



# NINTH ANNUAL REPORT 2015-16

Upcoming Academic Block  
Permanent Campus, Yangyang



SIKKIM UNIVERSITY  
[www.cus.ac.in](http://www.cus.ac.in)

SIKKIM UNIVERSITY

[www.cus.ac.in](http://www.cus.ac.in)



**SIKKIM UNIVERSITY**

*(A central university established by an Act of Parliament in 2007 and accredited by NAAC in 2015)*

# **NINTH ANNUAL REPORT 2015-16**

6<sup>th</sup> Mile, Samdur, Tadong  
Gangtok 737 102, Sikkim, India  
[www.cus.ac.in](http://www.cus.ac.in)



# CONTENTS

1. From the Vice-Chancellor's Desk	1
2. About Sikkim University	2
3. Officers of the University	4
4. Members of the Statutory Bodies	4
• Executive Council	4
• Academic Council	5
• Finance Committee	7
• College Development Council	7
5. Executive Summary	8
6. Schools of Study	11
6.1. <i>School of Social Sciences</i>	11
Department of Economics	11
Department of History	14
Department of International Relations	18
Department of Law	21
Department of Peace & Conflict Studies and Management	25
Department of Political Science	29
Department of Sociology	33
6.2. <i>School of Life Sciences</i>	36
Department of Botany	36
Department of Horticulture	41
Department of Microbiology	47
Department of Zoology	55
6.3. <i>School of Physical Sciences</i>	59
Department of Chemistry	59
Department of Computer Applications	62
Department of Geology	64
Department of Mathematics	66
Department of Physics	68

6.4.	<i>School of Languages and Literature</i>	71
	Department of Chinese	71
	Department of English	73
	Department of Hindi	76
	Department of Nepali	79
6.5.	<i>School of Human Sciences</i>	84
	Department of Anthropology	84
	Department of Geography	88
	Department of Psychology	93
6.6.	<i>School of Professional Studies</i>	97
	Department of Commerce	97
	Department of Education	100
	Department of Management	104
	Department of Mass Communication	108
	Department of Music	109
	Department of Tourism	112
7.	Central Services	115
7.1.	Central Library	115
7.2.	Dean of Students' Welfare	117
7.3.	Administration Department	120
7.4.	Examination Department	121
7.5.	Finance Department	122
7.6.	Hindi Cell	123
7.7.	Internal Quality Assurance Cell (IQAC)	125
7.8.	Health Centre	126
7.9.	Guest House	128
7.10.	University Gymnasium	128
7.11.	National Services Scheme Cell	129
7.12.	Innovators' Club and Innovation and Entrepreneurship Development (IED) Cell	132



## From the Vice-Chancellor's Desk



A cursory glance at the Annual Report for 2015-16, or even at its executive summary, shows that our university is making steady progress over the years. Although we face numerous challenges due to lack of a compact campus such as our inability to enhance our intake capacity, upgrade our research infrastructure, update our teaching-learning infrastructure, provide basic facilities for our students, teachers and staff, etc. we are not doing too bad if the NIRF ranking is anything to go by. According to the NIRF results declared by the then Hon'ble Minister of Human Resource Development Smt. Smriti Irani in April 2016, we rank 61<sup>st</sup> in the country and 4<sup>th</sup> in the region. Our NAAC assessment of 2.60 in 2015 was a little disappointing but we could not have got more given our present resources and credentials.

Through numerous workshops, conferences, and seminars organized by us on our own and in collaboration with other universities and research institutions of India we brought a large number of senior and young scholars from different parts of India to Sikkim which has an attraction of its own for being a favourite tourist destination. The visit of scholars from different parts of India has enhanced the name and fame of our university. Although a border area which is

restricted for foreigners, we received quite a large number of scholars from Europe and America. Our own faculty members and research scholars have visited a large number of places for presenting their research findings, which is clearly evident from the report presented here.

One of the ways we are trying to overcome our physical handicap is enhancing our e-capacity. Although we are spread over about 40 buildings spread over a distance of 11 kms of NH 10 and the buildings are all hired we made serious effort to make all our buildings Wi-Fi enabled and we finally succeeded with the help of NIC. The Internet connectivity is going to be further strengthened soon with NICS infrastructure support funded entirely by the MHRD, Govt. of India. We have used this improved Internet connectivity to give remote access to our faculty members, MPhil and PhD scholars, who can now access all our e-resources, databases, journals and books from wherever they are in India. We have also extended this facility to the 12 colleges affiliated to our university. The next step we are taking is to go for campus ERP even without a campus of our own. Our online admission and recruitment systems are already in place for the past two years.

I am also happy to report to the Hon'ble Members of the Parliament that we are going to start the construction of our campus on a site located 56 kms away from Gangtok from this winter itself. Although we have received only 265 acres of land so far we plan to complete the first phase of the master plan as soon as possible so that we can all shift to the campus and save a huge amount of rent, service tax, electricity charge, telephone charge and other municipal taxes. I hope that we will continue to receive the support of the UGC and MHRD, the way we have always received in the past, to achieve our goal of emerging as one of the top 200 universities in the world within the next 10 years.

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 with 'B' grade accreditation by NAAC in 2015. In April 2016, the National Institutional Ranking Framework has ranked Sikkim University 61<sup>st</sup> in the country and 4<sup>th</sup> in Northeast region. Sikkim University was established 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 and Chief Rector

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

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

### Location and Means of Transport

The University is currently functioning from 34 hired buildings in and around Gangtok. There are 4 hired buses, which ply in and around Gangtok where the various departments of the University are located to transport the students and staff. The University has already started the process of campus building on a 265 acre land at Yangang in South Sikkim, which is 28 kms from Singtam and 56 kms from Gangtok. On the northern fringe of the campus is a tourist village with traditional houses, ultra-modern conferencing facilities, children's park, etc. and on its western front lies the upcoming skywalk at a height of about 11 thousand feet asl atop Bhaledhunga overlooking the University campus. Bhaledhunga is a prime destination of the adventure tourists and 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 the foothills of Darjeeling. The distance between nearest airport and Gangtok is about 124 kms. A helicopter service is operated by the Sikkim Tourism Development Corporation daily between Bagdogra and Gangtok. Taxis are also available for travel between Bagdogra Airport and Gangtok. The nearest railway station is New Jalpaiguri Station, which is also about 125 kms from Gangtok. All trains to and from Northeast India stop at this station. Gangtok is connected by road with Siliguri, Darjeeling and Kalimpong by National Highway 10. There are regular Sikkim Nationalized Transport buses plying between Gangtok and 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, MPhil, PhD)
2. BOTANY (MSc, PhD)
3. CHEMISTRY (MSc, MPhil, PhD)
4. CHINESE (5-Yr Integrated BA-MA)
5. COMMERCE (MCom, PhD)
6. COMPUTER APPLICATIONS (3-YR MCA)
7. ECONOMICS (MA/MSc, MPhil, PhD)
8. EDUCATION (MA, MPhil, PhD)
9. ENGLISH (MA, MPhil, PhD)
10. GEOGRAPHY (MA/MSc, MPhil, PhD)
11. GEOLOGY (5-Yr Integrated BSc-MSc)
12. HINDI (MA, MPhil)
13. HISTORY (MA, MPhil, PhD)
14. HORTICULTURE (6-Yr Integrated BSc-MSc, PhD)
15. INTERNATIONAL RELATIONS (MA, MPhil/PhD)
16. LAW (7-YR INTEGRATED BA-LLB, LL.M, MPhil)
17. MANAGEMENT (MBA, PhD)
18. MASS COMMUNICATION (MA, MPhil, PhD)
19. MATHEMATICS (MA/MSc, MPhil)
20. MICROBIOLOGY (MSc, MPhil, PhD)
21. MUSIC (5-Yr Integrated BPA-MPA)
22. NEPALI (MA, MPhil, PhD)
23. PEACE AND CONFLICT STUDIES AND MANAGEMENT (MA, MPhil, PhD)
24. PHYSICS (MSc, MPhil, PhD)
25. POLITICAL SCIENCE (MA, MPhil, PhD)
26. PSYCHOLOGY (5-Yr Integrated Bsc-Msc, MA/MSc, MPhil, PhD)
27. SOCIOLOGY (MA, MPhil, PhD)
28. TOURISM (MA)
29. ZOOLOGY (MSc, PhD)

#### **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. SIKKIM GOVERNMENT COLLEGE, GYALSHING (WEST SIKKIM)
- xii. SIKKIM GOVERNMENT COLLEGE, BURTUK (EAST SIKKIM)

**OFFICERS OF THE UNIVERSITY****(Under Section 10 of the Sikkim University Act, 2006)**

**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. Irshad Ahmed, Dean,  
 School of Languages &  
 Literature  
 Prof. Samira Maiti, Dean,  
 School of Human Sciences  
 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  
**Registrar** : Shri T.K. Kaul  
**Finance Officer** : CA Pramod Kumar Singh  
**Controller of** : Dr. Debasish Chowdhury  
**Examinations**  
**Librarian** : Prof. A.S. Chandel  
 (officiating)

**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
Four Deans of Schools by rotation according to seniority, to be nominated by the Vice-Chancellor.		
3.	Prof. Jyoti Prakash Tamang Dean, School of Life Sciences, Sikkim University	Member
4.	Prof. Irshad 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
One Professor, other than a Dean by rotation according to seniority, to be nominated by the Vice-Chancellor		
7.	Prof. Pratap Chandra Pradhan Department of Nepali, Sikkim University	Member
One Associate Professor by rotation, according to seniority, to be nominated by the Vice-Chancellor.		
8.	Dr. Nawal Kishore Paswan Associate Professor Department of Peace & Conflict Studies & Management Sikkim University	Member
One representative from the University Grants Commission		
9.	Prof. Chetan Singh Director Indian Institute of Advanced Study, Shimla	Member
Three persons nominated by the Visitor <b>(yet to be nominated)</b>		
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 <b>(yet to be nominated)</b>		
10.	Shri T. K. Kaul Registrar, Sikkim University	Ex-officio Secretary

## ACADEMIC COUNCIL

Sl. No.	Functionary	Designation
1	Prof. T.B. Subba Vice-Chancellor, Sikkim University	Ex-officio Chairman
Deans of Schools		
2	Prof. Jyoti Prakash Tamang Dean, School of Life Sciences, Sikkim University	Ex-officio Member
3	Prof. Irshad 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
Heads/Chairpersons of Departments and Centres of Studies		
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
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 & 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

Sl. No.	Functionary	Designation
19	Dr. Dillip 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
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.		
25	Prof. P.C. Pradhan Department of Nepali, Sikkim University	Member
26	Dr. Komal Singha Associate Professor Department of Economics, Sikkim University	Member
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
<u>Principals of Affiliated Colleges</u> 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.		
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
<u>Visitor's Nominees</u> Five persons, not being employees of the University or of a college or institution by or affiliated to it, to be nominated by the Visitor for their special knowledge <b>(yet to be nominated)</b>		
<u>Vice-Chancellor's Nominees</u> Two persons, not being employees of the University or of a college or institution by or affiliated to it, to be nominated by the Vice-Chancellor.		
32	Prof. D.K. Nayak Department of Geography North-Eastern Hill University, Shillong 793022	Member

Sl. No.	Functionary	Designation
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

### FINANCE COMMITTEE

Sl. No.	Functionary	Designation
1	Prof. T.B. Subba Vice-Chancellor, Sikkim University	Ex-officio Chairman
Three persons to be nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council. <b>(yet to be nominated)</b>		
Three persons nominated by the Visitor		
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	Finance Officer, Sikkim University	Ex-officio 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

## Executive Summary

Some of the highlights of the year 2015-16 are as follows:

- Number of students enrolled in Post-graduate : 814
- Number of students enrolled in MPhil : 77
- Number of students enrolled in PhD : 56
- Number of UGC-NET/ICAR-NET/SLET qualified students : 41
- Number of regular faculty members : 141
- Number of regular non-teaching staff : 93
- Total number of publications : 249
- Total number of research projects : 26
- Aggregate research grant received in 2015 : Rs.85.77lakhs
- Number of National Conference/Seminar/Workshop organized : 15
- Number of International Conference/Seminar organized: 4
- Number of books in Library : 44701
- Number of journals in Library including 5 Annual Reviews : 242
- Number of e-journals (availed by the Library to access): : 7000

### Enrolment of Students

A total of 814 students got enrolled in under-graduate and post-graduate programmes of the University during 2015-16 session including 77 MPhil and 56 PhD students. Institutions in the areas surrounding Sikkim, Darjeeling hills, Terai and other parts of India were sensitized for the admission process that generated a huge response. A total of 29 students were distributed fellowships at the rate of Rs.3000/- month on the basis of merit cum means. Similarly, 26 full-freeship and 42 half-freeship were recommended for the needy students. A total of 37% of applicants were able to secure one or the other type of scholarship. In addition, the candidates not fulfilling the merit criteria and were on the verge of discontinuing their studies due to economic reasons were identified and given fellowships on humanitarian grounds. All MPhil and PhD scholars who were not in receipt of other fellowships were eligible for Non-NET fellowship while other scholars got any of the Rajiv Gandhi, ICSSR, DST or Maulana Azad Fellowship. The Sikkim University Students' Association (SUSA) was also formed during the year under report.

### Central Library

Collection status of the Library by the end of March 2016 was 44701 books. It added 4701 titles during the year. Library organized Book Exhibition on 19-21 May and 26 May, 2015 in which many important publishers/distributors participated. There were 242 journals on subscription list with annual subscription cost of Rs. 98,90,495.00 in addition of access to other e-resources under UGC-Infonet and DelCon consortium. Total expenditure incurred on books during the year was Rs. 1,83,63,805. The Library availed access to more than 7000 e-journal through UGC-Infonet (Now Shodh Sindhu with wider scope).

Library is further strengthened by DelCON (Database of Biotechnology, Library Consortium) which included following number of e-journals for the year 2015-16: Elsevier Science Journals, 425; Springer Journals, 339; ACS, 47; Wiley, 83; MAL (Mary Ann Liebert, Inc. publishers), 92 (85 Journals are complementary) and Nature Publishing Group, 36 Journals. Library also subscribed to databases IndiaStat, Economic Outlook and IEEE Xplore Digital Library.

### Establishment Matters

Interviews for the post of Registrar and Finance Officer were held on 25<sup>th</sup> January 2016 and 23<sup>rd</sup> February 2015 respectively. Shri T.K. Kaul joined the University as the Registrar for the second term on 4<sup>th</sup> April 2016. CA P.K. Singh joined as Finance Officer on 5<sup>th</sup> June 2015. 46 permanent non-teaching staff joined the university during the year. 19 faculty positions were filled during 2015. Walk-in-interviews for Guest Faculty positions were conducted in the months of June 2015 and February 2016. 68 guest faculty members were engaged in 2015-16 in various departments.

### Finance Department

Sikkim University was allocated Rs. 300 crore under the 12<sup>th</sup> Plan. During 2015-16 the amount of General Development Assistance received from the central government through the University Grants Commission was Rs.83.45 crore. Internal receipts and interest earned accounted for Rs. 9.87 crore. There were 26 research projects funded by DBT, SERB-DST, UGC, ICAI, ICWA, ICSSR, DONER, etc. during the period under report involving an aggregate grant of Rs. 85.77 lakhs received in 2015-16. In order to encourage and facilitate young teachers to take up high-end research, the University approved creation of a Research Award Fund. While the offer being received from global research community for collaborative research is quite encouraging, the University has adopted open but cautious approach given the limitations it presently has. The University has acquired laboratory assets worth Rs.1287.34 lakhs during 2015-16 which includes Rs. 245.14 lakhs on procurement of Library Resources.

### Campus Development

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

- Construction of Boundary Wall of the permanent campus at Yangang, South Sikkim completed upto 85%. Third instalment of 30% of the total estimated cost of Rs. 2.48 Cr amounting to approximately Rs. 3.75 Cr has been released to Building & Housing Department, Govt. of Sikkim on 31 July 2015 after completion of 75% of Boundary Wall.
- On 12<sup>th</sup> February 2016 agreement was signed with M/s Tata Consulting Engineers Ltd., Mumbai for appointment as the Project Management Consultant (PMC) for construction of campus building project at Yangang. PMC was selected through an elaborate process of selection.
- M/s Mukesh & Associates, Consultants & Engineers, Salem, Tamil Nadu was released 2<sup>nd</sup> and 3<sup>rd</sup> installments of fee valuing approximately Rs. 83 lakhs and Rs.66 lakhs on 4<sup>th</sup> January 2016 and 16<sup>th</sup> March 2016, respectively on submission of detailed estimates of cost and preliminary scheme (2<sup>nd</sup> installment) and incorporating the suggestions and submitting drawings for approval (3<sup>rd</sup> installment).

### Eighth Foundation Day

The University celebrated its VIII Foundation Day on 2<sup>nd</sup> July 2015. Hon'ble Justice Sonam Phintso Wangdi was present on the occasion as Chief Guest and Prabhat Patnaik, Emeritus Professor of Economics, Jawaharlal Nehru University, New Delhi delivered the Foundation Day lecture. Prof. Patnaik is a highly respected Indian political economist. From 2006 to 2011, he was the executive head of the Planning Board of the state of Kerala. After the financial crisis in 2008, Professor Patnaik was appointed to an interactive panel by the President of the UN General Assembly with the task of discussing the crisis and recommending reforms in the global financial system. Prof. Patnaik currently edits the journal *Social*

*Scientist*. The foundation day also marked the cultural performance by students, teacher and staff, prize distribution to winners of various sports and felicitation of best performing non-teaching staff.

**Third Convocation**

The Third Convocation of the University was held on 9 November, 2015 at Chintan Bhawan, Gangtok. The Vice-Chancellor Prof. T.B. Subba presented the University Report and the Controller of Examinations read the Convocation Address sent by Prof. Pratap Bhanu Mehta who could not be present due to his health problem. The Chancellor conferred on the candidates various degrees for the year 2014. 20 students from University departments and affiliated colleges were awarded with Silver medal and 29 were awarded gold medal.

**National Service Scheme**

National Service Scheme (NSS) of Sikkim University unit was formed in May 2014, and since then 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, etc. The enrolment of NSS was 349 (190 Girls and 159 Boys) till 31 March, 2016.

**Inspired Teachers' Network, Innovators' Club and Innovation and Entrepreneurship Development (IED) Cell**

The University has constituted Inspired Teachers' Network, Innovators' Club and Innovation and Entrepreneurship Development (IED) Cell in 2015. A brainstorming session was organized by Innovators' Club to chart out action plans for efficient accumulation of innovation and business incubations in Sikkim University on 1<sup>st</sup> March 2016. The IED Cell has formulated the Guidelines for IED in Sikkim University.



VIII Foundation Day Lecture by Prof. Prabhat Patnaik



Prof. Prabhat Patnaik giving away certificates to participants of friendly football match

# Schools Of Study

## SCHOOL OF SOCIAL SCIENCES

<b>Name of the Dean</b>	: Dr. Nawal Kishore Paswan, Associate Professor, Studies and Management Dept. of Peace and Conflict ( <i>till 31.01.2016</i> )
<b>Telephone</b>	: 03592-251441
<b>Mobile</b>	: 09775996279
<b>Email</b>	: nkpaswan@cus.ac.in
<b>Name of the Dean</b>	: Prof. Imtiaz Gulam Ahmed, Professor, Dept. of Law ( <i>w.e.f. 01.02.2016</i> )
<b>Telephone</b>	: 03592-251441
<b>Mobile</b>	: 09775996279
<b>Email</b>	: igahmedlaw@cus.ac.in
<b>Departments under the School</b>	: 7

### 1. Department of Economics

<b>Name of the Head</b>	: Dr. Komol Singha
<b>Telephone</b>	: 03592-251152
<b>Mobile</b>	: 07550869798
<b>Email</b>	: ksingha@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate - 25; MPhil - 6; PhD - 4.

### Faculty Profile:

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students registered	Number of Publications	Extra-mural Research Project
Dr. Manesh Choubey	Associate Professor	01-06-2013	1 MPhil	3	nil
Dr. Komol Singha	Associate Professor	25-04-2014	1 MPhil; 1 PhD	8	nil
Dr. Rajesh Raj S.N.	Associate Professor	26-06-2014	1 MPhil; 1 PhD	1	nil
Dr. Ruma Kundu	Assistant Professor	10-07-2010	1 MPhil; 2 PhD	nil	nil
Dr. Pradyut Guha	Assistant Professor	06-03-2012	1 MPhil; 1 PhD	1	nil
Dr. Rangalal Mohapatra	Assistant Professor	13-08-2012	3 MPhil	3	nil

**Publications during 2015-16:****Journals:**

1. Singha, K. and Mishra, S. (2015). Sustainability of rice cultivation: A study of Manipur. *Journal of Rice Research* 4(1): 1-4.
2. Singha, K. (2015). Does conflict affect educational development? Some insights from Manipur. *Excellence in Education Journal* 4(1): 49-82.
3. Singh, M. Amarjeet and Singha, K. (2015). Ethnicity and Sikkimese identity in Sikkim. *Eastern Quarterly* 8(3 and 4): 131-41.
4. Das, T. and Choubey, M. (2015). Measurement of financial inclusion: A case study of Assam. *Journal of Economic and Policy Research* 10(2): 189-200.
5. 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* 5(1): 17-30.
6. 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.
7. Mohapatra, R. (2015). Ranking of efficient states of India on the basis of performances in secondary education: an application of super efficiency models. *Asian Journal of Research in Social Sciences and Humanities* 5(12): 1-15.
8. Mohapatra, M. (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 Science Research* 7(2): 1303-1315.
9. Mohapatra, R. (2015). Changing notion of development: lessons challenges and agenda beyond 2015. *Asian Academic Research*

*Journal of Social Science & Humanities* 2(7): 300-309.

10. Kathuria, V. and Raj, R.S.N. (2016). Do informal sector wages explain rural poverty? Evidence from India. *Journal of Poverty* 20(1): 73-101.

**Books and Book-chapters:**

11. Komol, S. and Amarjeet Singh, M. (2016 Eds.). *Identity, Contestation and Development in Northeast India*. Routledge, New Delhi, pages: 267+ i-xii ISBN: 9781138666894.
12. Komol, S. and Amarjeet Singh, M. (2016). Politics of peace accords in Northeast India. In: *Identity, Contestation and Development in Northeast India*, (Eds: Komol, S. and Amarjeet Singh, M.). Routledge, New Delhi, pp. 86-101. ISBN: 9781138666894.
13. Nayak, P. and Komol, S. (2016). Identity, deprivation and demand for bifurcation of Meghalaya. In: *Identity, Contestation and Development in Northeast India*, (Eds: Komol, S. and Amarjeet Singh, M.). Routledge, New Delhi, pp. 121-129. ISBN: 9781138666894.
14. Singh, M.A. and Komol S. (2016). Democracy and ethnic politics in Sikkim. In: *Identity, contestation and development in Northeast India*, (Eds: Komol, S. and Amarjeet Singh, M.). Routledge, New Delhi, pp. 126-246. ISBN: 9781138666894.
15. Choudhury, R., Komol, S. and Kedar, V. (2015). Growth of horticulture sector: An indicator of urbanisation and overall development. In: *Development Trends in Urban and Peri-Urban Agriculture*, (Eds: Deshpande, R.S., Nath, P., Changappa, P.G., Kannan, E., Swamy, K.R.M. and Iyar, C.P.A.). Westville Publishing House, New Delhi, pp. 65-86. ISBN: 9789383491223.
16. Choubey, M. (2015). Sustainable livelihood development for rural women: A case study on Jharkhand self supporting poultry co-

operative federation limited in agriculture. In: *Innovation, Strategy & Technology in 21<sup>st</sup> Century*, (Eds: Sharma, A. and Goyal, M.), Archers and Elevators Publishing House, Bangalore, pp. 36-44. ISBN: 9789385640001.

**Research Projects:** Nil

**Seminar/Conferences/Workshop/Training attended by faculty members:**

1. Manesh, C. presented a paper on “Role and performance of agricultural producer group companies: A case of selected PG companies” at the National Seminar on *Value Chain in Agriculture*, BIRD, Lucknow, 29-30 November, 2015.
2. Manesh, C. presented a paper on “Role of NGOs supported by NABARD in Microenterprise development in Tamilnadu” at the National Seminar on *Promotion of Rural Microenterprise: Prospects and Challenges*, NIRD, Guwahati, 7-8 December, 2015.
3. Pandey, P. and Choubey, M. presented a paper on “Inequalities in Socio-economic status, productivity and income among dairy farmers: A case study of East Sikkim” at the International Seminar on *Deprivation, Marginalization, and Social Exclusion in North Eastern States*, Manipur University, Imphal, 27-28 May, 2015.
4. Guha, P. presented a paper on “Intensity and pattern of border trade in India's North East” at the International Conference on *India's Look East Policy- Act East & South East Asia: Beyond Borders*, organized by the Centre for Research in Rural & Industrial Development, Chandigarh in collaboration with Manipur University, Imphal, 23-24 May, 2015.
5. Guha, P. presented a paper on “Harnessing India's trade potential with South & South East Asia through North Eastern States” at the International Conference on *India's North East & Beyond: Challenges & Opportunities*, organized by Department of Peace & Conflict Studies Management, Sikkim University, Gangtok, 25-26 June, 2015.
6. Guha, P. presented a paper on “Pattern of public expenditure on health care in North Eastern States of India” at the 17<sup>th</sup> Annual Conference of North Eastern Economic Association, organized by the Department of Economics, Rajiv Gandhi University, Arunachal Pradesh, Itanagar, 30-31 October, 2015.
7. Mohapatra, R. presented a paper on “Intensity and pattern of boarder trade in India's North East” at the International Conference on *India's Look East Policy-Act East and South East Asia: Beyond Borders*, organized by the Centre for Research in Rural and Industrial Development, Chandigarh in collaboration with Manipur University, Imphal, 23-24 May 2015.
8. Mohapatra, R. presented a paper on “Harnessing India's trade potential with South and South East Asia through North Eastern States” at the International Conference on *India's North East and Beyond: Challenges and Opportunities*, organized by Department of Peace and Conflict Studies and Management, Sikkim University in collaboration with ICSSR and Indian Council of World Affairs, Gangtok, 25-26 June 2015.
9. Manish Choubey attended a short term course on Statistical Applications jointly organized by sampling and official statistics unit, Indian Statistical institute, Kolkata and Arya Vidya Peeth College on 4-7 November, 2015.
10. Rangalal Mohapatra attended a workshop on Teaching Online Courses with MOODLE MOOC organized by NUEPA, New Delhi on 26-28 August, 2015.

**Refresher Course/Orientation programme attended:**

1. Pradyut Guha attended the UGC Refresher Course in Economics at Jawaharlal Nehru University, New Delhi from 20<sup>th</sup> July to 14<sup>th</sup> August, 2015.

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

1. Prabin Chouhan qualified UGC-NET (lectureship) in December 2015.

**Outstanding achievements of your Department (teachers and students) during 2015-16:**

1. Published two books, one by Routledge and another by Sage.

**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 2015-16** : Post-graduate – 27; MPhil – 8; PhD - 3.

**Faculty profile:**

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students registered	Number of Publications	Extra-mural Research Project
Dr.V.Krishna Ananth	Associate Professor	01- 07-2013	3 MPhil; 4 PhD	1	nil
Dr.Vijay Kumar Thangellapali	Associate Professor	02-05-2014	1 MPhil; 2 PhD	8	nil
Ms. Sangmu Thendup	Assistant Professor	01-06- 2013	1 MPhil	1	nil
Dr. Anira Phipon Lepcha	Assistant Professor	01-05-2014	2 MPhil	2	nil
Dr. S. Jeevanandam	Assistant Professor	30-11-2015	nil	nil	nil
Dr. Khwairakpam Renuka Devi	Assistant Professor	04-12-2015	nil	nil	nil

**Publications during 2015-16:****Journals:**

1. Sangmu, T. and Tamang, B. (2015). 'Demerger' and statehood: similarities between Gorkhaland and Telangana.

*Economic and Political Weekly* L(38):71-73.

2. Lepcha, A.P. (2015). Marginalised autochthones: episodes of Sikkimese history and the Lepchas. *Kanpur Historiographers International Journal of History, Indology,*

*Epigraphy, Numismatics, Archaeology, Culture and Modernity* 2(2): 185-196.

3. Lepcha, A.P. and Abrona Lee Pandi Aden (2015). The Story of Sikkim in Chetan Raj Shrestha's "The Kings Harvest". *Journal of Social Sciences, Bodoland University* 3(2): 34-43.
4. Lepcha, A. P. and Abrona Lee Pandi Aden.(2016). Lepcha Marriage: An Overview, *IISRR- International Journal of Research*, Vol. 2 Issue 1 (January 2016) pp. 33-48. ISSN 2394-6873.

