on selected women writers from North East” at the International Conference on Reimagining India's North-East: Narratives, Networks and Negotiations, organised by CNES, JMI, on 4-6 February, 2015. He presented a paper on “The Silent Activists: Women writers writing for peace-A Northeastern experience” at the International Conference on Gender, Empowerment and Conflict in South Asia, organised by MCRG, Kolkata and PRIO, Oslo on 6-8 November, 2014. He presented a paper on “The Silent Peacebuilders - Role of Namghars in Peacebuilding in Assam” at the International Seminar on Philosophy of Culture, organised by the Department of Cultural Studies, Tezpur University and Indian Council of Philosophical Research, 31<sup>st</sup> March- 1<sup>st</sup> April, 2014.

Neeraj Adhikari presented a seminar paper titled “Developmental Deficit(s): Insight(s) to Environment and Indigenous Community Protection Movement in Northeast India”, with Tikendra Kumar Chhetry at the two-day national conference on the North East Umbrella Environment-Cultural Interaction and the Tribes in the Region organised by Department of Political Science and History, Union Christian College, Shillong Meghalaya, India on 28-29 May, 2014. He also presented a paper titled “Strengthening Rural Development in India: A case of village Tourism in Sikkim” at the Indian Council of Social Science Research and organised by Rhenock Government College, Sikkim, India, held on 14-15 November, 2014.

Naina Thatal presented a seminar paper titled “Conflicting Identity Dynamics in India's Northeast: (Re)Invigorating the Case of Sikkim” with Tikendra Kumar Chhetry at the Indian Council of Social Sciences Research sponsored national seminar on Historicity, Cultural Diversity and Identity in Northeast India, organised by Tribal Research Centre, Department of Sociology, Nagaland University, Nagaland, November 11-12, 2014.

Sabitri Mukhia, Reshma Lepcha, Jamsheed Jamil and

Wasim Ahmad Shah attended 10-day Research Methodology workshop (March 21-30, 2015), organized by Department of Education and Department of History, Tripura University, Agartala.

Sanita Rai participated at the International Conference on Women Empowerment-2014 and presented a paper titled “Customary Laws and Property Rights of Married Women in Sikkim,” organized by International Multi Disciplinary Research Foundation, Vijayawada, Andhra Pradesh, March 7-8, 2014. She also participated in International Conference on Human Rights-2014 and presented a paper titled “Changing Status of Women in Sikkim,” held on 15-19 September 2014, organized by International Multi Disciplinary Research Foundation, Pattaya, Thailand.

Bitu Subba presented a paper titled “An Evaluation of the role of Mahatma Gandhi National Rural Employment Guarantee Act in Sikkim: Analyzing its Impacts and Challenges” at the National Seminar on Rural Empowerment in India: Efforts, Achievements and Constraints sponsored by ICSSR, New Delhi and HRDD, Govt. of Sikkim organized by the Dept. of Geography, Govt. College Rhenock, held on 14-15 November 2014. He participated at the “Workshop on Research Methodology” organized by Vallabh Govt. College Mandi, Himachal Pradesh sponsored by Indian Council of Social Science Research (ICSSR), New Delhi on 18-27 September 2014. He presented a paper at the “Annual Winter School on Research Methodology” titled “Roots and Bridges” organized by Tata Institute of Social Sciences (Guwahati Campus), Guwahati, Assam on 15-19 December 2014.

Ganga Maya Tamang presented a paper on “Indigenous Methods of Conflict Resolution In Sikkim: A Case Study of Dzumsa” at the National Seminar on Conflict Resolution System in Tribal Societies organised by the North Eastern Social Research Centre (NESRC), Guwahati on 5-6 June 2014. She presented another paper titled “Cultural Revivalism in Nepali Communities of Sikkim”, with Tanmoy Das at the National Seminar on Historicity, Cultural Diversity and Identities in Northeast India, Nagaland University, 11-12 November, 2014, Lumami, Nagaland. She also participated in three-day dialogue

on Matrishakti: The voice of women power for peace building at Sarania Ashram, Ulubari, Guwahati, organized by Gandhi Smriti and Darshan Samiti and Kasturba National Memorial Trust, Guwahati, March 6-8, 2014.

Maheema Rai presented a paper on “Domestic violence in Sikkim” at the three-day dialogue on Matrishakti: The voice of women power for peace building at Sarania Ashram, Ulubari, Guwahati, organized by Gandhi Smriti and Darshan Samiti and Kasturba National Memorial Trust, Guwahati, March 6-8, 2014.

Tanmoy Das presented a paper titled “The Silent Peacebuilders: Study on the Role of Namghars in Peace Building- Practices and Prospects” at the International Seminar on Philosophy of Culture, Tezpur University, Tezpur, October 27-28, 2014. He also presented a paper on “Cultural Revivalism in Nepali Communities of Sikkim”, with Ganga Maya Tamang at the National Seminar on Historicity, Cultural Diversity and Identities in Northeast India, Nagaland University, 11-12 November 2014.

Sayantani Roy attended the ICSSR-sponsored Two-Week Capacity Building Programme for Young Faculty of Social Sciences, 25 August-7 September, 2014.

Tulika Chakravorty presented a paper on “Men's Violence towards Women of Fishing Community in India” at the Northern India Symposium on Men and Boys for Gender Justice, held on 13-14 September 2014 at Mahatma Gandhi Kashi Vidyapith, Varanasi. She presented a paper on “Sustainable Livelihood and Exclusion of women of fishing community in India” at the Ninth International Conference on Applied Ethics held on 31 October – 2 November, 2014, at the Centre for Applied Ethics and Philosophy, Hokkaido University, Sapporo, Japan. She presented a paper on “Marginalisation and Women from fishing community : An experience from West Bengal” at the 2nd South India International Conference on 'Inspiring Innovation & Social Entrepreneurship for poverty Eradication & Climate Change Mitigation' held on 6-7 February 2015, organised by CSSEIP, University of Hyderabad & IDCA, Willow brook (Chicago), Illinois, USA.

Hemanta Kumar Yadav attended the 5<sup>th</sup> Indian Student Parliament 2015 held at MAEER's MIT School of Government, Pune and Bharatiya (10-12 January, 2015).

Aswant Katwal presented a paper titled "Lepcha Rising: Fragments of Protests and Articulation" at the National Workshop on Indian Tribes and Social Sciences at Rajiv Gandhi University, Arunachal Pradesh, November 22-23, 2014.

### **Invited lectures delivered:**

Nawal K. Paswan delivered a valedictory address at the national seminar on "Conflict Resolution System in Tribal Societies of Northeast India" organised by the North Eastern Social Research Centre (NESRC), Guwahati, on June 5-6, 2014. He also delivered the keynote address as plenary speaker at the one-day national seminar on "Impact of Conflict on Children" on 29 November 2014, organised by the Centre for Peace and Conflict Studies, Bodoland University in collaboration with UNICEF, Assam Field Office, Guwahati, NERSWN and NEDAN Foundation, Kokrajhar, Assam.

### **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

(a) **Capacity Building Programme for Faculty in Socia.4)**

The Department of Peace and Conflict Studies and Management, School of Social Sciences, Sikkim University organised a 14-day course on Capacity Building Programme for Faculty in Social Sciences in joint collaboration with ICSSR, New Delhi (Dr. Nawal K. Paswan as Director and Dr. Salvin Paul as Co-Director of the programme) for the benefit of university as well as college teachers from 25 August to 7 September 2014.

(b) **One-Day Programme to Celebrate International Peace Day (21 September 2014)**

The Department of Peace and Conflict Studies and Management organized a one-day

programme to celebrate "International Peace Day" on September 21, 2014 at the Auditorium, Dept. of Tourism and Civil Aviation, Govt. of Sikkim, 5<sup>th</sup> Mile, Gangtok with financial support from Sikkim University. The following resource persons were present in the programme: (i) Hon'ble Minister GM Gurung, Minister of Road and Bridges, Government of Sikkim, (b) His Excellency Justice Sonam Pintso Wangdi, Hon'ble Judge, High Court of Sikkim, Gangtok, (c) Shri Ugen T. Gyatso, Hon'ble Minister, Tourism & Civil Aviation, Government of Sikkim, Gangtok, (d) Rtn P.K. Dong, Rotary International, Gangtok, East Sikkim and (e) Shri. Jeewan Bhandari, Social Activist, Darjeeling.

(c) **Study Tour of Faculties and Students to Sri Lanka (16 to 31 December 2014)**

India-Sri Lanka Foundation (ISLF), Sri Lanka High Commission, New Delhi sponsored a study tour programme to visit conflict-afflicted areas in Sri Lanka for two weeks (16-31 December, 2014). A team of faculty members and students (Dr. Nawal K. Paswan and Dr. Salvin Paul and four students Ms. Annie Chettri, Ms. Bandana Pradhan, Ms. Urbashi Chettri and Mr. Roshan Gurung) of the Department of Peace and Conflict Studies and Management, Sikkim University visited Sri Lanka which was headed by Dr. Nawal K. Paswan. This tour was a part of conflict-ridden area study series identified by the department.

(d) **Study Tour of MA-III semester Students to Dharamsala (26 Jan-7 Feb. 2015)**

Under the study tour programme of MA-III semester students of Sikkim University, the department decided to conduct a survey of the Tibetan Refugee Camps in Dharamsala (Himachal Pradesh) on their selected themes of research.

### **Guest Faculty:**

One Professor on Contract (Prof. A. K. Datta), one Adjunct Faculty (Dr. Komal Singha) and two tutors (Mr. Aswant Katwal and Tikendra Kumar Chhetry)



were engaged during the Odd Semester 2014.

### Outstanding achievements of the department during 2014-15:

Dr. Salvin Paul received DAAD fellowship in 2014.

#### Awards, achievements by students:

- Tikendra Kumar Chhetri was selected for Indian Council of Social Science Research (ICSSR), Doctoral Fellowship 2014-15.
- Urbashi Chhetri received the National Youth Leadership Award from Youth and Sports Affairs Ministry, Government of India in for 2014-15.
- Hemanta Kumar Yadav received “Honour for Continuing Voluntary Work” from Nehru Yuva Kendra Sangthan under Youth and Sports Affairs Ministry, Government of India, Sikkim Zone for 2015.
- Tanmoy Das was selected for Rajiv Gandhi National Fellowship for 2014-15.
- Sabina Subba was selected for Maulana Abdul Kalam National Minority Fellowship for 2014-15.
- Waseem Ahmad Shah was selected for Maulana Abdul Kalam National Minority Fellowship for 2014-15.

## 6. Department of Political Science

Name of the Head	: Dr. Durga Prasad Chhetri
Tel.	: 03592 201827
Mobile	: 098320 33837
Email	: dpchettri@cus.ac.in
Number of students enrolled during 2014-15	: Post-graduate 31; MPhil 10; PhD 2

### Faculty Profile :

Name	Designation	Date of Joining	No. of M.Phil/PhD students
Dr. Durga Prasad Chhetri	Associate Professor	15- 5-2014	2 MPhil; 1 PhD
Dr. Om Prasad Gadde	Assistant Professor	25-05-2013	2 MPhil; 1 PhD
Bidhan Golay	Assistant Professor	01-07- 2013	3 MPhil
Dr. Amit Kumar Gupta	Assistant Professor	30-04-2014	3 MPhil
Budh Bahadur Lama	Assistant Professor	02-06-2014	nil

### Publications during 2014-15:

1. Chhetri, D.P. (2014). Divided Spaces: Discourse on Social Exclusion and Women in India. Gyan Publishing House, New Delhi. ISBN 978-81-2121-225-0.
2. Gupta, A.K. (2014). A Compendium of Social Exclusion and Inclusion in India: How's India Faring in a Globalized World?' In: Challenges of Globalization (Ed. A. Tandon), pp. 8-23. Atlantic Publishers & Distributors, New Delhi. ISBN: 978-81-269-1153-6.
3. Gupta, A.K. (2014). Indo-China Relations in the Era of Soft Power. In: Contours of India's Foreign Policy: Changes and Challenges (Ed. M. Badrul Alam), pp. 160-173. Reference Press, Delhi. ISBN 978-81-8405-082-0.
4. Gupta, A.K. (2015). The issue of ethnic identity in Indo-Nepal relations. In: India and Her Neighbours: Towards a Proactive Partnership (Ed. M.B. Alam), pp. 269-278,



Kalpaz Publications, Delhi. ISBN: 978-93-5128-120-7.

5. Lama, B.B. (2015). Participatory democracy and panchayats in India: problems and prospects. In: Decentralizing Rural Governance and Development: Perspectives, Ideas and Experiences (Ed. A. K. Jana), pp. 129-143. Rawat Publications, New Delhi. ISBN 978-81-316-0681-0.
6. Lama, B.B. (2015). Women's participation in panchayats: an assessment. In: Women in Contemporary India: Aspects of Participation and Empowerment (Ed. D. Modak and E. Khan), pp. 298-307. Education Forum, Kolkata. ISBN 93-82600-12-4.
7. Daimari, G. (2015). Bodo Nation: The fight for democratic justice. International Journal of Humanities & Social Studies 3(3): 283-287. ISSN 2321-9203.

#### **Seminars/Conferences/Workshops attended:**

Durga P. Chhetri presented a paper on “Human Rights situation of Indigenous Peoples in Sikkim” at the National Symposium on Human Rights: Ethics, values and Ideology organised by the Department of Political Science, North Bengal University, Siliguri, March 30-31, 2015. He presented a paper on “Is Decentralisation good for Human Rights?” at the National Seminar on Theory and Practice of Human Rights: The Indian Context organised by Sitalkuchi College, Cooch Behar, March 20-21, 2015. He presented a paper on “Public works programmes and Livelihood security: Evaluating the impacts of MGNREGS on the tribes of Himalayas” at the International Conference on Social Entrepreneurship and Sustainable Development organised by TISS, Mumbai, February 4-7, 2015.

Om Prasad Gadde attended two-week workshop on Capacity Building programme on Research Methodology, Organised by Department of Peace and Conflict Studies and Management & ICSSR, 25 August to 7 September 2014.

Amit Kumar Gupta presented a paper titled “Understanding India's Soft Power: as Perceived by

People Within and Around the Globe” at the International Seminar on India's Foreign Policy Strategies Through The 21<sup>st</sup> Century, University of Kerala, Thiruvananthapuram, 26-28 February 2015.

Bidhan Golay presented a paper on “The Politics of Human Rights in Post Political Age” at the National Symposium on Human Rights: Ethics, values and Ideology organised by the Department of Political Science, North Bengal University, Siliguri, March 30-31, 2015.

B.B. Lama presented a paper titled Indo-Nepal Bilateral Relations: A Study on the Impact of Open Border Issue at the International Conference on India-China-Nepal: Redefining Historical Relations in Contemporary Times jointly organized by Center for Chinese & South East Asian Studies, Jawaharlal Nehru University and HNB Garhwal University, JNU, New Delhi, October 16-17, 2014.

#### **Invited lectures delivered:**

Durga P Chhetri delivered a lecture on “Political Representation and Empowerment: Women in Local Government in Sikkim” at Hotel Tashi Delek, organised by State Women Commission on March 25, 2015.

#### **Refresher Course/Orientation programme attended:**

Om Prasad Gadde attended the 90<sup>th</sup> UGC-Orientation Programme conducted by Academic Staff College, Hyderabad University, 8 January to 4 February 2015.

## 7. Department of Sociology

Name of the Head	: Dr. Swati A .Sachdeva
Telephone	: 03592-231547
Email	: sasachdeva@cus.ac.in
Number of students enrolled during 2014-15	: Post-graduate 52; MPhil 6; PhD 2.

### Faculty Profile :

Name	Designation	Date of Joining	No. of MPhil/PhD students
Dr. Swati Akshay Sachdeva	Associate Professor	20-10-2008	5 MPhil; 1 PhD
Dr. Sandhya Thapa	Associate Professor	15-05-2014	3 MPhil; 1 PhD
Dr. K. Indira	Assistant Professor	29-03- 2012	4 MPhil

### Seminars/Conferences attended:

- Swati A. Sachdeva presented a paper on Life Skill Challenges: A Study of Chanakypuri, Delhi at the National Seminar on Life Skill Education: Challenges and Prospects, sponsored by ICSSR and organized by Harka Maya College of Eductaion, July 30-31, 2014.
- Animesh Rai presented a paper on Differently-abled in the Organised Sector: Challenges and Opportunities at the workshop on Sociology of Labour and Globalisation, V.V. Giri National Labour Institute, NOIDA, 19-30 January, 2015. He presented a paper on Globalisation and North East India: Issues and Concerns at the National Seminar on “Interrogating Development: Regional and Sub-Regional Trends in India in the era of Globalisation”, held on 29-30 of March 2015, Department of Economics and Sociology, St. Joseph College, Darjeeling.
- Suryajeewan Yumnam presented a paper on Rethinking Development: A Polemical View of Development in Manipur at the National Conference on “Interrogating Development: Regional and Sub-Regional Trends in India in the Era of Globalisation” held on 29-30 March 2015, St. Joseph College, Darjeeling.
- Srijana Khaling participated in the 10-day national workshop on Research Methodology for PhD scholars, held on 21-31 March 2015 organised by the Department of History and Department of Education, Tripura University, Agartala. She also participated in the one-day workshop on “How to use online resources and develop skills to write and publish” organised by Wiley in collaboration with Central Library at Maharaja Bir Bikram Shatabarshiki Auditorium, Tripura University, Agartala on 25 March 2015.
- Ridhima Sundas participated in the 10-day national workshop on Research Methodology for PhD scholars held on 21-31 March 2015 organised by the Department of History and Department of Education, Tripura University, Agartala. She also participated in the one-day workshop on “How to use online resources and develop skills to write and publish” organised by Wiley in collaboration with Central Library at Maharaja Bir Bikram Shatabarshiki Auditorium, Tripura University, Agartala on 25 March 2015.

### Invited lectures delivered:

- Sandhya Thapa delivered a lecture on “Understanding and appreciating the

concept of Gender in Culture with Special Reference to Tribal Education” at the Tribal Teachers Training Programme on Enhancing Understanding of Indigenous Traditions, Janata Bhawan, Gangtok, 19-26 March 2015, organised by the Centre for Cultural Resources and Training (CCRT), New Delhi.

- K. Indira delivered lectures on “Women Empowerment and political participation in India” and “Gender and Disability” at the training programme organized by North East Regional Institute of Education NERIE-NCERT at SCERT, Guwahati on 18-20 March 2015.

### Research Projects:

- Swati A. Sachdeva is PI of the project titled

“Multi-Disciplinary Impact Assessment Study on Rural Housing in Sikkim” in collaboration with RMDD, Government of Sikkim, IIT, Delhi, SIRD. Total grants: 5.0 lakhs.

### Guest Faculty

Ms. Kajal Pradhan and Prof. Sanjay Roy of North Bengal University were guest faculty members during the Odd Semester 2014.

### Outstanding achievements of the department:

Lhamu Tshering Dukpa presented a paper on “Examining Sexual Health of Hijaras of North Bengal and Kolkata” at 15<sup>th</sup> International Academic Conference on Economic and Social Sciences at Rome, Italy, April 14-17, 2015.

## SCHOOL OF LIFE SCIENCES

Name of the Dean : Prof. Jyoti Prakash Tamang  
 Telephone : 03592-251188  
 Mobile : 08016099902  
 Email : jptamang@cus.ac.in  
 Number of Departments under the School : 4

### 1. Department of Botany

Name of the Head : Dr. N. Sathyanarayana  
 Telephone : 03592-231270  
 Mobile : 08348566069  
 Email : nsathyanarayana@cus.ac.in  
 Students enrolled during 2014-15 : PG16; PhD 3

### Faculty Profile:

Name	Designation	Date of Joining	PhD Scholars during 2014-15
Dr. N. Sathyanarayana	Associate Professor	12/03/2012	nil
Dr. Dhani Raj Chhetri	Associate Professor	7/05/2012	nil
Dr. Santosh Kumar Rai	Assistant Professor	29/05/2013	1 PhD
Dr. N. Bijaya Laxmi Devi	Assistant Professor	02/07/2012	1 PhD
Dr. Arun Chettri	Assistant Professor	22/04/2014	1 PhD

### **Publications during 2014-15:**

1. Chhetri, D.R. (2014). Metabolic changes in *Rhododendron arboreum* Smith in response to abiotic stress induced by salinity and abscisic acid. *International Journal of Research in Applied, Natural and Social Sciences* 2(6): 91-102.
2. Chhetri, D.R. (2014). Medicinal Plants of the Himalaya: Production Technology and Utilization. Agrobios, Jodhpur, ISBN: 978-81-7754-558-6.
3. Chhetri, D.R. (2014). L-myo-Inositol -1-phosphate synthase from *Diplopterygium glaucum*. Scholars Press, Saarbrucken, pages 172. ISBN: 978-3639711462.
4. Barik, S.K., Adhikari, D., Chettri, A. and Singh, P.P. (2015). Diversity of Lianas in Eastern Himalayas and Northeastern India. In: Biodiversity of Lianas, Sustainable Development and Biodiversity (Ed. N. Parthasarathy), 99-121. Springer International Publishing, Cham (ZG), Switzerland. ISBN 978-3-319-14592-1.

### **Seminars/Conferences/Workshops/Training attended:**

Arun Chettri participated in the Department of Biotechnology (Ministry of Science and Technology, GoI) sponsored workshop on "Frontiers in Science & Technology" organized by Department of Microbiology, School of Life Sciences, Sikkim University, Gangtok on 24-26 May, 2014. He participated in the CAMP workshop held at Gangtok, Sikkim on 17-19 November, 2014, organized by State Medicinal Plant Board, Forest Environment and Wildlife Management Department, Government of Sikkim in collaboration with Foundation for Revitalization of Local Health Tradition, Bangalore and funded by the National Medicinal Plant Board, Department of Ayush, Govt. of India. He also participated and successfully completed the North-East winter school held at Sikkim University, Gangtok, Sikkim on 16-20 March, 2015 in collaboration with Indian Statistical Institute, Kolkata.