**Books and book-chapter:**

5. Krishna Ananth, V. (2016). The Decline of the Left: A Casualty of Ideological Contradictions. In: *Making Sense of Modi's India*, Harper Collins India, New Delhi, pp 156-67. ISBN-10:9351776328. (There is no mention of the Editor in the book.)
6. Thangellapali, V.K. (2016). Agriculture and Irrigation. In: *Comprehensive History and Culture of Andhra Pradesh*, (Ed: Narayana, K.), Vol. VII, *Modern Andhra and Hyderabad AD 1858-1956*, General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.55-71. ISBN: 978-93-85829-77-2.
7. Thangellapali, V.K. (2015). Consolidation and Reorganization of Hyderabad State, 1764-1853: (Pre-Salarjung Era). In: *Comprehensive History and Culture of Andhra Pradesh*, (Ed: Satyanarayana, A.), Vol. VI, *Early Modern Andhra, Hyderabad and Company Rule AD 1724-1857*, General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.62-80. ISBN: 978-93-85829-32-1.
8. Thangellapali, V.K. (2015). Irrigation Policies and The Anicuts in Andhra. In: *Comprehensive History and Culture of Andhra Pradesh*, (Ed: Satyanarayan, A.), Vol. VI, *Early Modern Andhra, Hyderabad and Company Rule AD 1724-1857*, General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.132-45. ISBN: 978-93-85829-32-1.
9. Thangellapali, V.K. (2015). Handicrafts and Cottage Industries in Andhra. In: *Comprehensive History and Culture of Andhra Pradesh*, (Ed: Satyanarayan, A.), Vol. VI, *Early Modern Andhra, Hyderabad and Company Rule AD 1724-1857*, General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.146-62. ISBN: 978-93-85829-32-1.
10. Thangellapali, V.K. (2016). Vyavasayamu, Neetiparudala. In: *Andhra Pradesh Samagra Charithra Samskriti*, (Ed: Kesavanarayana, B.) Vol. VII, *Adhunika Andhra, Hyderabad, AD 1858-1956*, (Telugu) General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp. 41-53. ISBN: 978 93 85829 956.
11. Thangellapali, V.K. (2015). Hyderabad RajyaSanghatana, Punaryavastheekarana, 1764-1853 (SalarjungPoorvaShakam). In: *Andhra Pradesh Samagra Charithra Samskriti*, (Ed: Satyanarayana, A.), Vol. VI, *Tholi Adhunika Andhra, Hyderabad, Company Palana AD 1724-1857*, (Telugu) General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.35-50. ISBN: 978-93-85829-51-2.
12. Thangellapali, V.K. (2015). Andhralo Neetiparudala Vidhanalu, Anakattalu. In: *Andhra Pradesh Samagra Charithra Samskriti*, (Ed: Satyanarayana, A.), Vol. VI, *Tholi Adhunika Andhra, Hyderabad, Company Palana AD 1724-1857*, (Telugu) General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.90-100. ISBN: 978-93-85829-51-2.
13. Thangellapali, V.K. (2015). Andhralo Hasthakalalu, Kuteera Parishramalu. In: *Andhra Pradesh Samagra Charithra Samskriti*, (Ed: Satyanarayana, A.), Vol. VI, *Tholi Adhunika Andhra, Hyderabad, Company Palana AD 1724-1857*, (Telugu)

General Editor: V. Ramakrishna, Emesco Books, Hyderabad, pp.101-113. ISBN: 978-93-85829-51-2.

#### Publication by student:

- Santha, E.K. (2015). Gender question and the CPI(M): Kerala. *Economic and Political Weekly* 1(51): 21-24.

#### Invited lectures delivered:

##### V.Krishna Ananth

- Indian Media, Nationalism and After at the Asian College of Journalism, Chennai, on 3<sup>rd</sup> August, 2015.
- Nationalism and the Struggle for Indian Independence, “Media Ambassadors India – Germany” at the Asian College of Journalism, Chennai, on 16<sup>th</sup> September, 2015.

##### Sangmu Thendup

- Peace Studies for Developing World Peace, at Peace Forum, MCU, Thailand, on 26<sup>th</sup> May, 2015.
- History of Egyptian Civilization at Sikkim Govt. College, Tadong, Gangtok, on 11<sup>th</sup> November, 2015.

#### Refresher Course/Orientation programmes

attended: nil

#### Seminar/Conferences/Workshop/Short

#### Training/Lectures/ Field visit etc. organized during the year:

- Krishna Ananth, V. presented a paper on “Literature as a source of history: history, historicity, historicism (Plenary Lecture)” at the Intra-School Interdisciplinary National Seminar on *Trends in Contemporary Literature: Issues and Perspectives*, organized by School of Languages and Literature, Sikkim University, Gangtok, 29-31 May, 2015.
- Krishna Ananth, V. presented a paper on

“Political democracy sans economy-critique of backward class movements” at the UGC-SAP National Seminar on *Elusive Equality: Mapping Social Hegemony in India*, Department of Sociology, University of Hyderabad, Hyderabad, 19-20 February, 2016.

- Thendup, Sangmu presented a paper on “Religious environmentalism: Buddhist response to environmental degradation” at the 12<sup>th</sup> International Buddhist Conference on the United Nations Day of Vesak 2015, organized by Mahachulalongkornrajavidyalaya University, Ayutthaya, Thailand, 28-30 May, 2015.
- Thendup, Sangmu presented a paper on “Buddhist spiritual tourism and trade in Sikkim: connecting and realising the opportunities beyond North East” at the International Conference on *India's North East and Beyond: Challenges and Opportunities*, organized by Department of Peace and Conflict Studies and Management, Sikkim University in joint collaboration with IWCA and ICSSR, New Delhi, 25-26 June, 2015.
- Thendup, Sangmu presented a paper on “Environment and Buddhism” at the Seminar on *Different Aspects of Buddhism*, jointly organized by Dolma Phrodrang Foundation and Nangmyal Institute of Tibetology, Sikkim, Gangtok, 16-17 October, 2015.
- Thendup, Sangmu presented a paper on “Buddhism and religious environmentalism in Sikkim: through myths, legends and tradition” at the International Conference on *Trans-Himalayan Buddhism– Exploring the Cultural Space*, organized by Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS), Kolkata, 10 March, 2016.

- Thendup, Sangmu presented a paper

on “Buddhism and religious environmentalism” at the workshop on *Human Survivability (KuSuWs-2016)*, jointly organized by Kyoto University and Sikkim University, Gangtok, 21-22 March, 2016.

- Lepcha, Anira Phipon presented a paper on “Sikkim after 1947 and the condition of the Lepchas” at *The Indian History Congress*, Section 6, Contemporary History of India, Malda, 27-29 December, 2015.
- Lepcha, Anira Phipon presented a paper on “The Scottish Mission and the Lepchas” at the First International Scottish Studies Conference, Bankura University, Bankura, 6-7 January, 2016.
- Jeevanandam, S. presented a paper on “The Voices of dissent: a discourse of Devadasi abolition in the Madras Legislative Council” at the National Conference on *Socio-Cultural Transformation in Twentieth Century South India*, organized by University of Madras, Chennai, 23-24 March, 2016.

**Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16:**

As part of the Special Lecture Series, the department organized the following lectures:

- Issues in Economic History of India by Prof. Ravindran Gopinath, Member Secretary, Indian Council of Historical Research, New Delhi on 8 April 2015.
- Understanding Nationalism in History by Prof. Salil Mishra, Dean, School of Liberal Studies, Admbedkar University, New Delhi on 9 April 2015.

**Projects (Details of faculty wise projects undertaken during 2015-16): Nil**

**Outstanding achievements of the department: Nil**

**Nomination to any Academic Bodies /Societies/ Government Departments/Ministries/ Universities/Institutes during 2015-16:**

V. Krishna Ananth was nominated as:

- Chairman, Board of Studies, Department of Journalism, North Lakhimpur College (Autonomous), North Lakhimpur, Assam.
- Member, Selection Committee, Department of Communication and Communication and Journalism, Gauhati University, Guwahati, Assam.
- External Expert, Research Advisory Committee, Department of History, Tripura University, Agartala.

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

1. Samten Doma Bhutia, PhD Scholar qualified SLET.
2. Baira Ganjan Dash, MPhil Scholar qualified SLET.

### 3. Department of International Relations

<b>Name of the Head</b>	: Dr. Manish
<b>Office Phone Number</b>	: 03592-201826
<b>Mobile number</b>	: 09733302681
<b>Email</b>	: msrivastava@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate - 26; MPhil- 8; PhD-3.

#### Faculty profile

Name	Designation	Date of Joining	2015-16		
			No. of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Manish	Associate Professor	14-03-2012	2 MPhil; 1 PhD	nil	nil
Dr. Sebastian N.	Assistant Professor	10-10-2008	1 MPhil; 1 PhD	6	nil
Dr. Teiborlang T. Kharsyntiew	Assistant Professor	03-09-2008	2 MPhil	nil	nil
Mr. Ph. Newton Sing	Assistant Professor	10-01-2008	2 MPhil	nil	nil

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

##### Journals

1. Sebastian N. (2015). Islamic movements engaging with democracy: front Islamic Du Salut (FIS) and democratic experiments in Algeria. *India Quarterly* 71 (3): 255-271. (Sage eISSN: 0975-2684, ISSN: 0974-9284) doi: 10.1177/0974928415584025.
2. Sebastian N. (2016). The ideology and the programme of front Islamique du Salut (FIS) in Algeria: an analysis. *Online International Interdisciplinary Research Journal* VI: 333-347. ISSN 2249-9598.
3. Sebastian N. (2016). Building social capital for social development: emerging trends in social development debates in the era of globalisation. *International Journal of Management and Social Science Review* 1 (3): 147-156. ISSN 2349-6738.
4. Sebastian N. (2016). Conceptualising the

globalisation social development debates in the twenty first century. *International Journal of Multi Disciplinary Research Review* I (3): 126-135. ISSN 23951877.

##### Popular Articles in Magazines

5. Sebastian N. (2015). No doubt: Yemen is also in the same path (Samsayamilla: Yemenum Aa Vazhiyilude Thanne). *Chandrika Weekly* (in Malayalam), 19-26 April 2015 pp - 9-17.
6. Sebastian N. (2015). When Castro and Obama meet: the victory of the politics of anti-invasion (Castroyum Obamayum Kandumuttumbol: *Adhinivesa Virudhathayude Rashtriya Vijayam Yuvadhara Magazine* (in Malayalam) May 2015, pp 13-19.

##### Students' Publication

1. Rajiv Rai (2015). *State in a Colonial Periphery: A Study on Sikkim's Relation with Great Britain*, Gurgaon: Partridge India.

2. Romana Lepcha (2015). Human trafficking a major concern. *HisGrace*, Gangtok, Himadri Printers, pp. 42-43, Immanuel Gift.
3. Anee Bhattacharyya (2016). The variation in the depiction of queer sexuality in India and the question of social change. *International Journal of Innovative Research and Development* 5(5): 81-84.
4. Anee Bhattacharyya (2016). On the everyday life of sexual minorities in India: theory and practice. *Asian Academic Research Journal of Social Science and Humanities* 3(4): 282-295.

#### **Seminars/Conferences/Workshops/Training attended by faculty members and students:**

##### **Teachers:**

- Dr. Manish presented a paper on “Understanding South Asia's geopolitics” at the National Seminar on *Imagining South Asia in New Perspectives: Prospects and Challenges*, organized by the Department of Civics and Politics, University of Mumbai, Mumbai, 17-18 February, 2016.
- Dr. Manish presented a paper on “India's soft power and the role of Ramayana” at the International Conference on *The Perspective of the Ramayana in India & ASEAN*, organized by India Studies Centre, Thammasat University, Bangkok, Thailand, 27 August, 2015.
- Dr. Manish presented a paper on “Locating Sikkim in India's Look East-Act Policy” at the International Conference on *India's Look East Policy – Act East and South East Asia: Beyond Borders*, organized by Manipur University in collaboration with the CRRID, Chandigarh, 23-24 May, 2015.
- Sebastian N. presented a paper on “Neoliberal states and the rights of the disabled” at the National Seminar on *Rights of the Disabled:*

*Issues and Challenges*, organized by NMSM Government College, Kalpetta, 21-22 January, 2016.

##### **Students**

- Komal Kaushik Baral presented a paper on “Revisiting India-Bangladesh Relations: Soft Power Perspective” at the Annual International Convention, JNU, New Delhi, 22-23 March, 2015.
- Rajiv Rai presented a paper on “Changing Dynamics of Traditional Culture of Sikkim in Different Times: from the Lepcha era to the Modern Period” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with ICSSR and Namgyal Institute of Tibetology, Gangtok, 25-27 April, 2015.
- Anuradha Thapa presented a paper on “Trans Himalayan Buddhism: exploring the cultural space” at the Seminar on “Trans-Himalayan Buddhism: Exploring the Cultural Space” organized by MAKAIAS, Kolkata, 10-11 March, 2016.
- Shraddha Rai participated in the workshop on *Development Finance and its Implications*, Kohima, Nagaland, 16-18 September, 2015.
- Shraddha Rai presented a paper on “Emergence of India as a global power: exploring culture as a tool of soft power under Modi Government” at the International Conference on *Emergence of India as Global Power: Challenges and Opportunities*, organized by S.S. Dempo College of Commerce and Economics, Panaji-Goa, 28-29 March, 2016.
- Pema Tseten Lachungpa presented a paper on “Insurgency Problem in India-Myanmar Relations” at the National Seminar on *India in the Emerging International World order: Issues and Opportunities*, organized by

Jadavpur Association of International Relations, St. Joseph College, Darjeeling, 2-4 November, 2015.

- Junu Basumatary participated in the two weeks Research Methodology course in Asian Studies 2015 under the auspices of Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, 15 June to 2 July, 2015.
- Junu Basumatary presented a paper on “Empowerment of Rural Women through Higher Education in Chirang District of Assam in North-East India” at the UGC-sponsored National Seminar on *Higher Education in North-Eastern Region: Problems, Prospects and Challenges*, organised by Internal Quality Assurance Cell, Kharupetia College, Kharupetia Darrang, Assam, 17-18 June, 2015.

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

- Dr. Manish chaired a session on 'Challenges and prospects of e-Governance in North Eastern Region' at ICSSR sponsored National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North Eastern Region*, Department of Education, Sikkim University, Gangtok, 20-12 February, 2016.
- Dr. Manish chaired a session on 'India –China Relations: Climate, Water & Food' at the All India Conference of China Studies, organized by the Institute of Chinese Studies, Delhi and Department of Chinese, Sikkim University, 5-7 November, 2015.
- Dr. Manish chaired a session titled 'India's Soft Power- Opportunities and Challenges' at the Thinkers Meet on *Power of Soft Power*, organized by FINS, Gujarat National Law School, Gandhinagar, 22 November, 2015.
- Dr. Manish was Invited Resource

Person/Guest Speaker at the ICSSR-sponsored “Two Week Capacity Building Workshop for Young Faculty in Social Sciences” organized by the Central University of Gujarat, Gandhinagar, 3<sup>rd</sup> November, 2015.

- Dr. Manish was Invited Resource Person/Guest Speaker at the National Seminar on “Re-conceptualizing Indian Foreign Policy: Emerging Challenges and Opportunities”, Banaras Hindu University, Varanasi, 30 April-1 May, 2015.
- Dr. Sebastian N delivered Special Lecture on Democracy in the Middle East– Challenges, Opportunities and Responses at Post Graduate and Research Department of Arabic, Farook College Kozhikode, Kerala, 3 July, 2015.
- Dr. Sebastian N delivered Special Invited Lecture on “International Relations Theory: A Perspective from the Global South, Salesian College, Siliguri, 10 December, 2015.
- Dr. Sebastian delivered an Invited Lecture on “Issues in International Relations: A Re-reading of the 20<sup>th</sup> Century”, Salesian College, Siliguri, 11 December, 2015.

#### **Outstanding achievements of the Department during 2015-16 : Nil**

**Projects (Details of faculty wise projects undertaken during 2015-16):** Nil

#### **Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

1. Arun Pandian qualified UGC/JRF
2. Sharad Gurung qualified UGC/JRF
3. Sangay Lachungpa qualified UGC/JRF
4. Pema Tseten Lachungpa qualified SLET

#### 4. Department of Law

<b>Name of In-charge</b>	: Mr. Veer Mayank ( <i>till 10.12.2015</i> )
<b>Mobile</b>	: 08145894966
<b>Email</b>	: vmayank@cus.ac.in
<b>Name of the Head</b>	: Prof. Imtiaz Gulam Ahmed ( <i>w.e.f. 11.12.2015</i> )
<b>Office Phone Number</b>	: 03592-231549
<b>Mobile</b>	: 09433484920
<b>Email</b>	: igahmedlaw@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Under-graduate (LLB)-12; Post-graduate-(LLM)-18; MPhil-5; PhD-1.

#### Faculty profile:

Name	Designation	Date of Joining	2015-16		
			No. of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Prof. Imtiaz Gulam Ahmed	Professor	11-12-2015	nil	nil	nil
Dr. Praveen Mishra	Associate Professor	02-12-2015	nil	nil	nil
Mr. Veer Mayank	Assistant Professor	03-08-2010	2 MPhil	nil	nil
Ms. Denkila Bhutia	Assistant Professor	01-05-2012	nil	nil	nil
Dr. Nidhi Saxena	Assistant Professor	28-01-2013	2 MPhil, 1PhD	nil	nil
Mr. Vijoy V.	Assistant Professor	05-05-2014	nil	1	nil
Dr. Sonam Yangchen Bhutia	Assistant Professor	08-05-2014	1 MPhil	1	nil

#### Guest Faculty

- Justice (Retd.) A.P. Subba
- Shri Udai P. Sharma
- Ms. Pramita Gurung
- Shri Ajay Pradhan
- Shri Tenzing Pintso Lepcha
- Ms. Nancy Choden Lhasungpa
- Mrs. Parminder Kaur

#### Publications during 2015-16:

**Journal:** nil

#### Book chapters:

1. Bhutia, S.Y. (2015). Protection of the Rights of Female Children with Disability-A Legal Framework in India. In: *Human Rights and Duties* (Eds: Bandhopadhyay, R., Chakrobarty, G., Biswas, S.), University Press, University of North Bengal, Siliguri, pp. 320-329. ISBN: 978-81-921285-3-5.
2. Vijoy, V. (2015). Human Rights of Third Gender: Legislative and Judicial Approaches in India in *Human Rights and Duties*. In: *Human Rights and Duties* (Eds:

Bandhopadhyay, R., Chakrobarty, G., Biswas, S.), University Press, University of North Bengal, Siliguri, pp.344 to 350. ISBN: 978-81-921285-3-5.

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

##### **Veer Mayank**

- Presented a paper on “Protection of cultural expression of traditional communities in Sikkim: institutional framework” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with Indira Gandhi Rashtriya Manav Sangrahalaya, Gangtok, 25-27 April, 2015.
- Presented a paper on “The prevention of communal violence (Access to Justice and Reparations) Bill, 2011: Analysis of the provisions in the context of communal harmony and the federal character of the Constitution” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, organized by Department of Geography, Sikkim University funded by ICSSR, Gangtok, 25-26 April, 2015.
- Presented a paper on “Role of International Financial Institution in promotion of International Humanitarian Law: A Critical Review” at the National Conference on *International Humanitarian Law*, organized by the All India Law Teachers Congress and the International Committee of Red Cross (ICRC), New Delhi, 12-13 July, 2015.

##### **Denkila Bhutia**

- Presented a paper on “Shifting paradigm in understanding of 'Law': a study in emerging trends of Rule of Law” at the National Seminar on *Changing Dimensions of Concept of Legal Systems and Rule of Law: Emerging Trends in Constitutionalism*, organized by Department of Law, University of North Bengal, Siliguri, 19-20 December, 2015.

- Presented a paper on “Promotion of sustainable development through e-Governance in higher education” at the National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North-East Region*, organized by Department of Education, Sikkim University, Gangtok, 20-21 February 2016.
- Presented a paper on “An analysis of rape victim's right to compensation and rehabilitation in India” at the International Conference on *Victim Compensation and Restorative Justice and National Bill Drafting Competition on Victim Compensation*, organized by the Centre for Advanced Studies in Human Rights, Rajiv Gandhi National University of Law, Punjab, 23 November, 2015.
- Presented a paper on “A study of Dzumsa system in Sikkim as an alternative mode towards dispute resolution” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University, Gangtok, 25-27 April, 2015.
- Presented a paper on “An analysis of AFSPA, 1958: Human Rights perspective” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North East India*, organized by Department of Anthropology, Sikkim University, Gangtok, 25-27 April, 2015.

##### **Dr. Nidhi Saxena**

- Presented a paper on “Performer's right and proposed amendment in Copyright Laws - a Legal discourse with Sikkim Perspective” at the International Conference on *International Conference on Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with Indira Gandhi Rashtriya Manav Sangrahalaya, Gangtok, 25-27 April, 2015.

- Presented a paper on “Human trafficking as organized crime: a victims rights analysis with special reference to North East Region of India” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, organized by Department of Geography, Sikkim University funded by ICSSR, New Delhi, 25-26 April, 2015.
- Presented a paper on “Stealing Trade secrets-economic cyber espionage: an IPR perspective” at the National Conference on International Humanitarian Law, organized by the All India Law Teachers Congress and the International Committee of Red Cross, New Delhi, 12-13 July, 2015.
- Presented a paper on “Status of Women vis-à-vis customary laws of the Bhutia and Lepcha tribes of Sikkim: a socio-legal aspect” at the International Conference on *Cultural Heritage of Sikkim*, Department of Anthropology, Sikkim University, Gangtok, 25-27 April, 2015.
- Presented a paper on “Custodial violence and human rights: a study with reference to the North East India” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North East India*, Department of Geography, Sikkim University, Gangtok, 25-26 April, 2015.

#### **Dr. Sonam Yangchen Bhutia**

- Presented a paper on “The significance of the Buddhist masked ritual dance of Sikkim and the Need for its Preservation” at the Workshop of Kyoto University and Sikkim University on Human Survivability, Sikkim University, Gangtok, 21-22 March, 2016.
- Presented a paper on “Impact of SEZ and the Rule of Law in India” at the National Seminar on Changing Dimensions of Concept of Legal Systems and the Rule of Law: Emerging Trends in Constitutionalism, organized by the Department of Law, University of North Bengal, Siliguri, 19-20 December, 2015.
- Presented a paper on “Reproductive tourism and commercial surrogacy in India” at the National Seminar on Changing Trends of Tourism & Its Impact on Livelihood, Sikkim Government College, Gangtok, 6 November, 2015.
- Presented a paper on “Social security for the elderly: an analysis of welfare schemes for elderly people in India” at the National Workshop on the Right to Dignity: Elderly Abuse in an Era of Social Progress and Urbanization, National Law University, Jodhpur, 18-19 September, 2015.
- Prof. I.G. Ahmed as Resource Person at the Department of Human Rights, University of Calcutta, Kolkata, 21 March, 2016.
- Prof. I.G. Ahmed as Resource Person at the West Bengal Judicial Academy, Kolkata, 22 March, 2016.
- Nidhi Saxena delivered a talk on “Information Technology Act, 2000 and Indian Evidence Act, 1882” at the Police Training Centre, Moradabad, 22-29 January, 2016.
- Nidhi Saxena as invited as a Resource Person/ Speaker on “Right to Privacy and Data Protection as important Human Rights”, at the Sikkim State Human Right Commission, Gangtok, 21 November, 2015.
- Nidhi Saxena was invited as a Resource Person by Nehru Yuva Kendra Sangathan in collaboration with Rajiv Gandhi National Institute of Youth Development, B.Ed Government College, Soreng, West Sikkim, 10 August, 2015.
- Nidhi Saxena delivered a talk on Laws on Suicide, National Workshop on Suicide, organized by the Department of Sociology, Sikkim University, Gangtok, 28 May, 2015.

#### **Invited lectures**

- Nidhi Saxenaco-chaired a session on National Seminar on Human Rights of Tribe in India: Present Position & Prospects, Department of Law, Jai Narayan Vyas University, Jodhpur, 1-2 February, 2015.
- Veer Mayank was invited as Resource Person on Awareness Programme on Women's Rights, Nehru Yuva Kendra Sangathan in collaboration with Rajiv Gandhi National Institute of Youth Development, Gangtok, 10-11 August, 2015.
- Veer Mayank was invited as Resource Person on Human Trafficking and Immoral Traffic Prevention Act, Nehru Yuva Kendra Sangathan in collaboration with Rajiv Gandhi National Institute of Youth Development, Gangtok, 5 June, 2015.

#### Refresher Course/Orientation programme attended:

- Vijoy V. attended UGC-Orientation Programme at University of Kerala, Thiruvannathapuram, September 2015.
- Nidhi Saxena attended the Training Programme on Delivery of Justice to Tribals IBA-CLE Chair, National Law School of

India University and Menon Institute of Legal Advocacy Training Law, Guwahati, 21-24 May, 2015.

- Sonam Yangchen Bhutia attended Training Programme on Delivery of Justice to Tribals IBA-CLE Chair, National Law School of India University and Menon Institute of Legal Advocacy Training Law, Guwahati, 21-24 May, 2015.

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

- Department of Law, Sikkim University in collaboration with Sikkim State Legal Services Authority organized a Sensitization programme on the *Rights of Elderly vis-à-vis Maintenance and Welfare of Parents and Senior Citizens Act, 2007*, 5 September, 2015. Programme Coordinator: Sonam Yangchen Bhutia.
- Department of Law, Sikkim University in collaboration with Sikkim State Human Rights Commission organized an Awareness Programme on *Human Rights*, 8 August, 2015. Programme Coordinator: Denkila Bhutia.



(L to R: Prof. T.B. Subba, Justice N.K. Jain and Justice A.P. Subba)

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

<b>Name of the Head</b>	: Dr. Nawal K. Paswan
<b>Tel.</b>	: 03592-251441
<b>Mobile</b>	: 09775996279
<b>Email</b>	: nkpaswan@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate-6; MPhil-4; PhD- 2.

### Faculty Profile:

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Nawal K. Paswan	Associate Professor	05-03-2012	2 MPhil	2	nil
Dr. Salvin Paul	Assistant Professor	05-03-2012	2 MPhil; 1 PhD	2	nil
Dr. Sanghamitra Choudhury	Assistant Professor	09-03-2012	1 PhD	nil	nil

### Publications of faculty members during 2015-16:

978-93-313-2659-1; xxx + 458 pages).

#### Journals:

1. Paswan, N.K. and Bano, S. (2016), New Zealand-India trade relations and growth potential: an empirical analysis. *India Quarterly* 72 (I): 50-74, Sage Publications.
2. Paul, S. (2015): Political construct of intellectual property rights: a critique from indigenous knowledge perspective. *International Journal of Intellectual Property Rights* 6(1):32-51, ISSN Print: 0976-6529, ISSN Online: 0976-6537.
3. Paul, S. (2015): TRIPS and Biotechnology vs CBD and biodiversity: is it bio-prospecting or bio-piracy of developing countries' traditional knowledge? *International Journal of Physical and Social Sciences* 5(9): 603-631. ISSN 2249 5894.

#### Book:

4. Paswan, N.K. (2015). *India-Central Asia: Deepening Economic Cooperation*, APH Publishing Corporation, New Delhi (ISBN:

### Publications of students during 2015-16:

1. Chhetry, T.K. (2016). Bodo ethnic identity movement and Gorkhas in proposed *Bodoland* region in Assam. In: *Ethno-History of the Tribes of North East India* (Ed: Ranjit Oinam), Delhi/Vishakhapattanam), Global Publishing House India, 165-177. ISBN: 978-93-81563-73-1.
2. Chhetry, T.K. (2015). Mapping the history of Gorkhas in pre-independence Northeast India: a special reference of Bodoland Territorial Council (BTC), Assam. *Journal of Social Sciences*, Bodoland University 3(2): 22-33. ISSN: 2320-0952.
3. Chhetry, T.K. and Adhikari, N. (2015). Developmental deficit(s)? Insight(s) to environment and indigenous community protection movement in Northeast India. In: *Environment-Cultural Interaction and The Tribes of North-East India*, (Eds: Mawlong, B.L. and Mitri, M.B.), Cambridge: Cambridge Scholar, pp. 221-232. ISBN:

- (13):978-1-4438-7836-4.
4. Chhetry, T.K. (2015). Traumatized toddlers in Bhutan: understanding the impact(s) of conflict on Lhotshampa children. *Journal of Social Sciences*, Bodoland University, 3(1): 7-17. ISSN: 2320-0952.
  5. Chhetry, T.K. (2015). Conflicting pastoral policy in India: case of Sikkim. *Journal of North-East Region 3 (II)*: 133-137. ISSN: 2321-0583.
  6. Chhetry, T.K. (2015). Social exclusion of *bharyas*: case of Ranipool Sikkim. *Journal of North-East Region 3 (II)*: 143-146.
  7. Joseph, B. (2015). Ethnicity and ethnic conflict: A search for identity or an identity crisis? With special reference to North East India. *International Journal of Innovative Research and Development* 4(4): 352-357.
  8. Katwal, A. (2015). Undercovering the mechanism of natural resources and conflict- an overview of literature. *International Research Specialist* 2(7): 153-165. ISSN: 2350-1499.
  9. Katwal, A. (2015). Demands for statehood and the Gorkhaland movement- an analysis of issues and perspective. *International Journal of Education and Science Research Review* 2(6): 8-12. ISSN: 2348-645.
  10. Yadav, H.K. (2016). Role of Court, Government and other institutions towards transgender. In: *Emerging Challenges of Inclusive India* (Eds: Paswan, A.), pp. 33-36. Victorious Publishers, New Delhi, ISBN: 978-93-84224-42-4.
  11. Yadav, H.K. (2016). The Moderns of ancient India regarding status of women. In: *Emerging Challenges of Inclusive India*, (Ed: Paswan, A.), pp. 37-38. Victorious Publishers, New Delhi. ISBN: 978-93-84224-42-4.
  12. Roy, S. (2016). Mushroom growth of media education in India: A quality for concern. In: *Media Teaching: Commemorative Volume of the UGC Sponsored National Workshop on Media Teaching*, (Ed: Banerjee, A.), pp. 217-227. Rupali, Kolkata. ISBN: 98-93-81669-84-6.
  13. Roy, S. and Shukla, A.K. (Eds). (2016). *New Media in India: Current Trends and Future Prospects- A series of Essays*. Utkarsh Publication, New Delhi. ISBN: 98-93-81669-84-6.
  14. Roy, S. and Shukla, A.K. (2016). Social media in the domain of communal violence: a study of Assam riots 2012. *International Journal of Advanced Research and Innovative Ideas in Education* 2(2): 51-55. ISSN: 2395-4396.
  15. Roy, S. and Das, T. (2015). Interrogating banality: the role of media in the peace process in Nagaland. *Global Media Journal Indian Edition* 6(1): 1-12. ISSN: 2249-5835.
- Seminars/Conferences/Workshops/Training attended:**
- Presentations by faculty members:**
- Paswan, N.K. presented a paper on “Limitation and barriers of cross border Trade in India” at the National Conference on *Emerging Trends in Commerce and Accounting* jointly organized by Board of Studies, ICAI & Department of Commerce, Sikkim University, Gangtok, 2-3 November, 2015.
  - Paul, S. presented a paper on “The political construct of violence in the international society: a critique from nonviolence perspective” at the International Conference on *Gandhi and Contemporary World*, organized by Gandhi Study Circle Zakir Hussain College, Delhi University, Delhi, 24-25 February, 2016.
- Presentations by students:**
- Adhikari, Neeraj and Tikendra Kumar Chhetry presented a paper on “Bodo ethnic

identity movement and Gorkhas in proposed Bodoland region in Assam” at the National Seminar on *Ethno History of the Tribes of Northeast India* organized by Indian Council of Historical Research, Bodoland University, Kokrajhar, Assam, 11-12 January, 2016.

- Chakravorty, Tulika presented a paper on “Sustainable development and education of women of fishing community: an experience from West Bengal” at the UGC Sponsored National Seminar on *Evolution of Bengal in 20<sup>th</sup> Century in the Context of Liberal Arts and Popular Culture*, organized by the Teachers' Council, Rampurhat College, Rampurhat, Birbhum, West Bengal, 3-4 September, 2015.
- Chhetry, Tikendra Kumar presented a paper on “Identity mobilization, conflicts and linguistic minorities in India: a case of Gorkha community in Assam” at the 9<sup>th</sup> International Conference of Asian Political and International Studies Association (APISA) on *An Agenda for Asia: Human Security, Conflict Management, Security Sector Reform and Local Democratization*, Nhom Penh, Cambodia 11-12 September, 2015.
- Chhetry, Tikendra Kumar presented a paper on “Regional politics India's Northeast: analyzing the party behaviours in Sikkim at the International Conference on *Northeast India and Beyond*, organized by Department of Peace and Conflict Studies, Sikkim University sponsored by Indian Council of Social Sciences Research (ICSSR) and Indian Council for World Affairs (ICWA), Gangtok, 25-26 June, 2015.
- Chhetry, Tikendra Kumar presented a paper on “Margin at the cartography of nationality and excluded body(ies) in India: case of Gorkha in Assam” at the UGC-sponsored National Seminar on *State Politics in India: Emerging Issues and Challenges*, organized by St. Joseph College Darjeeling in collaboration with Indian Institute of Technology, Guwahati, 27-29 April, 2015.
- Chhetry, Tikendra Kumar presented a paper on “Myth-reality conflict and subalternity of history(ies) at the International Seminar on *Periphery India: Lamping the Historiography of Sikkim*, organized by Indira Gandhi Rastriya Manav Sangrahalaya and Department of Anthropology, Sikkim University, Gangtok, 25-27 April, 2015.
- Katwal, Aswant presented a paper on “Burmese Chin refugees in India: vulnerability and challenges” at the International Conferences on *India's North East and Beyond: Challenges and Opportunities*, organized by Department of Peace and Conflict Studies and Management, Sikkim University in collaboration with Indian Council of Social Science Research and ICWA, New Delhi, 25-26 June, 2015.
- Katwal, Aswant presented a paper on “Hydropower, conflict and corporation in Northeast India: a case study of the Lower Siang Hydro Electric Project, Arunachal Pradesh” at the International Conference on *Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC*, organized by Department of Geography and Research Centre, Parvatibai Chowgule College, Goa, 21-23 January, 2016.
- Yadav, Hemant Kumar presented a paper on “Role of court, Government and other institutions towards transgender, democracy and the sate of the national: India at the National Seminar on *21st Century, Centre for Study of Social Exclusion and Inclusive Policy*, organized by FSS, BHU, Varanasi, 11-12 February, 2016.
- Yadav, Hemant Kumar (2016) presented a paper on “The moderns of ancient India

regarding status of women, democracy and the state". National Seminar on 21st Century, Centre for Study of Social Exclusion and Inclusive Policy, BHU, Varanasi, 11-12 February, 2016.

- Yadav, Hemant Kumar presented a paper on "Sanitation services - unmet need of half population: problems, issues and consequences on adolescent girls at Rajiv Gandhi National Institute of Youth Development, Sriperumpudur, Tamil Nadu, 22-23 March, 2016.
- Roy, Sayantani presented a paper on "Mushroom growth of media education in India: a quality for concern at the UGC-sponsored National Workshop on *Media Teaching*, organized by Vijaygarh Jyotish Ray College, Kolkata, 5-7 December, 2015.
- Roy, Sayantani presented a paper on "Laws and ethics of Indian news media: anomalies and challenges at the UGC-sponsored National Seminar on *Mass Media Laws in India: A Time to Review*, Institute of Law, Jiwaji University, Gwalior, 5-6 March, 2016.
- Subba, Bittu presented a paper on "Development perspectives of Limboo tribe in Sikkim at the National Seminar on *Samvaad: A Tribal Conclave*, organized by Tata Steel, Tribal Culture Society (TCS), Jamshedpur, Jharkhand, 15-18 November, 2015.
- Brahma Swgwmkhang participated in Workshop and Demonstration on Sattriya and Bodo Folk Dance, organized by the Extension Activity Cell in collaboration with Women's Cell and IQAC, Janata College, Serfanguri, Kokrajhar, Assam, October, 2015.
- Tulika Chakravorty participated in a Short Term Workshop on Visual Anthropology and Ethnographic Films: Theory and Practice,

organized by Department of Anthropology, Sikkim University, Gangtok 13-17 July, 2015.

- Waseem Ahmad Shah (2015) attended two-week Research Methodology Course in Asian Studies, organized by Maulana Kalam Azad Institute of Asian Studies, Kolkata, 15 June to 2 July, 2015.

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

- Tulika Chakravorty delivered an invited lecture on 'Techniques of literature review' as a Resource Person in the one week National Workshop on *Research Methodology and Quantitative Methods*, organized by RTMNU, C.P. & Berar E.S. College, Tulsibag, Nagpur, 16-22 November, 2015.

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

- Department of Peace and Conflict Studies organized the International Conference on *Northeast India and Beyond*, sponsored by Indian Council of Social Sciences Research (ICSSR) and Indian Council for World Affairs (ICWA), Gangtok, 25-26 June, 2015.

#### **Outstanding achievements of the Department during 2015-16:**

- Urbashi Chhetri of MPhil was awarded Dr. Ambedkar Fellowship National Award-2015 in recognition of the commendable literary, social and cultural services rendered for the upliftment of downtrodden oppressed and depressed people of the country, by Bharitya Dalit Sahitya Akademi on 12 December, 2015.

#### **Projects (Details of faculty wise projects undertaken during 2015-16): Nil**

#### **Number and names of UGC/CSIR/SLET qualified students during 2015-16: Nil**

## 6. Department of Political Science

<b>Name of the Head</b>	: Dr. Durga Prasad Chhetri
<b>Tel.</b>	: 03592 201827
<b>Mobile</b>	: 098320 33837
<b>Email</b>	: dpchettri@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate-45; MPhil -8; PhD - 2

### Faculty Profile:

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Durga Prasad Chhetri	Associate Professor	15-05-2014	2 MPhil; 1 PhD	1	nil
Dr. Om Prasad Gadde	Assistant Professor	25-05-2013	2 MPhil; 1 PhD	7	nil
Mr. Bidhan Golay	Assistant Professor	01-07-2013	nil	1	nil
Dr. Amit Kumar Gupta	Assistant Professor	30-04-2014	2 MPhil	1	nil
Mr. Budh Bahadur Lama	Assistant Professor	02-06-2014	nil	3	nil
Ms Swastika Pradhan	Assistant Professor	23-11-2015	2 MPhil	1	nil

### Publications during 2015-16:

#### Journals:

- Chhetri, D.P. (2015). Women in urban Governance: the impact of affirmative action. *Journal of Development Management and Communication* 2(3):292-299.
- Omprasad, G. (2015). India and World Bank relations: an evaluation of India's role in the evolution of the World Bank. *International Journal of Current Research* 7(8):19797-19803.
- Omprasad, G. (2015). Sectoral impact of World Bank loans to India in the pre and early liberalisation period: an assessment of agriculture, social and power sectors. *Journal of Economics Bibliography* 2(3):117-127.
- Omprasad, G. (2015). Examining the role of World Bank in shaping the industrial policy in India. *International Journal of Political Science* 1(2): 1-5.
- Omprasad, G. (2015). World Bank policies vis-a-vis India: a study of agricultural sector in the pre-liberalisation period. *South Asian Journal of Socio-Political Studies* XVI(1): 41-44.
- Omprasad, G. (2015). Foreign loans and development in the twentieth century India: an over view of conceptual issues and implications. *Journal of Economics Bibliography* 2(4): 220-230.
- Omprasad, G. (2016). From project based lending to policy based lending: an evaluation of structural adjustment lending policy of World Bank. *Journal of Social and Administrative Sciences* 3(1): 56-62.

8. Golay, B. (2015). Colonial Governmentality and the Nepali nationalist discourse. *Cafe Dissensus*, Issue 20 (Online) ISSN No ISSN 2373-177X <https://cafedissensus.com/2015/12/04/contents-gorkhaland-issue-20/>

#### **Book chapters:**

9. Chettri, K. and Omprasad, G. (2015). Forced migration in South Asia: a case study of Bhutanese migrants in Nepal. In: *Human Resource Mobility in South Asia: Achievements and Implications* (Eds: Bharadwaj, V. K. and Chettri, A.). G.B. Books, New Delhi, pp. 125-140. ISBN: 9789383930173.
10. Gupta, A.K. (2015). The Issue of ethnic identity in Indo-Nepal relations. In: *India and Her Neighbours: Towards a Proactive Partnership*, (Ed: Alam, M.B. ). Kalpaz Publications, Delhi, pp. 269-278. ISBN: 978-93-5128-120-7.
11. Lama, B.B. (2015). Women's participation in panchayats: an assessment. In: *Women in Contemporary India: aspects of Participation and Empowerment* (Eds: Modak, D. and Khan, E.). Education Forum, Kolkata, pp. 298-307. ISBN: 978-93-82600-12-1.
12. Lama, B.B. (2015). Participatory democracy and community development: a critique on Gram Panchayats in West Bengal. In: *The Barefoot Transformation: West Bengal and Beyond* (Eds: Chakraborty, T. and Begam T.) Levant Books, Kolkata, pp. 67-83. ISBN: 978-93-84106-28-7.
13. Lama, B.B. (2016). Indo-Nepal bilateral relations: a study on the impact of the Open border issue. In: *Unique Asian Triangle: India, China and Nepal*, (Eds: Kochhar, G. and Jaiswal, P.). G. B. Books, New Delhi, pp. 82-98. ISBN: 978-93-83930-34-0.
14. Pradhan, S. (2015). Development induced destruction and social movements: a study of the movements against dams in the Teesta. In: *Post Nehruvian Politics in India: Agitations, Assimilations, Assertions and Consequences*

(Eds: Chakrabarty, M. and Yadav, S.). Levant Books, Kolkata, pp.184-194. ISBN: 9789384106249.

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

- Chhetri, D.P. presented a paper on “Engaging rural community: exploring the institutional dimensions of traditional local Governance and community strengthening” at the International Conference on *Contemporary Debates in Public Policy and Management*, organized by IIM, Kolkata, 15-17 January, 2016.
- Chhetri, D.P. presented a paper on “The shifting of power to the periphery: the impacts of decentralisation on wellbeing of the poor” at the International Conference on *Gross National Happiness*, organized by Centre for Bhutan Studies, Thimphu, Bhutan 4-6 November, 2015.
- Chhetri, D.P. presented a paper on “Empowering rural women through MGNREGA: experience from West Bengal” at the ICSSR sponsored National Interdisciplinary Seminar on *Regional Disparities, Development and Challenges in India*, organized by Sikkim Government College, Burtuk, 2-4 November, 2015.
- Omprasad, G. presented a paper on “Quest for separate statehood: an overview of women participation in Telangana movement” at the International Conference on *Engendering Democracy in South Asia: Issues and Challenges*, organised by the Department of Political Science, Sikkim University, in collaboration with ICSSR, Gangtok, 22-23 May, 2015.
- Omprasad, G. presented a paper on “Sub-regional Cooperation in South Asia: scope and opportunities for energy sector” at the National Conference on *'Revitalizing Relations with 'Extended Neighbourhood': New Opportunities and Future Directions for India's Foreign Policy*, organized by Department of Political Science, Ravenshaw

University, Cuttack, in collaboration with ICWA, New Delhi, MAKAIAS, Kolkata 30-31 October, 2015.

- Omprasad, G. presented a paper on “Through the North East to the East: possibilities and opportunities of energy trade between India and Myanmar” at the National Conference on *India's North Eastern States and Eastern Neighbours: The Way Forward*, organized by Asian Confluence, Shillong in collaboration with ICWA, New Delhi 5-6 December, 2015.
- Gupta, A.K. presented a paper on “The Strategic trajectory of India's foreign policy: Post-Pokhran II” at the National Conference on *India in the Emerging International Order: Issues and Opportunities* organized by JAIR (Jadavpur Association of International Relations) and Department of Political Science, St. Joseph's College, Darjeeling, 2-3 November, 2015.
- Gupta, A.K. presented a paper on “Comprehending democracy as a soft power tool” at the International Conference on *Engendering Democracy in South Asia: Issues and Challenges* organized by Department of Political Science, Sikkim University, Gangtok, 22-23 May, 2015.
- Lama, B.B. presented a paper on “The struggle for local Government: in the context of Indian democracy” at the International Conference on *Engendering Democracy in South Asia: Issues and Challenges* organized by the Department of Political Science, Sikkim University, Gangtok, 22-23 May, 2015.
- Lama, B.B. presented a paper on “Participatory democracy and human development: The Indian context” at the Two-day UGC-sponsored National Seminar on *Participation as a Medium of Empowerment in Community Development*, organized by P. K. Contai College in collaboration with SSB Egra College, Purba Medinipur, West Bengal, 11-12 February, 2016.

- Lama, B.B. presented a paper on “Understanding identity politics: from different approaches” at the National Seminar on *Contemporary Issues in Political Thought: Justice, Green and Identity*, organized by the Department of Political Science with Rural Administration, Vidyasagar University, West Bengal, 16-17 March, 2016.

#### **Seminars/Conferences/Workshops/Training (by Students)**

- Kaleon, Palmu presented a paper on “Women in politics: a study of tribal women's participation in local Governance” at the ICSSR sponsored National Interdisciplinary Seminar on *Regional Disparities, Development and Challenges in India*, organized by Sikkim Government College, Burtuk, Gangtok, 2-4 November, 2015.
- Rai, Susan presented a paper on “Women in politics: reservation of women and participation in PRI” at the ICSSR sponsored National Interdisciplinary Seminar on *Regional Disparities, Development and Challenges in India*, organized by Sikkim Government College, Burtuk, Gangtok, 2-4 November, 2015.
- Ghatani, Smriti presented a paper on “Empowering rural women through MGNREGA: experience from West Bengal” at the ICSSR sponsored National Interdisciplinary Seminar on *Regional Disparities, Development and Challenges in India* organized by Sikkim Government College, Burtuk, Gangtok, 2-4 November, 2015.
- Sherpa, Mingma Ongchun presented a paper on “Regional disparities and politics of marginal communities: understanding the Gorkha identity politics in India” at the ICSSR sponsored National Interdisciplinary Seminar on *Regional Disparities, Development and Challenges in India*, organized by Sikkim Government

College, Burtuk 2-4 November, 2015.

- Bhutia, Thinley Palden presented a paper on “An analysis of sustainability of fair Trade Plantations in Darjeeling Hills” at the Interdisciplinary National Seminar on *Rural Development and Challenges in India*, organized by Clunny Women's College, Kalimpong 21-22 March, 2016.

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

**Seminars/Workshops/Conferences, etc.**

**Durga Prasad Chhetri:**

Purpose of visits	Institute, Place and Country	Date
<b>Invited Speaker</b> UGC Sponsored National Seminar on Democracy, Discontent and Autonomy Demands	Netaji Subhas Mahavidyalaya, Haldibari, Coochbehar, West Bengal	9 October, 2015
UGC sponsored National Seminar on Women Empowerment in India	Sitalkuchi College, Coochbehar, West Bengal	27November, 2015
<b>Chair</b> UGC Sponsored National Seminar on Democracy, Discontent and Autonomy Demands	Netaji Subhas Mahavidyalaya, Haldibari, Coochbehar, West Bengal	9 October, 2015
UGC sponsored National Seminar on Women Empowerment in India	Sitalkuchi College, Coochbehar, West Bengal	27November, 2015
<b>Invited Resource Person/Guest Speaker</b> Sikkim State Commission for Women in collaboration with National Commission for Women, Government of India	Sikkim State Commission for Women, Gangtok, Sikkim	24 April, 2015

**Projects (Details of faculty wise projects undertaken during the year):** Nil

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

Ms Susan Rai qualified UGC-NET.

**Nomination to any Academic Bodies /Societies /Government/Departments/Ministries/ Universities/Institutes during 2015-16, if any:**

Durga Chhetri was nominated as Advisor for State Project Directorate, Human Resource Development Department, Government of Sikkim in 2016.

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16**

- Department of Political Science organized two-day International Conference on *Engendering Democracy in South Asia: Issues and Challenges* on May 22-23, 2015 at Sikkim University (Convener: Durga P Chhetri)



From L to R: Dr. D.P. Chhetri, Prof. T.B. Subba, Prof. Samir Kr. Das and Prof. L.R. Baral



The Department of Political Science organized a study tour to Delhi from 30 December 2015 to 6 January 2016.

## 7. Department of Sociology

<b>Name of the Head</b>	: Dr. Swati Akshay Sachdeva
<b>Telephone</b>	: 03592-231547
<b>Mobile</b>	: 9434144111
<b>Email</b>	: sasachdeva@cus.ac.in
<b>Number of students enrolled during 2014-15</b>	: Post-graduate-29; PhD-6.

### Faculty Profile:

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Swati Akshay Sachdeva	Associate Professor	20-10-2008	2 PhD	2	2
Dr. Sandhya Thapa	Associate Professor	15-05-2014	2 PhD	2	nil
Dr. Khangembam Indira	Assistant Professor	29-03-2012	2 PhD	2	nil
Dr Naynee Basu	Assistant Professor	09-11-2015	nil	nil	nil
Shri Shankar Narayan Bagh	Assistant Professor	08-12-2015	nil	1	nil

### Publications during 2015-16:

#### Journals:

1. Sachdeva, S.A., Thapa, S. Indira, K., Das, S. and Ishfaq, N.N. (2016). Rural housing in Sikkim: an assessment of CMRHM. *Eastern Quarterly*10 (1&2): 42-56.
2. Khangembam, I. (2015). Drug trafficking in Indo-Myanmar border and its consequences in Manipur. *Voice of Intellectual Man* 5 (2): 37-48. ISSN: 2231-6914.
3. Thapa, S. (2016). Sarva Shiksha Abhiyan and girls' education: a trend analysis. *Eastern Quarterly*10 (1&2): 27-41.

#### Books and Book-chapter:

4. Sachdeva, S.A. (2015). Crime against women in Sikkim: an overview. In: *Relocating Women's Equality*, (Ed: Kumar, P. and Gupta, S.), pp. 129-142. Rawat Publication, Jaipur. ISBN: 9788131607428.

5. Khangembam, I. (2015). Meira Paibi movement in Manipur: a socio-historical analysis. In: *Relocating Womens Equality*, (Ed: Kumar, P. and Gupta, S.), pp.301-315. Rawat Publication, Jaipur. ISBN: 9788131607428.
6. Bagh, N.S. (2015). Resistance and Justice Movements: Mining. In: *The Module of Development, Globalisation and Society*, (Ed: Sherry Sabbarwal), pp. 1-23. EPATHSHALA, MHRD, Government of India, New Delhi.

#### Seminars/Conferences attended:

- Sachdeva, S.A. presented a paper on "Gendering monasticisms" at the International Conference on *Cultural Heritage of Sikkim*, organized by the Department of Anthropology, Sikkim University in collaboration with Indira Gandhi Rashtrya Manav Sangrahalaya of Bhopal, Gangtok, 25-27 April, 2015.

- Sachdeva, S.A. and Thapa, S. presented a paper on “Crime against women in Sikkim at the Seminar on *Police, Internal Security and Human Rights; Issues and Challenges in North East India*, organized by ICSSR, Gangtok, 25-26 April, 2015.
  - Thapa, S. presented a paper on “Social dimension of higher education in Sikkim” at the National Seminar in *Social Dimension of Development in North Bengal and Sikkim*, organized by Department of Sociology, University of North Bengal, Siliguri, 10-11 March, 2016.
  - Thapa, S. presented a paper on “Education, mobility and sustainability” at the workshop on *Human Survivability*, organized by Sikkim University and Kyoto University, Gangtok, 21-22 March, 2016.
  - Khangembam, I. presented a paper on “Interpretation of the significant cultural symbols of Buddhism in Sikkim” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with Indira Gandhi Rashtrya Manav Sangrahalaya of Bhopal, Gangtok, 25-27 April, 2015.
  - Khangembam, I. presented a paper on “Change of culture in North East India”, at the International Conference on *India's Northeast and Beyond: Challenges and Opportunities*, organized by Department of Peace and Conflict Studies & Management, Sikkim University, Gangtok, 25-26 June, 2015.
  - Bagh, N.S. presented a paper on “Disciplining or reinventing the tradition: colonialism and the making of 'Toki-Parab' festival in Kalahandi Orissa” at All India Sociological Conference, KIIT University, Bhubaneswar, 27-29 December, 2015.
  - Chowdhury, S. presented a paper on “Dynamics of culture: a study of socio-cultural change and continuity amongst the Lepchas of Sikkim” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with Indira Gandhi Rashtrya Manav Sanghrayala of Bhopal, Gangtok, 25-27 April, 2015.
- Invited lectures delivered:**
- Thapa, S. delivered talk on “Gender Equality and Women Empowerment”, Gender Sensitization Unit, Sikkim Government College, Tadong, 25 May, 2015
  - Thapa, S. delivered talk on “Understanding Sociological Perspectives”, Sikkim Government College, Tadong, 25 September, 2015.
  - Thapa, S. as Resource Person for Six Days Workshop on “Women Connect for Leadership & Change” organized by Rajiv Gandhi National Institute of Youth Development, Ministry of Youth Affairs & Sports, Government of India and University of North Bengal, Siliguri, 11-16 January, 2016.
  - Thapa, S. delivered talk on “Understanding and appreciating the concept of Gender in Culture with special reference to tribal education” at Tribal Teacher's Training Programme on “Enhancing Understanding Of Indigenous Traditions”, organized by the Centre For Cultural Resources and Training (CCRT) of New Delhi, Gangtok, 2 March, 2016.

**Research Projects:**

Swati A. Sachdeva:

Sl. No.	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
1	A Multi-Disciplinary Impact Assessment Study on Rural Housing in Sikkim	Rural Management and Development Department, Government of Sikkim	1 Year	8.75 Lakhs	4
2	Insights into the socio-economic conditions and question of identity among the Tibetan refugees of the Indian Himalayas	ICSSR	2 Year	6.4 Lakhs	1

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16.**

**Workshop on A Psycho Social Inquiry into Suicide: Suggestions and Interventions**

The workshop entitled “A Psycho Social Inquiry into Suicide: Suggestions and interventions” jointly organized by the Department of Sociology, Sikkim University and Department of Health and Family Welfare Services, Government of Sikkim, was held at Barad Sadan, Sikkim University on the 28<sup>th</sup> and 29<sup>th</sup> June, 2015. Hon'ble Member of Parliament Lok Sabha Shri P.D. Rai inaugurated the workshop. The programme was designed to bring local resource persons together with external resource persons to discuss the issues of suicide. The external resource persons for the workshop included Professor Emeritus Rashmi Jaipal, Cross Cultural psychologist, Representative of the American Psychological Association at the UN, New York. Prof. Honey Oberoi, Prof. Ashok Nagpal, Dr. Shifa Haq and Rajinder Singh from Department of Human Studies, Ambedkar University Delhi, Dr. Sunil Verma, Vivekananda College, University of Delhi, Arvinder Singh and Kavita Shri Ram, Psychological Counselor, Sanjivini NGO Delhi. The local participants included the doctors and health officials from Department of Health, teachers from various schools and members of NGOs. It was a multi-

stakeholder workshop where resources, organizations and partners who can provide services for the cause were identified.



(L to R): Prof Honey Oberoi, Dept of Human Studies, Ambedkar University, Delhi, Dr C.S. Sharma, Chief Psychiatrist, STNM Hospital, Sikkim, and Prof. Rashmi Jaipal from the US.



(L to R): Sri T.K. Kaul, ADG Akshay Sachdeva, Dr. K. Bhandari, Sri P.D. Rai and Prof. T.B. Subba

**Nomination to any Academic Bodies /Societies /Government Departments /Ministries/ Universities/Institutes during 2015-16, if any:**

- Swati Sachdeva was nominated as member of State Level Monitoring Committee by Government of Sikkim to enforce Cable Television Networks (Regulation) Act 1995.

**Outstanding achievements of your Department (teachers and students) during 2015-16, if any:**

Dr. Swati Akshay Sachdeva was selected as Inspired Teacher of the university.

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

7 students qualified NET:

1. Manita Subba (4th Semester) qualified UGC-JRF NET
2. Yumnam Surjya Jeevan (3rd Semester) qualified UGC-JRF NET
3. Richa Ali (4th Semester) qualified UGC-Lectureship NET
4. Amit Khawas (4th Semester) qualified UGC-Lectureship NET
5. Viveka Gurung (4th Semester) qualified UGC-Lectureship NET
6. Bhibhusan Regmi (4th Semester) qualified UGC-Lectureship NET
7. Ugen Dukpa (4th Semester) qualified UGC-Lectureship NET

## SCHOOL OF LIFE SCIENCES

<b>Name of the Dean</b>	: Prof. Jyoti Prakash Tamang, Professor in Microbiology
<b>Telephone</b>	: 03592-251188
<b>Mobile</b>	: 08016099902
<b>Email</b>	: jptamang@cus.ac.in
<b>Number of Departments under the School</b>	: 4

### 1. Department of Botany

<b>Name of the Head</b>	: Dr. N. Sathyanarayana ( <i>till 31.01.2016</i> )
<b>Telephone</b>	: 03592-231270
<b>Mobile</b>	: 08348566069
<b>Email</b>	: nsathyanarayana@cus.ac.in
<b>Name of the Head</b>	: Dr. Dhani Raj Chhetri ( <i>w.e.f. 01.02.2016</i> )
<b>Telephone</b>	: 03592-231270
<b>Mobile</b>	: 9434368399
<b>Email</b>	: drchhetri@cus.ac.in
<b>Students enrolled during 2015-16</b>	: Post-graduate-35; PhD 4

## Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of PhD students	Number of Publications	Extra-mural Research Project
Dr. N. Sathyanarayana	Associate Professor	12-03-2012	1 PhD	5	nil
Dr. Dhani Raj Chhetri	Associate Professor	07-05-2012	1 PhD	2	1
Dr. N. Bijaya Laxmi Devi	Assistant Professor	02-07-2012	1 PhD	nil	1
Dr. Santosh Kumar Rai	Assistant Professor	29-05-2013	nil	nil	1
Dr. Arun Chettri	Assistant Professor	22-04-2014	1 PhD	1	nil
Dr. Arun Kumar Rai	Assistant Professor	17-11-2015	nil	1	1

### Publications during 2015-16:

#### Journals:

1. Chhetri, D.R. and Lepcha, D.L. (2015). Simulated osmotic stress induces metabolic effects in *Rhododendron arboreum* Smith. *Indian Journal of Plant Sciences* 4 (2): 67-70.
2. Yonzon, S., Jha, S. and Chhetri, D.R. (2015). Gluconeogenic Fructose 1,6-Bisphosphatase from *Ginkgo biloba* L.: isolation and characterization. *Annals of Plant Sciences* 4 (5): 1116-1112.
3. Sathyanarayana, N., Mahesh, S., Leelambika, M., Jaheer, M., Chopra, R. and Rashmi, K.V. (2016). Role of genetic resources and molecular markers in *Mucuna pruriens* (L.) DC improvement-a review. *Genetic Resources: Characterization and Utilization*. doi:10.1017/S147926211600007 (Impact factor: 0.58).
4. Shetty, P., Sharma, S. and Sathyanarayana, N. (2015). Exploiting legume EST databases for the development of gene-derived SSR-markers in medicinal legume *Mucuna pruriens* L. (DC.). *Electronic Journal of Plant Breeding* 6(4): 1041-1051.
5. Mahesh, S. and Sathyanarayana, N. (2015). Intra-specific variability for salinity tolerance in Indian *Mucuna pruriens* L. (DC.) Germplasm. *Crop Science and Biotechnology* DOI: 10.1007/s12892-015-0019-7.
6. Jaheer, M., Chopra, R., Kunder, K.R., Bhat, D., Rashmi, K.V. and Sathyanarayana, N. (2015). Cytogenetic and ITS-*psbA-trnH* sequence analysis for phylogenetic inference in *Mucuna* Adans. sp. of India. *Tropical Plant Biology* DOI 10.1007/s12042-015-9154-z (Impact factor: 1.53).
7. Mahesh, S., Leelambika, M., Jaheer, Md., Anithakumari, A.M. and Sathyanarayana, N. (2015). Genetic mapping and QTL analysis of agronomic traits in Indian *Mucuna pruriens* using an intra-specific F2 population. *Journal of Genetics* 95(1): 35-44 (Impact factor: 1.09).
8. Pradhan, A., Chettri, A. and Gurung, S. (2015). Diversity and distribution of genus *Dioscorea* in Sikkim Himalaya, India: an application of DIVA-GIS. *NeBIO International Journal of Environment and Biodiversity* 6(3): 29-31.

#### Book and Book-chapters:

9. Chhetri, D.R. (2015). *Medicinal Plants of the Himalaya: Production Technology and Utilization*. Agrobios (India), Jodhpur, pages 231. ISBN: 978-81-7754-558-6.
10. 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.). CRC Press, Taylor & Francis Group, New York, pp. 1-110. ISBN: 978-1-4665-88097.

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

- Lepcha, N.T. and N. Bijaya Laxmi presented a paper on “Biodiversity and uses of indigenous medicinal plants of Sang Village, East Sikkim” at National Seminar on Value Addition of Ayurvedic Herbal Resources Through Good Agricultural and Field Collection Practices, organized by Ayurveda Regional Research Institute, Gangtok, 20-21 November 20, 2015.
- Arun Chettri participated in three days workshop cum training programme on “Phylogenetic Biology”, organized by the Department of Botany, Sikkim University, Gangtok, 23-25 September, 2015.
- Arun Chettri presented a paper on “Predicting distribution range of *Begonia satrapis* Clarke, a rare and endemic plant species from Sikkim Himalaya in the Present Climatic Scenario” at the Seminar on *Climate Change and Exhibition Risks*, organized by Department of Botany, St. Joseph's College, Darjeeling, 26-28 June, 2015.
- Arun Chettri attended the Summer School on “Environmental Justice and Water Governance in the Eastern Himalaya” hosted by Department of Geography, Sikkim University in collaboration with Wageningen University of The Netherlands, Gangtok, 27

June to 1 August, 2015.