### **Invited lectures delivered:**

Arun Chettri delivered an invited lecture on 1 November 2014 on the topic "Floral diversity in the Eastern Himalayas" at the National Seminar on "Preservation of Bio-diversity and Cultural Diversity" organized by School of Life Sciences, Sikkim University and Centre for Studies in Civilization.

### **Refresher Course/Orientation programme attended:**

- Dhani Raj Chhetri attended the Hands-on Refresher Course on 'Molecular Cloning and Transgenic Technologies for Crop Improvement', 9-19 March 2015, Agri Biotech Foundation, Acharya NG Ranga Agricultural University Campus, Rajendranagar, Hyderabad.
- Arun Chettri attended the four week UGC-Orientation Course organized by Academic Staff College, JNU, New-Delhi from 27 January to 20 February 2015.
- Santosh Kumar Rai attended the UGC-Refresher course of 27 days' duration organized by ASC, Rajasthan University from 27 October to 15 November, 2014.

### **Research Projects:**

- N. Bijaya Laxmi Devi received the UGC-Start Up grant for her project titled "Study on microclimate and resource utilization of rattans of Sikkim Himalayas" for 2 years (2015-17). Total grants: 6.0 lakhs.

### **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

- Botanical tour and excursion to Kerala, Tamil Nadu, Botanical Garden and Central National Herbarium, Sibpur, Howrah with IIIrd Semester students, escorted by Dr. Arun Chettri, was conducted on 19-30 December, 2014.





KFRI, Kerala



Indigenously made seed selection machine



TBGRI, Kerala



CNH, Kolkata with Museum Curator

- One day lecture was organized on “Vistas in plant biology”. Dr. Dinesh Kumar Agarwal, Scientist B, BSI, India, Himalayan Circle, Gangtok, Dr. K.P Mitra, Professor in SMIMS, Prof. K.R. Shivanna, Honorary Senior fellow of ATREE, Bangalore and Prof. R. Uma Shankar, Professor, Department of Crop Physiology and School of Ecology and Conservation, University of Agriculture, GKVK, Bangalore were resource persons. The programme was held on 22 September 2014 at the lecture hall of SMU, Gangtok.
- Prof. Pramod Tandon, former Vice-Chancellor of NEHU, Shillong delivered a talk on “An integrative approach to the conservation of plant genetic resources of North-East India” at Department of Botany, Sikkim University, Tadong on April 1, 2015.



Prof. Pramod Tandon,  
Former Vice-Chancellor, NEHU, Shillong



**Details of lab/equipment added during 2014-15:**

Equipment	Name of Company/brand/Model
HPLC Ultimate 3000+CM 6.80 SR	3400SD, Sl. No. 8081214
Nano Drop spectrophotometer	Thermo Fisher Scientific, ND2000
Dissection Microscope	Weswox Optix, DM-2
Orbital Shaker Incubator	Genetix, Gx-2102C
Hot Air Oven	Genetix, Gx-A5055A
ChemiDoc TM XRS + with Image Lab software	S/N: 721br10490
Electronic analytical balance	BSA623S-CW, Sl. No. 28291552
GPS system	Map 78S
Spinix vortex shaker	Cat. No. 3020
Spinwin Micro Centrifuge	MC-01-Cat. No.1010
Dry Bath GeNei™	SLM-DB-120
Fraction Collector	Bio-Rad, No. 2110
Quartz Double distillation Unit	Make-Quartz Riviera, Model 72240050
20 KVA UPS system	PMP203A32
Rotor Evaporator	Heidolph, Inkarp Instruments GmbH & Co.
Digital altimeter	Lutron, SP-82AC
Vacuum pump	Model-300, Tarson Rockyvac
Kjeltec Digestion System	M/s Foss Analytical AB, Model 8200



HPLC Ultimate 3000+CM 6.80 SR



Fraction Collector Bio-Rad

## 2. Horticulture

Name of the Head : Dr. S. Manivannan  
 Telephone : 03592-250060  
 Mobile : 07602878189  
 Email : smanivanan@cus.ac.in  
 Students enrolled during 2014-15 :

Programme	Semester	No. of Students
Undergraduate	I	28
	III	21
	V	18
	VII	7
Postgraduate Diploma	I	1
Postgraduate	I	21
	III	21
PhD	I	6
	III	1

### Faculty Profile :

Name	Designation	Date of Joining
Dr. S. Manivannan	Associate Professor	30.04.2012
Dr. Laxuman Sharma	Associate Professor	23.06.2014
Dr. Sujata Upadhyay	Assistant Professor	20.07.2010
Dr. Manju Rana	Assistant Professor	29.03.2012
Dr. Karma D. Bhutia	Assistant Professor	23.05.2014
Dr. Niladri Bag	Assistant Professor (on contract)	

### Publications during 2014-15:

- Subba, P., Mukhopadhyay, M., Mahato, S.K., Bhutia, K.D., Mondal, T.K. and Ghosh, S.K. (2014). Zinc stress induces physiological, ultra structural and biochemical changes in mandarin orange seedling. *Physiology and Molecular Biology Pl.* 20: 461-473.
- Suresh, C.P. Bhutia, K.D. Shukla, G. Pradhan, K and Chakravarthy, S. (2014). Wild edible fruits of Sikkim Himalayas. *Journal of Tree Science* 33: 43-48.
- Bazracharza, A., Rana, M., Roy B., Tiwari, A. and Tripathi, A. (2014). Optical

characterisation of medicinal plants' extracts used for the treatment of diabetes. *Journal of Herbs, Spices & Medicinal Plants*. DOI: 10.1080/10496475.2014.910584.

- Pradhan, S., Manivannan, S. and Tamang, J.P. (2015). Proximate, mineral composition and anti oxidant properties of some wild leafy vegetables. *Journal of Scientific and Industrial Research* 74: 155-159.

### Seminars/Conferences/Workshops/Training attended:

- Manivannan, S., Muddarsu, V.R., and

- Upadhyay, S. (2014). Multi Elemental Profiling of Water Cress (*Nasturtium officinale*) grown in Eastern Himalayan Aquatics Using ICP-MS. International Conference on Horticulture for nutritional livelihood security in Hills: Opportunities and Challenges, 22-24 May, 2014, UBKV Hill campus, Kalimpong.
2. Tamang, D.L., Manivannan, S., Upadhyay, S. and Bhutia, S.G. (2014). Volatile oil variation in different accessions of black turmeric (*Curcuma caesia* Roxb.). PLACROSYM-International Conference on Plantation crops and Spices, 10-12 December, 2014, IISR, Calicut, Kerala.
  3. Lepcha Reymit, Upadhyay, S., Manivannan S. and Subba, P. (2014). Study on Value addition and Products Diversification of Mallero (*Eleagnus latifolia*). Paper presented at the “International Conference on Horticulture for Nutritional, Livelihood and Environmental Security in Hills: Opportunities and Challenges” held on 22-24 May, 2014, Kalimpong.
  4. Upadhyay, S. (2014). Impact of Climate Change on Sikkim Himalayan Agriculture- Mitigation and Adaptation Strategies. Paper presented at the colloquium on “Climate Change and Mountain Communities: Awareness and Adaptation Practices” Mirik, Darjeeling, December 14-15, 2014.
  5. Upadhyay, S. Manivannan S. and Bhutia K. D. (2014). Extension in Shelf Life of Indigenous Fruits of Sikkim by Irradiation Technology for Livelihood Security. Presented at the Thematic Workshop on “Application of Radiation Technology and Radioisotope in the field of Agriculture, Food and Health” organized by BRNS, BARC, Assam Agricultural University, Jorhat, May 28-30, 2014.
  6. Laxuman Sharma attended the workshop on capacity building in effective management in IPRs in Biotechnology by Universities and Research Institutes in Sikkim, organized by Department of Microbiology, SU and Biotech Consortium India Limited of DBT, Gangtok, November 4-5, 2014.
  7. Laxuman Sharma attended the Trainers Training Programme on revisiting Strategic Research and Extension Plan (SREP) on 9-13 June 2014 organized by National Institute of Agriculture Extension Management of Hyderabad.
  8. S. Upadhyay attended the workshop on “Capacity Building in Effective Management of Intellectual Property Rights (IPRs) in Biotechnology by Universities and Research Institutes in Sikkim” organized by Department of Microbiology, SU and Biotech Consortium India Limited of DBT, Gangtok on 4-5 November 2014.
  9. S. Upadhyay attended the workshop on “Frontiers in Science & Technology” organized by Department of Microbiology, School of Life Sciences, Sikkim University, Gangtok on 24-26 May 2014, Gangtok.

#### **Invited lectures delivered:**

- S. Manivannan delivered a lecture on “Research Initiatives in Indigenous Germplasm of Sikkim towards Knowledge Generation and Commercialization” at the workshop on Economic Valuation of Bioresources, Gangtok, 23-24 April 2014.
- Laxuman Sharma delivered a lecture on “Training Need analysis and PRA Techniques” (12<sup>th</sup> August'2014) for orientation programme of Block Technology Manager, organized by FS&ADD, Government of Sikkim. He also delivered a lecture on “Indigenous Technology Knowledge in Integrated Pest Management” (2 September, 2014) at the State Level Training Programme on IPM in vegetables organized by the Central Integrated Pest Management Centre, Tadong, Gangtok. He was Judge at the State Level Science Seminar

on Agriculture for a Sustainable Future: Prospects and Challenges (11 September 2014) Organized by SCERT, HRDD, Government of Sikkim. He delivered a lecture on “Linkage between Research and Development-the vision ahead” (24 February 2015) at the State Level Seminar on “Research and Development of Spices in Sikkim” organized by Spices Board, Gangtok.

- Manju Rana delivered a lecture as Resource Person on “Research Methodology in Horticulture” at the Department of Horticulture, Tribhuvan University, Ilam Campus on 26-27 June 2014. She also delivered a lecture on “Information and Communication Technology in Agriculture” at SAMITI, Tadong, on 23 November 2014.
- Sujata Upadhyay delivered a lecture on “Agro-diversity of Indigenous Crops in Sikkim” at the National Seminar on “Preservation of Bio-diversity and Cultural Diversity” organized by School of Life Sciences, Sikkim University and Centre for Studies in Civilization, New Delhi at Sikkim University, Gangtok on 1 November 2014. She delivered a lecture on “Policy Vision and Initiatives of Sikkim Organic Mission-Strategies and Action Plans” at the Symposium on “Management and Procurement of Integrated Waste Management System” organized by Knowledge Incubation Cell, Centre for Educational Technology, IIT, Guwahati under the Technical Education Quality Improvement Programme sponsored by Ministry of Human Resource Development, Government of India on 6-7 February 2015. She also spoke on “Mitigation and Adaptation Strategies Under Changing Climatic Scenario for Agricultural Crops in Himalayan Region” at the Training Programme on “Agro-Ecological Approaches for Sustainable Mountain Farming under Changing Climatic Scenario” at ICAR, Tadong, Gangtok under the aegis of NICRA organized on 16-25 March 2015.

### **Faculty wise details of Refresher Course/ Orientation programme attended:**

K.D. Bhutia attended Refresher Course on “Genomics and proteomics of plants and microbes towards translational research” organised by ICAR-Indian Institute of Spices Research, Calicut from 21<sup>st</sup> January to 10<sup>th</sup> February 2015.

### **Research Projects:**

1. S. Manivannan is PI of the project on “Potential biocontrol of the invasive species *Hedychium gardnerianum*, *Hedychium flavescens* and *Hedychium coronarium* in Sikkim, India” funded by CABI, UK in 2014 for 2 years. Total grant: Rs. 6 lakhs.

### **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

- All India Study Tour was conducted for III and V semester UG students on December 12-25, 2014 to acquaint with different agro ecosystems of India.
- A field visit was organised on March 26-27, 2015 for IV Semester UG and II semester PG to acquaint with plantation crops to CPCRI Regional Station, Mohitnagar, Tea Research Association, Nagarghatta and UBKV, Coochbehar.

### **Equipment added during the year with photographs & name of the equipment, name of company/brand)**

Fibre Extractor (Pelican Equipment, Model: FES 4AS DLS). Cost: Rs. 2 lakhs.

### **Achievement of the department:**

Plant Nutrition and Ionome lab of the department has been recognised by different agencies like Sikkim Supreme, SIMFED and Spices Board for testing and certification of food products.

Guest Faculty: Dr. A.P. Rao

### 3. Microbiology

Name of the Head	: Dr. H.K. Tiwari
Telephone	: 03592-232085
Mobile	: 09734445746
Email	: hktiwari@cus.ac.in
Students enrolled during 2014-15	: M.Sc 21; PhD 10; MPhil 2

#### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars
Prof. Jyoti Prakash Tamang	Professor	12/03/2012	6 PhD, 1 MPhil
Dr. H K Tiwari	Associate Professor	12/03/2012	3 PhD, 2 MPhil
Dr. Buddhiman Tamang	Assistant Professor	01/10/2008	3 PhD, 3 MPhil
Dr. Bimala Singh	Assistant Professor	01/10/2008	3 PhD, 3 MPhil
Dr. Nagendra Thakur	Assistant Professor	13/10/2008	3 PhD, 2 MPhil

#### Publications during 2014-15:

- Chettri, R. and Tamang, J.P. (2014). Functional properties of Tungrymbai and Bkang, naturally fermented soybean foods of India. *International Journal of Fermented Foods* 3: 87-103.
- Rai, Ranjita, Kharel, N. And Tamang, J.P. (2014). HACCP model of kinema, a fermented soybean food. *Journal of Scientific and Industrial Research*. 73: 588-592 (Impact factor: 0.505).
- Gajamer V. R. and Tiwari, H.K. (2014). Prevalence of Gastrointestinal Disease and Its Associated Risk Factors in Sikkim and Darjeeling Districts. *Journal of Community Health*. DOI:10.1007/10900-014-9826-x
- Tamang, J.P. (2015). *Health Benefits of Fermented Foods and Beverages*. CRC Press, Taylor & Francis Group, New York, pages 636. ISBN: 978-1-4665-88097.
- Tamang, J.P. (2014). Biochemical and modern identification techniques – microfloras of fermented foods. In: *Encyclopaedia of Food Microbiology*, 2<sup>nd</sup> edition (Eds: Batt, C. and Tortorello, M.A.), pp. 250-258. Elsevier Ltd., Oxford.
- Tamang, J.P. and Thapa, N. (2014). Some non-fermented ethnic foods of Sikkim in India. *Journal of Ethnic Foods (Elsevier)* 1: 29-33.
- Chakrabarty, J., Sharma, G.D. and Tamang, J.P. (2014). Traditional technology and product characterization of some lesser-known ethnic fermented foods and beverages of North Cachar Hills District of Assam. *Indian Journal of Traditional Knowledge* 13 (4): 706-715. (Impact factor: 0.492).
- Tamang, J.P. (2015). Naturally fermented ethnic soybean foods of India. *Journal of Ethnic Foods (Elsevier)* 2: 8-17.
- Chettri, R. and Tamang, J.P. (2015). *Bacillus* species isolated from Tungrymbai and Bekang, naturally fermented soybean foods of India. *International Journal of Food Microbiology* 197: 72-76 (Impact factor: 3.155)
- Pradhan, S., Manivannan, S. and Tamang, J.P. (2015). Proximate, mineral composition and antioxidant properties of some wild leafy vegetables. *Journal of Scientific and Industrial Research* 74: 155-159. (Impact factor: 0.505).
- Tamang, J.P., Thapa, N., Tamang, B., Rai, A.



and Chettri, R. (2015). Chapter 1. Microorganisms in fermented foods and beverages. In: Health Benefits of Fermented Foods (Ed: Tamang, J.P.), pp. 1-110. CRC Press, Taylor & Francis Group, New York. ISBN: 978-1-4665-88097.

12. Thapa, N. and Tamang, J.P. (2015). Chapter 2. Functionality and therapeutic values of fermented foods. In: Health Benefits of Fermented Foods ((Ed: Tamang, J.P.), pp. 111-168. CRC Press, Taylor & Francis Group, New York. ISBN: 978-1-4665-88097.

**Seminars/Conferences/Workshops/Training attended:**

Name	Title	Institute and Place	Date
Prof. Jyoti Prakash Tamang	Key-note speaker at International Symposium on Traditional Fermented Foods: Wisdom for Health and Future: “Microbiology and Health benefits of fermented foods”	Korean Society of Food Science and Technology, Seoul, South Korea	September 2-3, 2014
	Invited Plenary speaker on “Health benefits of LAB-fermented foods	4 <sup>th</sup> International Symposium of Asian Society of Lactic Acid Bacteria, University of Philippines, Las Banos, Philippines	October 23-24, 2014
	Visiting Professor	Clinical Trial Centre for Functional Foods, Chonbuk National University Hospital, Jeonju, South Korea	January 4 to February 5, 2015
	Panellist in Probiotic Symposium, “Probiotics – From Bench to Community”	Yakult India Microbiota and Probiotic Science Foundation, New Delhi	March 7-8, 2015
Dr. H.K. Tiwari	A course work on “Molecular Characterization of Bio-molecule using Label-Free Biosensor and Nanotechnology Approaches for Rapid, Real Time Diagnosis of Pathogens”	Division of Biophysics, Faculty of Animal Biochemistry, Indian Veterinary Research Institute, Izatnagar, UP	November 17-24, 2014
Dr. B.M. Tamang	Attended the DBT-sponsored short term training programme (18 days) on “Molecular Biology Techniques in Microbiology”	Central Food Technological Research Institute, Mysore	September 2-19, 2014

### Seminars/Conferences/Workshops/Training by Students:

Varsha R. Gajamer	Presented a paper in Mahamicrocon 2014 on “A study of prevalence, Risk factors and antibiotic susceptibility pattern of human bacterial gastrointestinal pathogens from Sikkim and Darjeeling”	Organized by Vidarbha Association of Medical Microbiologist, Nagpur	September 19-21, 2014
Varsha Rani Gajamer, Pramila Koirala, Kriti Ghatani, Ishfaq Nabi Najjar, Sayak Das	Basic Statistics Using SPSS Conducted by: Applied Statistics Unit of Indian Statistical Institute (ISI), Kolkata	Organised by Department of Mathematics, Sikkim Govt. College, Tadong	November 5-7, 2014
Kriti Ghatani	A course work on “Molecular Characterization of Bio-molecule using Label-Free Biosensor and Nanotechnology Approaches for Rapid, Real Time Diagnosis of Pathogens”	Division of Biophysics, Faculty of Animal Biochemistry, Indian Veterinary Research Institute, Izatnagar, UP	November 17-26, 2014
Anu Anupma, Pooja Pradhan, Meera Bhutia,	Participated in North East winter school on Human Genetics: “Techniques and Statistical Analysis” sponsored by Indian Statistical Institute (ISI), Kolkata	Department of Zoology, Sikkim University, Tadong	March 16-20, 2015
All PhD students of Microbiology	Capacity Building in Effective Management of Intellectual PropertyRights (IPRs) in Biotechnology by Universities and Research Institutes in Sikkim, organised by Biotech Consortium India Limited, DBT	Department of Microbiology, Sikkim University, Tadong	November 4-5, 2014
All MSc and PhD students of Microbiology	DBT-Workshop on “Frontiers in Science & Technology: Integrative Biotechnology and Molecular Biology”	Department of Microbiology, Sikkim University, Tadong	May 24-26, 2014
Sayak Das, Ashish Kumar Singh	Vistas in Plant Biology	Department of Botany, School of Life Sciences, Sikkim University	September 22, 2014
Shankar P. Sha, Ranjita Rai and H. N. Jones Shangpliang	Short Training on use of DeCode Universal Mutation Detector for DGGE technique.	Institute of Advanced Study in Science & Technology (IASST), Guwahati	November 3-8, 2014

## Invited lectures delivered :

Name of Teacher	Title	Institute and Place	Date
Prof. Jyoti Prakash Tamang	Invited Talk: “Health benefits of fermented foods”	Translational Health Science and Technology Institute, DBT-Institute, New Delhi	August 14, 2014
	Guest Lecture on Microbiology and Health Benefits of Global Fermented Foods	CSIR-Institute of Microbial Technology, Chandigarh	December 31, 2015
	Guest Lecture on Microbiology and Health Benefits of Global Fermented Foods	Department of Microbiology, Pusan National University, Pusan, South Korea	January 22, 2015
	Guest Lecture on Microbiology and Health Benefits of Global Fermented Foods	World Kimchi Research Institute, South Korea	January 30, 2015
Dr. H.K. Tiwari	Invited Lecture on “Human Bacterial Gastrointestinal Pathogens in Sikkim and Darjeeling”	National Conference on “Recent Advances in Biodegradation of Human Wastes” at Defence Research Laboratory, Tezpur, Assam	December 16-17, 2014

## Refresher Course/Orientation programme attended:

- Nagendra Thakur attended Orientation Programme (22<sup>nd</sup> November-18<sup>th</sup> December 2014) held at the Academic Staff College, North Bengal University, Siliguri, West Bengal.
- Bimala Singh attended Refresher Course in Biotechnology (28<sup>th</sup> July- 22<sup>nd</sup> August 2014) held at the Academic Staff College, Jawaharlal Nehru University, New Delhi.