- Santosh K. Rai participated in three-day workshop cum training programme on “Phylogenetic Biology”, organized by the Department of Botany, Sikkim University, Gangtok, 23-25 September, 2015.

#### Seminars/Conferences/Workshops/Training by Ph.D. students

- Pradhan Aditya presented a paper on “Predicting the distribution range of *Begonia satrapis* Clarke, a rare and endemic plant species from Sikkim Himalaya in the present Climatic scenario” at UGC-sponsored National Seminar, organized by Department of Botany, St. Joseph's College, Darjeeling in collaboration with Teesta Torsa Agro Care Welfare Society of Kalimpong, Darjeeling, 26-28 June, 2015.
- Pradhan Aditya presented a paper on “Diversity and distribution of *Dioscorea* in Sikkim Himalaya: an application of DIVA-GIS” at DST-sponsored by DST, Govt. of India, organized by Department of Botany, Arya Vidhyapeeth College, Guwahati in collaboration with Foundation for Development Integration, Guwahati, 6-7 November, 2015.
- Pradhan Aditya presented a poster on “Examining cross cultural ethnobotanical study between Rai and Limboo community of Sikkim in the Background of Drug Discovery” at Ayurvedic Regional Institute, Gangtok, Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH, Govt. of India, Gangtok, 20-21 November, 2015.

**Invited lectures delivered:**

Name of teachers	Purpose of visits	Institute, Place and Country	Date
<b>Dr. D.R. Chhetri</b>	Invited Speaker: National Seminar on “Value Addition of Ayurvedic Herbal Resources through Good Agricultural and Field Collection Practices”	Ayurveda Regional Institute, Gangtok	20-21 November, 2015
<b>Dr. N Sathyanarayana</b>	Invited Speaker: Workshop on Recent advances in Biotechnology	Biotech Hub, Sikkim Govt. College, Tadong, Gangtok, Sikkim	29 May, 2015
	Invited Speaker: One-day awareness program on Intellectual Property Rights	Sikkim State Council for Science & Technology, Gangtok	8 April, 2015
<b>Dr. Arun Kr. Rai</b>	Invited Speaker: International Conference on Fermented Food and Beverages: Microbiology and Health Benefits	Sikkim University, India	20-21 November, 2015

**Refresher Course/Orientation programme attended:**

*Analysis by Real-Time PCR at South Asian University, New Delhi, 9-11 December, 2015.*

- Dr. Dhani Raj Chhetri attended the International Workshop on *Gene Expression*

**Research Projects:**

Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
<b>Dr. D.R. Chhetri</b> Sustainable use of Sikkim Himalayan Biodiversity for socio-economic development of mountain villages with special reference to <i>Ophiocordyceps sinensis</i> , <i>Hippophae salicifolia</i> , <i>Docyniaindica</i> and <i>Rhuschinensis</i> : Technology development, alternative livelihood and conservation.	National Mission on Himalayan Studies (NMHS), Ministry of Environment, Forest and Climate Change, Government of India	3 years (2016-19)	94.196 lakhs	3 (JRF)
<b>Dr. Arun Kr. Rai</b> Study on lesser-known wild edible plants as a food resource of Sikkim Himalayas: Need for domestication.	University Grant Commission	1 year (2016-17)	10.0 lakhs	Nil
<b>Dr. N. Bijyalaxmi Devi</b> Assessment of carbon stock and sequestration potentials in major land use sectors of Sikkim.	Department of Science and Technology, New Delhi	3years (2015-18)	44.1692 Lakhs	2 (JRF)
<b>Dr. Santosh Kr. Rai</b> Building Regional Students and Faculty Collaboration for Environment Awareness and Conservation	Himalayan University Consortium, ICIMOD	1½ years (2015-2017)	US\$ 8735	nil

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

**Field Visits:**An Educational Tour was organized from 12 to 21 December 2015 for the students of III Semester to Herbal garden of the University of North Bengal, Jaldapara National Park, Buxa Tiger Reserve, Totopara village, North Eastern Hill University, Shillong (Meghalaya), Guwahati University (Assam), Cotton College State University, Guwahati (Assam), National Institute of Pharmaceutical Education & Research (NIPER), Guwahati (Assam), Deepar Bheel Wildlife Sanctuary (Assam) and a field visit to Regional Sericulture Centre, Bodoland Territorial Council (BTC), Rangia (Assam)



(A group photograph in front of Library, NEHU)

One day invited talk on “An integrative approach to the conservation of plant Genetic Resources of North-East India” by Prof. Pramod Tandon, former Vice-Chancellor, NEHU, organized by the Department of Botany on 23-25 September, 2015.



**Seminars and workshops:**

Three-day hands-on Training cum workshop on “**Phylogenetic Biology**” organized by the Department of Botany on 23-25 September, 2015. Prof. R. Geeta from Delhi University was the resource person invited to instruct the participants during workshop.



Dr.H.Rahman, Registrar of NIPER-Guwahati Interacting with Students of Sikkim University.

**Number and names of UGC/CSIR/ICAR-NET/ SLET qualified students during 2015-16: Nil**

## 2. Horticulture

<b>Name of the Head</b>	: Dr. S. Manivannan ( <i>till 31.01.2016</i> )
<b>Telephone</b>	: 03592-250060
<b>Mobile</b>	: 07602878189
<b>Email</b>	: smanivanan@cus.ac.in
<b>Name of the Head</b>	: Dr. Laxuman Sharma ( <i>w.e.f. 01.02.2016</i> )
<b>Telephone</b>	: 03592-250060
<b>Mobile</b>	: 9434217895
<b>Email</b>	: lsharma@cus.ac.in
<b>Students enrolled during 2015-16</b>	: Under-graduate- 28; Post-graduate- 20; PhD- 4

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of PhD students	Number of Publications	Extra-mural Research Project
Dr. S. Manivannan	Associate Professor	30-04-2012	1 PhD	1	nil
Dr. Laxuman Sharma	Associate Professor	23-06-2014	1 PhD	2	nil
Dr. Niladrai Bag	Associate Professor	10-02-2016	nil	4	nil
Dr. Sujata Upadhyay	Assistant Professor	29-03-2012	1 PhD	nil	nil
Dr. Manju Rana	Assistant Professor	29-03-2012	1 PhD	nil	nil
Dr. Karma Diki Bhutia	Assistant Professor	23-05-2014	nil	2	nil
Shri Rajesh Kumar	Assistant Professor	08-12-2015	nil	nil	nil

#### Guest Faculty:

Saurav Das

Dr. A. P. Rao

Prof. K. K. Jindal

#### Publications by faculty members during 2015-16:

##### Journals:

- Sharma, L., Pradhan A., Bhutia, K.D. Bhutia, Tamang, D.L. and Bhutia, S.G. (2015). Local crop germplasm and landraces diversity in West Sikkim. *Journal of Agriculture Technology* 2(1&2): 57-59.
- Bhutia, K.D., Pala, N.A., Shukla, G., Pradhan, K., Suresh, C.P. and Chakravarty, S. (2015). Informants consensus and knowledge on the use of wild edible fruits of Sikkim, India. *Journal of Hill Agriculture* 6(2): 207-216. ISSN 0976 7606.
- Chaurasiya, J., Verma, R.B., Ahmad, M., Adarsh, A., Kumar, R. and Pratap, T. (2015). Influence of plant growth regulators on growth, sex expression, yield and quality of Muskmelon (*Cucumis melo* L.). *Ecology, Environment and Conservation* 22: 39-43.

4. Pradhan, A.M., Bista, C. and Manivannan, S. (2015). An Alternative source of livelihood: socio-economic analysis of organic vegetable growing in Nepal: a case study. *International Journal of Science and Research* 4(4):924-928.
5. Venugopal, G., Venkateswara, Rao T and Rao, A.P. (2016). Potential mosquito repellent compounds of *Ocimum* species against 3N7H and 3Q8I of *Anopheles gambiae*. *Biotech*, 6(1): 26-33.
6. Parupudi, P., Kethineni, C., Dhamole, P.B., Vemula, S., Prasada Rao, A., Botlagunta, M., Kokilagadda, S. and Reddy S. (2016). CO<sub>2</sub> fixation and lipid production by microalgal species. *Korean Journal of Chemical Engineering* 33(2): 587-593.
7. Gaddaguti, V., Reddy, S., Rao, B.V., Rao Talluri, V. and Rao, A.P. (2015). Pharmacognostic and preliminary phytochemical evaluation of *Ocimum basilicum* var. *pilosum* (Willd.) Benth. and *O. tenuiflorum* var. CIM-AYU. *International Journal of Pharmacognocny and Phytochemical Researsh* 7(3): 519-526.

#### Book chapter:

8. Sharma, L. and Singh A. K. (2016). Algal biofuel: A sustainable green energy. In: *Research on Biotechnology in India: Some Initiatives and Accomplishments*, (Eds: Bag, N., Murgan, R. and Bag, A.). New India Publishing Agency, New Delhi, pp. 205-222. ISBN: 978-93-85516-25-2.
9. Bag N. (2016). Micropropagation of Bamboo towards large-scale production of tissue culture raised bamboo. In: *Research on Biotechnology in India: Some Initiatives and Accomplishments*, (Eds: Bag, N., Murgan, R. and Bag, A.). New India Publishing Agency, New Delhi, pp. 63-88. ISBN: 978-93-85516-25-2.
10. Bag, A. and Bag N. (2016). Elementary biostatics. In: *Research on Biotechnology in India: Some Initiatives and Accomplishments*,

(Eds: Bag, N., Murgan, R. and Bag, A.). New India Publishing Agency, New Delhi, pp. 283-298. ISBN: 978-93-85516-25-2.

#### Books:

11. Bag, N. (2015). *Biotechnology of Bamboo: Present and Future*. Kunal Books, New Delhi, pages 137. ISBN: 978-93-82420-79-8.
12. Bag, N., Murgan, R. and Bag, A. (2016). *Research on Biotechnology in India: Some Initiatives and Accomplishments*. New India Publishing Agency, New Delhi, pages 308, ISBN: 978-93-85516-25-2.

#### Research papers by students:

1. Kushwaha, J.K., Pandey, A.K., Dubey, R.K., Singh, V. and Mailappa, A.S. (2015) Aluminium toxicity on cowpea genotypes and its effect on plant and soil characteristics. *Legume Research*. DOI: 10.18805/lr.v0iOF.9281
2. Khatoon, U., Dubey, R.K., Singh, V., Upadhyay, G. and Pandey, A.K. (2016). Selection parameters for fruit yield and related traits in *Luffa acutangula* (Roxb.) L. *Bangladesh Journal of Botany* 45(1):75-84.
3. Singh A.K, Pandey, Y. and Mishra N.K. (2015). Evaluation of hybrids and selections of mango (*Mangifera indica* L.) under Tarai region of Uttarakhand. *Progressive Horticulture* 47(1):61-65.
4. Pandey, Y., Singh A.K., Bhatt S.S. and Singh A. (2015). Physico-chemical analysis of different mango cultivars under Tarai region of Uttarakhand. *Bioved* 26(1, 2): 1-7.
5. Pandey, Y. and Bhatt, S.S. (2016). Overview of Himalayan yellow raspberry (*Rubus ellipticus* Smith.): A nutraceuticals plant. *Journal of Applied and Natural Science* 8(1): 494-499.
6. Singh, A., Bhatt, S.S., Pandey, Y, Kumar, N. and Adarsh, A. (2016). Efficacy of auxins and gibberellic acid on floral attributes and essential oil yield on German Chamomile (*Matricaria chamomilla* L.). *Medicinal Plants* 8(1): 52-55.

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

- Sharma, L., Bhutia, N.T., Bhutia, K.S., Subba, P. and Bhutia, K.D. presented a paper on “Agro ecological situation based cropping system and technology gap for strategic planning for horticulture crop production in West Sikkim” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Denzongpa, R., Sharma, T. and Sharma, L. presented a paper on “Assessment of harvesting time, yield and income in low cost poly tunnel grown cucumber (*Cucumis sativus* L.) landrace in mid and low hills of Sikkim” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Subba, P., Upadhyay, S., Manivannan, S., Muddarsu V.R. and Lepcha, R. presented a paper on “Determination of nutritional profile of Himalayan Filbert (*Corylus ferox*)” at the 3<sup>rd</sup> Third International Symposium on Underutilized Species (ISUPS 2015), organized by International Society of Horticultural Science of Belgium in association with KVK AC & RI, TNAU, Madurai, Tamil Nadu, 5-8 August, 2015.
- Lepcha R., Upadhyay, S., Manivannan S., Muddarsu, V.R. and Bhutia, R.W. presented a paper on “Study on value addition and products diversification of Mallero (*Eleagnus latifolia*)” at the 3<sup>rd</sup> International Symposium on *Underutilized Species (ISUPS 2015)*, organized by International Society of Horticultural Science of Belgium in association with KVK AC & RI, TNAU, Madurai, Tamil Nadu, 5-8 August, 2015.
- Gurung, R., Upadhyay, S., Manivannan, S., Muddarsu, V.R. and Gurung, T. presented a paper on “Determination of nutritional profile of nakima (*Tupistra nutans*)” at the 3<sup>rd</sup> International Symposium on *Underutilized Species (ISUPS 2015)*, organized by International Society of Horticultural Science of Belgium in association with KVK AC & RI, TNAU, Madurai, Tamil Nadu, 5-8 August, 2015.
- Subba, P., Upadhyay, S., Manivannan, S., Venkata Ramana, M. and Pradhan, A. presented a paper on “Determination of multi element profile of Himalayan filbert (*Corylus ferox*) at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Gurung, T. and Upadhyay, S. presented a paper on “Enhancement in rooting of cuttings of tree tomato (*Cyphomandra betacea*)” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Lepcha, R., Upadhyay, S., Manivannan, S. and Venkata Ramana, M. presented a paper on “Value addition and Products Diversification of *Eleagnus latifolia*” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Tamang Lama, D., Manivannan, S., Upadhyay, S. and Bhutia S.G. presented a paper on “Metabolic profiling of black turmeric (*Curcuma caesia*) using HPLC” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland*

*Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.

- Lepcha, C.P., Manivannan, S., Upadhyay, S., Bhutia, K.D. and Venkata Ramana presented a paper on “Organic nutrient management in tomato (*Solanum lycopersicum*)” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Pandey, Y., Bhatt, S.S. and Singh, A.K. presented a paper on “Studies on fruit drop pattern and yield efficiency in different mango varieties under Terai Region of Uttarakhand” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Pradhan, A.M., Sharma, L., Manivannan, S., Bhutia, K.D. and Bhattarai, B. presented a paper on “Local germplasm and landraces of vegetables: Availability, market price and perception of consumer” at the International Symposium on *Sustainable Horticulture 2016*, Mizoram University, Aizawl, 14-16 March, 2016.
- Debbarma, N., Pandey Y., Hazarika, B.N. and Singh, S.R. presented a paper on “Flushing-flowering regulation on acid lime (*Citrus aurantifolia* Swingle.) through plant growth regulators and chemicals” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Debbarma, N., Hazarika, B.N., Singh, S.R. and Kushwaha, J.K. presented a paper on “Studies on flowering behaviour of acid lime (*Citrus aurantifolia* Swingle.) under foot hill condition of Arunachal Pradesh” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Pradhan, A., Tamang, D.L., Bhutia, S.G. and Subba, P. presented a paper on “Organic vegetables farming and its prospects in Pakyong east district of Sikkim” at the International Symposium on *Sustainable Horticulture 2016*, Mizoram University, Aizawl, 14-16 March, 2016.
- Reang, E., Devi, H.L., Mutum, P., and Debbarma, N. presented a paper on “Need for conservation and sustainable utilization of Burmese grape (*Beccaurea sapida* Muell. Arg.) – an underutilized fruit of Tripura” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Reang, E., Devi, H.L., Debbarma, N. and Das, S.C. presented a paper on “Prospects of tree bean (*Parkia roxburghii* G.) cultivation in Northeast India” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Tamang, D.L., Manivannan, S., Upadhyay, S. and Bhuita, S.G. presented a paper on “Metabolic profiling of black turmeric using HPLC” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Debbarma, N. and Hazarika, B.N. presented a paper on “Effect of plant growth regulators

and chemicals on yield and quality of acid lime (*Citrus aurentifolia* Swingle.) under foot hill condition of Arunachal Pradesh” at the National Conference on Horticulture in North Eastern Region, CAU, Pasighat, 16-18 January, 2016.

- Bhutia, R.W., Manivannan, S., Venkata Raman, M, Upadhyay, S. and Sharma, L. presented a paper on “Profiling of multi elements and dietary nutrients in *Elaeagnus latifolia*” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Venkata Ramana, M, Dubey, R.K., Singh, V. and Gangadhara Rao, P. presented a paper on “Inter trait association assessment in snapmelon (*Cucumis melo* var. *momordica*)” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Pradhan, A., Manivannan, S., Venkata Ramana. M. and Bhutia, K.D. presented a paper on “Differential response of citrus germplasm for varying concentrations of aluminum” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Babu, S.V., Kumar, R., Keisam, P. and Manju, R. presented a paper on “Effect of some growth regulators on growth, flowering and yield of gladiolus” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Rana, M., Pradeep, K. and Bhattarai, B. presented a paper on “Azolla- a source of plant growth regulators” at the International Symposium on *Sustainable Horticulture 2016*, Aizawl, Mizoram, 14-16 March, 2016.
- Bhattarai, B. and Maitra, S. presented a paper on “Growing conditions influences variation in initiation to wilting of winter annuals” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Jindal, K.K. presented a paper on “Potential and strategies for production of higher productivity and quality temperate fruits and nuts in North-Eastern regions” in the Proceedings of National Conference on *Temperate Fruits and Nuts- A Way Forward for Enhancing Productivity and Quality*, held at CITH Srinagar, 6-9 November, 2015, pp. 43-66.
- Jindal, K.K. presented a paper on “Impact of changing climate on the productivity of economically important plant species with special reference to apple, ways and means to overcome weather vagaries to improve livelihoods of farming community,” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.
- Jindal, K.K. and Dilip Singh, R.K. presented a paper on “Low chilling temperate fruits for sub-tropical and tropical zones of North East states,” at the International Symposium on *Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture*, organized by Department of Horticulture, Sikkim University, Gangtok, 5-7 November, 2015.

- Jindal, K.K. presented a paper on “Prospects and strategies for production of higher quality and productivity of temperate fruits - with special reference to Arunachal Pradesh and Sikkim states of North-East” in the Proceedings of National Conference on *Horticulture in North Eastern Region* (Ed: A. K. Pandey et al), CAU Pasighat, 16-18 January 2016, pp. 56-58.
- Jindal, K.K. presented a paper on “Possibilities and strategies in temperate fruits production with special reference to precision farming in kiwi fruit production in North East states (case study of Sikkim And Arunachal)” in the Proceedings of the National Seminar on *Integrated Development of Horticulture in Sub-Tropical & Hill Region*, organized by CIH Medziphema Nagaland and Assam Agriculture University, FIRS Kahikuchi, Guwahati, 17-19 February 2016, pp. 120.
- Jindal, K.K. and Dileep Singh, presented a paper on “Climate change and adaptive technologies - low chilling temperate fruits for sub-tropical and tropical zones of North East Indian states to improve livelihoods 01 farming community-an overview” in the Proceedings of National Seminar on *Integrating Agri-Horticulture and Allied Research for Food and Nutritional Security in the Era of Global Climate Disruption* (Ed: N. Prakash et al.), ICAR Research Complex, Imphal, Manipur, 4-6 March, 2016, pp. 71-75.

#### Invited lectures delivered:

- Laxuman Sharma as Resource Person SAMETI, Gangtok, 20 June, 2015.
- A. Prasada Rao was a Resource Person at the national workshop on Systems Biology and Sustainable Development Jointly organized by Agricultural and Ecological Research Unit, Indian Statistical Institute, Kolkata and Department of Horticulture, School of Life Sciences, Sikkim University, Gangtok, 17-19 March, 2016

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

- **Laxuman Sharma** attended Refresher Course (Summer School) sponsored by ICAR, ICAR-Directorate of Medicinal and Aromatic plant Research, Anand, Gujarat during July to 3 August, 2015.

**Research Projects during 2015-16:** Nil

#### Outstanding achievements of the department:

- Ms. Reymit Lepcha (M.Sc. Horticulture) received best poster paper presentation award in *International Symposium on Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture* organized by Department of Horticulture, Sikkim University, Gangtok, Sikkim, India, November 5-7, 2015

#### Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16:

1. International Symposium on Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture, on 5-7 November, 2015.
2. Brainstorming Session on Indian Citrus Industry” 15 November, 2015 at the College of Agricultural Engineering and Post-Harvest Technology, CAU, Ranipool.
3. National Workshop on System Biology and Sustainable Development at Barad Sadan, Sikkim University, 5<sup>th</sup> Mile, Tadong, Gangtok on 17-19 March, 2016. All India Study tour was conducted for III and V semester UG students from December 12-25, 2014 to acquaint with different agro-ecosystems of India.
4. A field visit was organized on March 26-27, 2015 for IV Semester UG and II semester PG to acquaint with plantation crops to CPCRI Regional Station, Mohit Nagar, Tea Research Association, Nagarghatta and UBKV, Coochbehar.

**Number and names of ICAR-NET qualified students during 2015-16:**

a. Number of students qualified for ICAR-ASRB NET during 2015-16: 6

1. Bikash Bhattarai
2. Keisam Pradeep

3. Jitendra Kr. Khuswaha
4. Nadia Debbarma
5. Tempo Dorjee Tamang
6. Sanju Sunmith Lepcha

**3. Microbiology**

**Name of the Head** : Dr. H.K. Tiwari

**Telephone** : 03592-232085

**Mobile** : 09734445746

**Email** : hktiwari@cus.ac.in

**Students enrolled during 2015-16** : Post-graduate-20; PhD -10;

**Faculty profile**

Name	Designation	Date of Joining	2015-16		
			Number of PhD students	Number of Publications	Extra-mural Research Project
Prof. Jyoti Prakash Tamang	Professor	12-03-2012	4 PhD	6	1
Dr. Hare Krishna Tiwari	Associate Professor	12-03-2012	2 PhD	2	nil
Dr. Buddhiman Tamang	Assistant Professor	27-02-2012	1 PhD	1	nil
Dr. Bimala Singh	Assistant Professor	27-02-2012	1 PhD	nil	nil
Dr. Nagendra Thakur	Assistant Professor	23-04-2014	2 PhD	2	1

**Publications during 2015-16:****Journals:**

1. **Tamang, J.P.**, Shin, D.H., Jung, S.J. and Chae, S.W. (2016). Functional properties of microorganisms in fermented foods. *Frontiers in Microbiology* 7:578. doi: 10.3389/fmicb.2016.00578 (Impact factor: 4.165).
2. **Tamang, J.P.**, Holzapfel, W.H. and Watabane, K. (2016). Review: diversity of microorganisms in global fermented foods and beverages. *Frontiers in Microbiology* 7:377. doi: 10.3389/fmicb.2016.00377 (Impact factor: 4.165).
3. Pradhan, S. and **Tamang, J.P.** (2015). Ethnobiology of wild leafy vegetables of Sikkim. *Indian Journal of Traditional Knowledge*. 14(2): 290-297. (Impact factor: 0.492).
4. Kwon, D.Y. and **Tamang, J.P.** (2015). Religious ethnic foods. *Journal of Ethnic Foods* (Elsevier) 2: 45-46.
5. Sonar, N.R., Vijayendra, S.V.N., Prakash M.,

- Saikia M., **Tamang, J.P.** and Halami, P.M. (2015). Nutritional and functional profile of traditional fermented bamboo shoot based products from Arunachal Pradesh and Manipur states of India. *International Food Research Journal* 22(2): 788-797.
6. Sarkar, A., Gajamer, V.R., **Tiwari, H.K.**, Bhutia, P.D., Sen, S.S. and Ghosh, R. (2015). Detection of antibiotic resistance pattern with ESBL producers and MRSA among the uropathogens at Tertiary Health Care Centre, North Bengal. *International Journal of Pure and Applied Bioscience* 3(2):522-533.
7. Rai, A. and **Tiwari, H.K.** (2016). Prevalence and antimicrobial resistance of methicillin resistant *Staphylococcus aureus* (MRSA) in Cow Milk from Gangtok, East Sikkim. *Online International Interdisciplinary Research Journal* VI (II), ISSN 2249-9598.
8. Ghatani, K. and **Tamang, B.** (2016). Indigenous rearing practices of Yak and its multipurpose uses in the Sikkim Himalayas. *IOSR Journal of Agriculture and Veterinary Science* 9(3) 1:01-08.
9. Changotra, H., Turk, S.M., Artigues, A., **Thakur, N.**, Gore, M., Muggeridge, M. and Hutt-Fletcher, L.M. (2016). Epstein-Barr virus glycoprotein gM can interact with the cellular protein p32 and knockdown of p32 impairs virus assembly. *Virology* 223-232. DOI information: 10.1016/j.virol.2015.12.019 (Impact Factor: 3.351)

#### Proceedings/Book-chapter:

10. **Tamang, J.P.** (2015) (Editor). ABSTRACT BOOK of International Conference on Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits, Department of Microbiology, Sikkim University, Gangtok, Sikkim, November 20-21, 2015, pages 79.
11. Das, S., Najar, I., Sherpa, M.T. and **Thakur, N.** (2015). Hot Springs of Sikkim: unfathomed colossal treasure of potential

microbial syndicate of Northeast India - A *coup d'oeil* into it. In: *Biotechnology in India: Initiatives and Accomplishments*, (Ed: Murugan, R. and Bag, A.), pp. 149-181. New India Publishing Agency, New Delhi. ISBN: 978-93-85516-25-2.

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

- H.K. Tiwari attended the National Workshop on *Systems Biology and Sustainable Development*, jointly organized Agricultural and Ecological Research Unit, Indian Statistical Institute, Kolkata and Department of Horticulture, School of Life Sciences, Sikkim University, Gangtok, 17-19 March, 2016.
- H.K. Tiwari attended Knowing IQAC, as member of Organizing Committee of Internal Quality Assurance Cell of Sikkim University, Gangtok, 28 August, 2015.
- B.M. Tamang presented a paper on "Biosurfactant of *Bacillus* sp. isolated from *Kinema*" at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November, 2015.
- Bimala Singh and Nagendra Thakur participated in the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November, 2015.
- Bimala Singh attended "Knowing IQAC", organized by Internal Quality Assurance Cell of Sikkim University, Gangtok, 28 August, 2015.

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

- Ranjan K Tirwa, Ashish K Singh, Sayak Das, Mingma Sherpa, Varsha Gajmer and Nilu Pradhan attended Workshop on *National*

*Mission on Education Through Information and Communication Technology* at National Institute of Technology Ravangla, South Sikkim, 26-27 June, 2015.

- All PhD scholars and M.Sc. students attended the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November 2015.
- Ranjan K Tirwa, Ashish K Singh, Sayak Das, Mingma Sherpa, Pramila Koirala, Varsha Gajmer and Nilu Pradhan attended the National Workshop on *Systems Biology and Sustainable Development*, organized by Department of Horticulture, Sikkim University, Gangtok, 17-19 March, 2016
- Shankar P. Sha, Bhumika Poudyali, Ranjan Tirwa, Meera Bhutia and Kriti Ghatani participated in one day Workshop on *Biosafety and Bioethics*, Sikkim Biotech Hub, Sikkim State Council of Science and Technology, Gangtok, 22 May, 2015.
- Meera Ongmu Bhutia participated in the Workshop on *Recent Advances in Biotechnology*, organized by Biotech Hub, Sikkim Government College, Tadong, 29 May, 2015.
- Meera Ongmu Bhutia participated in the Workshop on *Sensitization, Awareness, Motivation Workshop on Bioethics: SAM Bioethics*, organized by Sikkim Manipal Institute of Medical Sciences, conducted by Sikkim Unit of UNESCO Chair in Bioethics (HAIFA), Sikkim Manipal Institute of Medical Sciences, SMU, Gangtok, 1 June, 2015
- Meera Ongmu Bhutia participated in a three days hands on training on *Molecular Tools and Techniques*, organized by Biotech Hub, Department of Zoology, Sikkim Government College, Tadong, 11-13 September, 2015
- Shankar P. Sha, Ranjita Rai and H. Nakibapher Jones Shangpliang were trained on *Next Generation Sequencing* techniques for 10 days at Transnational Health Science and Technology Institute, New Delhi, 12-20 September, 2015.
- Bhumika Poudyali participated in the national workshop on “Exploring Cancer Genomics” at Mizoram University, Aizawl, 22-27 February, 2016
- Bhumika Poudyali and Bimala Singh presented a poster on “Antibacterial activity of *Tupistra nutans* and *Laportea terminalis* against some members of Enterobacteriaceae” at the 56<sup>th</sup> Annual Conference of Association of Microbiologist of India (AMI-2015) and International Symposium on Emerging Discoveries in Microbiology, organized by AMI and School of Life Sciences, Jawaharlal Nehru University, New Delhi, 7-10 December, 2015
- Kriti Ghatani delivered a talk on “Bio-cultural and microbial diversity of fermented milk products of Yak in Sikkim Himalaya” in the UGC-sponsored National Seminar on *Global Climate Change and its Impact on Floral, Faunal and Microbial Biodiversity*, organized by Department of Botany, St. Joseph's College Darjeeling in collaboration with Teesta Torsa Agro Care Welfare Society, Kalimpong, 26-28 June, 2015
- Kriti Ghatani participated in Training-cum-Workshop on *Biological Data Analysis through Computational Approach*, organized by Biological Science and Technology Division, CSIR-North East Institute of Science and Technology, Jorhat, Assam, 8-10 December, 2015.
- Pramila Koirala and Bimala Singh presented a paper on “Comparative analysis of antibacterial properties of various phytochemicals from *Capsicum annum* var. *cerasiforme*” at the 56<sup>th</sup> Annual Conference of Association of

Microbiologist of India (AMI-2015) and International Symposium on *Emerging Discoveries in Microbiology*, organized by School of Life Sciences, Jawaharlal Nehru University, New Delhi, 7-10 December, 2015.

- Viabhav Kumar Upadhyay and Bimala Singh presented a paper on “Evaluation of antibacterial and antioxidant properties of the rhizome extract of *Tectaria macrodonta*” at the 56<sup>th</sup> Annual Conference of Association of Microbiologist of India (AMI-2015) and International Symposium on *Emerging Discoveries in Microbiology*, organized by School of Life Sciences, Jawaharlal Nehru University, New Delhi, 7-10 December, 2015.
- Rajen Chettri, Pynhunlag Kharnaio, Meera Ongmu Bhutia and Jyoti Prakash Tamang presented a poster on “PGA-producing bacteria isolated from *Kinema*, naturally fermented soybean food of Sikkim” at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November 2015.
- Shankar Prasad Sha, Anu Anupma, Pooja Pradha and Jyoti Prakash Tamang presented a poster on “Yeasts diversity in *Marcha*, a traditional amylyolytic starter of Sikkim, by PCR-DGGE method” at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November 2015.
- Sharmila Sharma, H. Jones Nakibapher Shangpling, Ranjita Rai and Jyoti Prakash Tamang presented a poster on “Identification of lactic acid bacteria isolated from some naturally fermented milks of Bhutan by 16s rRNA sequencing” at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of

Microbiology, Sikkim University, Gangtok, 20-21 November 2015.

- Kriti Ghatani and Buddhiman Tamang presented a poster on “Bile salt hydrolase activity of lactic acid bacteria isolated from fermented yak milk products of Sikkim”, at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November 2015.

#### Invited lectures delivered:

- Prof. Jyoti Prakash Tamang delivered a Key-note lecture on “Health benefits of LAB-fermented foods” at the Taiwan Association of Lactic Acid Bacteria Symposium, Providence University, Taichung, Taiwan, 5 June, 2015.
- Prof. Tamang delivered a Plenary Talk on “Lactic Acid Bacteria” at the Asian Conference on *Lactic Acid Bacteria: Sustainability, Friendly Environment and Application*, Department of Biotechnology, Kasetsart University, Bangkok, Thailand, 8-10 July, 2015.
- Prof. Tamang delivered a Key-note lecture on “Global fermented foods” at the National Symposium on *Biotechnological Interventions For Upgradation Of Food Products of India (Biufpi-2015)*, organized by Department of Food Science and Technology, Kashmir University, Srinagar, J & K, 9-10 September, 2015.
- Prof. Tamang delivered a Key-note lecture on “Global fermented foods: updated Information” at the International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits*, organized by Department of Microbiology, School of Life Sciences, Sikkim University, Gangtok, 20-21 November, 2015.
- Prof. Tamang delivered an Invited talk on

“Microbiology of Global fermented foods” at Microbial Collection Centre, National Centre for Cell Biology (DBT), Pune, 1 January, 2016.

- Prof. Tamang delivered the ICT Visiting Senior Fellow lecture on “Technology for upgradation of global fermented foods for commercialization” at Institute of Chemical Technology (deemed University), Mumbai, 12 January, 2016.
- Prof. Tamang delivered an Invited talk on “Biotechnology of global fermented foods” at Department of Bioscience and Bioengineering, Indian Institute of Technology-Mumbai, 14 January, 2016.
- Prof. Tamang delivered a Plenary talk on “Sustainable development of Asian Ethnic

fermented foods” at the 2nd South Asian Biotechnology Conference 2016 in collaboration with South Asian University, and Dhaka University on *Biotechnology for Sustainable Development*, Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka, Bangladesh, 4-6 February, 2016.

- H.K.Tiwari delivered a talk on 'Biosafety and bioethics in microbiology' at Sikkim State Council of Science & Technology, Gangtok, 22 May 2015.
- Nagendra Thakur delivered a Key-note talk on “Screening and isolation of thermophilic enzymes from bacterial isolates obtained from Hot Springs of Sikkim” at Motilal Nehru National Institute of Technology, Allahabad, 4-6 February 2016.

### Research Projects:

Name of the faculty	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF
Prof. Dr. Jyoti Prakash Tamang	Bioinformatics Centre	Department of Biotechnology, New Delhi	5 years (2015-2020)	20.0 lakhs	nil
Dr. Nagendra Thakur	Isolation, Characterization and Identification of Lipase and $\alpha$ -amylase producing Thermophilic bacteria from Hot Springs of Sikkim, i.e., Polok, Borong, Reshi and Yumthang tatopani (Hotsprings)	Department of Biotechnology, New Delhi	3 years (2015-2018)	14.05 lakhs	nil

**Guest Faculty:**

1. Dr. Arnab Sen, Department of Botany, North Bengal University, Siliguri
2. Dr. Rajen Chhetri
3. Mr. Saurab Das

**Details of laboratory equipment added during 2015-16:-**

- Basic and Spin Air Samplers (IUL) were purchased (R 1,50,078.38 and Rs.2,27,643.75, respectively) for Department of Microbiology in 2015.

**Nomination to any Academic Bodies/ Societies / Government Departments/Ministries/ Universities/Institutes during 2015-16, if any:**

- Prof. Tamang was nominated as Member of Expert Committee of Scientific Panel on Water (including flavoured water) & Beverages (alcoholic non-alcoholic) of Food Safety and Standards Authority of India (FSSAI), Ministry of Health and Family Welfare, Govt. of India, New Delhi for 2015-18.

**Number and names of UGC/CSIR/ICAR-NET/ SLET qualified students during 2015-16:**

8 PhD students qualified for ICAR-NET 2015-16.

1. Pooja Pradhan
2. Meera Bhutia
3. Pramila Koirala
4. Ashish Kumar Singh
5. Varsha Rani Gajamer
6. Lalit chaurasia
7. Vaibhav Upadhyia
8. Anu Anupma

**Outstanding achievements of the department during 2015-16:**

- Eight PhD students qualified for ICAR-NET 2015-16.

- Kriti Ghatani, PhD student was conferred the Third Best Poster Award at an International Conference on *Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits* on her poster titled “Bile salt hydrolase activity of lactic acid bacteria isolated from fermented yak milk products of Sikkim”, organized by Department of Microbiology, Sikkim University, Gangtok, 20-21 November, 2015.
- Department of Biotechnology, Govt. of India has granted the establishment of first Bioinformatics Centre as Bioinformatics Infrastructure Facility for Biotechnology Teaching through Bioinformatics (BIF-BTBI) to Department of Microbiology, Sikkim University on 9 February, 2016.

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16.****International Conference on “Ethnic Fermented Foods and Beverages”**

Department of Microbiology, School of Life Sciences of Sikkim University organized two-day International Conference on “**Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits**” on 20-21 November, 2015 at Conference Hall of Hotel Dengzong Regency, Gangtok. The Conference was organized in association with Swedish South Asian Network on Fermented Foods (SASNET-Fermented Foods) without any financial support from SASNET-FF. Ministry of Development of North Eastern Region (DONER), Indian Council of Agricultural Research (ICAR), Department of Biotechnology (DBT), Department of Science and Technology (DST), Indian Council of Medical Research (ICMR) and Sikkim University sponsored the Conference. More than 143 participants registered and attended this Conference including students and faculty members of departments of Microbiology, Botany, Zoology, and Horticulture of Sikkim University. The leading food microbiologists and food scientists from home and abroad presented their research findings in different aspects of microbiology and health benefits including clinical trials of some global ethnic fermented foods.

There were 31 invited speakers (South Korea = 7; USA = 1; Japan = 3; Indonesia = 6 and Thailand = 1; total foreign delegates = 18; India = 13), 29 poster presenters from different countries and home, mostly PhD and Post-doc students. The programme was started with invocation song of the University preformed by students of Microbiology. A panel of Judges comprising Prof. Kalidas Shetty of USA, Dr. Chise Suzuki of Japan and Dr. G.S. Prasad of MTCC, India selected three best posters. Poster of Dr. Su-Jin

Jungof Chonbuk National University, South Korea was selected the first prize, followed by Mr. Kuntal Ghosh of Vidhyasagar University as second and Ms. Kriti Ghatani, Department of Microbiology, Sikkim University as third. PhD students of Department of Microbiology, Sikkim University also displayed various ethnic fermented foods of North East India. Students of Microbiology also performed cultural programme in the evening of 20<sup>th</sup> November at Hotel Dengzong in honour of invited speakers and guests.



Inauguration by Chief Guest, Honourable Minister for HRDD Shri R.B. Subba, Vice-Chancellor Prof. T.B. Subba, Prof. J.B. Prajapati and Prof. Jyoti Prakash Tamang



Group photo at International Conference on 20 November 2015



Exhibition of ethnic fermented foods by PhD students of Department of Microbiology, Sikkim University



Poster presentation by students during International Conference on 20-21 November 2015

### An Awareness Programme on Swine Flu

The Department of Microbiology, Sikkim University in collaboration with Department of Health Care Human Services and Family Welfare, STNM Hospital, Government of Sikkim organized an awareness programme on Swine Flu on 11<sup>th</sup> March, 2015 at Lecture Theatre 3, Sikkim Manipal Institute of Medical Sciences (SMIMS), Gangtok from 2.30 pm to 4.30 pm. The programme was chaired by the Dean, School of Life Sciences, Sikkim University, Prof. Dr. Jyoti Prakash Tamang. The main objective of the programme was to disseminate the knowledge on the causes and prevention of swine flu among the students and staff of the University and community at large. More than 100 students and staff members of our University attended the programme.

The resource persons for the programme were Medical Specialist Dr. Sanjay Upreti, and Microbiologist Dr. Tara Sharma from the STNM Hospital, Gangtok. They delivered their talk on the clinical and microbiological aspects of Swine Flu, respectively.

### An Awareness Programme on Tuberculosis on World Tuberculosis Day, 2015

On the occasion of World Tuberculosis Day, an awareness programme on tuberculosis was organized

by the Department of Microbiology, School of Life Sciences, Sikkim University on 24<sup>th</sup> March 2015 at the New Science Building Tadong, Gangtok. The main objective of this programme was to spread awareness on the causes, mode of transmission, prevention and treatment of tuberculosis. The theme of the programme was the slogan for the year 2015 for World TB Day namely “Reach Treat and Cure Everyone.” The participants for the programme were the students and faculty members of Department of Geology, Mathematics, Physics and Microbiology.

The programme included a presentation on tuberculosis by Dr. Hare Krishna Tiwari, Head and Associate Professor of the Department of Microbiology followed by a skit performance by the students of the Department entitled “Reach, Treat and Cure Everyone.” A presentation on medication of tuberculosis (DOTS) was given by Ms Meera Ongmu Bhutia, PhD student of Microbiology. A poster competition was also organized and in this event the MSc II semester students of Microbiology have participated. The first prize for best poster was awarded to the team consisting of Mr Zeesan, Mr Minajul and Mr Rana. Second prize was awarded to Ms Pallavi Kumari and Ms Priyambada was awarded the third prize. The judges for the poster competition were Dr. B. M. Tamang, Dr. Bimala Singh and Dr. Md. Abdullah Khan.



Dr. Tiwari giving the talk on Tuberculosis on World TB Day



Team of Organizers on World TB Day 2015

#### 4. Department of Zoology

<b>Name of the In-charge</b>	: Dr. Basundhara Chettri
<b>Telephone</b>	: 03592-231302
<b>Mobile</b>	: 09434552502
<b>Email</b>	: bchettri@cus.ac.in
<b>Students enrolled during 2015-16</b>	: Post-graduate=11

Name	Designation	Date of Joining	2015-16	
			Number of Publications	Extra-mural Research Project
Dr. Basundhara Chettri	Assistant Professor	02-04-2012	nil	nil
Dr. Bhoj Kumar Acharya	Assistant Professor	05-05-2014	1	nil
Dr. Bisu Singh	Assistant Professor	27-05-2014	nil	nil
Dr. Sudeep Ghatani	Assistant Professor	24-11-2015	1	1

#### Guest Faculty:

Dr. M. P. Thapa

Dr. Namrata Thapa

Mr. Kishor Sharma

111-168. ISBN: 978-1-4665-88097.

5. 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.). CRC Press, Taylor & Francis Group, New York, pp. 1-110. ISBN: 978-1-4665-88097.

#### Publications during 2015-16:

1. Acharya, B.K. and Vijayan, L. (2015). Butterfly diversity along the elevation gradient of Eastern Himalaya, India. *Ecological Research* 30: 909-919. (Impact Factor: 1.296).
2. Arya, L.K., Rathinam, S.R., Lalitha, P., Kim, U.R., Ghatani, S. and Tandon, V. (2016) Trematode fluke *Procerovum varium* as cause of ocular inflammation in children, South India. *Emerging Infectious Diseases* 22(2): <http://dx.doi.org/10.3202/eid2202.150051>. (Impact Factor: 6.751).
3. Thapa, N. (2016). Ethnic fermented and preserved fish products of India and Nepal. *Journal of Ethnic Foods* 3: 69-77.
4. 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.). CRC Press, Taylor & Francis Group, New York, pp.

#### Seminars/Conferences/Workshops/Training (PhD students and Faculty wise paper presented details).

- Acharya, B.K. presented a paper on "Distribution pattern and conservation of faunal biodiversity in the Sikkim Himalayas" at the National Seminar on *Advances in Biology: Eastern Himalayan Perspective*, Kalimpong College, Kalimpong, 3-4 October, 2015.
- Chettri, B. attended Training Workshop on *Indian Biodiversity Portal*, organized by Department of Botany, North Eastern Hill University Shillong, Shillong, 23-25 September, 2015.
- Acharya, B.K. attended workshop on *Phylogenetic Biology*, organized by Department of Botany, Sikkim University, Gangtok, 23-25 September, 2015.

**Invited lectures delivered (Faculty wise lecture delivered details):**

- Bhoj K. Acharya delivered a talk on “DNA Barcoding and its application in conservation science” at the Seminar on *Recent advances in Biotechnology*, Sikkim Government College, Tadong, Gangtok, 29 May, 2015.
- Sudeep Ghatani was invited as Resource Person at the Three-day Hands-on Training on *Molecular Techniques*, Sikkim Government College, Tadong, Gangtok, 11-13 September, 2015.
- Namrata Thapa delivered an invited talk on

“Lactic Acid bacteria in fermented fish products” at the Asian Conference on Lactic Acid Bacteria: Sustainability, Friendly Environment and Application, organised by Department of Biotechnology, Kasetsart University, Bangkok, Thailand, 8-10 July, 2015.

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

- **Basundhara Chettri** attended UGC-sponsored Orientation Course at Jawaharlal Nehru University, New Delhi, 8 February to 4 March, 2016.

**Projects (Details of faculty wise projects undertaken during the year):****Dr. Sudeep Ghatani**

Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/ Project Fellow/RA
Transcriptome profiling of <i>Artyfechinostomumsufraryfex</i> Lane, 1915, aetiological agent of a neglected food-borne trematodiasis	DST–Science & Engineering Research Board (DST-SERB), Govt. of India	December 2015 – November 2018	17.7 lakhs	Project Fellow - 1

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16:**

- Organized a special lecture on “Man and Biosphere Reserve: why Kanchendzonga Biosphere Reserve is globally significant” delivered by Dr. Hemant K. Badola, Scientist-in-Charge, GB Pant Institute of Himalayan Environment and Development, Sikkim Unit on 27 October 2015.

- Organized ecological field study of II semester MSc students to Khecheopalri Lake and Rabdantse in West Sikkim on 17 April 2015.
- Observed International Biodiversity Day and took the students of MSc IV semester to Himalayan Zoological Park, Bulbuley, Gangtok on 22 May 2015.

**Details of purchase and installation of lab-equipment during the year 2015-16 only with name of the equipment, name of company/brand, and photographs, if any.**

Sl. No.	Date of purchase	Name of equipment	Name of company
1.	05.08.2015	Micro-centrifuge	Eppendorf
2.	05.08.2015	Cyclomixture	REMI
3.	05.08.2015	Magnetic stirrer	Tarsons
4.	05.08.2015	Gel Doc system	Life Technologies
5.	05.08.2015	ELISA reader	Bio-Rad
6.	01.09.2015	Normal centrifuge (UGC project)	REMI
7.	01.09.2015	-20C Fridge (UGC project)	ELANPRO
8.	01.09.2015	4 C Fridge (UGC project)	ELANPRO
9.	01.09.2015	Micro-centrifuge (UGC project)	Tarsons
10.	15.10.2015	SLR camera	Nikon
11.	15.10.2015	Binocular	Nikon
12.	18.12.2015	Work station computer	Dell
13.	19.03.2016	Horizontal laminar air flow	MAC
14.	19.03.2016	Haemoglobinometer digital	ESICO



Microcentrifuge (Eppendorf)



Cyclomixer (Remi)



Magnetic Stirrer (Tarsons)



Gel Documentation System (Life Technologies)



Centrifuge (Remi)



ELISA Reader (Bio-Rad)



-20°C Freezer (Elanpro)



4°C Freezer (Elanpro)



SLR Camera (Nikon)



Workstation Computer (Dell)



Horizontal Laminar Airflow (MAC)



Digital Haemoglobinometer (Esico)

**Nomination to any Academic Bodies / Societies /Government Departments/Ministries /Universities /Institutes during 2015-16, if any:**

- Bhoj Acharya was nominated as a member of Sikkim State Biodiversity Board by the Government of Sikkim in 2015.
- Bhoj Acharya was nominated as a Member, Scientific Advisory Committee, Sikkim State Council of Science and Technology, Government of Sikkim in 2015.

- Bhoj Acharya was nominated as Chairperson, Biodiversity Management Committee, Pakyong Gram Panchayat Unit, South Sikkim in 2015.

**Outstanding achievements of your Department (teachers and students) during 2015-16, if any:** Nil

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:** Nil

## SCHOOL OF PHYSICAL SCIENCES

<b>Name of the Dean</b>	: Dr. Subir Mukhopadhyay, Associate Professor in Physics
<b>Telephone</b>	: 03592-251222
<b>Mobile</b>	: 09547605900
<b>Email</b>	: smukhopadhyay@cus.ac.in
<b>Number of Departments under this School</b>	: 5

### 1. Department of Chemistry

<b>Name of the In-charge</b>	: Dr. Somendra Nath Chakraborty
<b>Telephone</b>	: 03592-232067
<b>Mobile</b>	: 09434069506
<b>Email</b>	: snchakraborty@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate-35; MPhil-1; PhD-2

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD Scholars	Number of Publications	Extra-mural Research Project
Dr. Sudarshan Tamang	Assistant Professor	07-03-2012	nil	3	nil
Dr. Somendra Nath Chakraborty	Assistant Professor	02-04-2012	1 PhD	1	nil
Dr. Biswajit Gopal Roy	Assistant Professor	23-04-2014	1 MPhil; 1 PhD	5	2

**Guest Faculty:**

Dr. Bandita Datta

Dr. T.I. Chanu

**Publications during 2015-16:**

1. Tamang, S., Lincheneau, C., Hermans, Y., Jeong, S. and Reiss, P. (2016). Chemistry of InP nanocrystal syntheses. *Chemistry Material* 28: 2491–2506. (Impact factor: 8.354).
2. Kim, K., Yoo, D., Choi, H., Tamang, S., Ko, J-H., Kim, S., Kim, Y-H. and Jeong, S. (2016). Halide–amine co-passivated indium phosphide colloidal quantum dots in tetrahedral shape. *Angew. Chem. Int. Ed.* 55: 3714–3718. (Impact factor: 11.26).
3. Tamang, S., Kim, Choi, H., Kim, Y., and Jeong, S. (2015). Synthesis of colloidal InSb nanocrystals via in situ activation of InCl<sub>3</sub>. *Dalton Transactions* 44: 16923–16928. (Impact factor: 4.197).
4. Chakraborty, S.N. and English, N.J. (2015). Hydrogen-bond vibrational and energetic dynamical properties in sI and sII clathrate hydrates and in ice Ih: Molecular dynamics insights. *Journal of Chemical Physics* 143: 154504-1-154504-6. (Impact factor: 3.017).
5. Bhutia, Z.T., Geethika, P., Malik, A., Kumar, V., Chatterjee, A., Roy, B.G. and Banerjee, M. (2015). *In-situ* mechanochemical synthesis of nitrones followed by 1,3-dipolar cycloaddition: a catalyst-free, “green” route to cis-fused chromano [4,3-c] isoxazoles. *RSC Advance* 5: 99566-99572. (Impact factor: 3.84).
6. Roy Chowdhury, A., Ghosh, P., Roy, B.G., Mukhopadhyay, S.K., Mitra, P. and Banerjee, A. (2015). Simple and dual responsive efficient new Schiff base chemoreceptor for selective sensing of F<sup>-</sup> and Hg<sup>2+</sup>: application to bioimaging in living cells and mimicking of molecular logic gates. *RSC Advance* 5: 62017-62023. (Impact factor: 3.84).
7. Ghosh, P., Roy, B.G., Mukhopadhyay, S.K. and Banerjee, P. (2015). Colorimetric and fluorimetric response of Schiff base molecules towards fluoride anions, solution test kit fabrication, logical interpretations and DFT-D3 study. *Phys. Chem. Chem. Phys.* 17: 20288-20295 (Impact factor: 4.49)
8. Roy Chowdhury, A., Ghosh, P., Roy, B.G., Mukhopadhyay, S.K., Murmu, N.C. and Banerjee, P. (2015). Cell permeable fluorescent colorimetric Schiff base chemoreceptor for detecting F<sup>-</sup> in aqueous solvent. *Sens. Actuators. B. Chem.* 220: 347–355 (Impact factor: 4.10).
9. 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 Advance* 5: 27387-27392. (Impact factor: 3.84).

**Seminars/Conferences/Workshops/Training (M.Phil, Ph.D. students and Faculty wise paper presented details):**

- S. Tamang delivered a series lectures on nanochemistry at KIMM, South Korea for 8 weeks (September–October, 2015).
- B. G. Roy presented a paper on “Stereo selective synthesis of novel nucleoside analogues from D-Glucose” at the Symposium on *Recent Advances in Chemistry and Industry*, organized by Indian Chemical Society in commemoration of 154<sup>th</sup> birth anniversary of Acharya Prafulla Chandra Ray, Kolkata, 31 July to 1 August, 2015.
- B.G. Roy attended the National Workshop on NMR/MRI, jointly organized by Centre for Bio-Medical Research, Lucknow and University of Mysore, Mysore, 15-22 November, 2015.

**Invited lectures delivered (Faculty wise lecture delivered details):**

- B.G. Roy delivered an Invited Talk on

“Consortium for an integrated research on molecular medicine: Search for novel biopharmaceuticals from natural resources of West Bengal (CIRMM, WBSU)”, Department of Zoology, West Bengal State University, Barasat, 25-26 February, 2016

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

- Somendra Nath Chakraborty attended Refresher Course in UGC-sponsored on Nanotechnology and Nanoscience, Burdwan University, Burdwan, 4- 24 August, 2015

**Projects (Details of faculty wise projects undertaken during the year):**

**B.G. Roy:**

Sl. No.	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
1	Stereoselective synthesis of novel nucleosides and study of their antiviral/ anticancer activity	University Grants Commission, New Delhi	2 years (2015-2017)	6.0 Lakh	None
2	Carbohydrate Based Diversity Oriented Synthetic Approach to Various Novel Chiral Polyheterocycles and Their Biological Evaluation as Anti-cancer and Anti-microbial Agent	Department of Science and Technology, New Delhi	3 years (2016-2019)	49.0 Lakh	1 JRF

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16: Nil**

**Details of purchase and installation of lab-equipment during the year 2015-16 only with name of the equipment, name of company/brand, and photographs, if any: Nil**

**Outstanding achievements of your Department (teachers and students) during 2015-16: Nil**

**Number and names of UGC/CSIR/SLET qualified students during 2015-16: Nil**



Students working in science lab

## 2. Department of Computer Applications

<b>Name of the In-charge</b>	: Mrs. Chunnu Khawas ( <i>till 06-12-2015</i> )
<b>Telephone</b>	: 03592-2250249
<b>Email</b>	: ckhawas@cus.ac.in
<b>Name of the Head</b>	: Dr. Mohan Pratap Pradhan ( <i>w.e.f. 07-12-2015</i> )
<b>Telephone</b>	: 03592-257788
<b>Mobile</b>	: 9749102132
<b>Email</b>	: mppradhan@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate (MCA)- 15

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Mohan Pratap Pradhan	Associate Professor	07-12-2015	nil	2	nil
Mrs. Chunnu Khawas	Assistant Professor	27-02-2012	nil	nil	nil
Mr. Partha Pratim Ray	Assistant Professor	20-03-2012	nil	nil	nil
Mrs. Rebika Rai	Assistant Professor	03-07-2012	nil	nil	nil
Mrs. Lekhika Chettri	Assistant Professor	12-05-2014	nil	1	nil

#### Publications during 2015-16:

- Choudhury, S., Pradhan, M.P. and Kar, S.K. (2016). A Survey on determining urban emotions using geo-data classification: a case study around Majitar, East District, Sikkim. *International Journal of Computer Applications* 135 (2): 26-29. ISBN: 0975-8887.
- Sharma, K. and Pradhan, M.P. (2016). Design and implementation of algorithms for extraction and representation of morphological features. *International Journal of Computer Applications* 133(7): 34-37.
- Chettri, R., Pradhan, S. and Chettri, L.(2015).Internet of Things: comparative study on classification algorithms (k-NN, naive bayes and case based reasoning).*International Journal of*

*Computer Applications*130(12): 7-9. ISBN: 0975 – 8887 (Impact factor: 0.715).

#### Awards, Fellowship and Patent, if any during 2015-16: Filed National Patent = 5

- API-CRIEM: An API Based Cloud Platform Supported Real Time Smart Device for Indoor Environment Monitoring With Triggering Mechanism. Application number: 531/KOL/2015, Inventors: Ray. P.P., Bishunkey. K., Rai. R., Chettri, L., Khawas, C. Indian Patent Office, Kolkata, Date of Filing: 15/05/2015.
- Internet of Things based Environment Heat Index Measurement. Application Number: 549/KOL/2015, Inventor: Ray. P.P. Indian Patent Office, Kolkata, Date of Filing: 20/05/2015.
- An Automated Missenard Index

Measurement System. Application Number: 566/KOL/2015, Inventor: Ray. P.P. Indian Patent Office, Kolkata, Date of Filing: 24/05/2015.

4. IoT Physical Activity Monitoring. Application Number: 599/KOL/2015, Inventor: Ray. P.P., Chettri. L., Rai. R., Bishunkey. K. Indian Patent Office, Kolkata, Date of Filing: 28/05/2015.
5. A System for Writing and Reading of Human Understood Study Materials. Application Number: 1083/KOL/2015, Inventor: Ray. P.P. and Kumar Shailendra. Indian Patent Office, Kolkata, Date of Filing: 14/10/2015.

**Invited lectures delivered:** Nil

**Seminars / Conference/ Workshops/ Training attended:**

1. Pradhan, A., **Pradhan, M.P.**, Prasad, A. presented a paper on “An approach for reducing morphological operator dataset and recognize optical character based on significant features” at the International Conference on *Advances in Computing, Communications and Informatics (ICACC)*, Kochi, 10-13 August, 2015.
2. **Khawas, C.** presented a paper on “Techniques for mathematical optimization” at the Workshop, organized by Department of Mathematics, Sikkim University in collaboration with SQC & OR Unit Indian Statistical Institute of Kolkata, Gangtok, 29-30 March, 2016.
3. **Ray, P.P.** presented a paper on “An internet of things based approach to thermal comfort measurement and monitoring” at IEEE ICACCS, organized by SE College of Engineering, Coimbatore, Tamil Nadu, 22-23 January, 2016.
4. **Ray, P.P.** presented a paper on “Towards an internet of things based architectural framework for defence” at IEEE ICCICCT, organized by N.I. University, Kumaracoil, Tamil Nadu, 18-19 December, 2015.
5. **Ray, P.P.** presented a paper on “Internet of Things cloud based smart monitoring of air borne PM2.5 density level” at IEEE CIEC, organized by Calcutta University, Kolkata, 28-30 January, 2016.
6. **Ray, P.P.** presented a paper on “Internet of things based smart measurement and monitoring of wood equilibrium moisture content” at IEEE ICSSS, organized by M.S.R. Institute of Technology, Bangalore, 21-23 December, 2015.
7. **Ray, P.P.** presented a paper on “A generic internet of things architecture for smart sports” at IEEE ICCICCT, organized by N.I. University, Kumaracoil, Tamil Nadu, 18-19 December, 2015.

**Refresher Course/ Orientation Programme attended:** Nil

**Other Activities of the Department during 2015-16:** Nil

**Number and names of UGC/CSIR/SLET qualified students during 2015-16:** Nil

### 3. Department of Geology

<b>Name of the In-charge</b>	: Dr. Rakesh Kumar Ranjan
<b>Telephone</b>	: 03592-231151
<b>Mobile</b>	: 8100420032
<b>Email</b>	: rkranjan@cus.ac.in
<b>Students enrolled during 2015-16</b>	: Under-graduate- 34; Post-graduate- 33.

#### Faculty Profile

Name	Designation	Date of joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Rakesh Kumar Ranjan	Assistant Professor	05-07-2011	1 PhD*	1	nil
Dr. Nishchal Wanjari	Assistant Professor	30-04-2012	nil	nil	nil
Dr. Md. Abdullah Khan	Assistant Professor	09-04-2012	nil	nil	nil
Anand.G.Badekar	Assistant Professor	15-05-2014	nil	nil	nil
Om Prakash Kaptan	Assistant Professor	30-11-2015	nil	nil	nil

#### Guest Faculty:

Prof. V.C.Tewari

Dr. Amitabh Bhattacharya

Dr. Somendra Nath Chakraborty

#### Publication during 2015-16:

##### Book:

- Singh, A. and Ranjan R. (2016). Traditional methods for managing disasters: a case study in Sikkim. In: *South Asia Intra-Regional Conflict and Co-Operation* (Eds: Bhardwaj, V.K.and Sawant, N.K.), pp. 274-289. G.B. Books Publication, New Delhi. ISBN: 9-78-93-83930-4-32.
- V.C.Tewari (2016). *Kedarnath Prakratil Aapda, Jalvayu Parivartan Evam Himalayai Vikas Hetu Bhutakniki Sujhav*. Dehradun: Allied Publishers.