## Research Projects:

1. Dr. Nagendra Thakur and Dr. Swati A. Sachdeva were granted project by Department of Science and Technoogy, GOI in 2014 on “Microbiological Characterization, Documentation, Sociological Insight, Physicochemical Analysis of Hot Springs (Tatopani) of Sikkim”. Total Budget sanctioned: 14.692 lakh Rupees.
2. Dr. Nagendra Thakur was sanctioned Start-up Grant in year 2015 to work on “Isolation, Characterization and Identification of Lipase and  $\alpha$ -amylase producing Thermophilic Bacteria from Hot Spring of Sikkim”. Period 2015-2017. Total Budget sanctioned: 6 Lakh.
3. Prof. Jyoti Prakash Tamang: “Ethno-microbiology of some naturally fermented milk products of Sikkim and Arunachal Pradesh using culture independent methods”, funded by Department of Science and Technoogy, GOI in 2014. Total grants: Rs. 48.20 lakhs. 4 years (2014-2018).
4. Prof Jyoti Prakash Tamang: “Diversity of Fungi (filamentous moulds and yeasts) associated with some traditionally prepared mixture starter culture of North-East India and study of their biotechnological application”, funded by Department of Biotechnology, GOI in 2014. Collaborator: Dr. G. C. Prasad, IMTECH, Chandigarh. 3 years (2014-2017). Total grants: Rs. 50.10 (Rs. 30.10 lakhs to JPT; Rs. 20.0 lakhs to Dr. Prasad).

**Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during 2014-15:**

- Department of Microbiology, School of Life Sciences, SU and Biotech Consortium India Limited (BCIL), DBT, New Delhi organised a two-day workshop on 'Capacity building in effective management of Intellectual Property Rights (IPRs) on November 4-5, 2014 at Sikkim University (Coordinator: Prof. Jyoti Prakash Tamang).
- A National Seminar on "Preservation of Biodiversity and Cultural Diversity" was jointly organized by Department of Microbiology, Sikkim University and Centre for Studies in Civilization, New Delhi on November 1, 2014 at Sikkim University (Coordinator: Prof. Jyoti Prakash Tamang).



Resource Persons and Participants of the Seminar

- Department of Microbiology, School of Life Sciences of Sikkim University organized a two-day International Workshop on "Frontiers in Science & Technology: Integrative Biotechnology and Molecular Biology" on 24-25 May 2014. The workshop was sponsored by Department of Biotechnology, Ministry of Science and Technology, Govt. of India. More than 157 participants registered and attended this workshop including students and faculty members of departments of Microbiology, Botany, Zoology, Horticulture and

Chemistry. Participants also included 11 post-doctorate scholars from different universities of North East, scientists from Institute of Regional Centre of IBSD. There were 16 prominent biological scientists from home and abroad. (Coordinator: Prof. J.P. Tamang).



Dr. Vinod Kumar, Director of DST (middle) with Dr. Sunil Kaul, Chief Scientist, AIST, Japan and Prof. Tamang



Invited Speakers with faculty members and students of Department of Microbiology, SU.



Field trip to Dentam Cheese Factory at Dentam, West Sikkim



## Field Visit

- The Department of Microbiology organized a field trip to Dentam Cheese Factory at Dentam and Uttarey, West Sikkim on 9 - 11

December, 2014 for the MSc and PhD students. The theme of the field trip was 'Study of fermented food and beverages'. The faculty member coordinating the field trip was Prof. Jyoti Prakash Tamang.

**Guest Faculty :** Dr. Arnab Sen, North Bengal University, Siliguri  
**Post-doctorate Fellow :** Dr. Rajen Chettri (DBT RA)

## Details of lab/equipment added during 2014-15:

Sl. No.	Instrument *	Make	Price	Date of installation	Purchased in Projects
1	Denaturing Gradient Gel Electrophoresis (DGGE)	CBS-Scientific (USA)-ILS	Rs. 679640/-	19/03/2015	DBT (JPT)
2	Fluorometer Q33217	Life Technology (Invitrogen)	Rs. 253474/-	19/03/2015	DST (JPT)

## Achievements of the department during 2014-15:

- Two PhD students - Shankar Prasad Sha and Ms Kriti Ghatani - qualified twice the National Eligibility test (NET) (ICAR) in 2014.



DeCode Universal Mutation Detector for DGGE (purchased in DBT Project), December 2014

## 4. Department of Zoology

Name of the In-charge : Dr. Basundhara Chettri  
Telephone : 03592-231302  
Mobile : 09434552502  
Email : bchettri@cus.ac.in  
Students enrolled during 2014-15 : PG-II

### Faculty Profile :

Name	Designation	Date of Joining
Dr. Basundhara Chettri	Assistant Professor	02/04/2012
Dr. Bhoj Kr. Acharya	Assistant Professor	05/05/2014
Dr. Bisu Singh	Assistant Professor	27/05/2014



## Publications during 2014-15:

1. Singh, B., and Chaudhuri, T.K., (2014). Role of C-reactive protein in Schizophrenia, an overview. *Psychiatry Research* 216: 277-285, (Impact factor: 2.682).

## Seminars/Conferences/Workshops/Training attended:

Members of Faculty	Conference/Seminar/Workshop	Title of the Paper
Dr. Bisu Singh	North East Winter school on human Genetics - techniques and statistical analysis, Sikkim University, Gangtok, 16-20 March 2015.	Implication of HLA Genetics in Psychiatry with special emphasis on Schizophrenia
Dr. Bhoj Kr Acharya	International Ornithological Congress, Tokyo, Japan, 18-24 August 2014	The drivers of mid-elevation peak in bird diversity of the Eastern Himalaya, India
	Tropical Ecology Congress, JNU, New Delhi, 10-12 December 2014	Birds and butterflies responses to different land use systems in the Sikkim Himalayas, India.

## Research Projects:

1. Basundhara Chettri: UGC-BSR Research Start up grant for newly recruited faculty. Title of the Project: "Confirmation of the taxonomic identification of a few unidentified species of Amphibians and reptiles of Sikkim Himalayas, India" funded by University Grant Commission. Duration: 2 years (March 2013 -March 2015). Total Budget sanctioned: 6 lakhs.
2. Bhoj Kumar Acharya: Title of the Project: "The assessment of the potentiality of cultivated system in biodiversity conservation with reference to birds and butterflies in Sikkim Himalayas." (Co-PI, Implemented in collaboration with The Mountain Institute-India). Funded by Department of Science & Technology, GOI under animal science programme. Duration: 3 years from July 2012-15. Total Budget sanctioned: Rs. 24,59,400/-.
3. Bhoj Kumar Acharya: Title of the project: "Establishment of institutional level Biotech hubs at Sikkim Government College, Tadong (Assistant Coordinator)". Funded by Biotech Consortium India Ltd. through Department of Biotechnology, GOI under Animal Science

Programme. India Ltd. Duration: 3 years from Oct 2013. Total Budget sanctioned: Rs. 39,50,000/-.

4. Bisu Singh: Start-up-grant sanctioned vide letter no vide letter no. F.30-95/2015 (BSR) dated 30 March 2015. Title of the Project: "Study of C-reactive protein to investigate the inflammatory hypothesis of Schizophrenia", funded by University Grant Commission. Duration: 2 Years. Total Budget sanctioned: Rs. 6,00,000/-.

## Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organised during the year:

### Workshop

North-East Winter school on Human Genetics: Techniques and Statistical Analysis from 16-20 March 2015, organized by Department of Zoology, Sikkim University in collaboration with the Indian Statistical Institute, Kolkata.

## Invited Lectures:

Resource person	Title of the talk	Date
Dr. G. Sharma, TMI-India, Gangtok	Climate Change and related issues	September 23, 2014
Dr. Arundhati Bag, SMIMS, Gangtok	Genetic Predisposition for toxicity in cancer patients receiving platinum based chemotherapy	October 28, 2014
Mrs. U. Lachungpa, Sikkim Forest Dept.	Biodiversity Conservation in the Himalayas: Issues and Challenges	October 29, 2014
Dr. Chetan Nag, IISC, Bangalore	A twist in the ta(il)le: How common is the common Hanuman Langur? Taxonomic status of Hanuman langurs ( <i>Semnopithecus</i> Desmarest, 1822) in Peninsular India	November 7, 2014
Prof. Veena Tandon, NEHU, Shillong	This Wormy World: Diversity of Food-borne Parasitic Zoonoses in Northeast India	April 1, 2015

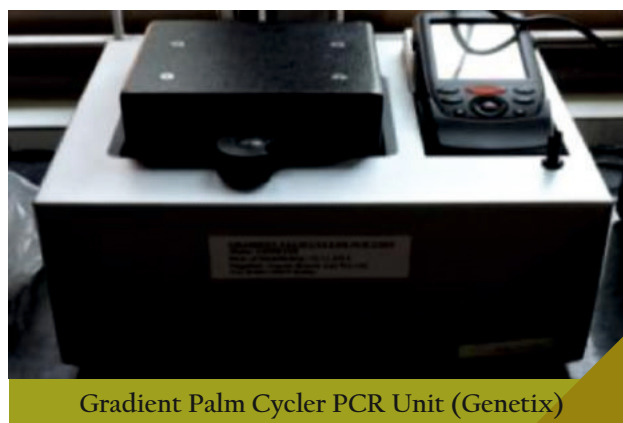
## Field Visits:

Date	Place of Visit	Members
6-9 June, 2014	North Sikkim (Lachen, Lachung, Yumthang, Yumesamdong & Gurudongmar)	II Semester M.Sc students. Escorts-Dr. B. K. Acharya and Mr. Deepak Chettri
23 January to 1 February 2015	South Bengal (Digha, Mondermoni, Kolkata)	III Semester M.Sc students. Escort-Dr. Bisu Singh

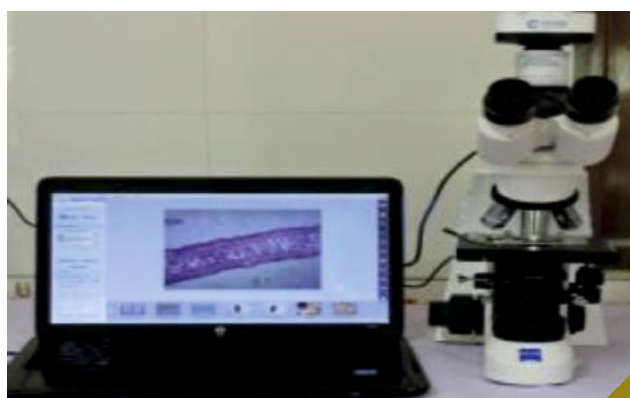
## Guest Faculty:

1. Dr. M.P. Thapa, former Principal, Namchi Government College
2. Dr. Namrata Tamang, Head, Department of Zoology, Tadong Government College
3. Dr. Sudeep Ghatani

Details of lab/equipment added during 2014-15:



Gradient Palm Cycler PCR Unit (Genetix)



Trinocular Microscope with camera attachment (Carl ZEISS)



Nano Drop UV-Vis Spectrophotometer (for DNA, RNA & Protein estimation) (PICOGENE)

## SCHOOL OF PHYSICAL SCIENCES

Name of the Dean : Dr. Subir Mukhopadhyay  
Telephone : 03592-251222  
Mobile : 09547605900  
Email : smukhopadhyay@cus.ac.in  
Number of Departments under this School : 5

### I. Department of Chemistry

Name of the In-charge : Dr. Somendra Nath Chakraborty  
Telephone : 03592-232067  
Mobile : 09434069506  
Email : snchakraborty@cus.ac.in  
Number of students enrolled during 2014-15 : M.Sc. 15; MPhil 2

#### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars
Dr. Sudarshan Tamang	Assistant Professor	07/03/2012 (On Study Leave)	
Dr. Somendra Nath Chakraborty	Assistant Professor	02-04-2012	1 MPhil 1MPhil (Awarded)
Dr. Biswajit Gopal Roy	Assistant Professor	23-04-2014	1 MPhil 1(MPhil Awarded)

#### Publications during 2014-15:

1. Ghosh, P., Roy B. G., Mukhopadhyay S. K., and Banerjee, P. (2015). Recognition of fluoride anion at low ppm level inside living cell and from fluorosis affected tooth and saliva samples. RSC Adv. 5: 27387-27392.
2. Banerjee, M., Chatterjee, A. Kumar, V., Bhutia, Z. T., Khandare, D. G., Majik M. S., and Roy, B.G. (2014). A simple and efficient mechanochemical route for the synthesis of 2-arylbenzothiazoles and substituted benzimidazoles. RSC Adv. 4: 39606-39611.
3. Bazracharza, A., Rana, M., Roy B. G., Tiwari, A., and Tripathi, A. (2014). Optical characterization of medicinal plant's extracts used for the treatment of diabetes. Journal of Herb. Spic. Med. Plant. 21: 86-101.

#### Seminars/Conferences/Workshops/Training attended:

1. Biswajit Roy participated in REACH-2015: An International Symposium on Recent Advances in Chemistry, organized by UGC-Centre for Advance Studies in Chemistry, Department of Chemistry, North-Eastern Hill University, Shillong, 3-5 March, 2015.
2. MPhil Scholar Samuzal Bhuyan presented a poster on First synthesis of Neosartolactone and its 7-methyl ester. at REACH-2015: An International Symposium on Recent Advances in Chemistry organized by UGC-Center for Advance Studies in Chemistry, Department of Chemistry, North-Eastern Hill University, Shillong, March 3-5, 2015.

#### Faculty wise details of Refresher Course/

### Orientation programme attended:

Somendra Nath Chakraborty attended the UGC-Orientation Programme at Jadavpur University, Kolkata 14<sup>th</sup> July to 9<sup>th</sup> August 2014.

Biwsajit Gopal Roy attended the UGC-Orientation Programme at UGC-Academic Staff College, Jadavpur University, Kolkata, February 2-28, 2015.

### Research Projects:

1. Biswajit Gopal Roy: "Stereoselective synthesis of novel nucleosides and study of their antiviral/anticancer activity", UGC Start up grant sanctioned in May 2015 for 2 years. Total grant: Rs. 6.0 lakhs.

### Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:

- Dr. Klaus Jurkschat from Technische

Universitat, Dresden, Germany, delivered a lecture on "Alkanol Amine Derivatives of Tin: How Demands from Industry Stimulate Academic Research (and vice versa)" on March 7, 2015.

### Outstanding achievements of the department during 2014-15, if any:

One of the M.Phil. Students (Pulakesh Das) went to Japan for PhD at Nagoya Institute of Technology.

### Guest Faculty:

1. Prof. Abhijit Roy
2. Dr. Suranjana Bose
3. Mr. Sajan Pradhan
4. Dr. Bandita Dutta
5. Dr. Sajal Kundu
6. Dr. Bhauk Sinha

## 2. Department of Computer Applications

Name of the In-charge : Mrs. Chunnu Khawas  
Telephone : 03592-2250249  
Email : ckhawas@cus.ac.in  
Students enrolled during 2014-15 :

Course	Semester	No. of Students
BCA-MCA (5)	I	25
BCA-MCA (5)	III	5
BCA-MCA (6)	V	6

### Faculty Profile :

Name	Designation	Date of Joining
Mrs. Chunnu Khawas	Assistant Professor	27/02/2012
Mr. Partha Pratim Ray	Assistant Professor	20/03/2012
Mrs. Rebika Rai	Assistant Professor	03/07/2012
Mrs. Lekhika Chettri	Assistant Professor	12/05/2014

### Publications during 2014-15:

1. Rai, R. (2014). IASC-CI: Improved Ant based

Swarm Computing for Classifying Imagery. International Journal of Computer Science and Information Technologies 5 (3): 4181-



4189. ISSN: 0975-9646.
2. Rai, R. (2014). 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 4 (3): 1251-1255. ISSN: 2277-128X.
  3. Rai, R. (2014). IAPSO-TCI: Improved ant and particle swarm based optimization techniques for classifying imagery. International Journal of Computer Science And Information Technologies 5(4): 5963-5969. ISSN: 0975-9646.
  4. Chettri, L. (2014). Visual cryptography scheme based on pixel expansion for black & white image. International Journal of Computer Science and Information Technologies 5 (3): 4190-4193.
  5. Sebastian S. and Ray, P. P. (2015). Development of IoT invasive architecture for complying with health of home. In: Proceedings of I3CS, Shillong, pp.79-83. IGI Global, Shillong.
  6. Sebastian S. and Ray, P. P. (2015). When soccer gets connected to internet. In: Proceedings of I3CS, Shillong, pp.84-88. IGI Global, Shillong.
  7. Ray, P. P. and Rai, R. (2014). 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 3(4): 1251-1255. ISSN: 2277-128X.
  8. Ray, P. P. (2014). Home health hub internet of things (h3iot): an architectural framework for monitoring health of elderly people. In: Proceedings of IEEE ICSEMR, Chennai, (Indexed in IEEE Explore).
  9. Ray, P. P. (2014). Internet of things based physical activity monitoring (pamiot): an architectural framework to monitor human

physical activity. In: Proceedings of CALCON (National Conference on Electrical, Electronics, and Computer Engineering, pp.32-34, Kolkata.

### **Seminars/Conferences/Workshops/Training attended:**

- Chunnu Khawas attended 3-day workshop on Mobile Networks: from Devices to Computing during 14-16 February 2015 organized by Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim in association with Advanced Computing and Microelectronics Unit, Indian Statistical Institute, Kolkata at Sikkim Manipal Institute of Technology, Majitar, Sikkim

### **Faculty wise details of Refresher Course/ Orientation programme attended:**

Chunnu Khawas attended the 21<sup>st</sup> UGC-sponsored Orientation Programme organized by Academic Staff College, University of North Bengal from 26<sup>th</sup> February to 25<sup>th</sup> March 2015 (28 days).

### **Seminar/Conferences/Workshop/Short Training/ Lectures/ Field visit etc. organized during the year:**

- Two-day Hands-on Workshop using LaTeX (TeX-2014) on 15-16 November, 2014 at Sikkim University.
- Five-day workshop on Autumn School on Artificial Intelligence and Applications (ASAIA) jointly with Indian Statistical Institute (ISI), Kolkata on 22-26 September, 2014 at Sikkim University.
- Five-day workshop on Theory and Tools for Language and Document Analysis and Research (TTL DAR) jointly with Indian Statistical Institute, Kolkata on 24-28 March 2014 at Sikkim University.

### **Guest/Adjunct Faculty:**

1. Dr. Nidhi Saxena
2. Dr. Krishna Murari

3. Dr. Shailendra Kumar
4. Dr. A Ravi Prakash
5. Anil Chettri
6. Dibya Thapa
7. Veer Mayank

member of IEEE Computer Society India Council EXECOM during 2014-2015.

- Special Support for Research to Partha Pratim Ray was granted by Intel India: received Intel Galileo Kits for research in Internet of Things worth Rs. 6.0 Lakhs (Approx.).

**Outstanding achievements of the department during 2014-15, if any:**

- Partha Pratim Ray has been nominated a

### 3. Department of Geology

Name of the In-charge : Dr. Rakesh Kumar Ranjan  
 Telephone : 03592-231151  
 Mobile : 08100420032  
 Email : rkranjan@cus.ac.in  
 Students enrolled during 2014-15 :

Number of student in semester wise (Undergraduate and Postgraduate)			
II Semester (UG)	IV Semester (UG)	VI Semester (UG)	VIII Semester (PG)
12	12	1	11

**Faculty Profile :**

Name	Designation	Date of joining
Dr. Rakesh Kumar Ranjan	Assistant Professor	05/07/2011
Dr. Nishchal Wanjari	Assistant Professor	30/04/2012
Dr. Md. Abdullah Khan	Assistant Professor	09/04/2012
Mr. Anand.G.Badekar	Assistant Professor	15/05/2014

**Seminars/Conferences/Workshops/Training attended:**

S.N.	Name	Details	Date
1	Dr. Rakesh Kr. Ranjan	Innovative Workshop on evaluation in Sikkim Public Service Commission, Gangtok	March 1-2, 2015
2.	Dr. Nishchal Wanjari	Innovative Workshop on evaluation in Sikkim Public Service Commission, Gangtok	March 1-2, 2015
3.	Dr. Nishchal Wanjari	ICSSR-sponsored Two-week “Capacity Building Workshop For Young Faculty In Social Sciences” Organized by Sikkim University, Gangtok.	August 25 to September 7, 2014

**Faculty wise details of Refresher Course/Orientation programme attended:**

S.N.	Name	Course	Institute	Duration
1	Nishchal Wanjari	A Course on Landslide Hazard Zonation and Disaster Management	GSI Training Institute, Shillong	24/03/14 to 30/03/14
2	Rakesh Kumar Ranjan	Orientation Course on Environmental Awareness	UGC-ASC, Patna University, Patna	02/08/14 to 29/08/14

## Research Projects:

1. Rakesh Kumar Ranjan, Co-PI, has on-going research project on “The Himalayan Cryosphere Science and Society-Inter-University Consortium”, funded by DST, GOI for 5 years from 2013. Total grants: Rs. 1.5445 Crore.



## Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year :

- Co-organized National Level Workshop on “Rocks & Minerals Identification and Geological Map Interpretation” with Department of Geography, Sikkim Government College, Sikkim, in April 2015.








Participants of Workshop at Department of Geology, Sikkim University

- During March 22, 2014 for 17 days, students carried out field work at different places in the Sikkim Darjeeling Himalayas.






Sl.No	Name of the equipment	Company/Brand	Photo
1	Total Station	NTS 372R & SOUTH	
2	Vernier Theodolite	Model Xplorer Transit Vernier	
3	Rock Cutting Machine	GEOSYN	
4	Section Grinding & Polishing Machine Double Disc	GEOSYN	
5	Trinocular Petrological Microscope with Image analysis facility	DM2700P LED, Leica	



Sl.No	Name of the equipment	Company/Brand	Photo
6	Workstation & Server	Dell Power Edge Tower Server HT4200	
7	Water and Soil Analyzer	U-53G, Horiba, Japan	
8	High Volume Aerosol Sampler	PM 2.5 sampler	
9	Planetary Ball Mill	PM 200, Retsch GmbH, Germany	
10	Ultrasonic Bath	Micro Clean 109 OSCAR	



Sl.No	Name of the equipment	Company/Brand	Photo
11	Digital Weighing Scale and Density Measurement	CPA26P Sartorius	
12	Sieve Shaker	ACM: 42306U ACMAS	
13	Stereomicroscope	S8APO Leica	
14	Precision Section Cutting Saw	Tech Cut-4 Mach Tools	
15	Low Volume Aerosols Collector	Omni FT	



### Adjunct Faculty:

1. Dr. Amitabh Bhattacharya, Department of Physics
2. Dr. Somendra Nath Chakraborty, Department of Chemistry

### 4. Department of Mathematics

Name of the Head : Dr. Thoudam Roshan Singh  
Mobile : 09862129880  
Email : trsingh@cus.ac.in  
Students enrolled during 2014-15 : PG-24

### Faculty Profile :

Name	Designation	Date of Joining
Dr. Thoudam Roshan Singh	Assistant Professor	05/05/2014
Ms. Rinkila Bhutia	Assistant Professor	06/05/2014

### Guest Faculty:

1. Prof. P.K. Sharma, Professor on Contract
2. Mr. Deepak Subedi
3. Dr. Moumita Paul

## 5. Department of Physics

Name of the Head : Dr. Subir Mukhopadhyay  
 Telephone : 03592-251222  
 Mobile : 09547605900  
 Email : smukhopadhyay@cus.ac.in  
 Students enrolled during 2014-15 : MSc 22, MPhil 2, PhD 6.

### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars during 2014-15
Dr Subir Mukhopadhyay	Associate Professor	27/02/2012	1 PhD
Dr. Amitabha Bhattacharyya	Associate Professor	30/03/2012	1 PhD
Dr. Archana Tiwari	Assistant Professor	11/09/ 2009	1 MPhil; 3 PhD
Dr. Ajay Tripathi	Assistant Professor	11/09/ 2009	1 MPhil; 4 PhD
Dr. Hemam Dinesh Singh	Assistant Professor	11/09/ 2009	1 PhD

### Publications during 2014-15:

1. Dhakal, D., Tiwari, A., Tambe S, Sinha, UK and Arrawatia ML (2014). 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):135-140.
2. Bazracharza, A., Rana. M, Roy, B., Tiwari, A. and Tripathi, A. (2015). Optical characterization of medicinal plants' extracts used for the treatment of diabetes. Journal of Herbs, Spices & Medicinal Plants 21(1): 86-101.
3. Tiwari, A., Tripathi, A. and Pathak, A.P. (2015). Swift heavy ion irradiation of muscovite and biotite substrates. Nuclear Inst. and Methods in Physics Research B 343: 9-14.
4. Mondal, T., Tripathi, A. and Tiwari, A. (2014). Magnetization reversal in transition metal doped [zno] nanoparticles. Physics Procedia 54: 90-94.
5. Mukherjee, C., Rakshit, R, Ghorai, Samir., Sarmah, A., Tiwari, A. and Roy, R.K. (2015). Inter-Ligand Azo (N=N) unit formation and thereafter stabilization of a co(ii)-diradical complex via metal-to-ligand  $d\pi-p\pi^*$  back donation: synthesis, characterization, and theoretical study. Dalton Trans. 44: 3724-3727.
6. Bhattacharyya, A. and Bhattacharji, S. (2014). Margin to metropolis: Lepchas of India and Igbos of Nigeria. Salesian Journal of Humanities and Social Sciences V (2): 32-42.
7. Bhattacharyya, A. (2015). King topocles and the mythical origin of modern physics. Journal of Advanced Studies: 42-48.
8. Bartolotti, L.J., Rai, D., Kulkarni, A.D., Gejji, S.P. and Pathak, R.K. (2014). Water clusters (H<sub>2</sub>O)<sub>n</sub> [n = 9-20] in external electric fields: exotic O-H stretching frequencies near breakdown. Computational and Theoretical Chemistry 1044: 66-73. (Impact factor: 1.36).
9. Bhattacharyya, A. (2015). C V Raman and the Physics behind Indian Percussion Instruments. In: Saptak (Ed. K. Dutta), pp. 9-24. Monfokira Publishers, Kolkata, ISBN

**Seminars/Conferences/Workshops/Training attended:**

1. A. Tiwari: "Temperature Dependent Raman Study of Gd@C82" at the International Conference on Frontiers of Spectroscopy, BHU, Varanasi India on 10-12 January 2015.
2. A. Tiwari: "Endohedral Fullerenes: Manipulating the doped ion towards quantum information processing" at the International Workshop on Frontiers of Spectroscopy, BHU, Varanasi India on 8-9 January, 2015.
3. A. Tiwari, V Saikiran, A. Tripathi, A. P Pathak, "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.
4. A. Tripathi, "Bose Einstein Condensation in Optical Dipole Trap", Emerging Trends in Science and Technology in Biratnagar, Nepal, March 22-23, 2014.
5. A. Bhattacharyya, "N-Heterocyclic Carbene and Pyridine Gold (I) Complexes" at the National Conference on Liquid Crystals, Vikramajit Singh Sanatan Dharm College, Chhatrapati Shahuji Maharaj University, Kanpur, November 10-12, 2014.
6. A. Pradhan and A. Bhattacharyya, "Questing Alternatives: A Study of Surface and Foam Properties of Eco-friendly Natural Surfactants". National Conference on Liquid Crystals, Vikramajit Singh Sanatan Dharm College, Chhatrapati Shahuji Maharaj University, Kanpur, November 10-12, 2014.

2. Tripathi, A. Application of statistics in social science research (Series of 2 lecture), at the 14-day Capacity Building Workshop for faculty in Social Sciences, Sikkim University, February 1-4, 2015.
3. Bhattacharyya, A. Dry and Wet: The Fascinating World of Foams, Indian Institute of Information Technology, Allahabad, November 13, 2014.

Assistant Professor (Faculty Recharge Programme of UGC): Dr. Dhurba Rai

**Invited lectures delivered:**

1. Tripathi, A. Ejection of magnetic field sensitive atoms from an optical dipole trap at the Institute of Physics, Bhubaneswar, on



## SCHOOL OF LANGUAGES AND LITERATURE

Name of the Dean : Prof. Irshad Gulam Ahmed  
Telephone : 03592-231551  
Mobile : 09434880912  
Email : igahmed@cus.ac.in  
Number of Departments under this School : 4

### I. Department of Chinese

Name of the In-charge : Dr. Dhriti Roy  
Telephone : 03592-231662  
Mobile : 09932861528  
Email : droy@cus.ac.in  
Students enrolled during 2014-15 : Under- Graduate 10; Post-Graduate 3.

#### Faculty Profile :

Name	Designation	Date of Joining
Dr. Dhriti Roy	Assistant Professor	27/02/2012
Shri Moromti Baroowa	Assistant Professor	29/04/2014

#### Publications during 2014-15:

1. Roy, D. (2014). Chinese humanist thought on state and society-is there something to learn from ancient Chinese philosophical writings for modern Governments. International Journal of Language and Linguistics 1(1):15-29. ISSN: 2374-8850.
2. Roy, D. (2014). Fifth century common era-reorienting Chinese Buddhist monastic tradition, redefining India-China buddhist monastic relations: a critical study. Working Paper Series, Emerging Scholar Papers <http://indiachinainstitute.org/wp-content/uploads/2014/04/New-York-Edited-Paper-Dhriti-Roy.pdf>), India China Institute, The New School, New York, pp. 1-16.

#### Research Projects:

1. Dhriti Roy: International Project: Encyclopedia of India China Cultural Contacts, Vol. 1&2 in the capacity of Research and Editorial Assistant. Jointly

funded by the Government of India and the Government of the People's Republic of China, published by the External Affairs Ministry of India. Encyclopedia of India-China Cultural Contacts, Vol 1&2, (Total grant: Rs. 75.0 lakhs) (Individual grant: Rs. 3.0 lakhs).

2. Dhriti Roy worked as Translator of Chinese Buddhist Sutras, title of the Project: 84,000: Translating the Words of the Buddha, a non profit global initiative, funded by the Non-Profit Organization called the Buddhist Literary Heritage, New York, USA. Duration: January 2014 to December 2015. No remuneration accepted.
3. Dhriti Roy: UGC-E-Pathshala for Chinese Grammar, Course III and Course VII, University Grants Commission. Total fund for the project is 50 lakhs, Individual allocation 3 Lakhs, Working on Course III (Grammar I) and Course VII (Grammar II), preparing 70 modules in all. Duration: July 2014 to August 2015.

## Seminars/Conference/Workshops attended:

1. Dhriti Roy presented a paper titled “Zhemengxiong as depicted in Qing Official Documents: Exploring Sikkim's Cultural and Commercial Ties with Tibet, in Light of Qing China's Perception of the Sub-Himalayan Region”, at an International Symposium on 100 Years After the Simla Conference, 1913-14, organized by the Institute of Chinese Studies (ICS), Delhi and the Institute of Advanced Study (IIAS), Shimla, June 6-7, 2014. She presented a paper titled “In Search of the Roots of the Pañcasheel: Redefining India China Diplomacy in the Wake of the Asian Century”, at an International Conference on India China Relations: Implications for Peace and Prosperity of Asia, organized by the UGC Centre for Southeast Asian and Pacific Studies, Sri Venkateswara University, Tirupati, Andhra Pradesh, October 11-13, 2014. She also presented a paper titled “Northeast India and Southwest China: Revisiting the Unexplored Domain of Historical Contact” at an International Conference on Reimagining India's Northeast: Narratives, Networks and Negotiations, at Jamia Millia Islamia, New Delhi, February 4-6, 2015.

## Orientation programme attended:

Dhriti Roy attended the four-week long 109<sup>th</sup> Orientation Programme at the UGC Academic Staff College of Jamia Millia Islamia, New Delhi, August 5-September 3, 2014.

## Invited Lecture delivered:

Prof. Alka Acharya, Director, Institute of Chinese Studies, New Delhi delivered a talk on “China-South Asia: Dimensions of an Enlarging Engagement”, Department of Chinese, Sikkim University, April 4, 2014.

## Outstanding Achievement of the Department (Awards):

Dhriti Roy was awarded the Best Paper Award for the paper “In Search of the Roots of the Pañcasheel: Redefining India-China Diplomacy in the Wake of the Asian Century” at the International Conference on India China Relations: Implications for Peace and Prosperity of Asia, organised by the UGC Centre for Southeast Asian and Pacific Studies, Sri Venkateswara University, Tirupati, Andhra Pradesh, October 11-13, 2014.

**Guest Faculty:** Dr. Panu Pazo, Ms. Snumit Targain and Shri Hu Silin

## 2. Department of English

Name of the Head	: Prof. Irshad Gulam Ahmed
Telephone	: 03592-231551
Mobile	: 09434880912
Email	: igahmed@cus.ac.in
Students enrolled during 2014-15	: MA 29, M.Phil 5, Ph.D 3

## Faculty Profile :

Name	Designation	Date of Joining	MPhil/ Ph.D Scholars during 2014-15
Dr. Irshad Gulam Ahmed	Professor	21/05/2014	2 PhD 1 MPhil
Dr. Jayita Sengupta	Associate Professor	04/06/2014	2 MPhil; 1 PhD
Dr. Ram Bhawan Yadav	Assistant Professor	28/04/2014	1 MPhil
Ms. Saswati Saha	Assistant Professor	08/05/2014	1 MPhil
Ms. Abrona Lee Pandi Aden	Assistant Professor	08/05/2014	

## **Publications during 2014-15:**

1. Sengupta, J. (2015). The Baul sursadhak: the tradition and individual Talent. *Journal of Literature and Art Studies* 5 (2): 151-157. David Publishing, USA. ISSN 2159-5836.
2. Yadav, R.B. (2014). Colonial historiography vs postcolonial historiography: history, myth and allegory in Shashi Tharoor's *The Great Indian Novel*. *Lapis Lazuli* 8 (2): 7-13. ISSN-2249-4529.

## **Seminars/Conferences/Workshops/Training attended:**

Jayita Sengupta presented a paper on the Ghazal and cultural memory at the National Conference organized by the Comparative Literature Department, Jadavpur University, Kolkata, March 5-6, 2014. She presented a paper on "Voicing Sikkimese identity: the outsider and insider's point of views" at the National Conference on Emergent Identities, Mizoram University, Aizwal, March 2015.

Ram Bhawan Yadav presented a paper titled "The Dialectics of Buddhism: A Subversive Discourse in Colonial and Postcolonial Parlance" at the Interdisciplinary International Seminar on Buddhism, Culture/Literature and the constitution of India, Department of English, Banaras Hindu University, Varanasi, December 20, 2014.

Saswati Saha presented a paper at the Two-Day National Seminar on "Memory and Cultural Translation: Poetry and Praxis" organized by the Department of English, Sikkim University on November 8-9, 2014. The title of her paper was "Translation as Cultural Assimilation: Studying the methodology and praxis of Rangalal's adaptation of Thomas Moore". She participated in the WALES-INDIA International Translation Winter School, 2015 organized jointly by the Centre of Advanced Study (CAS, Phase II) in Comparative Writing and Society Research Centre, University of Western Sydney Literature and the Centre for Translation of Indian Literatures, Jadavpur University, in collaboration with Aberystwyth University, UK, January 29-31, 2015. She also participated in the Australia-India

International Translation Winter School 2015 organized the Centre of Advanced Study, Department of Comparative Literature, and the Centre for Translation of Indian Literatures, Jadavpur University, in collaboration with Literary Commons, January 6-9, 2015.

Abrona Lee Pandi Aden read a paper entitled "Nepali Folk Songs: A Brief Introduction" at the Two-Day National Seminar on "Memory and Cultural Translation: Poetry and Praxis" organized by the Department of English, Sikkim University on 8-9 November 2014.

## **Invited Lecture delivered:**

### **Irshad Gulam Ahmed**

- Was invited by Balurghat College, University of Gour Banga to deliver the keynote address at the National Seminar on 'Literature and Marginality' on 1 March 2015.
- Was Convener for the National Seminar-cum-workshop on "Memory and Cultural Translation: Poetry and Praxis", 8-9 November, 2014, at the English Department, Sikkim University. Delivered the concept of the workshop and chaired the Valedictory Session.

### **Jayita Sengupta**

- Was invited as a resource person to deliver two Refresher Course lectures on "Travel Literature" at the English Department, Sambalpur University, November 14-24, 2014.
- Was invited to the Hyderabad Literary Festival to speak and chair a panel on "Translation and Publication", January 25, 2015.
- Was invited by the Centre for Cultural Studies at Rabindra Bharati University for delivering two lectures on post-colonial literatures and on cultural translation in January 2015.
- Was invited by the Sahitya Akademi for their

National Short Story Festival at Gangtok for a lecture on “Contemporary Literacy Trends in Bengali Fiction” and read her own short story and chaired a session, February 7-8, 2015

Saswati Saha

- Delivered a talk on “Does reception determine translation?: Seeing anuvad through the prism of graham” at the National Seminar on “Translation: Critical Theories & Critical Practices”, organized by the Centre for Applied Linguistics & Translation, University of Hyderabad in collaboration with the ICSSR New Delhi on April 20-21, 2014.

### Refresher Course/Orientation programme attended:

Saswati Saha attended the International Summer

School in Irish Studies, organized by the Institute of Irish Studies, Queen's University Belfast from 14<sup>th</sup> July- 8<sup>th</sup> August 2014.

### Outstanding achievements of the department during 2014-15:

- The Department of English brought out an anthology, Gender Perspectives: South Asian Writings in English and English Translation, edited by Basudeb Chakraborti and A.S. Chandel and published by Today and Tomorrow, New Delhi in 2014.
- Ms. Saswati Saha was awarded scholarship by the Institute of Collaborative Research in Humanities, Queen's University, Belfast to attend the Institute of Irish Studies International Summer School, July 14-August 8, 2014.

**Tutor:** Ms. Champa Chettri

### 3. Department of Hindi

Name of the In-Charge : Dinesh Shahu  
 Telephone : 03592-280776  
 Mobile : 07864878427  
 Email : dshahu@cus.ac.in  
 Number of students enrolled during 2014-15 : PG - 11

### Faculty Profile :

Name	Designation	Date of Joining
Mr. Dinesh Shahu	Assistant Professor	23/04/2014
Mrs. Chukey Bhutia	Assistant Professor	05/12/2014

**Publications during 2014-15:** 3 (by Guest Faculty members)

- Singh, A.V. (2014). Darshkon ke Jehan Me Hamesa Moujud Rahega. Samved 73- 75: 207-209.
- Singh, A.V. (2014). Apne Ji Me Hamne Thani Aur Hai. Arya Sandesh II: 78-80.
- Singh, A.V. (2015). Hey Wardi Hamen

Khsama kar Do. Samved 84: 109-111.

- Singh, A.V. (2015). Ek Mukammal Taamir. Shabdarth 10: 122 -123.
- Dviwedi, S.K. (2014). Stree Jivan Aur Divya. Anbhai Sanch 5: 84 -87.
- Prasad, B. (2014). Sahitya Aur Samaj: Analochit Paksh. Pravah 3: 10-11.



### Seminars/Conferences/Workshops/Training attended:

- Dinesh Shahu presented a paper titled “Purvottar Bharat Me Rajbhasha Hindi Ki Disha Evam Dasha” at a seminar on “Viswa Bhasha: Hindi” organised by Meghalaya Rashtrabhasha Prachar Samiti, Shillong, on January 10, 2015.
- Chukey Bhutia presented a paper titled “Sahityik Patrakarita: Mission Se Bazar Tak” at the national seminar on “Sahityik Patrkarikta-Badalte Pariprekshya” organized by NEHU, Shillong, on March 27-28, 2015.

### Invited lecture:

- Dinesh Shahu was invited to deliver a lecture in Hindi at the “Hindi Pakhwada” in MSME, Govt. of India, Tadong, Gangtok, September 30, 2014. He was also invited as a resource person to deliver lecture at the workshop titled “Sarkari Kamkaj me Sahaj Aur Saral Hindi” in ICAR, Tadong, Gangtok, March 28, 2015.

### Guest Faculty:

1. Prof. Biswanath Prasad (Professor on contract)
2. Dr. Aditya Vikram Singh
3. Dr. Shree Kant Dwivedi

## 4. Department of Nepali

Name of the Head	: Dr. Kabita Lama
Telephone	: 03592-251342
Mobile	: 09775841185
Email	: klama@cus.ac.in
Number of students enrolled during 2014-15	: PG- 37, MPhil- 10, PhD- 6

### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars, 2014-15
Prof. Pratap Chandra Pradhan	Professor	24/06/2012	2 MPhil, 2 PhD
Dr. Kabita Lama	Associate Professor	04/04/2012	2 MPhil, 2 PhD
Dr. Pushpa Sharma	Associate Professor	15/05/2014	2 MPhil, 2 PhD
Shri Samar Sinha	Assistant Professor	29.03.2012	2 MPhil
Shri Devchand Subba	Assistant Professor	12/04/2012	nil
Shri Balaram Pandey	Assistant Professor	1-05-2012	2 MPhil

### Publications during 2014-15:

1. Pradhan, P.C. (2014). Bhramar Upanyasko Kritiparak Vishleshan ra Mulyankan. Ekta Books Publication, Kathmandu.
2. Pradhan, P.C. (2014). Shodha Parak Samalochanako kasima: Darjeelingko Nepali jati: Euta Aitihasi Adhyan. In: Kumar Kriti (Ed. M.P. Subba), pp. 34-37. Mukti Prakashan, Siliguri. ISBN: 978-81-909354-1-8.
3. Pradhan, P.C. (2014). A Short History of English Writing in Nepali. In: Gender Perspectives: South Asian Writings in English and in English Translations (Ed. B. Chakraborti and A.S. Chandel), pp. 199-203. Today & Tomorrow, New Delhi. ISBN: 81 7019 498 9.

4. Pradhan, P.C. (2014). Aadhunik Bharateli Nepali Upanyas (Modern Indian Nepali Novels), Bharatiya Nepali Upanyas: Sankchhipta Rooprekha, Birpada: Nepali Department, Birpada College, pp. 20-21. ISBN 978 93 84671129.
5. Pradhan, P.C. (2014). Bharatiya Nepali Upanyas Parampara: Samchhipta Ruprekha. In: Aadhunik Bharateli Nepali Upanyas (Ed. D. K. Pradhan), pp. 8-21. Nepali Department, Birpara College. ISBN 978 93 84671129.
6. Lama, K. (2014). Banira Girika Kehi Kavita Paryavaraniya Narivad. In: Kritistamba (Ed. N. Prasai), pp. 29-45. Nai Prakashan, Kathmandu.
7. Lama, K. (2014). Kavi Kalusingh Ranapaheli Samaiko Galabandhibhitra. Ajambari, Darjeeling Govt. College, Darjeeling, pp. 319-323.
8. Lama, K. (2014). Nepali Diaspora ra Bhanubaktiya Ramayan. In: Bhanubaktika Kriti: Dwishatakiya Drishti (Ed. G. Nepal), pp. 103-128. Nepali Sahitya Sansthan, Kalimpong. ISBN-978-81-926641-56.
9. Sharma, P. (2014). Nari swatantrata ra utthan. In: Anantadristi (Ed. D.K. Giri), pp. 100-105. Milap Publication Pvt. Lt., Kathmandu. ISBN-978-9937-2-6403-7.
10. Pandey, B., Sinha, S. and Majhi, I.P. (2014). Sikkim Majhi Bhasa: Parichayatamak Adhyayan. Nepali Akademi Journal 10 (10): 62-70. ISSN 2321-144x.
11. Subba, D. (2014). Sahitya Sanket. In: Nepali Varnamala (Ed. K. Chhetri), pp. 56-66. Sahitya Adhyayan Samiti, Kalimpong. ISSN 22778-2761.
12. Subba, D. (2014). Kumar Pradhanka Addhyayan dritima Bhanu Bhaktako Ramayan. In: Kumar Kirti (Ed. M. Thakuri et al.), pp. 93-98. Mukti Prakasan, Siliguri. ISBN- 978-81-909354-1-8.