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):** Nil

**Invited lectures delivered (Faculty wise lecture delivered details):** Nil

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

- Nishchal Wanjari attended the UGC-sponsored Orientation Programme at North Bengal University, Siliguri, 30 July to 26 August, 2015.

**Projects (Details of faculty wise projects undertaken during the year):** Nil

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16.**

- Dr. V.Balaram, Scientist Emeritus, CSIR of National Geophysical Research Institute, delivered a lecture on “Chemistry Societal and Environmentand Tackling Climate Change” and Global Warming”at Department of Geology, Sikkim University, Gangtok, 5 October, 2015.

- Mr. Hiten Kumar Jalutharia of Geological Survey of India, Gangtok, Sikkim delivered a lecture on “*Geological features of Tethyan Himalayas in Sikkim*” at the Department of Geology, Sikkim University, Gangtok, 4 March, 2016.
- Dr. Catherine Mottram, Dalhousie University, Canada delivered a lecture on “*Tectonic and Metamorphic aspects of Sikkim Himalayas*” at the Department of Geology, Sikkim University on 20 February 2016.
- Prof. V.C. Tewari, Sikkim University, delivered a talk on “*Application of Laser Raman Spectroscopy in Physical and Biological Sciences*” as the National Science Day Lecture, Sikkim University on 29 February, 2016.



Geological Field training in Proterozoic-Buxa-Daling formation around Tatapani and Gondwana Sediments around Jorethang & Namchi, South Sikkim



Dr. Catherine Mottram, Dalhousie University, Canada delivered a lecture



Geological Field training in Vindhyan Sediments around Rohtas-Kaimur and Quartzite Pyroclastic and Basaltic Complex around Gaya-Rajgir-Bathani

#### 4. Department of Mathematics

<b>Name of the Head</b>	: Dr. Thoudam Roshan Singh
<b>Telephone</b>	: 03592 231552
<b>Mobile</b>	: 09862129880
<b>Email</b>	: trsingh@cus.ac.in
<b>Students enrolled during 2015-16</b>	: Post-graduate-22;

#### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Thoudam Roshan Singh	Associate Professor	05-05-2014	nil	nil	1
Ms. Rinkila Bhutia	Assistant Professor	06-05-2014	nil	nil	nil

#### Guest Faculty:

Prof. Pramod Kumar Sharma

Deepak Subedi

Dr. Moumita Paul

**Publications during 2015-16** : Nil

**Seminars/Conferences/Workshops/Training** : Nil

**Invited lectures delivered** : Nil

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

## Projects (Details of faculty wise projects undertaken during the year): Thoudam Roshan Singh

Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF
UGC-START UP GRANT	University Grants Commission, New Delhi	2 years (2015-2017)	60 Lakhs	nil

### Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16:

- 2-day workshop on “Techniques for Mathematical Optimization” was organized

by Department of Mathematics, Sikkim University, Gangtok on 29-30 March, 2016. This workshop was sponsored by Indian Statistical Institute, Kolkata.



Details of purchase and installation of lab-equipment during the year 2015-16 : Nil

Number and names of UGC/CSIR/SLET qualified students during 2015-16 : Nil

Outstanding achievements of your Department during 2015-16 : Nil

## 6. Department of Physics

<b>Name of the Head</b>	: Dr. Subir Mukhopadhyay ( <i>till 31.01.2016</i> )
<b>Telephone</b>	: 03592-251222
<b>Mobile</b>	: 09547605900
<b>Email</b>	: smukhopadhyay@cus.ac.in
<b>Name of the Head</b>	: Dr. Amitabha Bhattacharyya ( <i>w.e.f. 01.02.2016</i> )
<b>Telephone</b>	: 03592-232080
<b>Mobile</b>	: 09733012193
<b>Email</b>	: abhattacharyya@cus.ac.in
<b>Students enrolled during 2014-15</b>	: Post-graduate- 20, MPhil-2, PhD-12.

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			MPhil/PhD Scholars	Number of Publications	Extra-mural Research Project
Dr Subir Mukhopadhyay	Associate Professor	27-02-2012	2 PhD	nil	nil
Dr. Amitabha Bhattacharyya	Associate Professor	30-03-2012	1 PhD	4	nil
Dr. Archana Tiwari	Assistant Professor	27-02-2012	1 MPhil; 3 PhD	8	nil
Dr. Ajay Tripathi	Assistant Professor	27-02-2012	1 MPhil; 3 PhD	5	nil
Dr. Hemam Dinesh Singh	Assistant Professor	27-02-2012	1 PhD	nil	nil

**UGC-Assistant Professor:** Dr. Dhurba Rai (joined on 30-06-2014) Guiding PhD-2.

#### Publications during 2015-16:

##### Journals:

- Mukherjee, C., Rakshit, R., Ghorai, S., 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 Transactions* 44: 3724-3727.
- Mondal, T., **Tripathi, A.**, Zhang, J., Sathe, V., Shripathi, T., Shinohara, H. and **Tiwari, A.** (2015). Temperature-dependent Raman study of Gd@C82. *Journal of Physical Chemistry C* 119: 12698-12702.
- Sharma, H., Vendamani, V.S., Pathak, A.P. and **Tiwari, A.** (2015). Fraxinus paxiana bark mediated photosynthesis of silver nanoparticles and their size modulation using swift heavy ion irradiation. *Radiation Physics and Chemistry* 117: 184-190.
- Mondal, T., **Tripathi, A.** and **Tiwari, A.** (2015). Magnetization reversal in transition

- metal doped ZnO nanosystems. *Indian Journal of Pure and Applied Physics* 53: 701-704.
5. Shahi, P., Singh, R.K., Singh, R.K., Kumar, S., **Tiwari, A., Tripathi, A.**, Saba, J., Patnaik, S., Ghosh, A.K. and Chatterjee, S. (2015). Effect of dilution of both A- and B- sites on the multiferroic properties of spinal Mott insulators. *Materials Research Express* 2:076501-8.
  6. Bazracharza, A., **Tripathi, A.** and **Tiwari, A.** (2015). Ethnic extraction practices of Swertiachirayita in Eastern Himalaya: a spectroscopic approach. *Advanced Science Letters* 21(8): 2561-2565.
  7. Chettri, P., Vendamani, V.S., **Tripathi, A.**, Pathak, A.P. and **Tiwari, A.** (2016). Self assembly of functionalised graphene nanostructures by one step reduction of graphene oxide using aqueous extract of *Artemisia vulgaris*. *Applied Surface Science* 362: 221-229.
  8. Ghorai, S., Sarmah, A., Roy, R.K., **Tiwari, A.** and Mukherjee, C. (2016). Effect of geometrical distortion on the electronic structure: synthesis and characterization of monoradical-coordinated mononuclear Cu(II) complexes. *Inorganic Chemistry* 55(4): 1370–1380.
  9. **Bhattacharyya, A.** (2016). Science of Madal: traditional drum beat in modern context. *The Himalayan Review* 1(2): 1 2348-2893.
  10. **Bhattacharyya, A.** (2015). Meghnad Saha's paradoxical story railways and the 1922 North Bengal floods. Paper No. 6, CSSP Electronic Working Paper Series. ISSN: 0976- 2051
2. Pradhan, A. and **Bhattacharyya, A.** (2015). *Investigating Natural Surfactants as a Green Alternative: A Review in Modern Aspect in Materials Physics and Chemistry*. Lambert Academic Press, Saarbrucken, Germany. ISSN: 978-3-659-60640-3.

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details).**

- Ambika Pradhan (PhD student) and amitabha bhattacharyya presented a poster on “forced foam Drainage in Natural Surfactant System” at the 22<sup>nd</sup> National Conference on *Liquid Crystals*, organized by DIT University, Dehradun, 21-23 December, 2015.
- Ajay Tripathi, Shardha Pakhrin and Indra Hang Subba presented a paper on “Understanding velocity selective optical pumping in Rb-87 Atoms” at the International Conference on *Advances in Light Technologies and Spectroscopy of Materials (ICALTSM)*, organized by Department of Physics, University of Lucknow, Lucknow, 16-18 January, 2016.
- Rajesh Rawat (PhD student) and Ajay Tripathi presented a poster on “Laser induced breakdown spectroscopy for elemental investigation of Sikkim hot spring's water” at the International Conference on *Advances in Light Technologies and Spectroscopy of Materials (ICALTSM)*, organized by Department of Physics, University of Lucknow, Lucknow, 16-18 January, 2016.
- Yanku Lama Sherpa (MPhil Student), Ajay Tripathi, Archana Tiwari, A.P. Pathak, and V.S. Vendamampresented a poster on “Spectroscopic characterization of silicon nanoparticles synthesized by chemical and green reduction techniques ” at 4th International Conference on *Advanced Nanomaterial and Nanotechnology (ICANN-2015)*, organized by Centre for Nanotechnology, Indian Institute of Technology, Guwahati, 8-11 December, 2015.

**Books and book-chapter:**

1. Sur, U.K. and **Bhattacharyya, A.** (2015). *Modern Aspect in Materials Physics and Chemistry*. Lambert Academic Press, Saarbrucken, Germany. ISSN: 978-3-659-60640-3.

- Laden Sherpa (MPhil Student) Ajay Tripathi, Archana Tiwari, P. Sahi, R. Singh and S. Chatterjee presented a poster on “Effects of doping metal ion in  $\text{Li}_x\text{Co}_{(1-x)}\text{V}_2\text{O}_4$  and  $\text{Bi}_{(2-x)}\text{Se}_3\text{Co}_x$ ” by Laden Sherpa” at 4<sup>th</sup> International Conference on *Advanced Nanomaterial and Nanotechnology (ICANN-2015)* organized by Centre for Nanotechnology, Indian Institute of Technology, Guwahati, 8-11 December, 2015.
- Ambika Pradhan and Amitabha Bhattacharyya presented a paper on “Dirt in Foam: A New Method to Estimate Critical Micellar Concentration” at the 22<sup>nd</sup> National Conference on *Liquid Crystals*, organized by DIT University, Dehradun, 21-23 December, 2015.
- Prajwal Chettri (PhD Student) and Archana Tiwari presented a poster on “Self Assembly of Functionalised Graphene Nanostructure by One Step Reduction of Graphene Oxide using Aqueous Extract of *Artemisa Vulgaris*” at the International Conference on *Material Science and Technology*, Delhi University, New Delhi, 1-4 March, 2016.
- Trisha Mondal (PhD Student), J. Zhang, A. Tripathi, V. Sathe, H. Shinohara, T. Shripathi and A. Tiwari and Trisha Mondal presented a paper on “Thermal effect on Raman scattering of Endohedral metallofullerene  $\text{M}@C_{82}$  (M=Gd, Dy)” at the International Conference on *Material Science and Technology*, Delhi University, New Delhi, 1-4 March, 2016.

- Rajesh Rawat (PhD Student) attended the International Conference and Workshop on *Frontiers of Spectroscopy*, at Department of Physics, Banaras Hindu University, Varanasi, 8-12 January, 2016

**Invited lectures delivered (Faculty wise lecture delivered details).** Nil

**Faculty wise details of Refresher Course/Orientation programme attended.** Nil

**Projects (Details of faculty wise projects undertaken during the year):** Nil

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16:**

- Lecture series: Five lectures were delivered by Dr. Ujjal Kumar Sur, Assistant Professor, Department of Chemistry, Behala College, Kolkata, covering the field of Nano and Soft Materials. The lectures were held at the Department of Physics, Sikkim University, Gangtok, 6-9 November, 2015.

**Outstanding achievements of your Department (teachers and students) during 2015-16:**  
One student has cleared UGC-NET.

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

- Nishal Rai, UGC-JRF NET in June 2015

## SCHOOL OF LANGUAGES AND LITERATURE

<b>Name of the Dean</b>	: Dr. Irshad Gulam Ahmed, Professor in English
<b>Telephone</b>	: 03592-231551
<b>Mobile</b>	: 09434880912
<b>Email</b>	: igahmed@cus.ac.in
<b>Number of Departments under this School</b>	: 4

### 1. Department of Chinese

<b>Name of the In-charge</b>	: Dr. Dhriti Roy
<b>Telephone</b>	: 03592-231662
<b>Mobile</b>	: 09932861528
<b>Email</b>	: droy@cus.ac.in
<b>Students enrolled during 2015-15</b>	: Under-Graduate - 2; Post-Graduate - 4.

### Faculty Profile:

Name	Designation	Date of Joining	2015-16		
			Number of PhD students	Number of Publications	Extra-mural Research Project
Dr. Dhriti Roy	Assistant Professor	27-02-2012	nil	1	nil
Moromti Baroowa	Assistant Professor	29-04-2014	nil	nil	nil
Irfan Ahmad	Assistant Professor	07-12-2015	nil	nil	nil

**Guest Faculty:** Snumit Targain

#### **Publications during 2015-16:**

- Roy, D. (2016). Hindu *Gosains* and Tantric Buddhism: glimpses of the complex patterns of cultural negotiations in pre-modern Bengal and Tibet through Chinese historical records. *International Journal of Interdisciplinary Research Centre (IJIRC)*, 3 (I): 60-71. ISSN: 2455-2275 (E).

#### **Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):**

- Roy, D. presented a paper on "Hindu *Gosains*, Tantric Buddhism and the *Sahajiya* Cult: exploring the complex patterns of cultural negotiations in pre-modern Bengal, Orissa, Tibet and Nepal through Chinese historical records" at the 8<sup>th</sup> All India Conference of

*China Studies*, organized by the Institute of Chinese Studies, ICS, Delhi and hosted by Sikkim University, 5-7 November, 2015.

- Roy, D. presented a paper on "An Intensive Study of Chinese Grammar through Modular Packages: Gateway to Innovative Teaching and Effective Learning" at the *Chinese Language Conference*, 2015, organized by the Indian Air Force, Bagdogra, 27-28 October, 2015.
- Roy, D. presented a paper on "The Unheard Voices of the 'Other': Few Critical Observations on the Complex Dynamics of Contemporary Chinese Literary Culture: On Evolution, Change and Continuity", at the Seminar on *Trends in Contemporary Literature: Issues and Perspectives: Issues and Perspectives*, organized by the School of

Languages and Literature, Sikkim University, 29-31 May, 2015.

- Roy, D. presented a paper on “*Vinaya*, Relic Veneration, Gentry Buddhism, Apologetic Literature: Exploring the Complex Process of Sinicization of Buddhism in Fifth Century China” at the Workshop organized by Hakubi Centre for Advanced Research, Kyoto University and Sikkim University, Gangtok, 21-22 March, 2016.
- Ahmad, I. participated in a joint translation workshop of Ministry of External Affairs, Government of India and National Book Trust to translate selected Chinese classics and contemporary literary works into Hindi on 19 February, 2016.
- Roy, D. participated in a one-day workshop on “Knowing IQAC” organized by the Internal Quality Assurance Cell of Sikkim University, Gangtok on 28 August, 2015.

**Invited Lectures Delivered :** Nil

**Refresher Course/Orientation Programme Attended:** Nil

**Research Projects Undertaken:** Nil

**Details of Conference Organized by the Department:**

The 8<sup>th</sup> All India Conference of China Studies was organized by the Department of Chinese in collaboration with the Institute of Chinese Studies, ICS, New Delhi and funded by ICSSR, New Delhi, ICSSR, NERC, Shillong, and Sikkim University on 12-14 November, 2016. There were 36 paper presenters at this national conference from across the country, from various academic disciplines, and 75 scholars from academia and the National Defence Services attending this conference.

**Details of Invited Lectures Organized by the Department:**

**Professor Priyadarshi Mukherjee**, Professor at the Centre for Chinese and Southeast Asian Studies, Jawaharlal Nehru University (2015), delivered an invited lecture entitled, *The Changing Dynamics of Contemporary Chinese Literature in Post-Mao China* on 4 May, 2015, organized by the Department of

Chinese at Sikkim University, Barad Sadan, 5<sup>th</sup> Mile, Tadong.

**Professor Mumin Chen**, Associate Professor at the Graduate Institute of International Politics and Director of the Centre for Strategic Studies on South Asia and the Middle East, National Chung Hsing University, Taichung, Taiwan (2015), delivered a Special Lecture, entitled, *Taiwan's Diplomatic Relations with the International Community and Taiwan-China Cross Strait Relations: Perspectives and Challenges* on 3 September, 2015, organized by the Department of Chinese at Sikkim University, Barad Sadan Seminar Hall, 5<sup>th</sup> Mile, Tadong.

**Outstanding Achievements of the Department:**

- **Mr. Aditya Kumar Ranjan**, a Bachelor graduate from the Department of Chinese (2012-2015) was awarded full one year Chinese Government Scholarship in July 2015, under the Chinese Government Scholarship Scheme for admission to MBA programme at Beijing Normal University, Beijing, China.
- Students of the 5<sup>th</sup> year integrated BA-MA course at the Department of Chinese, Sikkim University participated and won awards at the Chinese Language Proficiency competition, organized jointly by the Chinese Consulate, Kolkata and the School of Chinese Language on 17 October 2015. Joint First Prize was won by Mr. Subham Dutraj and Mr. Dilip Gupta (BA III semester) for Chinese song, Second Prize was awarded to Ms. Sheetal Pradhan (MA I semester) for speech contest, Third Prize was won by Ms. Reebur Seba Gowloog Lepcha (BA V semester) and Mr. Vinod Kumar (BA V semester) in poetry recitation competition.
- **Dhriti Roy** was selected as one of the members of the first Inspired Teachers' Network (ITN) of Sikkim University in November 2015 on the basis of the video-recording of their teaching, peer review and students' feedback. The member teachers of the Inspired Teachers' Network are expected to be sources of inspiration and benchmark the quality of teaching at the university.



Visiting Professor Mumin Chen and students during Special Lecture

## 2. Department of English

<b>Name of the Head</b>	: Prof. Irshad Gulam Ahmed
<b>Telephone</b>	: 03592-231551
<b>Mobile</b>	: 09434880912
<b>Email</b>	: igahmed@cus.ac.in
<b>Students enrolled during 2014-15</b>	: Post-graduate – 33; MPhil – 5; PhD- 3.

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Irshad Gulam Ahmed	Professor	21-05-2014	1 PhD	nil	nil
Dr. Jayita Sengupta	Associate Professor	04-06-2014	2 MPhil	1	nil
Dr. Rosy Chamling	Associate Professor	14-01-2016	1 PhD; 1 MPhil	nil	nil
Dr Ram Bhawan Yadav	Assistant Professor	28-04-2014	1 MPhil	1	nil
Ms. Saswati Saha	Assistant Professor	08-05-2014	1 MPhil	1	nil
Ms. Abrona Lee Pandi Aden	Assistant Professor	08-05-2014	nil	2	nil

### Publications during 2015-16:

1. Saha, S. (2015). Translating primers, translating knowledge: reassessing colonial modernity through translatorial politics of Vidyasagar. *English Forum: Journal of the Department of English, Gauhati University* 4: 90-112. ISSN 2279-0446.
2. Aden, A.L.P. (co-author) (2015). The story of Sikkim in Chetan Raj Shrestha's *The King's Harvest*. *Journal of Social Sciences, Bodoland University*, 3(2):34-43. ISSN-2320-0952.

3. Aden, A.L.P. (2016). Norm and deviance: re-envisaging gender and sexuality in Shyam Selvadurai's *Funny Boy*. *International Journal of Humanities & Social Studies*, 4(2): 236-266, e-journal. ISSN-2321-9203.
4. Yadav, R.B. (2016). Subverting neo-colonial legacies via national consciousness and resistance in Kiran Desai's *The Inheritance of Loss: A Postcolonial/ Fanonian Reading*. *The Himalayan Review* 1(2): 257-268. ISSN 2348-2893.
5. Sengupta, J. (2015-16). Edited 2 issues of Volume I of the peer reviewed, international e-journal, *Caesurae: Poetics of Cultural Translation* (www.caesurae.org ISSN 2454-9495)

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details).**

- Saha, S. presented a paper on “Performing Alternative Ramayana: A Study of the (Re)presentation of Subalternity and Marginalisation in Modern Bengali Theatre” at the UGC Sponsored National Seminar on *Changing Directions of the Postcolonial Indian Theatre* organized by Departments of Bengali and English, University B.T. & Evening College, North Bengal University in collaboration with Department of English, Dinhata College, 29-30 September, 2015.
- Saha, S. presented a paper on “Anubader Madhyame Adhunik Astitwer Unmesh: Unabimsha Shatabdir Pathyapustaker Anubad Charchar Ekti Uttar-Ouponibeshik Path” at the *Twelfth International Conference of History & Heritage 2016* organized by Itihas Academy, Dhaka at the National Academy for Educational Management (NAEM), Dhaka, Bangladesh, 19 February, 2016.
- Aden, A.L.P. presented a paper on “Of myths and men: The Gorkhas and the First World War” at the UGC-sponsored National Seminar on *1914 and Beyond: Literary Reflections of War*, organized by the Department of English, Asannagar Madan Mohan Tarkalankar College, Nadia, 27-28 November, 2015.
- Aden, A.L.P. presented a paper on “Sikkim through the (P)Ages: a reading of Chetan Raj Shrestha's *The King's Harvest* and *The Light of His Clan*” at the International Seminar on *Politics, History and Fiction in South Asia with Special Focus on Pakistan and North-East India*, organized by the Department of English, Gauhati University, 25-27 February, 2016.
- Chamling, R. presented a paper on “The politics of othering in Kiran Desai's *Inheritance of Loss*” at the UGC-sponsored Inter-Disciplinary National Level Seminar on *State Politics: Issues and Challenges* organized by the Department of Political Science, St. Joseph's College, North Point, Darjeeling, 27-28 April, 2015.
- Sengupta, J. presented a paper on “Narratives of cultural cognition: sacred paintings from Tibet” at Language Literature and Cognition National Seminar cum Workshop, organized by HSS, IIT Guwahati, 25-27 November, 2016.
- Sengupta, J. presented a paper on Plenary presentation on “Gendered Realities: Narratives from Kolkata” at the International Conference on *Configuring the Common Man*, organized by Amrita University, Coimbatore, 6-7 January, 2016.
- Sengupta, J. presented a paper on “The progressive writers movement, Chughtai and the recalcitrant sexuality in her stories”, International Conference on *Ismat Chughtai*, organized by Department of Comparative Literature, Jadavpur University, 3-15 January, 2016.
- Sengupta, J. presented a paper as Invited Presentation on “Translating Gandharvee: A

- Musical Text” at Hyderabad Literary Festival, Hyderabad, 7-10 January, 2016.
- Sengupta, J. presented a paper on “Narrative aesthetics of Tibetan Buddhist Thankas” CLAI Conference at Visva Bharati, Santiniketan, 16-17 January, 2016.
- Sengupta, J. presented a paper on “Readings from creative fiction”, organized by Caesurae and Bharatiya Bhasha Parishad, International Literary Meet, Kolkata, 21 December, 2015.

### Invited lectures delivered (Faculty wise lecture delivered details).

Purpose of visits	Institute, Place and Country	Date
<b>Prof. Irshad Gulam Ahmed</b> i) Invited Lecture on “Poetry of Kamala Das”. ii) Chairman and Invited Speaker at the National Seminar on Samakalin Sahitya: Samvedana Aur Abhivyakti Ka Prarop organized by Department of Hindi, Sikkim University. iii) Coordinator: Convener of Three-Day Intra-School Interdisciplinary National Seminar on Trends in Contemporary Literature, Issues and Perspectives.	Sikkim Government College, Tadong  Sikkim University, Gangtok  School of Languages and Literature, Sikkim University in collaboration with ICSSR-NERC, Shillong, and Sahitya Akademi	9 March, 2016.  20 March, 2016.  29-31 May, 2015
<b>Dr. Jayita Sengupta</b> i) Plenary Speaker ii) Invited Speaker Hyderabad Literary Festival  iii) Invited Speaker	Amrita University, Coimbatore.  “Translating Gandharvee : A Musical Text”- Hyderabad.  Readings from fiction in progress, organized by Caesurae Collective and Bharatiya Bhasha Parishad, Kolkata,	6-7 January, 2016  8-10 January, 2016  21 December, 2015.
<b>Ms. Abrona Lee Pandi Aden</b> National Seminar on 1914 and Beyond: Literary Reflections of War organized by the Department of English, Asannagar Madan Mohan Tarkalankar College.	Asannagar Madan Mohan Tarkalankar College, Nadia,	27-28 November, 2015
<b>Ms Saswati Saha</b> i) Invited Lecture on ‘Translating Primers, Translating Knowledge: Reassessing Colonial Modernity Through Translatorial Politics’ ii) Coordinator: Co-treasurer of Three-Day Intra-School Interdisciplinary National Seminar on Trends in Contemporary Literature, Issues and Perspectives.	Government General Degree College, Jalaghata, Singur, Hooghly, West Bengal.  School of Languages and Literature, Sikkim University in collaboration with ICSSR-NERC, Shillong, and Sahitya Akademi	24 July, 2015  29– 31 May, 2015

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

Name of teacher	Course/ Workshop	Name of University	Duration
Ms. Abrona Lee Pandi Aden	UGC-sponsored Orientation Course	University of North Bengal	30 July- 26 August, 2015
Ms. Saswati Saha	Workshop on IQAC	Internal Quality Assurance Cell, Sikkim University	28 August, 2015

**Projects (Details of faculty wise projects undertaken during the year):** Nil

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16.**

- Three-Day Intra-School Interdisciplinary National Seminar on *Trends in Contemporary Literature, Issues and Perspectives*. Organized by School of Languages and Literature, Sikkim University in collaboration with ICSSR-NERC, Shillong, and Sahitya Akademi, New Delhi, 29-31 May, 2015.
- Tim Hoffman, Lecturer in Ethnomusicology and Linguistics, Keio University, Daito Bunka University (Japan), delivered a lecture on “Music and Narrative” at Department of English, Sikkim University, Gangtok, 10 September, 2015.
- Prof. (Late) Sameera Maiti, Department of Anthropology, Sikkim University delivered a

lecture on “Animism” at Department of English, Sikkim University, Gangtok, 23 September, 2015.

**Outstanding achievements of your Department (teachers and students) during 2015-16:**

The following students have secured employment in various institutions:

- Mouna Lama was appointed as Assistant Professor of English in Diamond Harbour Women's University, West Bengal.
- Sikha Tamang was appointed as Assistant Professor of English, in Darjeeling Government College, WBES.
- Deepak Kumar Upadhyay was appointed as Hindi Officer, Food Corporation of India, Ranchi.

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-2016:**  
Nil

**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 2015-16** : Post-graduate-6; MPhil- 2.

**Faculty profile**

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Mr. Dinesh Shahu	Assistant Professor	23-04-2014	2 MPhil	2	nil
Mrs. Chukey Bhutia	Assistant Professor	05-12-2014	nil	3	nil

**Guest Faculty:**

Dr. Aditya Vikram Singh

Dr. Shree Kant Dwivedi

Prof. Biswanath Prasad

**Publications during 2015-16:****Research Papers:**

1. Shahu, D. (2015). Adivasi Janajivan Evam Samakaalin Hindi. *Meghalaya Darpan* 18: 36-38.
2. Shahu, D. (2016). Asamiya Chhayavadi Kavyon men Abhivyakt Prakriti. *Samanvaya Poorvoter* 24: 71-76.
3. Bhutia, C. (2015). Hindi bhasha ka sandarbh aur Purvottar Rajya. *Samajiki Sandarsh* 3(4): 3. ISSN: 2348-0076.
4. Bhutia, C. (2015). Purvottar Rajyonka sanskritik paridrishya. *Research Highlights* 2: 4-ISSN:2350-0611.
5. Bhutia, C. (2016). Manavta aaj ke sandarbh men. *Samanvaya Poorvoter* 24. ISSN: 2231-6132.
6. Dwivedi, S.K. (2015). Shreelal Shukla ka Bhashayi Drishtikon. *Viksha* 11&12: 48-49.
7. Prasad, B. (2015). Jayshankar Prasad Aur Ramchandra Shukla ki Kavya Drishti. *Vishwa Bharati Patrika* 60: 174-199.
8. Rai, N. (student) (2016). Khechhupuri Lek. *Samanvaya Poorvoter* 24: 1-3.

**Book-Chapter:**

1. **Singh A.V.**(2015). Dinkar ka kavya chintan: kurukshetra ke sambandh men. In: *Samay ka sury: Dinkar* (Ed: Kumar Varun). Bihar Hindi Granth Academy, Patna, pp. 266-279. ISBN: 9789383021963.
2. **Dwivedi, S.K.**(2015). Stree jivan aur Divya. In: *Upnyas rang, roop, chitr*, (Ed: Shailendra Kumar Tripathi). Samvay Prakashan, Ghazibad, pp. 54-61. ISBN: 9789384569273.