13. Subba, D. (2014). Bhanubhaktako Ramayanma Privesh Dharmdarshan. In: Bhanu Bhaktika Kriti Duisatiya Driti (Ed. G.S. Nepal), pp. 52-59. Nepali Sahitya Sansthan, Siliguri. ISSN 978-81-926641-5-6.
14. Pandey, B. (2014). Kiratka Kathaharuko Shilpa. In: Kirat Abhinandan Grantha (Ed. P. Gurung), pp. 69-75. Shyam Brothers Prakashan, Darjeeling.
15. Pandey, B. (2014). Sanchar Madhyam ra Bhasaka Kura. In: Abhivyakti (Ed. A. Piyusha et al.) pp. 36-46. Sikkim Patrakar Sangha, Gangtok. ISBN 978-81-923764-7-1.

#### **Publications of students (MPhil, PhD):**

1. Niraj Rai (2014). Pines camellias hami ra ma. Ajambari, Darjeeling Govt. College, pp. 182-184.
2. Sabita Tamang (2014). Kabita Bimarsha, "Sadhan ko Majherima Matoko Basna". In: Kavitasanghraka Kavitarahuma Rashtriya Chetna (Ed. N. Poudhel), pp. 79-82. Arun Prakashan, Guwahati.
3. Suman Bantawa (2015). Shahityakar B.K Shresta Smriti Grantha. In: Srestiya Samalochanama Tulnatmak Shahityako Avadharana (Ed. K. Pradhan), pp. 60-66. Saru Devi Shresta, Nagari farm, Darjeeling.
4. Suman Bantawa (2015). Pawan Chamlingko Antahin Sapana Mero Vipanamama Vastuprayog. In: Nirman (Ed. B. Bangdel), pp. 56-62. Nirman Prakashan, Gangtok, Sikkim.
5. Suman Bantawa (2015). Bindhu, Bindhu Samalochana Visheshanka. In: Jiwan Namdungkrit Baishak: Ek Vastubisleshan (Ed. K.B. Nepali), pp. 134-151. Maya Nepali, Lamding.

#### **Invited lectures delivered:**

##### **P.C. Pradhan**

- Keynote on Nepali Children Literature at Nepali Sahitya Parishad Conference Hall

jointly organized by Sahitya Akademi, New Delhi and Sikkim Academy, Gangtok, Sikkim, on September 28, 2014.

- Delivered a talk on Literature, Tradition and Culture of Newars at a seminar organized by Sikkim Newar Guthi, Gangtok, May 10, 2014.

Kabita Lama delivered a lecture on “Sanu Lama Niyatrakarka Rupma” organised by Sikkim Academy at Manan Bhavan, Gangtok, September 21, 2014.

### **Seminars/Conferences/Workshops/Training attended:**

Kabita Lama presented a paper on “Nepalma Nepali Nari Sahitya: Samishatmat Adhyayan” at the International Women Conference organised by Trimurti Niketan, Kathmandu, Nepal, May 29-31, 2014. She also presented a paper on “Nepali Balkavita: Ek Shihavalokan” at the National Seminar organised by Sahitya Akademi, New Delhi in collaboration with Nepali Sahitya Parishad at Nepali Sahitya Parishad Bhavan, Gangtok, on September 28, 2014.

Pushpa Sharma presented a paper on “Sikkimma Nepali Bhasa ra Sahitya ko Bikas” at the seminar on “Nepali Bhasa ra Sahitya Sangosti”, Mahendraratna Campus, Illam, Nepal, July 18, 2014. She also presented a paper on “Bharatiya Nepali Nari Shrastrka rachana haru” at the International Women Conference organised by Trimurti Niketan, Kathmandu, Nepal, May 29-31, 2014

Samar Sinha attended the Linguistics Summer School in Indian Mountains, organised by Fossil, New Delhi, May 24-June 6, 2014. He presented a paper on “Don't lose sight of the forest for the trees: Language vitality and other adventures in the Darjeeling-Sikkim Himalayas” at the conference on “Revitalising Endangered Languages: Objectives, Issues, and Strategies”, Jawaharlal Nehru University, New Delhi, December 8, 2014. He attended the workshop on “Introduction to Optimality Theory”, Jawaharlal Nehru University, New Delhi, December 11, 2014. He also attended the workshop on “Child Phonological Acquisition”, Jawaharlal Nehru University, New Delhi, December 12, 2014.

Balaram Pandey attended the Finalization & Vetting Workshop to prepare a Camera Ready Copy (CRC) of the Nepali translation of An Introduction to the Study of the Indian History by D.D. Koshambi, National Translation Mission, Central Institute of Indian Languages, Mysore, February 9-13, 2015.

### **Refresher Course/Orientation programme attended**

Samar Sinha attended the UGC-Academic Staff College, Jawaharlal Nehru University, New Delhi, January 27-February 20, 2015.

### **Other Activities of the Department during 2014-15:**

Publication of Wall Magazine “Pravartan” by the Students of Nepali Department on October 14, 2014.



## SCHOOL OF HUMAN SCIENCES

Name of the Dean : Prof. Sameera Maiti,  
Telephone : 03592-251221  
Mobile : 08337800269  
Email : smaiti@cus.ac.in  
Number of Departments  
under this School : 3

### 1. Department of Anthropology

Name of the Head : Dr. K.R.Rama Mohan  
Telephone : 03592-231121  
Mobile : 0960988878  
Email : krrmohan@cus.ac.in  
Number of students enrolled  
during 2014-15 : PG- II

#### Faculty Profile :

Name	Designation	Date of Joining
Prof. Sameera Maiti	Professor	30/06/2014
Dr. K.R. Rama Mohan	Associate Professor	05/05/2014
Dr. Maibam Samson Singh	Assistant Professor	24/04/2014
Dr. Charisma K. Lepcha	Assistant Professor	28/04/2014

#### Publications during 2014-15:

1. Maiti, S. (2014). A tough road ahead - intimate partner violence (IPV) during pregnancy: a study of rural Uttar Pradesh (India). Sociological Bulletin 63(3): 386-406.
2. Wouters, J.J.P. (2014). Performing democracy in Nagaland: past politics and present politics. Economic and Political Weekly XLIX (16): 59-66.
3. Wouters, J.J.P. (2014). Book Review: Gellner, D.N. (ed.) Borderland Lives in Northern South Asia. Journal of the Anthropological Society of Oxford, New Series, VII (1): 223-226.
4. Wouters, J.J.P. (2015). Land and Tribal Ambivalences. In: Challenges of Land Development. Kohima (Ed. Takatemjen), pp. 72-85. Clark Centre of Peace Research and

Action, Kohima.

#### Seminars/Conferences/Workshops/Training attended:

K.R. Rama Mohan presented a paper titled 'Systemic Form of Exclusion Vs Orthodoxy and Radicalism: Perspectives of Ambedkar and Gandhi on Caste system' at the National Seminar on Untouchability and the Caste Question: Interrogating the Gandhi-Ambedkar Debate organised by the Department of History, Sikkim University along with ICHR and ICSSR (NERC), September 25-26, 2014. He also presented a paper titled 'Internal Migration among the Scheduled Tribes in Search of Livelihoods: A Case Study of Visakhapatnam District' at the National Conference on "New Paradigms in Anthropology" organised by Department of Anthropology and Anthropological Survey of India at North Bengal University, March 19-20, 2015.



Maibam Samson Singh presented paper titled “Obesity and socioeconomic disparities among the Meitei Women of Manipur, North-East India” at the National Seminar on the New Arenas of Biological Anthropology organized by Department of Anthropology, North-Eastern Hill University, Shillong, November 19-21, 2014.

Charisma K. Lepcha presented paper titled “Verrier Elwin and Visual Anthropology in North East India” at the National Seminar on Verrier Elwin: Contributions to Contemporary Anthropology & Ethnology organized by Sanskriti –North Eastern Institute of Culture and Religion, Guwahati, November 15-16, 2014. She participated in the workshop on Museums, Indigenous People and Living Heritage. Organized by Indian Museum in collaboration with Don Bosco Museum, Shillong, February 18-21, 2015. She presented paper titled “Scottish Mission in Kalimpong and the changing dynamics of Lepcha society” at the International Conference on Transcultural Encounters in the Himalayan Borderlands: Kalimpong as a 'Contact Zone, Kalimpong, March 6-8, 2015. She, along with Dr. Samson Singh, took III Semester students for their fieldwork training to Saidu, Meghalaya from January 18 to February 9, 2015. Video can be found on youtube <https://www.youtube.com/watch?v=0QNoeANHESM>.

#### **Invited lectures delivered:**

Sameera Maiti delivered two lectures on “Interview and questionnaire as techniques of primary data collection” and “Case study and Case History as methods of primary data collection” at the ICSSR sponsored two-week capacity building workshop for

young faculty in social sciences held between 25<sup>th</sup> August to 7<sup>th</sup> September 2014 by the Department of Peace and Conflict Studies and Management, Sikkim University.

K.R. Rama Mohan delivered two lectures on “Multi methodological Approach in Social Science Research and Ethnographic Method: Strengths and Limitations at the ICSSR sponsored two-week capacity building workshop for young faculty in social sciences held between 25<sup>th</sup> August to 7<sup>th</sup> September 2014 by the Department of Peace and Conflict Studies and Management, Sikkim University.

Jelle P. Wouters gave a talk on 'Vernacular Democracy and the Idea and Idiom of Political Representation in Nagaland, Northeast India' at the Modern South Asia Seminar, University of Leiden, The Netherlands, December 1, 2014. He also spoke on 'Vernacular Democracy in Nagaland' at the Department of Ethnology, School of Oriental and Asian Studies, Eberhard-Karls University (Germany), November 20, 2014.

#### **Refresher Course/Orientation programme attended:**

Charisma Lepcha attended the UGC-Orientation Programme held at Academic Staff College, Mizoram University, Aizawl from November 18 to December 15, 2014.

#### **Guest Faculty:**

1. Mr. Jelle J. P. Wouters
2. Ms. Abigail Lalnuneng



**Details of lab/equipment added during the year:**

Name of instruments	Item type	Quantity
Anthropometer (Aluminium)	(Aluminium) GPM swiss type	3
Weighing machine (manual)	100-150 kg capacity	5
Sliding caliper	Martin type (range:0-200mm)	3
Sliding calliper digital	Vernier type(range: 0-250 mm)	5
Spreading caliper	Martin type(range: 0-300 mm)	3
Skin fold caliper (Harpenden)	Holtain type galaxy make	4
Goniometer (attachable)		4
Stationary Goniometer		4
Tubular Craniophore		2
Cubic Craniophore		2
Diagraph		2
Horizontal Needle		2
Mandibulometer		1
Palatometer		1
Osteometric board	Martin Type	1
Diaptograph	Martin type	2
Articulated skeleton	Imported	2
Disarticulated skeleton	Imported	3
Sahlis's Haemometer		5
Mercury Sphygmomanometer(diamond)	Diamond type	4
Stethoscope (diamond)	Diamond type	4
Centrifuge machine with 5000 rpm	SPINWIN MC-00 (TARSONS)	1
Centrifuge machine with 5000 rpm	Model-R-8C (REMI)	1
Rotor (for 15 ml centrifuge tube)	REMI	1
Centrifuge machine with 13000 rpm	Model-RM-12C (REMI)	1
Rotor (for 1.5 ml centrifuge tube)	REMI	1
Rotor (for 2 ml centrifuge tube)	REMI	1
Water bath		1
Laboratory water purification system		1
Vortex mixture	Spinix Vortex	1
Magnetic stirrer with hot plate	Spinot Digital Magnetic Stirrer	1
Autoclave (Vertical ) Double Wall		1
Submarine Gel Electrophoresis	Medi	1
Microwave	Microwave Oven 2005 ETB	1
Refrigerator: -20°C with stabilizer	Capacity 170 L(REMI)	1
Analytical balance, digital		1

## 2. Department of Geography

Name of the In-Charge : Dr. Rafiul Ahmed  
 Telephone : 03592-251137  
 Mobile : 08967604061  
 Email : rahmed@cus.ac.in  
 Number of students enrolled during 2014-15 : PG: 27; MPhil: 7; PhD: 5.

### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars during 2014-15
Dr. Sohel Firdos	Associate Professor	26/07/2010	3 MPhil
Dr. Rafiul Ahmed	Assistant Professor	26/06/2010	4 MPhil
Dr. Uttam Lal	Assistant Professor	26/06/2010	5 MPhil
Dr. Vimal Khawas	Assistant Professor	29/05/2013	2 MPhil
Dr. Elangbam Ishwarjit Singh	Assistant Professor	1/03/2012	4 MPhil
Dr. Abdul Hannan	Assistant Professor	18/06/2013	3 MPhil

### Publications during 2014-15:

1. Firdos, S. (2014). Book Review of Churning the earth: the making of global India. *Millennial Asia* 5 (1): 119-121.
2. Firdos, S. (2014). Changing Land Ownership Patterns and its Impact on Social Relations in Sikkim. In: *Land Records Management in India: A Plea for Reforms* (Eds. A.A.A. Faizi and H.C. Behera), pp. 205-213. Concept publishing Company, New Delhi.
3. Ahmed, R. (2014). Anxiety, violence and the postcolonial state: understanding the anti-Bangladeshi rage in Assam. *Perceptions: Journal of International Affairs* 29 (1): 55-70.
4. Ahmed, R. (2014). Assam's D-Voters. *Himal*, May 26, <http://himalmag.com/assams-d-voters/>
5. Hannan, A. (2014). Public-private partnership in elementary education and the process of social inclusion in Sikkim. In: *Right to Education: Challenges and Strategies* (Eds. M. Sarumathy and Gyanmudra), pp. 70-77. National Institute of Rural Development and Panchayati Raj, Hyderabad.
6. Khawas, V. (2014). Indigenous knowledge in use of disaster risk reduction: a case of Sikkim Himalaya. In: *Proceedings of the International Conference on Pathways to climate resilient livelihoods in the Himalayan River Basins* (Eds. Nair, A. and P. K. Sing et al), pp. 32-33. IRMA, Anand, Gujarat.

### Publications by MPhil/PhD students:

1. Islam, N., Ali, Babar, Dharanirajan, K. (2015). Flood hazard assessment in Murshidabad district of West Bengal using GIS technique. *International Journal of Research in Social Sciences* 5(2): 265-282.
2. Mishra, M., Barik B., Singh, A., Timsina, Kausila, Bhutia, K.D.O. and Bala Sundareshwaran, A. (2014). Vulnerability and adaptive capacity of rural household to changing climate in Sikkim Himalaya. *Asian Journal of Research in Social Sciences and*

Humanities 4(2):257-271.

3. Timsina, Kausila (2014). Prospects of conflict and cooperation in energy trade: a reflection on India-Bhutan cooperation in hydropower development. SAARC Journal of Human Resource Development 10 (1):73-81.
4. Rai, Basanti (2014). Conservation and management of water resources in Sikkim Himalaya: a case study of Duga, East Sikkim. In: Management of Natural Resources: Challenges and Opportunities (Eds. V. P. Satit et al.), pp. 108-114. Excel India Publisher, New Delhi.
5. Singh, A. and Laskar, R. (2014). Provisioning of municipal services in Gangtok: water and garbage management. In: Management of Natural Resources for Sustainable Development (Ed. V.P. Sati et. al.), pp. 92-99. Excel India Publication, New Delhi.

### **Seminars/Conferences/Workshops/Training attended:**

Rafiul Ahmed, presented 'The Idea of "River" as a Civilizational Resource in South Asia: Unsettling the Territorialized Political Imaginations of "Citizenship" and "Migration" at the 56<sup>th</sup> Annual Convention of International Studies Association (ISA), New Orleans, U.S.A., February 18-21, 2015.

Sohel Firdos presented a paper titled 'Gender differences in the Occupational structure of Sikkim: Causes and Consequences' at the National Seminar on Gender Implications of Tribal Customary Laws, organized by North Eastern Social Research Centre, Cotton College State University and Tata Institute of Social Sciences, Guwahati, March 20-21, 2015. He presented a paper titled 'Exploring Land Relations, Customary Laws and Development in the context of Sikkim at the National Workshop on Codification of Land Related Customary Laws in the Northeastern States: Challenges and Prospects, organised by Lal Bahadur Shastri National Academy of Administration, Guwahati, February 19-20, 2015. He presented a paper titled 'Transformative Geographical Research for Global Change' at the

National Symposium on Re-orienting Teaching and Research in Geography at the University Level, organised by the Department of Geography, Savitribai Phule Pune University, Pune, December 26-28, 2014. He presented a paper titled 'Environmental Change and Urban Vulnerability in Eastern Himalayas' at the National Seminar on Population, Urbanisation and changing State of Environment, organised by the Department of Geography, Birpara College, Birpara, Jalpaiguri, West Bengal, September 11-12, 2014.

Abdul Hannan presented a paper titled 'Livelihood, Labour Market and Prospects for Entrepreneurship and Skill Development: A case of Small-Scale Tea Cultivation and STGs of North-East India' at the National Seminar on Youth and Skill Development in North-East India, organised by ICSSR-North Eastern Regional Centre, Shillong, ICSSR-NERC Complex, NEHU Campus, Shillong, March 26-27, 2015.

Vimal Khawas presented a paper titled 'Development of Hydropower in the Tista Basin' at the International Workshop PaniSatsang- From Conflict to Cooperation: Hydropower Development in the Tamor and Tista Basins of the Eastern Himalayas, organised by Sikkim University and Wageningen University, Kalimpong Park Hotel, Kalimpong, GTA, December 23, 2014.

Uttam Lal spoke on Cross-border interactions to ensnared identity of the Yak herders of Sikkim at the International Workshop on Border Studies: Living between the Rolling Hills & the High Himalayas: Understanding the border and spaces in north-East India organized by the Association of Borderlands Studies, Karelian Institute, University of Eastern Finland, Finland - Institute of Chinese Studies, New Delhi ICS-ABS Border Studies India Workshop, Guwahati, March 2, 2015. He spoke on 'Suturing Fragmented Geographies through Fragmented Land Route at the 3<sup>rd</sup> Interdisciplinary Symposium on India-China at the India-China Institute, New School, New York, USA on April 14, 2014.

### **Participation of MPhil/PhD students:**

Amrita Singh presented a paper on 'Growing Cities and Increasing Disaster: A Case Study of 18<sup>th</sup> Sept. 2011

Earthquake' at the International Conference on Development, Biodiversity and Climate Change: Issues and Challenges, Chamba Climate Meet, October 3-5, 2014. She also presented a paper on 'People's Perception on Development of Water Resources in Sikkim: An Observation about Hydro-Power Project Construction' at the 36th Indian National Congress, NAGI, University of Rajasthan, Jaipur, November 17-19, 2014.

Bipul Chhetri presented a paper titled 'Mountain Society: Issues of increasing vulnerability and livelihood adaptation in Lachung Valley, North Sikkim' at the International Conference on Environmental Changes and Challenges: Local, Regional and Global Perspective, organised by Gauhati University, Guwahati, February 25-28, 2015. He presented a paper on 'MGNREGA in context of tribal Livelihood in Tea Estates of Duars (West Bengal)' at the National Interdisciplinary Seminar on Rural Empowerment in India: Efforts, Achievements and Constraints, organised by Rhenock Govt. College, Rhenock, Sikkim, November 15, 2014. He presented a paper on 'Growing Urbanization and Changing environment in Gangtok, East Sikkim' at the National Seminar on Population, Urbanization and Changing State of Environment, organised by Birpara College, Birpara, September 11-12, 2014. He and Vimal Khawas presented a paper on 'Dams and Development in Sikkim: The Hidden Reality' at the International conference on Development, Biodiversity and Climate Change: Issues and Challenges, Chamba, Himachal Pradesh, October 3-5, 2014.

Basanti Rai presented a paper titled 'Understanding physical dimension of natural springs in draught prone area of Sikkim Himalaya' at the International conference on Development, Biodiversity and Climate Change: Issues and Challenges, Chamba, Himachal Pradesh, 3 -5 October 2014. She presented a paper titled 'Agricultural transition in Sikkim Himalaya: Opportunities and Challenges' at the 36<sup>th</sup> Indian Geographical Congress, Jaipur, Rajasthan, 17-19 November 2014. She along with Pribat and Manorama Thapa presented a paper titled 'Traditional Prediction and Mitigation Measure in Reducing Landslides Disaster in Darjeeling Himalaya', at the

ICSSR sponsored National Seminar on Re-Imagining Human-Nature Relationship: Focusing North Bengal, organised by Department of Political Science, Salesian College, Siliguri, 21-22 November 2014. She along with Privat Rai and Vimal Khawas presented a paper titled 'Issues of Displacement and Rehabilitation- a case study of Pakyong Airport project in Sikkim at the UGC sponsored National Seminar on Population, Urbanisation and Changing State of Environment, organised by Department of Geography, Birpara college, West Bengal in collaboration with Siliguri Geo-Environmental Welfare Society, 11-12 September 2014 and 'Earthquake Disaster and Vernacular Construction- a case study of Traditional Building Technology in Mitigating the impact of 2011 Earthquake Disaster in Sikkim Himalaya' at the International Conference on Development, Biodiversity and Climate Change: Issues and Challenges, organised by Govt. Post Graduate College, Chamba, Himachal Pradesh, October 3-5, 2014.

Deepak Sharma and Karma Loday Tamang presented a paper titled 'Population Growth and Changing land use pattern in Gangtok Town' at the 36<sup>th</sup> IIG Meet and International Seminar on Environmental Changes and Challenges: Local, Regional and Global Perspectives, organised by Department of Geography, Gauhati University, Assam, 25-28 February, 2015. He presented a paper titled 'Rural Development in Sikkim Himalaya: Constraints and Challenges, at the National Interdisciplinary Seminar on Rural Empowerment in India: Efforts, Achievements and Constraints in Sikkim, Rhenock on 14-15 November 2014. He and Karma Loday Tamang presented a paper titled 'Importance of Life Skill Education for Young Adolescents in India', at the National Seminar on Life Skill Education: Challenges and Prospects organised by Harkamaya College of Education, Gangtok, 31 July 2014.

Manorama Thapa and Pribat Rai presented a paper titled 'Pharmaceutical Industries and their impact on Environment in Sikkim Himalaya', at the 36<sup>th</sup> Indian Geographers' Meet and International Seminar on Environment Changes and Challenges: Local, Regional and Global Perspectives, organised by Department of Geography, Gauhati University,

Assam, February 25-28, 2015. Manorama Thapa and Sangeeta Bala, 'Investigating the Growth of Slums in Sikkim and its associated problems', at the UGC sponsored National Seminar on Population, Urbanisation and Changing State of Environment, organised by Department of Geography, Birpara college, West Bengal in collaboration with Siliguri Geo-Environmental Welfare Society, 11-12 September, 2014.

Kausila Timsina presented a paper titled 'Land Degradation and Socio-Environmental Consequences of Hydropower Development in the Punatshangchhu River Basin: A Case study of Uma Village in Bhutan' at the 17<sup>th</sup> Annual Sustainable Development Conference, Islamabad, Pakistan, December 10-14, 2014.

### **Invited lectures delivered:**

Rafiul Ahmed participated as a panel discussant in the Roundtable entitled Making Migration Legible: Alternatives to the Sovereignty of Typologies at the 56<sup>th</sup> Annual Convention of International Studies Association (ISA), New Orleans, U.S.A, February 18-21, 2015. He also participated in the Business Meeting of the project Making Migration Legible at the Five College Area, Massachusetts, USA, October 20-November 12, 2014.

Sohel Firdos delivered special lecture on 'Reporting about Research: Ways to draw attention of NAAC' at a National Workshop on New Methodologies for NAAC Evaluation: Problems and Possibilities, South Field College, Darjeeling, March 14, 2015.

Vimal Khawas delivered a lecture on 'Media Ethics and Management during Disasters' at the Training Programme on Disaster Management for the Nodal Officers and other senior officers of the Government of Sikkim, organized by Account and Administrative Training Institute, Department of Personnel, Administrative Reforms and Training, Government of Sikkim, Gangtok, May 29, 2014. He also delivered lecture on 'Nature Problems: Landslides, Earthquake and Extreme Weather Phenomenon', at Training on Understanding Climate and Weather for the teachers and resource persons at school levels, organized by the Sikkim State Council of Science and Technology,

Government of Sikkim, Gangtok, May 28, 2014

Abdul Hannan talked on 'Agenda Note on behalf of Sikkim University as Nodal Officer at the National Consultative Workshop on Assessment of Research and Training Needs in North Eastern Region organised by Centre for North-East, V.V. Giri National Labour Institute NOIDA at Ministry of Labour and Employment, Shram Shakti Bhawan, New Delhi, July 30, 2014.

### **Refresher Course/Orientation programme attended:**

Vimal Khawas attended the UGC-Refresher Course on Disaster Management at Academic Staff College, North Bengal University, Siliguri from November 5 to December 25, 2014. He also attended the UGC-Orientation Programme on Management of Diversity and Equity in University and Colleges organised by the Department of Educational Administration, NUEPA, New Delhi on March 16-20, 2015.

Abdul Hannan attended the 2<sup>nd</sup> UGC-Refresher Course on Development Studies at ASC, University of Burdwan from August 7-27, 2014.

Uttam Lal attended the UGC-Refresher Course in Global Studies at UGC-ASC at the JNU, New Delhi from January 27 to February 20, 2015.

### **Research Projects:**

Vimal Khawas:

1. On-going project on "Application of Traditional Knowledge for Disaster Risk Reduction in the Himalayas: A case of Darjeeling and Sikkim Himalayas", started from April 1, 2013 – March 31, 2016 funded by University Grants Commission.
2. As Co-Investigator, on-going project on "Hydropower development in the context of climate change: Exploring conflicts and fostering cooperation across scales and boundaries in the Eastern Himalayas", started from January 2014–December 2017 funded by Netherlands Organisation for Scientific Research (NWO) and WOTRO



Science for Global Development.

Uttam Lal

On-going project on “The Himalayan Cryosphere: Science & Society”, funded by DST, New Delhi; Project Period: 2013-2017.

**Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

Vimal Khawas coordinated the International Workshop on Pani Satsang- from Conflict to Cooperation: Hydropower Development in Teesta and Tamor Basins of the Eastern Himalayas,

organised by Sikkim University and Wageningen University in association with Nepal Water Conservation Foundation, Nepal Engineering College and North Bengal University, The Park Hotel, Kalimpong, December 23, 2014.

Uttam Lal undertook the ICSSR, New Delhi & CASS, Beijing sponsored field study on 'Sino-India Cross border Interactions: Prospects & Challenges' under Exchange of Scholars within India-China Cultural Exchange Programme (CEP) from December 16, 2014 to January 13, 2015.

**Details of lab/equipment added during the year:** DGPS, Automatic Digital Current Meter and Digital SLR.

### 3. Psychology

Name of the Head : Dr. Nutankumar S. Thingujam  
Telephone : 03592-280774  
Mobile : 08145145250  
Email : nstthingujam@cus.ac.in  
Number of students enrolled during 2014-15 :

Semester	Number (currently on roll)
BA/BSc II	19
MA/MSc II	8
MPhil and PhD	4

#### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD scholars during 2014-15
Dr. Nutankumar S. Thingujam	Associate Professor	21/03/2012	1 PhD
Dr. Satyananda Panda	Assistant Professor	30/07/2009	1 MPhil; 1 Ph.D
Saurabh Maheshwari	Assistant Professor	23/05/2014	1 MPhil

#### Publications during 2014-15:

1. Walke, S. and Thingujam, N. S. (2014). Emotional intelligence deficits in deaf and hard of hearing adolescents. Indian Journal of Applied Psychology 51: 27-33.

#### Conferences and Seminars attended:

- Chettri, A., and Thingujam, N. S. “Indian Adaptation of Authentic and Hubristic Pride Scale: Preliminary data”. Paper presented at the XXIV Annual Convention of National Academy of Psychology (NAOP), Bhopal,

December 12-14, 2014.

- Maheshwari S. and Mukherjee T. “The Relationship between Social Cynicism and Social Comparison: The Moderating Effect of Demographic Variables”. XXIV Annual conference of National Academy of Psychology India. Bhopal, December 12-14, 2014.
- S. Panda presented a paper entitled “Post-traumatic Stress Disorder – Issues and psychotherapeutic management” at the ICSSR assisted National Seminar on “Life Skills Education: Challenges and Prospects” held at Harkamaya College of Education, 6<sup>th</sup> Mile, Gangtok, Sikkim, July 30-31, 2014. He presented a paper entitled “A study of social intelligence among 9<sup>th</sup> standard school students” on 13<sup>th</sup> Dec. 2014 at the XXIV National Academy of Psychology Convention (NAOP) organized by IIFM, Bhopal from December 13-14, 2014 (Co-presenter: Anjana Prusty). He presented a paper entitled “A study of the occupational stress level among government school teachers in Sikkim” on 14<sup>th</sup> Dec. 2014 at the XXIV National Academy of Psychology Convention (NAOP) organized by IIFM, Bhopal on December 13-14, 2014 (Co-presenter: Tika Maya Chettri). He presented a paper titled “Stress related disorders: Issues and strategies for psychotherapeutic intervention” at the ICSSR New Delhi, ICSSR-NERC sponsored National Seminar on Issues of Mental Health Education organized by Department of Education,

North-Eastern Hill University, Shillong, February 26-27, 2015.

#### **Invited lectures delivered:**

Dr. N. S. Thingujam delivered a lecture on Emotional Intelligence at Department of Psychology, Savitribai Phule Pune University on January 30, 2014.

#### **Refresher Course/Orientation programme attended:**

S. Panda participated in the UGC-sponsored Refresher Course in Punjab University, Chandigarh, March 21 to April 10, 2014.

#### **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

Dr. Tuhina Mukherjee, Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur conducted a half-day workshop on March 31, 2015 at Department of Psychology, SU, Gangtok.

#### **Guest faculty:**

- Ms. Tseyang Palzom
- Ms. Sinche Lingzerpa
- Ms. Alisha Chettri (Tutor)

#### **Outstanding achievements of the department during 2014-15, if any:**

Ms. Suman Pradhan (BSc Sem VI) has been selected by Tata Consultancy Services (TCS), Kolkata.

## SCHOOL OF PROFESSIONAL STUDIES

Name of the Head : Dr. A. N. Shankar  
Telephone : 03592-2313224  
Mobile : 09434510004  
Email : anshankar@cus.ac.in  
Number of Departments  
under this School : 6

### I. Commerce

Name of the Head : Dr. A. N. Shankar  
Telephone : 03592-2313224  
Mobile : 09434510004  
Email : anshankar@cus.ac.in  
Number of students enrolled  
during 2014-15 : PG 25, PhD 2

### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars during 2014-15
Dr. A. N. Shankar	Associate Professor	09/03/2012	1 PhD
Dr. S. S. Mahapatra	Associate Professor	15/05/2014	1 PhD
Shri Bivek Tamang	Assistant Professor	30/04/2012	
Shri Rakesh Basnet	Assistant Professor	05/05/2014	
Shri B. Muthu Pandian	Assistant Professor	15/05/2014	
Dr. Ravi Shekhar Vishal	Assistant Professor	23/12/2014	

### Publications during 2014-15:

- Shankar, A.N. (2015). Longitudinal appraisal of financial inclusion parameters for North-East India. In: Development of North-East India Multidimensional Perspective Volume 1 (Ed. R.P. Vadhera), pp. 1-16. Manglam Publishers and Distributors India, Delhi. ISBN 978-93-82816-20-1.

### Seminars/Conferences/Workshops attended:

B. Muthu Pandian attended the Two-Day Hands-on Workshop using LaTeX [TeX-2014] organised by Department of Computer Applications, Sikkim University, Gangtok, November 15-16, 2014.

### Invited lectures delivered:

B. Muthu Pandian delivered an invited talk on

“Computer Applications in Business” at Department of Commerce, Pondicherry University, Karaikal Campus, on February 6, 2015.

### Faculty wise details of Refresher Course/Orientation programme attended:

Bivek Tamang attended the UGC-sponsored Orientation Programme at ASC, NEHU, Shillong, February 9-March 8, 2015.

### Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:

- Dr. Raghuram G Rajan, Governor of RBI delivered a lecture on “Economic Development and Financial Sector Reforms”

Jointly organized by Department of Commerce, Management, and Economics on March 27, 2015.

- Prof. Stuart M. Locke of Finance University of Waikato, New Zealand delivered a lecture on “Research Methodology” on September

15-16, 2014.

- Sri M. Misra, General Manager, RBI, Gangtok Branch delivered a lecture on “Role of RBI and Financial Markets” on September 8, 2014.

## 2. Department of Education

Name of the In-Charge : Dr. Anju Verma  
 Telephone : 03592-280239  
 Mobile : 080016 05914  
 Email : averma@cus.ac.in  
 Number of students enrolled during 2014-15 : PG: 23

### Faculty Profile :

Name	Designation	Date of Joining
Dr. Anju Verma	Assistant Professor	28-04-2014
Dr. Subhash Misra	Assistant Professor	28-04-2014
Dr. Vimal Kishor	Assistant Professor	30-04-2014

### Publications during 2014-15:

1. Misra, S. and Kapoor, P. (2014). Professional orientation for creating human resources excellence in teacher education. In: Prospects and Issues Concerning Education at Secondary Level (Ed. N.S.C.Momin and J.V. Madhusudan), pp. 378-398. Manas Publishers and Distributors, Jaipur. ISBN 978-81-921743-8-9.
2. Kishor, V. and Bhadwal, S. P. (2014). Innovating education: promoting edutainment through films as teaching aid. Contemporary Research in India 4 (2): 16-19. ISSN: 2231-2137.
3. Kishor, V. (2014). Parental encouragement. Research Journal of Humanities and Social Sciences 5 (2): 176-179. ISSN: 0975-6795.
4. Kishor, V. and Walia, J. (2014). Role of guidance and counselling services in schools for universalisation of elementary education.

Indian Journal of Humanities 4 (3): 82-85. ISSN: 2248-9541.

5. Kishor, V. (2014). Academic achievement of high school students having differential levels of reasoning ability. Shaikshiki-An International Journal of Educational Research 1(1): 20-27. ISSN: 2394-191X.
6. Kishor, V. (2015). Youth and politics. In: Youth Development in India-Voice for the Youth, Voice of the Youth (Ed. D. Sarmah), pp. 19-25. Shanti Educational Foundation, Guwahati. ISBN: 978-93-83580-42-2.

### Seminars/Conferences/Workshops/Training attended:

- Anju Verma presented a paper titled “Effective communication: Teacher to improve student's communicative skill” at the ICSSR-assisted National Seminar on Life Skill Education: Challenges & Prospects

Effectives organised by Harkamaya College of Education, Gangtok, sponsored by Indian Council of Social Science and Research, July 30-31, 2014.

- Subhash Misra presented a paper titled “Life Skill Education: Issues and Challenges” in ICSSR-assisted National Seminar on Life Skill Education: Challenges & Prospects Effectives held on July 30-31, 2014 organized by Harkamaya College of Education, Gangtok.
- Vimal Kishor attended the National Seminar on 'Life Skills Education: Challenges and Prospects' and presented a paper on “Application of Life Skills: Helping Students to Develop a Perfect Fit” held at Harkamaya College of Education, Tadong, Gangtok, Sikkim and sponsored by Indian Council of Social Science and Research (ICSSR), July 30-31, 2014.
- Vimal Kishor attended an International Conference on 'Quality of Higher Education in Indian and Global Context' and presented a paper on “Competency-Based Teacher Education: Step towards Quality Education” organized by North-Eastern Hill University,

Shillong and sponsored by North Eastern Council, the Indian Council of Social Science Research, Shillong and North-Eastern Hill University, March 18-19, 2015.

#### **Invited lectures delivered:**

Subhash Misra delivered a lecture as Resource Person titled “Changing Paradigm of Classroom Pedagogy” at the Two-day National Level Workshop on “Capacity Building Programme for Secondary School Teachers” held on November 28-29, 2014, organized by Vinay Bhavana, Department of Education, Visva-Bharti University, Shantiniketan. He delivered invited lecture at Eram Girls Degree College, Lucknow on “Philosophical Perspective of Education” on January 30, 2015. He delivered invited lecture at Buddhidhar Degree College, Babaganj, Paratapgarh on “Role of ICT in Developing Professional Skills of Teachers” on February 2, 2015.

#### **Faculty wise details of Refresher Course/ Orientation programme attended:**

Subhash Misra attended the UGC-Orientation Programme from 1 January to 28 January 2015 conducted by Academic Staff College, University of Lucknow, Lucknow.

### **3. Department of Management**

Name of the Head	: Dr. V. Rama Devi
Mobile	: 09000453743
Email	: vrdevi@cus.ac.in
Number of students enrolled during 2014-15	: PG 23

#### **Faculty Profile :**

Name	Designation	Date of Joining
Dr. V. Rama Devi	Associate Professor	6/5/2014
Dr. Shailendra Kumar	Assistant Professor	9/3/2012
Dr. Pradip Kumar Das	Assistant Professor	23/3/2012
Dr. A.Ravi Prakash	Assistant Professor	1/5/2014
Dr. Krishna Murari	Assistant Professor	12/5/2014



## **Publications during 2014-15:**

1. Rama Devi, V. (2015). Service quality gap – a literature review, *SS International Journal of Economics and Management. International Journal of Research in Organizational Behavior and Human Resource Management* 5(2):11-18.
2. Rama Devi, V. (2014). Human resource development climate in healthcare and banking sector. *Middle East Journal of Scientific Research* 21(7):1055-1060.
3. Rama Devi, V. (2014). Impact of technology on employee engagement – detrimental or beneficial? *Pacific Business Review International* 7(4):10-12.
4. Rama Devi, V. (2014). Empirical study on demographic correlates of emotional intelligence of engineering students. *Prabandhan: Indian Journal of Management* 7(12):33-44.
5. Rama Devi, V. (2014). Impact of knowledge management on organizational performance in higher educational institutions. *Scholars Journal of Economics, Business and Management* 1(9): 400-403.
6. Das, P.K. (2015). Information system in enhancing managerial competencies: an organisational perspective, *JCSE International Journal of Computer Sciences and Engineering* 3(1):136-140.
7. Das, P.K. (2014). Referencing system in writing: Asia style. *Journal of International Academic Research for Multidisciplinary* 2(2):301-304.
8. Das, P. K. (2014). Problems and prospects of tourism industry in Sikkim. *The Journal of Social Science Researcher* 5 (3): 32-43.
9. Das, P.K. (2015). *Industrial Relations – an Indian Perspective*. Kunal Books, New Delhi, ISBN: 978-93-82420-73-6.
10. Murari, K. (2015). Exchange rate volatility

estimation using GARCH models, with special reference to Indian Rupee against world currencies. *IUP Journal of Applied Finance* 21(1):22-37.

11. Murari, K. and Kumari, P. (2015). Contract farming in Indian perspective: a necessity for sustainable rural development/sustainable agriculture in 21st century: strategic approaches & practices. In: *Sustainable Agriculture in 21st century: Strategic Approaches & Practices*. (Eds. N. H. Zaidi and M. M. Khan), pp. 49-59. Regal Publication, New Delhi. ISBN: 978-81-8484-408-5.

## **Seminars/Conferences/Workshops attended:**

Pradip Kumar Das presented a paper titled “Culture and its influence on Critical Thinking in Higher Education” at the National Conference on Life Skills Education – Challenges and Prospects organized by Harkamaya College of Education, Gangtok, July 30-32, 2014.

## **Invited lectures delivered:**

V. Rama Devi delivered a lecture as a Key note speaker at the National Seminar on “Emerging Trends and Issues in Management” organized by North Bengal University on 4-5<sup>th</sup> December 2014.

## **Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:**

- Special Lecture by Governor, RBI, Dr. Raghuram G. Rajan on March 27, 2015 in collaboration with Department of Commerce and Department of Economics, Sikkim University, Gangtok.
- Organized Industrial Visit for MBA I semester students and BBA V semester students to NHPC Teesta V on October 16, 2014. 30 students attended Industrial Visit and got an exposure to the power generation process, organization structure and managerial aspects of functioning of the

organization.

- Organized Industrial Visit for MBA III semester students to Temi Tea Processing Unit on October 21, 2014 and the students

got an opportunity to see tea plantation, understand tea processing and managerial aspects of the tea estate.



Glimpses of Industrial Visit to NHPC Teesta V



Glimpses of Industrial Visit to Temi Tea Processing Unit

Details of lab/equipment added during the year:

Lab was established with 20 computers.

Guest Faculty: Mr. Anil Khati

#### 4. Department of Mass Communication

Name of the Head : Dr. Silajit Guha  
 Telephone : 03592-280337  
 Mobile : 09434376282  
 Email : sguha@cus.ac.in  
 Number of students enrolled during 2014-15 : MA 10; MPhil 3; PhD 2.

#### Faculty Profile :

Name	Designation	Date of Joining	MPhil/PhD Scholars during 2014-15
Dr. Silajit Guha	Associate Professor	29/05/2014	3 MPhil; 2 PhD
Shri Manoj Kumar Das	Assistant Professor	25/06/2010	4 MPhil (Awarded)
Ms Jasmine Yimchunger	Assistant Professor	26/03/2012	
Ms. Niharika Buragohain	Assistant Professor	12/06/2014	

Publications during 2014-15:

- Basnett. P. and Guha. S. (2014). Kanchenjunga and Sikkim Press: How media

started its Practice in Sikkim. IOSR Journal of Humanities and Social Science 19 (10): 20-24.

- Buragohain, N. (2014). A Glimpse of media of North East India. In: Journalism and Media Industry of North East India (Ed. Z. U. Alam), pp. 1-19. Eastern Book House, Guwahati. ISBN no: 978-93-83252-31-2.

#### Invited lectures delivered:

Silajit Guha delivered an invited lecture, “Science Reporting: Some Implicit Concerns” at the National Workshop on Science Communication, held at Agartala Press Club, Tripura, March 9, 2015.

#### Conferences And Seminars Attended:

Aaron E. Lepcha (IV<sup>th</sup> Sem) along with Amit Khawas

and Lopsang D. Lama presented a documentary-cum-paper titled “Chu Rum Faat: Worship of the Mountain Deities” at the International Conference on Cultural Heritage of Sikkim, organized by Sikkim University in collaboration with IGRMS, Bhopal at Gangtok, April 25-27, 2015.

#### Guest Faculty:

Ms. Asha Kiran  
Dr. Ashes K. Nayak  
Ms. Cherrila Wangchuk Bhutia

## 5. Department of Music

Name of the In-Charge : Shri Jayanta Kumar Barman  
Telephone : 03592-232225  
Mobile : 08013217155  
Email : jkbarman@cus.ac.in  
Number of students enrolled during 2014-15 : Under-graduate 9

#### Faculty Profile :

Name	Designation	Date of Joining
Shri Jayanta Kumar Barman	Assistant Professor	27.02.2012
Dr. Krishnendu Dutta	Assistant Professor	14.05.2012
Ms. Samidha Vedabala	Assistant Professor	02.03.2012
Shri Santosh kumar	Assistant Professor	28.04.2014

#### Seminar/Conferences/Workshop/Short Training/ Lectures/ Field visit etc. organised during the year:

Organised one workshop on “Indian Classical Music” on August 25, 2014.

#### Guest faculty:

- Bijay Subba
- Suditya Sapkota
- Nanda Kishore Das

#### Outstanding achievements of the department during 2014-15:

The students and teachers of the department were invited for recording “Folk Songs of Sikkim” by Doordarshan Kendra, Gangtok on 26<sup>th</sup> May 2015.

## 6. Department of Tourism

Name of the In-Charge	: Dr Dillip Das
Telephone	: 03592-231318
Mobile	: 09002753602
Email	: apwangmo@cus.ac.in
Number of students enrolled during 2014-15	: Post-graduate 23; DTSI 3

### Faculty Profile :

Name	Designation	Date of Joining
Ms. Ashi P Wangmo	Assistant Professor	01-05-2014
Shri Jigme Wangchuk Bhutia	Assistant Professor	05-5-2014
Dr. S.N. Biswas	Assistant Professor	27-5-2014

### Invited lectures delivered:

- Everest mountaineer Kunzang Gyatso delivered a lecture on “Adventure tourism in Sikkim with special reference to mountaineering” on August 19, 2014.
- Chef. Ranjit Kumar (Executive Chef, Hotel Radisson Blue, Rudrapur, Uttaranchal.) delivered a lecture on “Introduction to the hospitality industry” on August 21, 2014.
- Dr. Sarat Kumar Lenka (Nodal Officer, IITTM, Eastern Regional Centre, Bhubaneswar), delivered a lecture on “Homestay” on 30<sup>th</sup> October 2014.
- Prof. Sampad Kumar Swain (Professor, Dean & Head, Department of Tourism, Indira Gandhi National Tribal University, Amarkantak, M.P.), delivered a lecture on “Tourism industry in India: Issues and challenges” October 30, 2014.
- Dr. Sarad Kumar Lenka, IITTM, Eastern Regional Centre, Bhubaneswar), delivered a lecture on “Wetland tourism in India with reference to Chilka Lake” on November 3, 2014.

### Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organised during the year:

- Field Study to Dzungri, 12th to 19th

November 2014: The students of fourth semester of MA Tourism Management embarked on a field trip to Dzungri, West Sikkim from 12th to 19th November 2014. The objective of the trip was to acquaint the students with the prospects of adventure tourism in Sikkim, and to carry out a survey of tourists flow to the place. They were also given training on High Altitude Survival, Camp Management, Bird Watching, and Search and Rescue by the experts. The trip was escorted by Mr. Jigme W. Bhutia, Assistant Professor. The students also carried out a cleanliness drive at the places visited, and submitted a detailed report to the department after the successful completion of the tour.

- Participation in Tinjurey Eco-Tourism Festival, 21st to 29th March 2015: The students of second and fourth semester MA Tourism Management participated in the Tinjurey Eco-tourism Festival which was organised by Forest, Environment and Wildlife Management Department, Government of Sikkim, on 21<sup>st</sup>- 29<sup>th</sup> March 2015. They actively took part in the activities during the festival. They also conducted an elaborate survey of foreign tourists coming to Sikkim during the festival. The students were awarded certificates for their participation by the organisers.



# CENTRAL SERVICES



## Central Library

Name of the Librarian : Prof. A. S. Chandel (officiating)  
Telephone : 03592-251060  
E-mail : librarian@cus.ac.in, aschandel@cus.ac.in

### About the Library

The Central Library started growing since February 2008 in rented premises having floor area of about 1000 sq. ft. Presently, it occupies more than 9000 sq. ft. capable of accommodating about 70,000 books. The mandate to strengthen the collection and improve the services is one of the important agendas of the university. It provides web-enabled accessibility to its resources within the campus as well as outside. Online Public Catalogue is up-to-date and is web-enabled. Whole collection is RFID tagged to facilitate users to be independent in returning and issue of books. The entire library premises is Wi-Fi enabled with good speed of connectivity. It has introduced self-check-out and check-in system of circulation of books, with online reservation and renewal of books facilities. For security purpose, all the floors of the library are fitted with CCTV with electronic exit gate which prevents any unauthorized document to be taken from the library.

### Collection Initiatives

At present, the library has more than 42,000 books and subscribes to 240 journals in addition to the e-resources available under UGC consortium. The library also has a small collection of 1178 Braille books. 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

subscribes to IndiaStat database, Economic Outlook (CMIE) and DelCON (database of Department of Biotechnology, Library Consortium). Library also has been getting free trial access to various e-books and other e-resources from time to time for evaluation and to assess the usability of these resources. Library added 5659 books during 2014-15.

### Special Collection and Donated Books

Prof A.C. Sinha, former Professor of Sociology, North-Eastern Hill University, Shillong and Prof. Mahendra P. Lama former VC of this University have donated theses and books respectively to the library earlier. This year a good number of printed and e-books have been donated by the present Vice-Chancellor Prof. T. B. Subba. Similar efforts are being made to enrich the collection from other donors. Library received 317 books as gratis from various sources, including the Institute of Chinese Studies, New Delhi. Library has also developed special collection on North East India which will be further strengthened during the years to come.

### Opening of the Departmental Libraries

Since departments are located distantly from one another as well as from the Central Library, therefore the need to establish departmental libraries was felt. The University already has a science library to serve science faculty and students that are located at one



place. About 12 departmental libraries were opened during the year, some more will be opened during 2015-16 so that textbook collections are easily available to the students at departmental level.

## Services

During the beginning of the academic session of 2014-15, orientation programme was organized for all the students of the University which was attended by new and old students including some faculty members. The main course contents of the programme were – how to make best use of library and internet resources, what are the different search strategies being followed by search engines, publishers and others producers of the information products, to identify and introduce e-resources to each department according to their needs. New on-line service – Current Contents of Journals' on DSpace platform was initiated to promote the usage of journals being subscribed by the library. All issues of the journals available in the library are being digitized for archival as well as future use. Library signages were developed during the year to make library self-explanatory and user friendly.

## Institutional Repository

Library started digitization work after acquiring all equipment and developing all the requisite

infrastructure facilities. It plans to develop Institutional Repository with all institutional publications, archival of open access e-books, administrative documents and other resources useful to the University. The creation of databases on Eastern Himalayas and North East will be the priority areas.

Library has an annual budget of Rs. 2 cr. for the purchase of books and subscription of journals out of which about Rs. 1,88,00,000 were utilized.

### Prof. A. S.Chandel, Librarian

- i) Published two papers and co-edited a book with Prof Basudeb Chakraborti entitled Gender Perspectives: South Asian Writings in English and English Translations (Sikkim University Publication, 2014).
- ii) Was nominated by ICSSR to evaluate capacity building programmes sponsored by ICSSR.
- iii) Attended meetings as Advisory Board Member of the National Library, Kolkata.
- iv) Taught course on Library Science to the post-graduate students of Department of Horticulture.

### Office of the Dean of Students' Welfare

Name of DSW	: Dr. Dhani Raj Chhetri
Telephone	: 03592-231198
Mobile	: 09434368399
E-mail	: drchhetri@cus.ac.in

To conduct admissions in all the 29 Departments and 78 academic programmes is the most important task of the office of the Dean of Students' Welfare (DSW). The enrolment of students increased from 350 in 2012 to 822 in 2014. In order to practice and propagate social justice and equal opportunity among the students, the University provided and recommended the students for different types of scholarships and fellowships. Thus a sizable number of students who are financially weak but exhibited good academic

performance could pursue their studies unhindered. Different financial assistance extended to the students were: freeships, half freeships, merit cum means scholarship etc. This year (2014-2015), from amongst the economically backward but meritorious UG/PG students, a total of 24 were selected for fellowships (@Rs.3000/month), 23 for full freeships and 34 for half-freeships. In addition, 63 M.Phil students and 46 Ph.D students from among those who were not in receipt of any other fellowship were

provided with UGC Non-NET fellowship. In all these cases, the DSW played the role of a facilitator. The rest of the MPhil/PhD students got any of the other fellowships like Rajiv Gandhi Fellowship, ICSSR Fellowship, DST Fellowship or Maulana Azad Fellowship.

Participation of students in different seminars, conferences, symposia and workshops are some of the ways to enhance the skill of the students, to give them exposure and to help them to develop network for research collaboration. The office of the DSW encouraged such activities and supervised the

management of funds for the same. It is felt that as part of social responsibility, it is essential that the students are aware of the society in their immediate neighborhood. To facilitate such commitments, the office of the DSW selected students for survey work, fieldwork, and extension-oriented activities and also provided assistance for visiting different Central and State Government organizations. The Dean of Students' Welfare office also envisages undertaking programmes for motivation and career counselling of students.

### Administration Department

Name of the Registrar	: Shri T.K.Kaul
Telephone	: 03592-251403/ 251076
Fax No	: 03592-251865
Email	: registrar@cus.ac.in

In absence of campus, departments and other facilities of the University are being run from several hired buildings spread over approx 17 kms along the National Highway No.10. Administration has thus unique challenges to deal with on every day basis. With its small but dedicated group of officers and staff, the administration department has been able to achieve the following during financial year 2015:

- Construction of Boundary Wall of the permanent campus at Yangang, South Sikkim is going on for which agreement has been signed with Building & Housing Department, Govt. of Sikkim. 2<sup>nd</sup> installment of 30% of the total estimated cost of Rs. 12.48 crores amounting to approx Rs. 3.75 crores have been released to Building & Housing Department on 26<sup>th</sup> Sept. 2014 on completion of 35% Boundary Wall. By the end of year 2014-15 construction up to 65% of the boundary wall had been completed.
- On 6<sup>th</sup> January 2015 agreement was signed with M/s Mukesh & Associates, Consultants & Engineers, Salem, Tamil Nadu for preparing architectural and allied design of the permanent campus of Sikkim University.

Architect was selected through elaborate process of global tendering.

- University developed new website and dedicated e-mail system. E-mail system was inaugurated on 4<sup>th</sup> June 2014 by the Vice-Chancellor in presence of Deans, HoDs, In-Charge(s), Faculty members and Staff.
- Recruitment and Promotion Rules for all category of non-teaching staff were prepared and approved by the Executive Council in its 21<sup>st</sup> meeting held on 15<sup>th</sup> November 2014.
- Online module for receipt of applications for teaching and non-teaching positions with the help of M/s H.T. Media Ltd. was developed and put to use.
- University has been issued Green IT Certificate by HP for its Green initiative with regard to used cartridges for scientific recycling.
- For implementation of official language policy, University decided to issue all Notifications, Office Orders, Circulars, and Office Memorandums in both Hindi and

English. This policy is being followed rigorously.

- Awareness programme on Fire Safety by expert team from Fire Department, Govt. of

Sikkim was held on 6<sup>th</sup> January 2015. All security guards as well as employees were trained in use.

### Examination Department

Name of Controller of Examination : Dr. Debasish Chowdhury  
Telephone : 03592 251540  
Mobile : 09474023606  
Email : coe@cus.ac.in

The University declared results of various programmes and courses within 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% students got promoted to immediate next semester or cleared the examinations successfully.

#### Change in Evaluation Pattern:

A 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 the colleges, it is 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.

### Department of Finance

Name of Finance Officer : CA. Pramod Kumar Singh  
Telephone : 03592-251396  
Fax No. : 03592-251880  
E-mail : 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 at present an additional sum of Rs. 785 crore has been asked from UGC/MHRD. During 2014-15 the amount of General Development Assistance received from the central government through the University Grants Commission was Rs.18 crore. Internal receipts and interest earned

accounted for Rs. 5.19 crore. Altogether 20 number of research projects involving an aggregate grant of Rs. 440 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.

During the year 2014-15, the Institute of Chartered Accountant of India has granted an endowment of Rs.125000 to the University for the Awards of Gold medals for the topper in B.Com (H) Examination of Sikkim University. The University introduced a comprehensive Stipend and Free ship Scheme under which meritorious students belonging to economically and socially disadvantaged sections were awarded financial benefits. This was in addition to fellowship for MPhil and PhD scholars for which there was an outgo of fund for Rs.126.31 lakhs during 2014-15.

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., soil testing, land survey etc. has 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 soon. Expenditure on campus development aggregated to Rs. 445.03 lakhs during 2014-15.

The University acquired laboratory assets worth Rs. 1221.52 lakhs during 2014-15 which includes Rs. 220.34 lakhs on procurement of Library Resources. 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 2014-15, being presented as 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 2014-15 was prepared in that format.

Accounts of the University for the Year 2013-14 were duly audited by the statutory auditors and their report together with the accounts were placed on the table of both Houses of the Parliament. There was no adverse comment on these reports.

## HINDI CELL

Being a Centrally funded institution, Sikkim University is committed to the progressive use of Hindi in its official work as well as to popularize it among staff members and students of the University. To realize its objective in this direction, the University established Hindi Cell in April 2012. Mr. Shailesh Shukla is the Hindi Officer. He is supported by Ms. Jutika Goswami, Hindi Translator, and Mrs. Dipika Subba, Hindi Typist.

### Major functions of the Cell

Apart from preparing Hindi versions of Annual Reports and Annual Accounts, the Cell helps the administration to 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 an 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

The Hindi Cell organized Hindi Pakhawara – 2014 from 8<sup>th</sup> to 25<sup>th</sup> September 2014. Various language and literature based competitions were held for teachers, officers, employees and students of the University.

### 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 Pragma conducted by the Hindi



Teaching Scheme, Department of Official Languages, Ministry of Home Affairs, Government of India. This year a total of 23 candidates were enrolled for different courses.

### Invited Lectures

Shailesh Shukla

- Delivered a lecture on 'Rajbhasha Hindi and its implementation' as resource person at the ICAR Tadong, Gangtok on 25th August 2014.
- Delivered a lecture on 'How to promote use of Official language Hindi in Official work' as resource person at the National Research Centre for Orchid, ICAR Pakyong, East Sikkim on 9th September 2014.
- Delivered a lecture on 'Relevance of Hindi Day Celebration' as resource person at Doordarshan, Gangtok in opening session of Hindi fortnight 2015 celebration.
- Delivered a lecture on 'Rajbhasha Hindi ke prachar evam prasar ke vyavharik samasya' as resource person at the ICAR Tadong, Gangtok on 30th December 2014.
- Delivered a lecture on 'Science writing in Hindi' as resource person at the ICAR Tadong, Gangtok on 12th March 2015.



### INTERNAL QUALITY ASSURANCE CELL (IQAC)

First Internal Quality Assurance Cell (IQAC) was established in Sikkim University in 2012. The first IQAC developed the format for self-appraisal form



and started collecting information regarding academic activities of faculty members on fortnightly basis. In 2013 second IQAC was constituted as per guidelines of UGC. The Vice-Chancellor is the chairperson of IQAC and Dr. Subir Mukhopadhyay is the Coordinator.

### Activities and Achievements:

- **Self-Appraisal Report:** The IQAC developed format for self-appraisal report for faculty members to collect information regarding their academic activities. It has been proposed to collect similar data twice a year. This exercise is yet to restart. It has also been proposed that reports may be collected electronically using googlesheet through the email account of the respective faculty members.
- **Application format for Promotion through CAS:** The IQAC has developed the format for applications of faculty members for promotion under Career Advancement Scheme. The format aims at assigning substantial weightage to efficiency, quality and innovations as well as incorporation of modern methods in teaching-learning processes.
- **Intra-Institutional workshops:** The IQAC has conducted two workshops. One for the University faculty members and another for the faculty members from affiliated colleges. Primary objective of these workshops was to make faculty members aware about scope of improvement of their performances and incorporation of innovative methods in their academic activities.
- **Format for Student Feedbacks:** As an important component of the process of collecting responses from stakeholders,



IQAC has developed student feedback form for the students. The format of the feedback covers quality related issues regarding teaching-learning processes as well as adequacy and allocation of support structure and services. Feedbacks are collected from the students in every semester.

- **Institutional Database:** The IQAC has initiated collection of information regarding academic activities of various Departments in order to prepare an institutional database and to assess the quality of performances of academic activities. One primary objective is to develop quality benchmarks and parameters for academic activities as well as identify areas that require improvement. In order to assess performance of the University from a global perspective this information was submitted to C-fore survey conducted by Education World, a ranking agency. The University was listed within the top 200 universities of India by this agency.

### WOMEN'S CELL

The Women's Cell of the University had the following members:

- (a) Dr. Kabita Lama, Chairperson.
- (b) Mrs. Rebika Rai, Member Secretary.
- (c) Dr. Dhani Raj Chhetri, DSW, Ex Officio member.
- (d) Dr. Bimala Singh, Member
- (e) Dr. Ruma Kundu, Member
- (f) Ms. Preeti Sharma, Student's representative, Member
- (g) Ms. Kriti Ghatani, Student's representative, Member
- (h) Mrs. Kalpana Rana, Member
- (i) Ms. Rinku Tamang, Member
- (j) Dr. Doma Bhutia, Legal Expert, Member
- (k) Mrs. Chandra Kala Cintury, Social Worker, Member
- (l) Mrs. Sarda Rani, Social Worker, Member

The Cell organised the National Seminar on "Combating Crimes against Women" on June 7, 2014

at Sikkim Govt. College Auditorium, Tadong. The Cell has now been reconstituted as Internal Complaints Committee Cell.

### SAMADHAN

#### Introduction

Student life is always symbolized as the most exciting part of one's life. Often people romanticize student life and describe it as the most exciting part of their life, which is true. Life in the university is full of so much of happenings, like exams, social gatherings, class presentations, performance pressure, competition, field trips, relationships and much more. Everyone has right to make best out of his/her student life and make it pleasantly memorable. This can be done by achieving and maintaining physical and mental health and creating a fine balance in life.

In order to help the students in their aspiring journeys, Sikkim University is offering the facility of Counselling and Psychotherapy since October 2014 for the benefit of students, teachers, staff and their family members. The counselling service is looked after by the teachers specializing in clinical psychology as well as teachers having vast experience of providing counselling. This service helps students to overcome their personal, academic and social problems and to flourish in life. The teachers are also engaged in dealing with problems associated with stress and health, interpersonal strains or resolving internal dilemmas and difficulties, ageing, substance abuse, disability, behavioural problems, neuropsychological assessment and rehabilitation, etc.

#### Objectives:

- To facilitate personal, academic, and social growth of students.
- To assist the students in better understanding of their individual problems and potentials.
- To help the students enhance their positive decision-making abilities.
- To equip the students with skills to face the challenges in life.

#### Assessment and Counseling Services

A wide range of assessment and counseling services is being provided both at individual and group levels.

The dealt problems are:

- Anxiety related to tests/exams
- Anxiety related to parents/siblings back home
- Lack of motivation to study
- Difficulty in relating to others/class-mates/room-mates
- Underachievement in tests/exams
- Peer-group pressures for smoking/drinking/other substances
- Adjustment problems
- Temperamental problems
- Relationship problems
- Homesickness
- Feelings of sadness/loneliness
- Problem of concentration
- Career anxiety
- Habit problems (over/under eating, alcoholism, substance abuse, etc.)
- Low self-confidence
- Low self-esteem
- Sleep disturbance (sleeping too much or too little, too late or too early)
- Postponing important tasks
- Thoughts about life and death
- Sexual concerns
- Any other problem affecting personal, academic and social functioning of the students

### Activities of Samadhan:

#### a. Individual Counseling Sessions

- The individual counseling sessions in which various individual psychological problems are addressed.
- Individual's confidentiality is highly respected.

- The counselling team has maintained liaison with Psychiatry Department of Sikkim Manipal University, Gangtok for the purpose of referral of some of the cases for medical interventions.
- Various psychological tests are also being applied on the clients depending on the requirement of the problem.
- No. of new clients every month: 5 to 7 on an average.

Following free and confidential counselling services were provided during the year:

- Individual counselling
- Group counselling
- Family counselling
- Relaxation therapies
- Psychotherapies
- Referral services

#### b. Other Regular Services like Yoga and Art of living workshops are being organized regularly

Samadhan also conducts regular courses of



Art of Living and Yoga for the University teachers, staff and students. The aims of these programmes are to help the University community members manage their stress related problems and maintain a healthy lifestyle.

Samadhan opens from 3 to 5 pm on all working days. The service team of Samadhan is as follows:

- Dr. Swati Akshay Sachdeva (Coordinator)
- Dr. Satyananda Panda (Member)
- Dr. Manjushree Thapa (MO & Member)
- Dr. Manju Rana (Member)
- Ms. Jasmine Yimchunger (Member)

## Health Centre

Head of department	: Dr. Manjushree Thapa Manger
Telephone	: 03592-2251056
Mobile	: 8388066478
Email	: mthapa@cus.ac.in

### Profile of the Health Centre

The Health Centre was started with the appointment of Medical Officer and Staff Nurse in May 2012. Dr. Manger is assisted by Ms. Chungchung Bhutia, Staff Nurse and Ms. Mamta Pradhan, Nursing Attendent. It started functioning in a one room structure in Ground Floor of New Evaluation block, 5<sup>th</sup> mile, Tadong and later shifted to the present location on 27<sup>th</sup> May 2012.

### Facilities Provided

- Outpatient clinic: The outpatient needs of the students, employees and their dependents are taken care of in the Outpatient Clinic. Minor procedures are also done during the same.
- Timings: 9:30 am to 5:30 pm, weekdays.
- Emergency facilities: The students, employees and their dependents are given emergency services, via consultation at the Health Centre and telephonic consultation 24\*7.
- Inpatient facilities: The students, employees and their dependents are provided with in-patient facilities in the clinic itself.
- Dispensary: the Centre houses all the essential drugs, both oral and injectables. Drugs are dispensed by the Staff Nurse as per

the prescription of the Medical Officer.

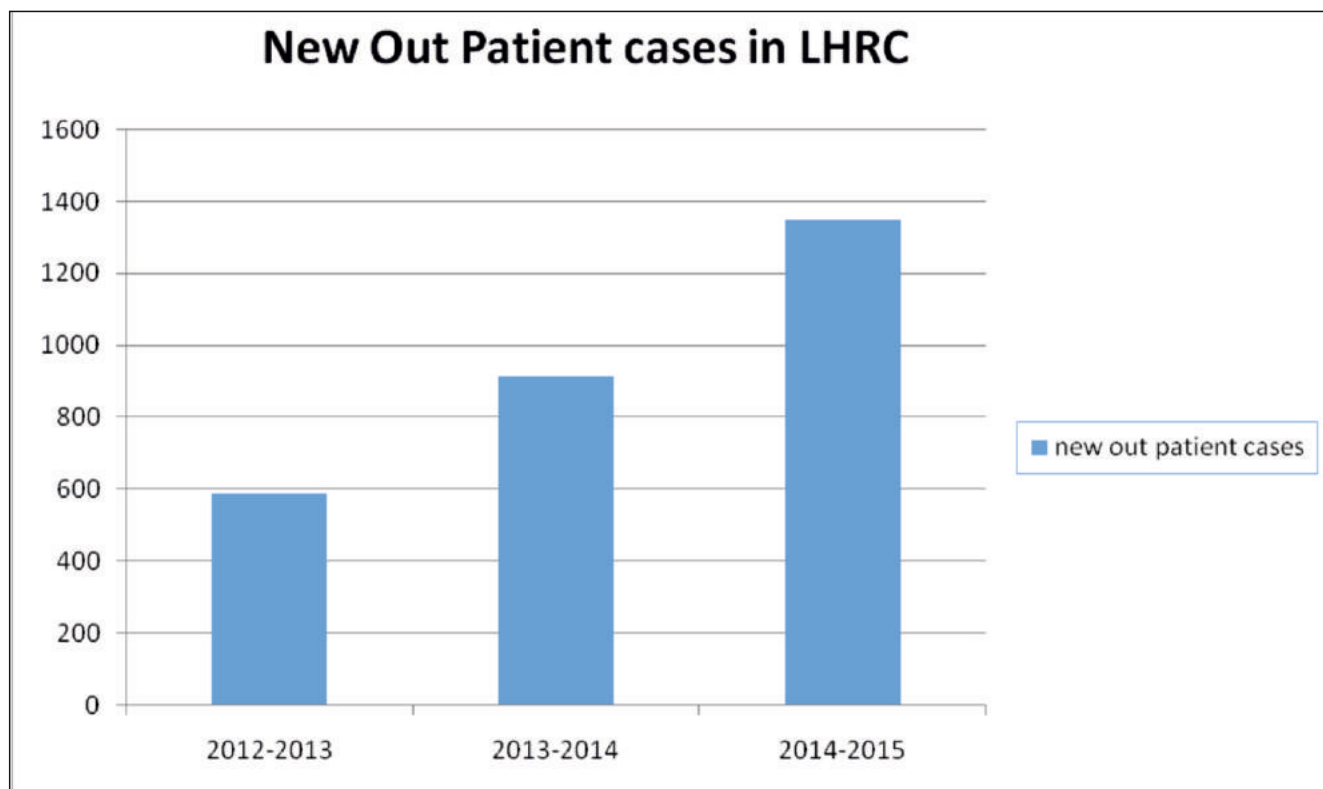
- Ambulance facility: Vehicle is provided for medical emergency purposes.
- Caters as counseling centre.
- First aid kits are distributed to the different department on study tours and field trips.
- DOTS Centre.



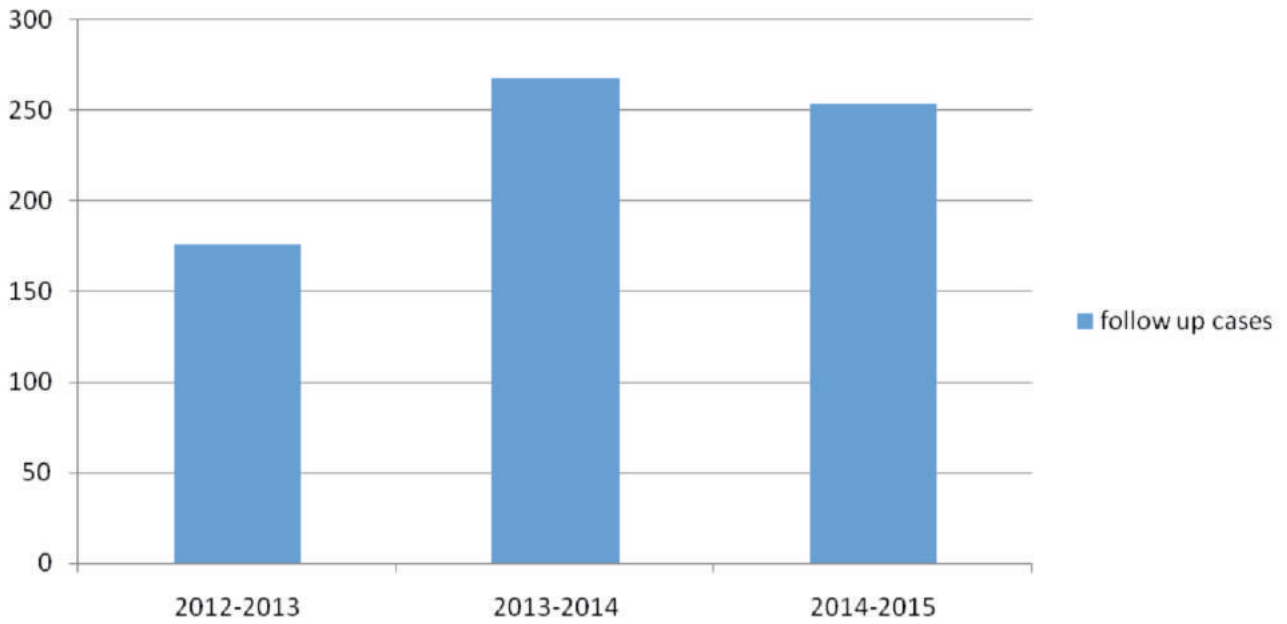
Clean Sikkim University Campaign” as part of Swachhha Bharat Abhiyaan on 18<sup>th</sup> October, 2014 at 5<sup>th</sup> Mile, Gangtok

### Achievements during 2014-15:

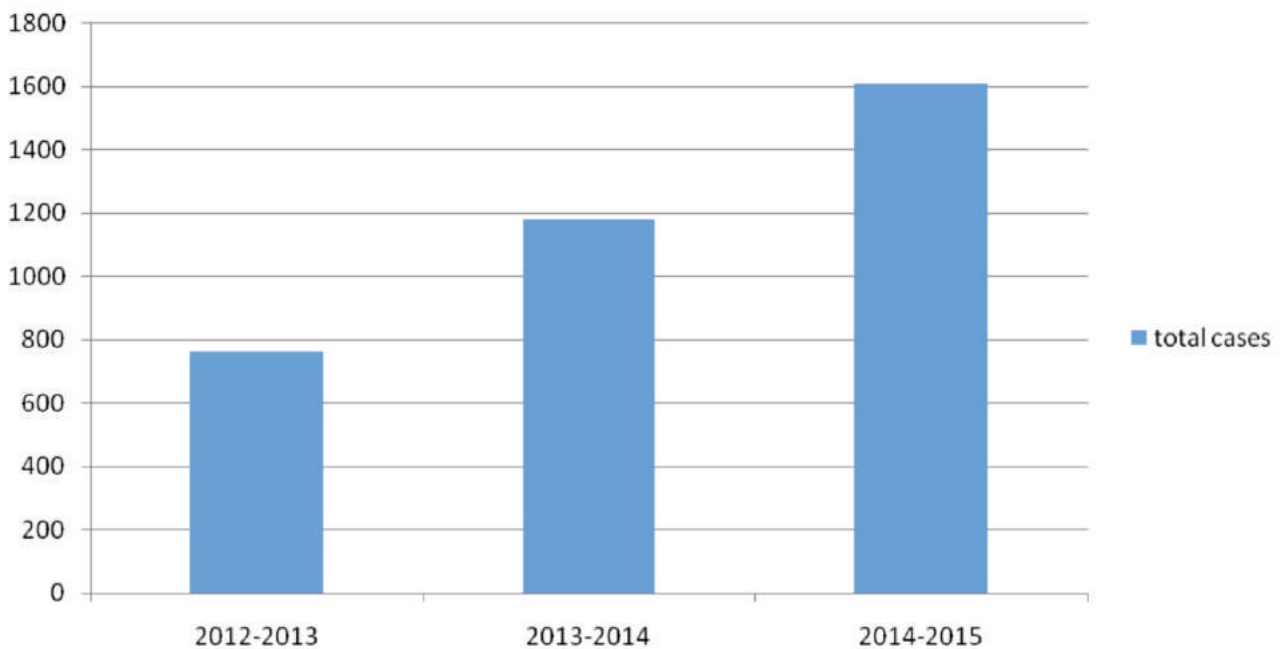
Month	New cases	Follow up cases	Total cases	Cases referred		In-patient cases
				Investigation	treatment	
Apr 14	122	16	138	11	6	0
May 14	107	21	128	7	7	5
Jun 14	136	24	160	9	5	11
Jul 14	54	12	66	2	1	2
Aug 14	110	24	134	7	3	0
Sep 14	180	23	203	3	3	1
Oct 14	140	15	155	15	4	3
Nov14	105	10	115	5	2	0
Dec 14	47	17	64	2	2	3
Jan 15	27	6	33	0	0	0
Feb 15	88	36	124	5	3	2
Mar 15	232	60	292	18	11	3
Total	1348	254	1612	84	47	30



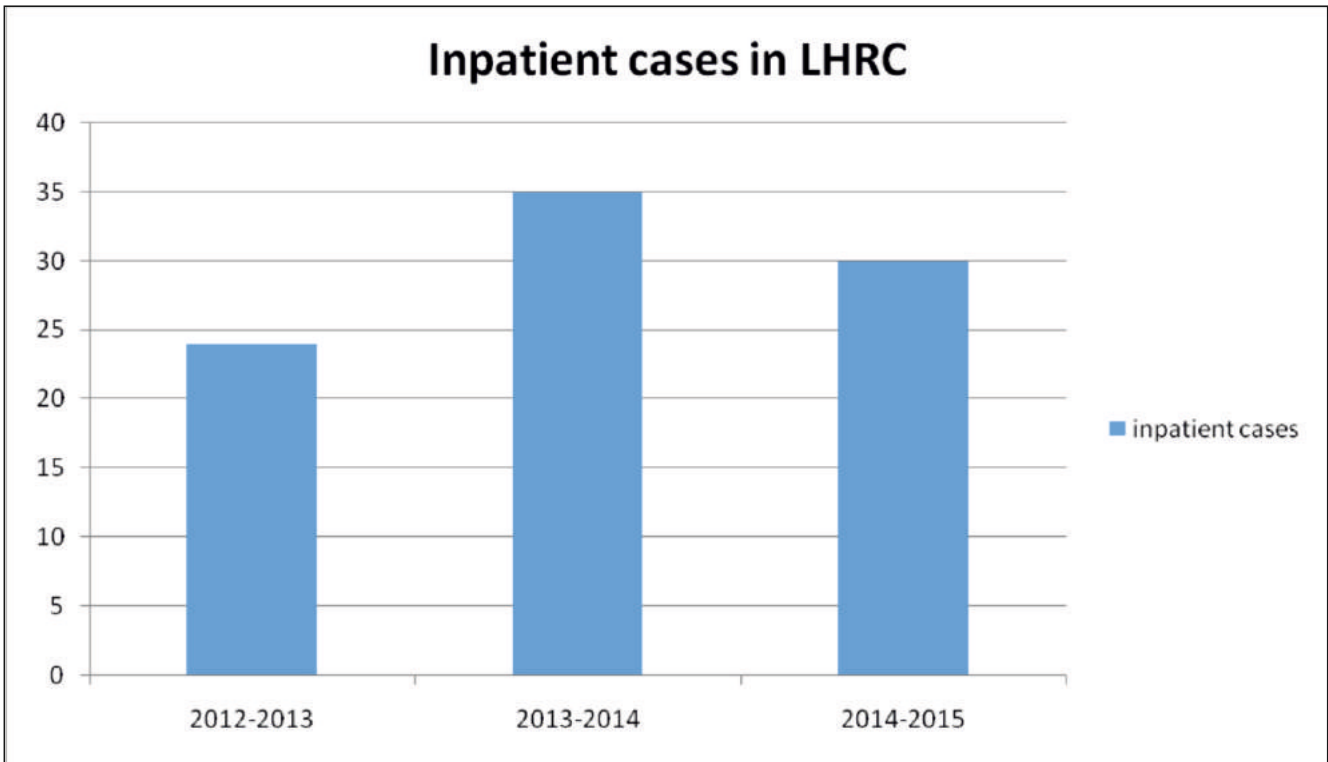
### Follow up cases attending OPD



### Total cases attending OPD







**Challenges**

- Tendering and purchase of instruments are challenging as the suppliers are not interested in small supply orders.
- Absence of ambulance and unavailability of emergency vehicle for medical disposal poses a problem during night emergencies.

**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 allocated for male and female users. Trained male and female Gym instructors monitor and provide continuous supervision to the users.

One can join the Gym simply by filling up a membership form available at the Gym and also in the University website. Along with the membership form one has to submit the 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 facility to its students and employees. Sharp increase in number of Gym users was noticed during

the year.

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

**University Guesthouse**

A panoramic view of Gangtok town, Rumtek and Ranka from the University guesthouse astonishes the guests. Our guesthouse is located in Development Area which is 5-7 minutes' walk from MG Marg, Gangtok. It has 15 deluxe and 3 suite rooms and a meeting room with all facilities like TV, geyzer, lift etc. Only vegetarian meals are served at subsidised rates. It has University Museum and the entire building is Wi-Fi enabled and covered under CCTV surveillance. During 2014-15, guesthouse entertained more than 1000 guests coming from all parts of India and abroad.

## National Service Scheme Cell

### Name of the Programme

Coordinator	: Dr. Sujata Upadhyay
Mobile	: 8967036279
E-mail	: nsscell@cus.ac.in
Programme Officers	: Dr. Jigmie W. Bhutia and Dr. Subhash Mishra

The National Service Scheme Cell of Sikkim University was formed in May 2014, and since then started various programme and activities. Till 31<sup>st</sup> March 2015, the enrolment of NSS was 450 (219 male and 231 female).

### Activities of NSS Cell during 2014-15:

- Participation in Greenathon and Green Walk Programme organized by Dept. of Forests, Environment and Wildlife Management, Govt. of Sikkim at MG Marg, Gangtok (22<sup>nd</sup> June, 2014).
- Blood Donation Camp in association with Sikkim Manipal University held at Barad Sadan, 5<sup>th</sup> Mile, Gangtok (26<sup>th</sup> June, 2014).
- Personal interaction of NSS volunteers with Programme Coordinator, NSS at NSS Cell, 6<sup>th</sup> Mile, Gangtok (7<sup>th</sup>-8<sup>th</sup> September, 2014).
- Essay Competition on “Role of NSS in Personality Development of Indian Youth” on the occasion of NSS Day held at Dept. of Horticulture, 6<sup>th</sup> Mile, Gangtok (24<sup>th</sup> September, 2014).
- Orientation Programme for NSS volunteers held at Sikkim Government College, Tadong Auditorium, Gangtok with special session on “Zero Waste Management” (12<sup>th</sup> October, 2014).
- Debate Competition on “Government is responsible for maintaining cleanliness in a nation” held at Barad Sadan, 5<sup>th</sup> Mile, Gangtok (17<sup>th</sup> October, 2014).
- Organized Cleaning Drive at University Premises initiated on 2<sup>nd</sup> October, 2014 in and around Kanchendzonga Administrative

Block, 6<sup>th</sup> Mile, Gangtok (18<sup>th</sup>-19<sup>th</sup> October, 2014).

- Visit by NSS team to Assamlingzey (East Sikkim) for Cleaning Drive and Creation of Sanitation Awareness (26<sup>th</sup> October, 2014).
- Voluntary collection of donations for PM Relief Fund from University members by NSS volunteers (1<sup>st</sup>-31<sup>st</sup> October, 2014).
- Essay competition on “Role of Sardar Vallabh Bhai Patel in National Integration” on the occasion of National Unity Day at Dept. of Horticulture, 6<sup>th</sup> Mile, Gangtok (31<sup>st</sup> October, 2014).
- Slogan writing competition on Swachchha Bharat Abhiyaan at NSS Cell, 6<sup>th</sup> Mile, Gangtok (8<sup>th</sup> November, 2014).
- Participation in Sikkim Run Contest organized by Zest Event Management Group, Sichey at MG Marg, Gangtok on 9<sup>th</sup> November, 2014.
- Visit of NSS team to West Pandam (East Sikkim) for cleaning drive and for creation of sanitation awareness on 15<sup>th</sup> November, 2014.
- Prize distribution ceremony organized at Barad Sadan, 5<sup>th</sup> Mile, Gangtok on 20<sup>th</sup> November, 2014.
- Second meeting of NSS Cell Advisory Committee on 11<sup>th</sup> December, 2014.
- Participation in 19<sup>th</sup> National Youth Festival and National Youth Convention & Suvichar at Nehru Stadium, Guwahati (8<sup>th</sup>- 12<sup>th</sup> January, 2015).
- Participation in Bharatiya Chhatra Sansad at

MAEER'S MIT, Pune (10<sup>th</sup>-12<sup>th</sup> January, 2015).

- Participation in Training Programme on “Solid Waste Management-Challenges and Opportunities” at IIT, Guwahati (12<sup>th</sup>-14<sup>th</sup> January, 2015).
- Special Camp on Theme “Creation of Sanitation Awareness” at Assamlingzey and Rumtek, East Sikkim (26<sup>th</sup> January – 04<sup>th</sup> February, 2015).
- Cleaning Drive at Departmental Field, Dept. of Horticulture, 6<sup>th</sup> Mile, Gangtok (17<sup>th</sup> February, 2015).
- Lecture on Legal Protection to Women organized on International Women's Day at Dept. of Horticulture, 6<sup>th</sup> Mile, Gangtok (8<sup>th</sup> March, 2015).
- Follow up programme of special camp on “Best out of Waste Exhibition” by school children at Assamlingzey, East Sikkim (15<sup>th</sup> March, 2015).
- Participation in “CMS Vatavaran” and training on Environmental Film Screening at Gangtok (12<sup>th</sup>-13<sup>th</sup> March, 2015).
- Employability Training Programme by Tata Consultancy Services at Teesta Boy's Hostel, Gangtok (18<sup>th</sup>-24<sup>th</sup> March, 2015).

#### **Achievements during the year:**

- Shri V. Nishant, Department of English, was “Fastest Green Walker” in “Green Walk” organized by Dept. of Forests, Environment and Wildlife Management, Govt. of Sikkim, Gangtok on June 22, 2014.
- Ms. Madhuparna Mandal, Department of Psychology secured 10<sup>th</sup> rank in Sikkim Run Contest organized by Zest Event Management Group, Sichey at MG Marg, Gangtok on November 9, 2014.
- The Sikkim University NSS Team was felicitated by Hon'ble Health Minister, Govt. of Sikkim at Gangtok for logistical support to

Sikkim Run Contest on 17<sup>th</sup> November, 2014.

- Mr. Sayak Das, Dept. of Microbiology and Mr. Aditya Kumar Ranjan, Dept. of Chinese were second and third respectively in Training Programme on “Solid Waste Management-Opportunities and Challenges” organized by Knowledge Incubation Cell, Indian Institute of Technology, Guwahati during 12<sup>th</sup>-14<sup>th</sup> January, 2015.
- Ms. Kiran Chettri, Dept. of Horticulture and Ms. Suman Pradhan, Dept. of Psychology were selected by Tata Consultancy Services, Kolkata as entry level graduates by qualifying written test, HR interview and two telephonic interviews after attending TCS Employability training programme during the month of March, 2015.
- Registration of Sikkim University NSS Cell with the Regional Centre i.e. Dept. of Sports and Youth Affairs, Govt. of Sikkim with three units was done in the month of March, 2015.

#### **Short Training/Workshop attended by any staff during the year:**

Participation of Dr. Sujata Upadhyay, Programme Coordinator, NSS in “Orientation Programme for Untrained NSS Programme Officers” at Training Orientation and Research Centre, Ramakrishna Mission Ashrama, Kolkata, February 8-14, 2015



Felicitations of SU NSS Team by Shri A.K. Ghatani, Hon'ble Health Minister, Govt. of Sikkim for providing logistical support to the “Sikkim Run” contest on 17<sup>th</sup> November 2014.

# **Editorial Committee for Annual Report (2014-15)**

## **Chairperson**

Prof. Jyoti Prakash Tamang

## **Members**

Prof. P.C. Pradhan

Prof. Sameera Maiti

Dr. S. Mukhopadhyay

Dr. N.K. Paswan

Dr. Dhani Raj Chhetri

Dr. A.N. Shankar

Shri C.B. Chhetri