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

- Shahu, D. presented a paper on “Samakalin Hindi Kavitaon Me Chitrit Adivasi” at the Three-Day Intra-School Interdisciplinary National Seminar on *Trends in Contemporary Literature: Issues and Perspective*, Sikkim University, Gangtok, 29-31 May, 2015.
- Shahu D. participated as a representative from Sikkim University to the 10th World Hindi Conference on “Hindi Jagat: Vistar Evam Sambhawnayen” held at Bhopal, Madhya Pradesh organized by Ministry of External Affairs, Govt. of India, 10-12 September, 2015.
- Shahu D. participated in the One-Day workshop on “Addressing Regional Disparity in Higher Education in India” organized by Dept. of Education, Sikkim University, 27 September, 2015.
- Shahu, D. presented a paper on “Bhaktikalin Kavya – Sanskritik Samvedana Evam Mulyabodh” at the International Seminar on *Hindi Sahitya Men Sanskritik Samvedana Aur Mulyabodh* Varanasi, 13-15 January, 2016.
- Bhutia, C. presented a paper on “Samakalin Kahaniyon men Stree Vimarsh” at the Three-Day Intra-School Interdisciplinary National Seminar on *Trends in Contemporary Literature: Issues and Perspective*, Sikkim University, Gangtok, 29-31 May, 2015.
- Bhutia, C. presented a paper on “Adivasi Vimarsh Aur Hindi Sahitya” at the national seminar on *Adivasi Vimarsh Aur Hindi Sahitya*, NEHU, Shillong, 11-12 March, 2016.
- Dwivedi, S.K. presented a paper on “Adivasi Sangarsh Ki Gatha- Global Gaon Ka Devat” at the National Seminar on *Adivasi Vimarsh*, MMM College, Durgapur, 2 May, 2015.
- Dwivedi, S.K. presented a paper on “Jivivisha Ka Sandarbh – Hajari Prasad Dwivedi Ke Nibandh” at the National Seminar on *Darshan Aur Sahitya: Hajari Prasad Ka Vishesh Sandarbh*, Visva Bharati,

- Santiniketan, 24-26 September, 2015.
- Rai, Nunita presented a paper on “Nepali Sanskriti” at the International Seminar on *Hindi Sahitya Men Sanskriti Samvedana Aur Mulyabodh*, Varanasi, 13-15 January, 2016.
  - Rai, Nunita presented a paper on “Shivmurti Ki Kahaniyon men Samkalinta Ke Aayam” at the National Seminar on *Samakalin Sahitya: Samvedana Aur Abhivyakti Ka Praroop*, Department of Hindi, Sikkim University, Gangtok, 20-21 March, 2016.
  - Gupta, Ranju presented a paper on “Lepcha Sanskriti” at the International Seminar on *Hindi Sahitya Men Sanskriti Samvedana Aur Mulyabodh*, Varanasi, 13-15 January, 2016.
  - Gupta, Ranju presented a paper on “Samakalin Hindi Kahaniyon Men Yug Chetna” at the National Seminar on *Samakalin Sahitya: Samvedana Aur Abhivyakti Ka Praroop*, Department of Hindi, Sikkim University, Gangtok, 20-21 March, 2016.

### Invited lectures delivered (Faculty wise lecture delivered details)

Dinesh Shahu as Invited Resource Person/Guest Speaker	Hindi Cell, Sikkim University	2 September, 2015
	MSME, Gangtok	24 September, 2015
	SCERT, Sikkim	14-17 March, 2016
Chukey Bhutia as Invited Resource Person/Guest Speaker	Khadi and Village. Commission, Gangtok	14 September, 2015
	AIR, Gangtok	12 November, 2015
	SCERT, Sikkim	14-17 March, 2016
Aditya Vikram Singh as Invited Resource Person/Guest Speaker	AIR, Gangtok	14 November, 2015
	AIR, Gangtok	14 January, 2016
	AIR, Gangtok	11 March, 2016
Shree Kant Dwivedi as Invited Resource Person/Guest Speaker	AIR, Gangtok	24-31 March, 2016

### Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-2016:

Nil

### Seminar/Workshop organized by the Department during the year 2015-16.

The Department of Hindi, Sikkim University, in association with Kendriya Hindi Sansthan, Agra, organized a two-day National Seminar on “Samakalin Sahitya: Samvedana Aur Abhivyaktika Praroop”, Gangtok on 20-21 March, 2016.



#### 4. Department of Nepali

Name of the Head	: Professor Pratap Chandra Pradhan
Telephone	: 03592-251342
Mobile	: 9474024738
Email	: pcpradhan@cus.ac.in

**Number of students enrolled during 2015-16** : Post-graduate–36;MPhil–6;PhD–3.

#### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Prof. Pratap Chandra Pradhan	Professor	24-06-2012	2 MPhil, 1 PhD	4	nil
Dr. Kabita Lama	Associate Professor	04-04-2012	1 MPhil, 1 PhD	4	nil
Dr. Pushpa Sharma	Associate Professor	15-05-2014	1 MPhil, 1 PhD	1	nil
Shri Samar Sinha	Assistant Professor	29-03-2012	2 Mphil	3	nil
Shri Dewchandra Subba	Assistant Professor	12-04-2012	nil	1	nil
Shri Balaram Pandey	Assistant Professor	01-05-2012	nil	2	nil

#### Publications during 2015-16:

##### Publications of faculty:

- Pradhan, P.C. (2015). Darjeelingko Pahilo Gadyakar Padari Ganga Prasad Pradhan. In: *Focus* (Ed: Chhetri, Tek Bahadur et al.), Padari Ganga Prasad Smriti Pratisthan, Gangtok, Sikkim, pp 9-14, ISBN: 9789384077242.
- Pradhan, P.C. (2015). Samajik Evam Sanskritik Pardrishyama Tulsidas Krit Rama Charitmanas ra Bhanu Bhaktiya Ramayana. In: *Bhanu Smarika* (Ed: Chhetri, Tek Bahadur et al.), Jana Pakchha Prakashan, Gangtok, Sikkim, pp 9-12, ISBN: 9789384077259.
- Pradhan, P.C. (2015). Newar Samudayama Bhimsenko Mahatwa. In: *Smarika* (Ed: Pradyumna Shrestha), Sikkim Newa Guthi, Gangtok, pp 8-11.
- Pradhan, P.C. (2016). Yuddha ra Yoddha–mā jatiya Chetana: Diasporic Lekhabko Kasima. In: *Yuddha ra Yoddha: Samikxakko Dristima*, pp.76-84. Jana Pakchha Prakashan, Gangtok. ISBN: 978-93-84077-38-9.
- Lama, K. and Basu, S. (2015). Damphu and Damphu-geet in Indian Folk Culture. In: *Tamang Selo: An Anthology* (Eds: Dasgupta, Sayantan and Tamang, Shradhanjali). Jadavpur University Press in collaboration with centre for translation of Indian Literature, Jadavpur University, Kolkata, pp 17-29. ISBN: 9789383660056.
- Lama, K. (2015). Bharatma Kavi Bhanubhaktako Prabhav. In: *Bhanu Vimarsh* (Eds: Narendraraj Prasai and Awasthi,

- Mahadev). Nai Prakashan, Kathmandu, pp. 95-126.
7. Lama, K. (2015). Vadhushikshamathi Rajani Dhankalko Mulyankan Aitihashik Upalabdhi. In: *Vadhushiksha ra Mulyankan*, pp. 17-28. Nai Prakashan, Kathmandu.
  8. Lama, K. (2015). Amar Baniyaka Amar Kavitaru. In: *Mannko Canvas* (Anthology of poetry). Kavyaakshar Prakashan, Gangtok. ISBN- 9789937003292.
  9. Sharma, P. (2015). Bharatma Bhanubhaktiya Kritiharuko Adhyan Parampara ra Prabhav. In: *Bhanu Bimarsa* (Ed: Indira Prasai), Nai Prakashan, Kathmandu, pp. 204-263.
  10. Sinha, S. (2015). Classifiers in Indian Sign Language. *Indian Linguistics* 76(1-2): 99-114. ISSN: 03780759.
  11. Subba, D. (2015). Uttaraupniwesik lekhan ra Bharatiya Nepali Kavita. *NBU Nepali Academy Journal* 11: 83-93. ISSN: 2321-144X.
  12. Sinha, S. and Pandey, B. (2016). Nepali Bhasa. In: *Uttar Pradesh Ki Bhashayein* (Ed: G.N Devy), Vol 29 part 1, pp 32- 53. People's Linguistic Survey of India, New Delhi: Orient Blackswan. ISBN: 978-81-250-6136-6.
  13. Pandey, B. and Sinha, S. (2016). Nepali Bhasa. In: *Uttar Pradesh Ki Bhashayein* (Ed: G.N Devy), Vol 29 part 1, pp 32- 53. People's Linguistic Survey of India, New Delhi: Orient Blackswan. ISBN: 978-81-250-6136-6.

#### Publications of Students (M.Phil/ PhD)

1. Dangal, P.M. (2015). Khoji Patrakaritako Saidhantik Parichaya. In: *Focus* (Ed: Chhetri, Tek Bahadur et al.), Padari Ganga Prasad Smriti Prathisthan, Gangtok, 116-135. ISBN: 9783984077242.
2. Dangal, P.M. (2015). Khas-Chhetri Bahunko Lok Sanskritik Parichaya. In: *Folk Tales of Sikkim* (Ed: P.N. Tamang), Cultural Affairs and Heritage Department, Govt. of Sikkim, Gangtok, pp. 1- 67. ISBN: 9789384077150.
3. Dangal, P.M. (2016). Nepali Lok Sahityama Maruni. In: *Indrakeel* (Eds: P.M. Dangal, Geeta Nirola et al.), Vol. 2, Issue 3, Sikkim Govt. College, Tadong, Gangtok, pp. 57-65.
4. Bantawa, S. (2015). Dhruba Chawhanko Bal Ekanki Sangraha Akxar Ujyalo Mathi Ek Dristi. In: *Sahitya Sanket Year 49* (Ed: Kumar Chhetri), Vol. 36. Nepali Sahitya Adhyan Samiti, Kalimpong, pp. 78-86. ISSN: 2278-2761.

#### Invited lectures delivered:

##### Prof. P.C. Pradhan as Invited Speaker:

- On Pawan Chamling Krit Pavitra Kraanti, organized by Jana Pakchha Prakashan, Gangtok, 19 April, 2015.
- Three-Day Regional Vedic Conference organized by Government Sanskrit College, Samdong in collaboration with Maharshi Sandipani National Veda Vidya Pratisthan, Madhya Pradesh, 11-13 March, 2016.
- Key-note speech on *Multilingual Writers' Meet* organized by Sahitya Akademi in collaboration with Nepali Sahitya Parishad at Mannan Kendra, Gangtok, 20-21 September, 2015.

##### Kabita Lama as Invited Speaker:

- “Vartaman Sandharbhama Nepali Bhasako Prayog” Gorkha Janamukhti Yuva Morcha, Central Committee at Gorkha Rangamancha Bhavan, Darjeeling, 20 August, 2015.
- “Bharatiya Nepali Kavita Naya Pravriti Ani Drishtikun” Chiya Kavita, at Rachana Book House, Gangtok, 17 December, 2015.
- “Kavi Kewal Chandra Lamako Kavita Lekhan” Srijanavrita at Devkota Sanga Conference Hall, Siliguri, 31 December, 2015.
- “Nepali Samalochanama Guman Singh Chamlingko Yogdan” Aadhyta Vikram Guman Singh Chamling Salig Nirman Samiti,

- Relling, Bijanbari, Darjeeling, 10 January, 2016.
- “Samalochak Jas Yonjan 'Pyasi' ani yinko kriti *PARICHARCHA*” Gorkha Jana Pustakalaya at Parasmani Prekshaghriha, Kurseong, Darjeeling, 20 March, 2016.
  - “Harit Vidha Kavita” Srijanshil Sahitya Lekhan Manch, at Hotel Rangit Valley, Jorthang, 13 December, 2015.
  - “Samakalin Bharatiya Nepali Sahitya” Assam Nepali Sahitya Sabha, at Kajal Gaon, New Bogaigaon, Assam, 4 January, 2016.
  - “Nepali Sahityako Vivwabapikaran” International Nepali Literature Society, Japan Chapter, Tokyo, Japan, 20 September, 2015.
  - Pushpa Sharma chaired “Antarastriya Nepali Mahila Sammelan: Bishwa Kavya Ghosti” Sydney, Australia, 5 March, 2016.
  - Samar Sinha chaired two technical sessions at the 37<sup>th</sup> International Conference of Linguistic Society of India, Jawaharlal Nehru University, New Delhi, 15-17 October, 2015.
  - Samar Sinha was a Consultant at 3-day Workshop for Chunking in Indian Languages LDC-IL, CIIL, Mysore, 28-30 December, 2015.
  - Sinha was a Resource Person in Training of KRPs in Communication Skills (English) at the Secondary Level NERIE-NCERT, Shillong in collaboration with State Education Department, Govt. of Sikkim, Gangtok, 21-25 September, 2015.
  - Balaram Pandey was a panellist on “Threatened Tribal Languages; Changing Cultural Landscape & Diminishing Tribal Heritage at Samvaad – a Tribal Conclave”, organized by Tata Steel, Jamshedpur, Jharkhand, 15-18 November, 2015.
  - Kabita Lama presented a paper on “Petrisatta ra Narivad: Sandharva Nepali Sahitya” at 2<sup>nd</sup> *International Nepali Women Conference*, organised by International Nepali Literature Society at Sydney, Australia, 4-6 March, 2016.
  - Pushpa Sharma presented a paper on “Purvotar Bharatma Ramayan Mahabharat Ko Prabhaw” at the Seminar on *Sanskar Bharati Purvotar Sambanda*, organized by Ramayan Mahabharata Purvotar Samvad: Vision 20/20 and Sanskar Bharati Sikkim Chapter, Gangtok, 18-19 March, 2016.
  - Sinha, Samar presented a paper on “Negation in Nepali: an exploration in its landscape at 37<sup>th</sup> International Conference of Linguistic Society of India, Jawaharlal Nehru University, New Delhi, 15-17 October, 2015.
  - Balaram Pandey presented a paper on “Nepali Literature and Readership in India” at the 2<sup>nd</sup> International Nepali Literary Symposium, organized by Bharat-Nepal Janamaitri Manch, Kolkata, 11-12 April, 2015.
  - Balaram Pandey presented a paper on “Languages of Sikkim: Role of the state and the present scenario” at the International Seminar on *Languages of Asia: Survival of the Oral into Digital Future*, organized by Asia Project, India International Centre, New Delhi and Bhasha Research and Publication Centre of Baroda, New Delhi, 22-24 September, 2015.

#### **Seminars/Conferences/Workshops/Training (MPhil, PhD Scholars):**

- Dangal, P.M. presented a paper on “Sikkimma Nepali Bhashako Vistar” at the International Seminar on *Nepali Language*, organized by Nepal Academy and Bhanu Pratisthan, Kathmandu, 11-13 March, 2016.
- Dangal, P.M. presented a paper on “Samakalin Sikkimki Nepali Kahaniya” at the National Seminar, organized by the Department of

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

Hindi, Sikkim University in collaboration with Central Hindi Directorate of Agra, Gangtok, 20-21 March, 2016.

- Bantawa, Suman presented a paper on “Folk Medicine in Vougé in Nepali Folk Community” at the International Seminar on *Asom Vidya*, organized by Guwahati University, Guwahati, 26-27 February, 2016.
- Bantawa, Suman presented a paper on “Samakalin Bharatiya Nepali Kavita” at the National Seminar, organized by the Department of Hindi, Sikkim University in collaboration with Central Hindi Directorate of Agra, Gangtok, 20-21 March, 2016.
- Sharma, Bhim attended the Workshop on *Course on Introduction to Translation*, organized by National Translation Mission in Central Institute of Indian Languages, Mysore, 19 January to 8 February, 2016.
- Chhetri, Shrijana presented a poster on “Postposition and relator noun in Nepali” at 37<sup>th</sup> International Conference of Linguistic Society of India, JNU, New Delhi, 15-17 October, 2015.
- Chhetri, Shrijana attended the Workshop on *Course on Introduction to Translation*, organized by National Translation Mission in Central Institute of Indian Languages, Mysore, 19 January to 8 February, 2016.
- Rai, Suman, presented a poster on “Phi-feature in Thulung” at 37<sup>th</sup> International Conference of Linguistic Society of India, JNU, New Delhi, 15-17 October, 2015.
- Bhujel, Bishnu Lal, presented a poster on “A Devanagari based Orthography for Bhujel language: Problems and Prospects” at 37<sup>th</sup> International Conference of Linguistic Society of India, JNU, New Delhi, 15-17 October, 2015.

#### Refresher Course/Orientation Programme att.d:

- Dewchandra Subba attended the Orientation Course sponsored by UGC at the University of North Bengal, from 30 July to 26 August, 2015.

#### Other Activities of the Department during 2015-16:

##### Meet the Author

The primary objective of the Meet the Author programme is to facilitate students to meet authors, to familiarize with their works outside the classroom setting, and to interact with them. Meet the Author programme is designed for knowledge generation and dissemination beyond the formal methods of teaching, which was otherwise done randomly.

##### Bhasa Diwas

Nepali Language is one of the schedule languages of India. The Constitution of India under the Eight schedule recognized it as a national language on 20 August 1992. The Department of Nepali celebrates this day every year.



##### Field Survey and Documentation of Nepali folklore

A field study tour/survey of the Department of Nepali was conducted on 10-17 October, 2015 to document some of the endangered folk heritage of five ethnic groups of Sikkim, namely, Gurung, Khas, Limboo, Rai and Sherpa. The survey was conducted under the supervision of Shri Balaram Pandey, Assistant

Professor of the Department, in Uttarey, West Sikkim, which borders Nepal. Altogether 28 students having specialization in Nepali folklore (Course: NEP-PG-0303, III SEM) collected data through interviews, recordings (voice and video), still photographs, participatory observation etc. The team has recorded and documented various genre of folklore like folksongs, oral narratives including folktales, culture,

music, art and craft. It was found that many lores of these communities are fading away and are endangered. The survey team has documented some of these endangered heritages in written and digital form. At the end of the programme students made individual presentation in the department and submitted around 600 page report.



Science Laboratory



University Library

## SCHOOL OF HUMAN SCIENCES

<b>Name of the Dean</b>	: Prof. Sameera Maiti, Professor in Anthropology ( <i>till 29-03.2016</i> )
<b>Telephone</b>	: 03592-251221
<b>Mobile</b>	: 08337800269
<b>Email</b>	: smaiti@cus.ac.in
<b>Number of Departments under this School</b>	: 3

### 1. Department of Anthropology

<b>Name of the Head</b>	: Dr. K.R.Rama Mohan
<b>Telephone</b>	: 03592-231121
<b>Mobile</b>	: 0960988878
<b>Email</b>	: krrmohan@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate-20; MPhil – 6; PhD – 2

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Prof.Sameera Maiti	Professor	30-06-2014-29-03-2016			
Dr. K.R. Rama Mohan	Associate Professor	05-05-2014	2 MPhil; 2 PhD	1	nil
Dr. Maibam Samson Singh	Assistant Professor	24-04-2014	1 MPhil	1	nil
Dr.Charisma K. Lepcha	Assistant Professor	28-04-2014	2 MPhil	2	1

#### Guest Faculty:

James Vungjangam Haokip

Tanusree Shaw

#### Publications during 2015-16:

1. Rama Mohan, K.R. (2015). Exclusion and marginality among Scheduled Tribes of North Coastal Andhra Pradesh. *South Asian Anthropologist* 15(2): 129-133.
2. Singh, M.S. (2015). Prevalence of obesity in relation to television viewing and physical activity among Meitei adolescents of

Manipur. *Human Biology Review* 4 (4): 367-377.

3. Lepcha, C.K. and Torri, D. (2016). Fieldwork in Dzongu: In Siiger's footsteps and beyond. In: *Footsteps of Halfdan Siiger –Danish Research in Central Asia*. (Eds: Johnsen, U.J., A.W. Geertz, S. Castenfeldt and P.B. Anderson). Moesgaard Museum, Aarhus, pp. 147-162. ISBN: 978-87-93251-06-9.
4. Lepcha, C.K. (2015). Ecotourism and Lepcha women of Dzongu. In: *Women in Mountains: Continuity and Change* (Eds: Paliwal, Deepak P and R.C. Paliwal). Anamika

Publishers, New Delhi, pp. 105-108. ISBN: 9788179756454.

5. Shaw, T., Das, A. and Dey, S. (2016). Role of gender in decision-making: A study of women attached in handloom weaving. *International Journal of Gender Studies in Developing Societies* 1(3): 278-298.

**Seminars/Conferences/Workshops/Training(MPh il, PhD students and Faculty wise paper presented details).**

- Rama Mohan, K.R. presented a paper on “Muslims in Sikkim: A situational analysis” at the National Conference on *Religious Minorities: Strategies for Empowerment*, organized by the Centre for Study of Social Exclusion and Inclusive

Policy, Andhra University, Visakhapatnam, 10-11 March, 2016.

- Singh, M.S. presented a paper on “Prevalence of obesity in relation to television viewing and physical activity among Meitei adolescents of Manipur” at the 45<sup>th</sup> Annual Conference of the Indian Anthropological Society, Kolkata, 23-25 May, 2015.
- Lepcha, C.K. presented a paper on “Transmission of the Teesta Tale in Twenty-first Century” at the Oral and Textual Traditions of North East India, organized by Arunachal Institute of Tribal Studies, Rajiv Gandhi University, Itanagar, 28-30 March, 2016.

**Invited lectures delivered (Faculty wise lecture delivered details).**

**K.R.Rama Mohan**

Purpose of visits	Institute, Place and Country	Date
<b>As Resource Person</b>		
• Social Science Research Methodology Refresher Course	Organized by Academic Staff College, North Bengal University, Siliguri	27 July, 2015
• Symposium cum Workshop on “Globalization and Global Studies: Inter-disciplinary Perspective”	Centre for Himalayan Studies, University of North Bengal, Siliguri	26-27 November, 2015
• E-PG Patsala, Anthropology Modules.	Department of Anthropology University of Delhi, New Delhi	15-19 February, 2016
• Training Programme for Tribal Teachers “Enhancing Understanding of Indigenous Traditions”	Ministry of Culture, Government of India, Gangtok	27 February, 2016

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

- Maibam Samson Singh attended the UGC-sponsored Orientation Course sponsored at HRDC, Jawaharlal Nehru University, New Delhi, 5-30 October, 2015.

**Projects (Details of faculty wise projects undertaken during the year):**

(Title of projects, name of funding agency, duration, total budget sanctioned; number of JRF/SRF/RA, if any):

Sl. No.	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
1	Dr. Charisma. K. Lepcha: "Role of Family Environment on Loneliness and Depression among Adolescents in the state of Sikkim"	University Research Award, Sikkim University	One year	50,000	nil
2	James Haokip: 'Manpower Drain from the Hills in Manipur to Cities in the Mainland & Recommend Measures to Overcome them'	Tribal Research Institute (TRI), Govt. of Manipur	One year	1,50,000	nil

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16:**

- Weekly Ethnographic Films screening organized by the Department of Anthropology
- The Department of Anthropology in collaboration with the Anthropological Survey of India, Kolkata organized a six-day photo exhibition on "Peoples of India" during 22-26 April, 2015 at the Department of Anthropology.
- International Conference on 'Cultural Heritage of Sikkim', organized by the Department of Anthropology, Sikkim University and IGRMS, Bhopal, during 25-27 April, 2015.
- Guest Lecture by Prof. Brian E. Hemphill, Department of Anthropology, University of Alaska, Fairbanks, AK, U.S.A. on "A Dental Anthropology Perspective on Community Origins in South Asia", 20 May, 2015.
- Guest Lecture by Aadil Brar, Department of Anthropology, The University of British Columbia on "Thangka Research and Visualizing Cultural Reproduction in Sikkim", 28 May, 2015.
- Guest Lecture by Dr. Jesuratnam Deverapalli, Department of Anthropology, Pondicherry University, Pondicherry on "Sustaining Biodiversity: The Role of Anthropology", 18 May 2015.
- Workshop on 'Visual Anthropology and Ethnographic Films: Theory and Practice' by Department of Anthropology, Sikkim University in collaboration with Prof. Fabienne Le Hou rou, affiliated with Aix-Marseille-Universit  and French National Center for Scientific Research of France, 13-17 July, 2015.
- Guest Lecture by Prof. A.C. Sinha on "The Himalayan Kingdoms of Sikkim with reference to Darjeeling", 18 July, 2015.
- Field work conducted during 15 December 2015 to 5 January, 2016 at Annavaram village near Visakhapatnam district of Andhra Pradesh.

**Details of purchase and installation of lab-equipment during the year 2015-16 only with name of the equipment, name of company/brand, and photographs, if any:**

Name of instruments	Company	Name of instruments	Company
Anthropometer (Aluminium)	(Aluminium) GPM swiss type	Centrifuge machine	SPINWIN MC-00 6 (Tarsons)
Weighing machine (manual)	100-150 kg capacity	Centrifuge machine	Model-R-8C (REMI)
Sliding caliper (of Martin)	Martin type (range:0-200mm)	Rotor (for 15 ml centrifuge tube)	REMI
Sliding calliper (of Vernier) digital	Vernier type (range: 0-250 mm)	Centrifuge machine	Model-RM-12C (REMI)
Spreading caliper (of Martin)	Martin type (range: 0-300 mm)	Rotor (for 1.5 ml centrifuge tube)	REMI
Skin fold caliper (of Harpenden)	Holtain type galaxy make	Rotor (for 2 ml centrifuge tube)	REMI
Goniometer (attachable)	Galaxy	Water bath	Optics Technology
Stationary Goniometer	Galaxy	Vortex mixture	Tarson
Tubular Craniophore	Galaxy	Magnetic stirrer with hot plate	Tarson
Cubic Craniophore	Galaxy	Autoclave (Vertical ) Double Wall	Adarsh
Diagraph	Galaxy	Submarine Gel Electrophoresis	Tarson
Horizontal Needle	Galaxy	Power Supply Unit	Tarson
Mandibulometer	Galaxy	UV light source	Tarson
Palatometer	Microwave		
Osteometric board (of Martin)	Martin Type	Refrigerator: -20°C with stabilizer	REMI
Diaptograph (of Martin)	Martin type	Analytical balance	Keroy
Articulated skeleton	Imported	Utility tray (360×310×130)	Tarson
Sahlis's Haemometer	Marifield Laboratory glassware	Hand gloves (medium)	Tarson
Mercury Sphygmomanometer (diamond)	Diamond type	Blood Lancets	Starlet (Mehar Healthcare corp.)
Stethoscope (diamond)	Diamond type		
Mercury clinical thermometer	Hanimax	Beakers (plastic):500ml	Tarson
Magnifying class (small)	Galaxy	Wide mouth wash bottle 250ml	Tarson
15 ml centrifuge tube	Tarson	Wide mouth wash bottle 500ml	Tarson



**Outstanding achievements of your Department (teachers and students) during 2015-16: Nil**

Four students have qualified UGC-NET examination in Anthropology:

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

1. Rongynoo Lepcha
2. Khushi Pradhan
3. Mong Fing Lepcha
4. Sagar Chettri

**2. Department of Geography**

<b>Name of the In-Charge</b>	: Dr. Uttam Lal
<b>Telephone</b>	: 03592-280302
<b>Mobile</b>	: 09475713020
<b>Email</b>	: ulal@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate - 26; MPhil - 6; PhD - 3.

**Faculty profile**

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Sohel Firdos	Associate Professor	27-02-2012	1 Mphil	nil	nil
Dr. Rafiul Ahmed	Assistant Professor	27-02-2012	1 MPhil	1	nil
Dr. Uttam Lal	Assistant Professor	27-02-2012	1 MPhil; 1 PhD	1	nil
Dr. Vimal Khawas	Assistant Professor	29-05-2013	1 MPhil; 1 PhD	2	nil
Dr. Elangbam Ishwarjit Singh	Assistant Professor	01-03-2012	1 MPhil	1	nil
Dr. Abdul Hannan	Assistant Professor	18-06-2013	1 MPhil; 1 PhD	nil	nil

**Publications during 2015-16:**

1. Ahmed, R. (2015). Making of India's North-East: emergence of the official geo-body, power and axiomatic practices of territories. *Geopolitica* 4(2): 133-158.
2. Khawas, V. and Rai, P. (2015). Earthquake disaster and vernacular construction: experiences from the Sikkim Himalayan earthquake, 2011. *Journal of Development Management and Communication* 2(2):176-182.
3. Khawas, V. (2015). Pathways for climate resilient livelihoods: the case of a large cardamom farming in the Dzongu Valley of the Tista river basin, Sikkim Himalaya. In: *Climate Change in the Asia-Pacific Region* (Ed: Filho, Walter Leal). Springer, Switzerland, pp. 319-334. ISSN No: 1610-2010 (Print), 1610-2002 (electronic).
4. Lal, U. (2015). Reviving old routes: Sino-Indian border trade via Himachal Pradesh. In: *India, China and Sub-regional Connectivities*

in *South Asia* (Eds: Chandran, S. & Singh, B.). Sage Publication, pp. 71-90. ISBN: 978-93-515-0327-9 (HB).

5. Singh, IE et al. (2015). An Assessment of the impact of flood hazard and its mitigation strategies on the World's largest riverine Island, Majuli, Assam. In: *Resource Management and Development Strategies: A Geographical Perspective*, (Eds: Siddique, A.R. and Singh, PP.). Pravalika Publication, Allahabad, pp.277-290. ISBN: 978-93-84292-21-8.

### Publications by Students

1. Chhetri, B. (2015). Youth and their changing interest in the field of agriculture. *International Journal of Agricultural Economics and Management* 5(1): 9-16. ISSN 2277-3215.
2. Chhetri, B. (2015). Dams and development in Sikkim: the hidden reality. In: *Development, Ecology and Climate Change: Issues and Challenges*, (Ed: Mohinder Slaria). Create Independent Publishing Platform, Scholar Publication, New Delhi. pp. 132-142. ISBN: 9781517103606.
3. Chhetri, B. (2015). Livelihood changes and challenges among the tea workers of Duars (West Bengal). In: *Changing Scenario of Society and Culture in Context of Globalisation*, (Eds: S.K. Kamruzzaman, M. Majumder and N. Kasemi). NSPS, Birpara College, Birpara. pp 231-237. ISBN: 978-93-84671-04-4.
4. Dutraj, S. (2016). Tribal issues and challenges in the closed tea garden of Dooars: A Case study of Dheklapara tea garden. *Journal of Global Resources* 2: 200-204. ISSN: 2455-2445.
5. Dutraj, S. (2015). An analysis of tourism change and global response to Darjeeling tourism: an outcome of political agitation for separate state. In: *Changing Scenario of Society and Culture in Context of Globalisation*, (Eds: S.K. Kamruzzaman, M.

Majumder and N. Kasemi). NSPS, Birpara College, Birpara, pp 225-230. ISBN: 978-93-84671-04-4.

6. Singh, A. and Ranjan, R. (2016). Traditional methods for managing disasters: a case study in Sikkim. In: *South Asia: Intra-Regional Conflict and Co-operation*, (Eds: Vinod Bhardwaj and Nand Kumar N. Sawant). G.B. Books Publication, New Delhi, pp. 274-289. ISBN: 9-78-93-83930-4-32.
7. Singh, A. (2016). Growing cities and increasing disaster: a case study of 18<sup>th</sup> September, 2011 Earthquake. In: *Issues in Development, Environment and Bio-diversity Conservation* Vol. 5 (Ed: Mohinder Slaria). Scholar Publication, New Delhi, pp 35-53. ISBN-13: 978-1522887799.
8. Timsina, K. (2016). Spatial planning of water resource development in Bhutan. In: *South Asia: Intra-Regional Conflict and Co-operation* (Eds: Vinod Bhardwaj and Nand Kumar N. Sawant). G.B. Books Publication, New Delhi, pp 254-273. ISBN: 9-78-93-83930-4-32.

### Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):

- Ahmed, Rafiul presented a paper on “The rhetoric of border, control of public discourses, and militarization of mobility in the Indo-Bangladesh Borderlands” at the *Annual Meeting of the Association of American Geographers*, Chicago, USA, 21-25 April, 2015.
- Firdos, Sohel presented a paper on “Constructing indigenous knowledge as rural development tool: problems and challenges in Sikkim” at the National Seminar on *Indigenous Knowledge System for Sustainable Rural Development* at NIRD & PR-NERC, Guwahati, 18-19 January, 2016.
- Firdos, Sohel presented a paper on “Climate induced migration and urban vulnerability in

Eastern Himalayas” at the *International Conference on Sustainable Development*, University of Liberal Arts, Dhaka, Bangladesh, 4-5 February, 2016.

- Hannan, Abdul presented a paper on “Plantation economy and regional development: a shifting paradigm” at the National Conference on *Rethinking Development: Challenges in North-East India*, jointly organized by the OKD Institute of Social Change and Development, Guwahati and North-East India Studies Programme of Jawaharlal Nehru University, Guwahati, 30-31 July, 2015.
- Hannan, Abdul presented a paper on “The nature of employment and the question of fair price of small tea growers (STGs) gardens in India” at the *International Conference on Decent Work and Sustainable Development along Rural-Urban Gradients*, jointly organized by TISS, Guwahati and ICDD of Germany, Guwahati, 19-20 February, 2016.
- Khawas, Vimal presented a paper on “Hydropower development in the context of environmental insecurities in the Upper Tista basin, Darjeeling-Sikkim Himalaya” at the International Conference on *Global Environmental Change in the Himalayas*, organized by University of Heidelberg, India Habitat Centre, New Delhi, 6-8 November, 2015
- Lal, Uttam presented a paper on “Geography of Buddhism in the Himalayas” at International Seminar on *Trans Himalayan Buddhism: Exploring the Cultural Space*, MAKAIAS, Kolkata, 10-11 March, 2016.

#### Papers presented by Students

- Chhetri, Bipul presented a paper on “Livelihood changes and challenges among the tea workers of Duars (West Bengal)” at the National Seminar on *Changing Scenario of Society and Culture in Context of*

*Globalisation*, organized by Department of Sociology, Birpara College, Birpara, 26-28 August, 2015.

- Rai, Pribat presented a paper on “Climate induced disaster and traditional risk reduction measures in the Upper Tista catchment-case from Sikkim Himalaya” at the Second National Seminar on *Climate Change and Socio-Ecological Transformation with Spatial Reference to North-East India*, North-East India Geographical Society, Aizwal, 5-6 November, 2015.
- Sherpa, Dawa presented a paper on “Influence of changing human societies and the climate change: a ground reflection from Sikkim” at the Second National Seminar on *Climate Change and Socio-Ecological Transformation with Spatial Reference to North-East India*, North-East India Geographical Society, Aizwal, 5-6 November, 2015.
- Singh, Amrita presented a paper on “Traditional methods for managing disasters: a case study in Sikkim” at the International Conference on *Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC*, organized by Parvatibai Chowgule College of Arts & Science (Autonomous), Margao, Goa, 21-23 January, 2016.
- Timsina, Kausila presented a paper on “Spatial planning of water resource development in Bhutan” at the International Conference on *Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC*, Goa, 21-23 January, 2016.

#### Participation in workshops/Conference without presenting a paper:

- Firdos, Sohel attended one day workshop on “Knowing IQAC” organized by Internal Quality Assurance Cell, Sikkim University, Gangtok, 28 August, 2015.

- Hannan, Abdul attended one day workshop on “Knowing IQAC” organized by Internal Quality Assurance Cell, Sikkim University, Gangtok, 28 August, 2015.
- Hannan, Abdul represented the Equal Opportunity Cell (EOC) of Sikkim University at *One Week Orientation cum Workshop on Management of Diversity and Equity in Universities and Colleges* organized by Department of Educational Administration NUEPA, New Delhi, 7-11 March, 2016.
- Khawas, Vimal participated in the International Conference on *Climate Change Adaptation Policy and Science (CCAP)*, organized by ICIMOD, Nepal in association with TERI, New Delhi, 24-25 February, 2016.
- Rai, Priyat participated in 1 month online course on *Geospatial Technologies for Urban Planning*, organized by the Indian Institute of Remote Sensing, Dehra Dun, 11 February to 16 March, 2016.
- Rai, Priyat participated as a member of organizing committee in the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, Sikkim University, Gangtok, 25-26 April, 2015,
- Rai, Priyat participated in the Summer School on *Environmental Justice and Water Governance in the Eastern Himalaya*, organized by the Department of Geography, Sikkim University in collaboration with Wageningen University of Netherland, Gangtok, 27 July -1 August, 2015.

**Students' Participation in seminars/workshops without presenting a paper:**

- Chhetri, Bipul participated in a workshop on *Environmental Justice and Water Governance in the eastern Himalaya* organized by Department of Geography, Sikkim University, Gangtok, 27-31 July, 2015.
- Dutraj, Shakti participated in a workshop on Research Methodology organized by ISID, New Delhi, 22-27 February, 2016.
- Islam, Rakibul participated in a Capacity Building Workshop on Ecological Economics organized by Indian Society for Ecological Economics and Rajiv Gandhi University, Itanagar, 12-15 December, 2015.
- Rai, Basanti participated at the Workshop on *Environmental Justice and Water Governance in the Eastern Himalaya*, organized by Department of Geography, Sikkim University, Gangtok, 27-31 July, 2015.
- Rai, Navin participated at the Workshop on *Climate Change Adaptation Policy and Science*, organized by AWARE, New Delhi, 23 February- 5 March, 2016.
- Sarkar, Rashmita participated in a workshop on *Climate Change Adaptation policy and Science*, organized by AWARE, New Delhi, 23 February-5 March, 2016.
- Sherpa, Dawa participated in a Capacity Building Workshop on *Ecological Economics* organised by Indian Society for Ecological Economics and Rajiv Gandhi University, Itanagar, 12-15 December, 2015.
- Sherpa, Dawa participated at the workshop on *Research Methodology*, organized by ISID, New Delhi, 22-27 February, 2016.
- Singh, Amrita participated in the Summer School on *Environmental Justice and Water Governance in the Eastern Himalaya*, organized by the Department of Geography, Sikkim University in collaboration with Wageningen University of Netherland, Gangtok, 27 July-1 August, 2015.
- Singha, Ajit Kumar participated in a workshop on *Methodology of Fluvial Research and Software Standing*, organized by Department of Geography, University of GourBanga, Malda, 6-8 October, 2015.

- Timsina, Kausila attended a workshop on *Methodology of Fluvial Research and Software Standing* organized by Department of Geography, University of Gour Banga, Malda, 6-8 October, 2015.
- Timsina, Kausila participated in the Summer School on *Environmental Justice and Water Governance in the Eastern Himalaya*, organized by the Department of Geography, Sikkim University in collaboration with Wageningen University of Netherland, Gangtok, 27 July-1 August, 2015.

#### **Invited lectures delivered (Faculty wise lecture delivered details).**

- Soheli Firdos delivered a special lecture titled "Geographical Perspectives on Climate Change" at National Seminar on *Contextualising Issues in Applied Geography*, Department of Geography & Environment Management, Vidyasagar University, West Bengal, 4-5 March, 2016.
- Soheli Firdos delivered a talk on "Reporting to NAAC: Issues and Challenges" at Rhenock College, Rhenock, 14 October, 2015.
- Uttam Lal delivered a Session Lecture and co-chaired "Changing Scenario of society in the context of Globalisation" at Birpara College, Alipurduar, West Bengal, 27-28 August, 2015.
- Uttam Lal delivered a talk at Training Programme for the Tribal Teachers Center for Cultural Resources and Training (CCRT), Ministry of Culture, Gangtok, 2 March, 2016.

#### **Projects (Details of faculty wise projects undertaken during 2015-16: Nil**

#### **Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

Three students qualified UGC-NET:

1. Malancha Sarkar
2. Dawood Hussain
3. Devpriya Sarkar

#### **Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organised by the Department during the year 2015-16:**

- Training programme: The Department of Geography participated in an online Short training course on *Geospatial Technologies for Urban Planning* under the aegis of IIRS Outreach Programme from February 11 to March 15, 2016. The coordinator was Dr. E. I. Singh.
- Summer School: Dr. Vimal Khawas coordinated Summer School on Environmental Justice and Water Governance in the Eastern Himalaya, in collaboration with Wageningen University, The Netherlands, 27 July-1 August, 2015.
- National Seminar: Dr. Abdul Hannan organised a National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India* held on April 25-26, 2015, sponsored by ICSSR.
- Field Work:
  - Dr. Abdul Hannan took 1<sup>st</sup> Semester MA/MSc students for Field Survey to study *Informal Trade, Commodity Flows and Livelihoods in Indo-Nepal Border: A case of Dhulabari, Bagdogra and Siliguri Corridor*, 20-31 January, 2016.
  - Dr. Uttam Lal took 3<sup>rd</sup> Semester MA/MSc students to study the *Cross Border Interactions: A case study of Indo-Bangladesh Corridor in Ranikor Block of Meghalaya* on 11-12 December, 2015.
  - Dr. Vimal Khawas coordinated the field work of MA/MSc 2<sup>nd</sup> Semester students on *Socio-Economic Survey of Najeok Forest Village: Issues in Development and Planning* conducted at Najeok Forest Village, Kalimpong, 7-8 April, 2016.



Geography Masters Students at the Balat Border Haat  
(Meghalaya-Bangladesh Border)



Geography Master's students at the Indo-Bangla border  
(Zeroline) in Meghalaya.

### 3. Psychology

<b>Name of the Head</b>	: Dr. Nutankumar S. Thingujam
<b>Telephone</b>	: 03592-280774
<b>Mobile</b>	: 08145145250
<b>Email</b>	: nstthingujam@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Under-graduate – 16; Post-graduate – 3; MPhil – 3; PhD – 2.

#### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Numbe of Publications	Extra-mural Research Project
Dr. Nutankumar S. Thingujam	Associate Professor	21-03-2012	1 MPhil; 1 PhD	3	1
Dr. Satyananda Panda	Assistant Professor	27-02-2012	1 MPhil; 1 Ph.D	8	nil
Dr. Saurabh Maheshwari	Assistant Professor	23-05-2014	1 MPhil	1	1
Ms. Namrata	Assistant Professor	26-11-2015	nil	1	nil

#### Publications during 2015-16:

- Dixit, A.L. and **Thingujam, N.S.** (2015). Test anxiety of twelfth standard students: Is it related to study habits, self esteem, and trait anxiety? *Indian Journal of Health & Wellbeing* 6: 1174-1176. ISSN: 2229-5356.
- Thingujam, N.S. (2015). Orientations to happiness and Big Five personality factor among business students. *Indian Journal of*
- Yadav, K.V. and **Thingujam, N.S.** (2015). Hope's relation with self esteem, optimism, and life satisfaction in engineering students. *Indian Journal of Positive Psychology* 6:283-287. ISSN: 2229-4937.
- Panda, S. and Chettri, T. (2015). A comparative study of anxiety level of working

*Positive Psychology* 6:309-310. ISSN: 2229-4937.

- and non-working mothers. *Indian Journal of Health and Well-being* 6(12):1199-1202. ISSN: 2229-5356.
5. Panda, S. (2015). Cognitive-behavioral coping-skill approaches in recovery and relapse prevention for alcohol and substance use disorders. *Asian Academic Research Journal of Social Science and Humanities* 1(34): 205-218. ISSN: 2278-859X Online (Impact Factor: 1.023).
  6. Panda, S. (2015). Psychological correlates of substance abuse among first-admission patients with substance use disorders. *International Journal of Indian Psychology* 3(1): 66-73. ISSN 2348-5396.
  7. Prusty, A. and **Panda, S.** (2015). Job stress and personality traits: A comparative study among private and government nurses in Odisha. *IAHRW International Journal of Social Sciences Review* 3(4): 517-520. ISSN 2229-5356.
  8. **Panda, S.**, Mandal, M. and Barman, R. (2015). Predictors of perceived stress among university students. *International Journal of Education & Management Studies* 5(4): 324-328.
  9. Panda, S. (2016). Family environment and mental health of undergraduate university students. *IAHRW International Journal of Social Sciences Review* 4(1): 16-21. ISSN 2229-5356.
  10. Panda, S. (2016). Primary nocturnal enuresis in children: Issues, symptoms and management. *International Journal of Multidisciplinary Research Review* 1(3): 252-256. ISSN: 2395-1885.
  11. Panda, S. (2016). Occupational stress among teachers: Understanding its causes, effects and some coping strategies. *Pedagogy of Learning: An International Journal of Education* 2(2): 29-37. ISSN: 2320-9526.
  12. **Maheshwari, S.** and Singh, P. (2015). Capital, psychological resources and high achievement: A biographical analysis of the accomplishment of high achievers. *Psychological Studies* 60: 412-421. (Springer/ISSN 0033-2968).
  13. Namrata (with NCSL Team) (2015). *School Leadership Development: National Programme Design and Curriculum Framework*. National Centre for School Leadership, National University of Educational Planning and Administration. Digital Expressions, New Delhi, pages 1-28.
- Seminars/Conferences/Workshops/Training:**
- Boros, S., Eisenkraft, N., Laukka, P., **Thingujam, N.S.** and Elfenbein, H.A. presented a paper on “Towards the validity of emotional intelligence: Testing the positive manifold with emotion recognition” at Bi-Annual Conference of the International Society for Research on Emotion, Geneva, Switzerland, 8-10 July, 2015.
  - Thingujam, N.S. presented a paper on “Social adjustment's relationship with empathy, and alexithymia among university students” at the 4<sup>th</sup> International Conference on Psychology and Allied Sciences, Margao, Goa, 16-18 January, 2016.
  - Chettri, A. and **Thingujam, N.S.** presented a paper on “Is adolescent narcissistic personality influenced by social status and cultural beliefs?” at 42<sup>nd</sup> Annual Conference of Indian Association of Clinical Psychologist held at Regional Institute of Medical Sciences (RIMS), Imphal, Manipur, 24-27 February, 2016.
  - Moirangthem, S.D. and **Thingujam, N.S.** presented a paper on “Subjective happiness and quality of relationship in college students” at 42<sup>nd</sup> Annual Conference of Indian Association of Clinical Psychologist held at the Regional Institute of Medical Sciences (RIMS), Imphal, Manipur, 24-27 February, 2016.

**Training attended by PhD student:**

1. Moirangthem Sandhya Devi participated in Indian Council of Social Science Research (ICSSR)-sponsored Ten-Day Research Methodology Course in Social Sciences for Research Scholars organized by Department of Economics, Manipur University, Imphal, 1-11 December, 2015.
2. Moirangthem Sandhya Devi participated in half-day Pre-Conference Workshop on Psychological Intervention after Disaster: Issues and Techniques held at Regional Institute of Medical Sciences (RIMS), Imphal, Manipur, 24 February, 2016.
3. Moirangthem Sandhya Devi participated in half-day Pre-Conference Workshop on Use of Projective Tests in Children: Hands on Training held at Regional Institute of Medical Sciences (RIMS), Imphal, 24 February, 2016.
4. Moirangthem Sandhya Devi participated in Indian Council of Social Science Research (ICSSR)-sponsored Ten Days Research Methodology Programme for PhD students in Social Sciences organized by Department of Humanities and Social Sciences, Indian Institute of Technology (IIT), Guwahati, 14-23 March, 2016.
5. Alisha Chettri participated in a workshop on Psychosocial Inquiry into Suicide: Suggestions and Intervention organised by Sociology Department, Sikkim University, Gangtok, 28-29 May, 2015.

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):****Satyananda Panda**

- Presented a paper on “Understanding psychosocial causes of suicide in Sikkim and suggesting possible preventive measures” at the ICSSR-sponsored National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, organized by Sikkim University, Gangtok,

25-26 April, 2015.

- Presented a paper on “Motivation for adoption of e-governance in higher education in India” at the ICSSR-sponsored National Seminar on *e-Governance In Higher Education: Challenges and Prospects with Special Reference to North-East Region*, organized by Department of Education, Sikkim University, Gangtok, 20-21 February, 2016.
- Presented a paper on “Understanding the influence of Indian culture on mental health” at the International Conference on *Cultural Heritage of Sikkim*, organized by Department of Anthropology, Sikkim University in collaboration with IGRMS of Bhopal, Gangtok, 25-27 April, 2015.
- Presented a paper on “ADHD in children: Issues, symptoms and psychosocial interventions” at the 4th International Conference on Psychology and Allied Sciences (4<sup>th</sup>ICPAS, 2016), Goa (India), organized by Indian Association of Health, Research and Welfare under the aegis of ICSSR, ICMR & RCI, New Delhi, 16-18 January, 2016.

**Saurabh Maheshwari**

- Maheshwari, S. and Roy, S. presented a paper on “Does number of help seekers matter? Getting help when help seeker is alone or accompanied” at the *11<sup>th</sup> Biennial Conference of Asian Association of Social Psychology*, Cebu City, Philippines, 19-22 August, 2015.
- Maheshwari, S. and Liu, J. presented a paper on “Online engagement and socio-political participation: A case of Indian youth” at the *11th Biennial Conference of Asian Association of Social Psychology*, Cebu City, Philippines, 19-22 August, 2015.
- Maheshwari, S., Tripathi, R. C., Pande N. and Singh P. presented a paper on “Cognitive and behavioural responses to violations: Role of context, retributive/non-retributive responses

of the victims and relationship of the victim and offender” at the *XXV Convention of National Academy of Psychology India*, Allahabad, 2-5 February, 2016.

- Maheshwari, S. and Mukherjee, T. presented a paper on “Relationship between belief in just world and satisfaction with life: the moderating role of self-esteem” at the *Centenary Conference of Psychology*, Kolkata, 9-11 October, 2015.

#### Student presentations

- Roy, S. and Maheshwari, S. presented a paper on “Does self-conscious emotion influence donation? Experimental investigations to find the effect of pride and guilt on donation” at the *XXV Convention of National Academy of Psychology India*, Allahabad, 2-5 February, 2016.
- Sarmah Pallavi, Tuladhar, V. and Maheshwari, S. presented a paper on “Deceptive handwritings: Do we fall victim to them?” at the *XXV Convention of National Academy of Psychology India*. Allahabad, 2-5 February, 2016.

- Sarmah Palakshi and Maheshwari, S. presented a paper on “What Indian politicians are politicizing on Twitter? A quantitative investigation” at the *XXV Convention of National Academy of Psychology India*, Allahabad, 2-5 February, 2016.
- Roy, S. and Maheshwari, S. presented a paper on “Do our romantic partners make us prosocial? When donation serves a purpose of creating the right impression” at the *Centenary Conference of Psychology*, Kolkata, 9-11 October, 2015.
- Sarmah Pallavi, Tuladhar V., Rai K., Thargay T., Sarmah Palakshi and Maheshwari S. presented a paper on “How our eyes swing to our moods? An eye tracking investigation to see the role of mood on eye movement” at the *Centenary Conference of Psychology*, Kolkata, 9-11 October, 2015.

**Invited lectures delivered (Faculty wise lecture delivered details).?:** Nil

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

#### Projects (Details of faculty wise projects undertaken during the year):

Name	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
Thingujam, N.S.	Emotion Regulation in North East Indian Young Adults	ICSSR, New Delhi	2 years (2016-2017)	20,000/= Twenty lakhs	One JRF
Maheshwari, S.	What our eyes reveal about our thinking patterns? An eye tracking investigation	Department of Science and Technology, New Delhi	2 years (2015-2017)	10,36,800	One JRF

#### Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organised by the Department during the year 2015-16:

Prof. Damodar Suar (Department of Humanities and Social Sciences, IIT Kharagpur) conducted half-day workshop on Research Method on 22 May, 2015.

#### Outstanding achievements of your Department (teachers and students) during 2015-16:

- PhD Thesis of Dr. Saurabh Maheshwari was considered among the five best dissertations for the Durganand Sinha Dissertation Award, *XXV Convention of National Academy of Psychology India*. Allahabad, 2-5 February, 2016.
- Ms. Pallavi Sarmah (BSc V semester student) received the best paper award in *Centenary*

*Conference of Psychology*, Calcutta University, Kolkata, for her paper presentation-**Sarmah Pallavi**, Tuladhar V., Rai K., Thargay T., Sarmah Palakshi, & Maheshwari S. (2015). How our eyes swing to our moods? An eye tracking investigation to see the role of mood on eye movement. *Centenary Conference of Psychology*,

Kolkata, 9-11 October, 2015.

**Number of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:** Two

1. Ms. Shinchel Lingzerpa, PhD student, cleared UGC-NET (Lectureship) in 2015.
2. Ms Moirangthem Sandhyarani Devi cleared UGC NET (Lectureship) in 2015.

## SCHOOL OF PROFESSIONAL STUDIES

<b>Name of Dean</b>	: Dr. A.N. Shankar, Associate Professor in Commerce ( <i>till 26.11.2015</i> )
<b>Mobile</b>	: 09434510004
<b>Email</b>	: anshankar@cus.ac.in
<b>Name of Dean</b>	: Prof. V. Rama Devi, Professor in Management ( <i>w.e.f. 27.11.2015</i> )
<b>Telephone</b>	: 03592-251968
<b>Mobile</b>	: 09000453743
<b>Email</b>	:
<b>Number of Departments under this School</b>	: 6
	<b>1. Department of Commerce</b>
<b>Name of the Head</b>	: Dr. A.N. Shankar
<b>Telephone</b>	: 03592-2313224
<b>Mobile</b>	: 09434510004
<b>Email</b>	: anshankar@cus.ac.in
<b>Number of students enrolled during 2014-15</b>	: Post-graduate -28; PhD -2.

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Abhijit Dutta	Professor	04-12-2015	nil	2	nil
Dr. A. N. Shankar	Associate Professor	09-03-2012	1 PhD	1	nil
Dr. S.S. Mahapatra	Associate Professor	15-05-2014	1 PhD	nil	nil
Mr. Bivek Tamang	Assistant Professor	30-04-2012	nil	1	nil
Mr Rakesh Basnet	Assistant Professor	05-05-2014	nil		nil
Mr. B. Muthu Pandian	Assistant Professor	15-05-2014	nil	1	nil
Dr. Ravi Shekhar Vishal	Assistant Professor	23-12-2014	nil	1	nil

**Publications during 2015-16:****Research Papers:**

1. Dutta, A. (2016). A Comparative study of efficiency of the market: the pre and post derivative trading period in India. *International Journal of Neo-Classical Research and Development in Management* 2(1&2): 18-34.
2. Tamang, B. and Thendup, S. (2015). 'Demerger' and statehood: similarities between Gorkhaland and Telangana. *Economic & Political Weekly* L38: 71-73.
3. Vishal, R.S. and Muthu Pandian, B. (2015). India's border trade with China: current status and potential of trade route through Nathu La. *Management Insight: The Journal of Incisive Analysers* XI(2): 32-41.

**Books and Book-Chapter:**

4. Swain, R.K. and Dutta, A. (2015). *Strategic Financial Management*. Lambert Publisher, Berlin. ISBN-978-3-659-80362-8.
5. Shankar, A.N. (2016). *Financial Inclusion Parameters for North East India: An Overview*. In: *Emerging Issues in Management* (Eds: Singh, A. and Das, B.K.). Mittal Publications, New Delhi.

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):**

- Tamang, B. presented a paper on "Buddhist spiritual tourism and trade in Sikkim: connecting and realising the opportunities beyond North East" at the International Conference on *India's Northeast and Beyond: Challenges and Opportunities*, organised by the Department of Peace and Conflict Studies and Management, Sikkim University, Gangtok, 25-26 June, 2015.
- Tamang, B. presented a paper on "Banking

inclusion v/s financial inclusion: dispelling the myth" at the Two-day National Seminar on *Emerging Trends in Commerce and Accounting*, organized by Department of Commerce, Sikkim University and the Institute of Chartered Accountants of India (ICAI), Gangtok, 2-3 November, 2015.

- Dinesh Gupta and B. Muthu Pandian presented a paper on "A study on relationship between bank indices and overnight call money market reference rates: evidence from Indian Market" at the Two-Day Joint National Seminar on *Emerging Trends in Commerce and Accounting*, organized by Department of Commerce, Sikkim University and the Institute of Chartered Accountants of India (ICAI), Gangtok, 2-3 November, 2015.
- Ruchita Sharma, B. Muthu Pandian and Ravi Shekhar Vishal presented a paper on "A review of micro finance institutions (MFI) in India" at the Two-Day Joint National Seminar on *Emerging Trends in Commerce and Accounting*, organized by Department of Commerce, Sikkim University and the Institute of Chartered Accountants of India (ICAI), Gangtok, 2-3 November, 2015.
- Ravi Shekhar Vishal and B. Muthu Pandian presented a paper on "CSR Practices in India" at the Two-Day Joint National Seminar on *Corporate Social Responsibility Practices in India*, at Department of Commerce, Mahatama Gandhi Kashi Vidyapith, Varanasi, 19-20 December, 2015.
- Ravi Shekhar Vishal and Krishna Murari presented a paper on "Goods and services tax: step towards indirect tax reforms in India" at the Two-Day Joint National Seminar on *Emerging Trends in Commerce and Accounting*, organized by Department of Commerce, Sikkim University and the Institute of Chartered Accountants of India (ICAI), Gangtok, 2-3 November, 2015.

**Invited lectures delivered (Faculty wise lecture delivered details).**

Purpose of visits	Institute, Place and Country	Date
A.N. Shankar: Invited Resource Person	Special Lectures on a. Carbon Finance and Rural Development. b. Carbon Finance: Implications for Developing Economics. University of North Bengal, Dept. of Commerce	11-12 August, 2015.

**Faculty wise details of Refresher Course/Orientation programme attended.  
Examples**

Name of teachers	Courses	Name of University	Subject	Duration
Ravi Shekhar Vishal	UGC-sponsored Orientation Programme	HRD Centre, Academic Staff College, Banaras Hindu University, Varanasi	Commerce	2-29 January, 2016

**Projects (Details of faculty wise projects undertaken during the year):** Nil

- Organized the Two-Day Joint National Seminar on Accounting and Commerce, 2-3 November 2015.

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16:**

- Organized Special Lectures:

Sl. No.	Dated	Resource Person	Topic
1	16 February, 2016	Sri M. Mishra, General Manager, RBI, Gangtok	Implications of Budget 2016
2	16 February, 2016	Sri S.K. Gupta, Branch Executive, SIDBI, Gangtok	Role of SIDBI in State Development
3	1 March, 2016	Prof. Memcha Loitongbam, Dept. of Management, Manipur Institute of Management Studies, Imphal, Dist. Canchipur, Manipur	Communication Skills
4	29 March, 2016	Sri Tarzan Subba, Jt. Director, FRED and State Cooperative	Govt. Accounting and Budgeting.
5	30 March, 2016	Video Screening, Nike and International Labour Laws.	

**Number and names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:** Nil

## 2. Department of Education

<b>Name of the Head</b>	: Dr.T.J.M.S. Raju
<b>Telephone</b>	: 03592-280239
<b>Mobile</b>	: 09440115419
<b>Email</b>	: tjmsraju@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate - 19; MPhil – 6; PhD – 2.

### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr.T.J.M.S. Raju	Associate Professor	27-11-2015	nil	3	nil
Dr. Anju Verma	Assistant Professor	28-04-2014	1 PhD	3	nil
Dr. Subhash Misra	Assistant Professor	28-04-2014	1 PhD	4	nil
Dr. Vimal Kishor	Assistant Professor	30-04-2014	nil	4	nil

#### Guest Faculty:

- Dr. Dhanabati Devi Ningombam
- Dr. Dona Rai

#### Publications during 2015-16:

##### Research Papers:

- Raju, T.J.M.S. (2016). Scientific attitude of secondary students. *International Research Specialist* 3(9): 54-59. ISSN: 2350-1499.
- Raju, T.J.M.S. (2016). Adjustment in relation with academic achievement. *Education Today* 7(1):85-89. ISSN: 2229-5755.
- Verma, A.(2015). Role of information and communication technology in teacher education enhanced collaboration for promoting quality of education. *International Multilingual Research Journal* 3(10): 77-82. ISSN: 2319-9318.
- Verma, A.(2015). Use of information and communication technologies (ICT) to enhance teaching and learning process. *Research Journal of Arts, Management and Social Sciences* XIII, (I): 134-141. ISSN: 0975-4083.
- Verma, A. (2016). Role of teachers in education for sustainable development. *International Journal of Multidisciplinary Research Review* 1(3): 166-171. ISSN: 2395-1877; ISSN (Online): 2395-1885.
- Misra, S. (2016). Constructivist approach: paradigm shift towards learners' inclusion in learning. *VIDHAN: A Multidisciplinary Research Journal* 1: 82-86. ISSN: 2230-9896.
- Misra, S. (2016). Impact of liberalization, privatization and globalization on the quality of higher education: an Indian perspective. *Annals of Multi-Disciplinary Research* VI(1): 107-111.
- Misra, S. (2016). Life skill education: issues and challenges. *Shodh Prerak* VI (1): 42-47. ISSN 2231-413X,
- Misra, S. (2015). Education in Sikkim: a critical reflection. *JIGYASA* VIII(4): 206-212. ISSN: 0974-7648

10. Kishor, V. (2015). School satisfaction among students. *International Journal of Advances in Social Sciences* 3(2): 76-79.
11. Kishor, V. (2015). Development of emotional maturity among students. *International Journal of Reviews and Research in Social Sciences* 3(3): 106-110.
12. Kishor, V. (2016). Adjustment and socio-economic status among high school students. *EDUSPECTRA-AIE Interdisciplinary Journal of Research and Education* 2: 12-18.
13. Ningombam, D.D. (2015). Personality correlates of perceived teacher academic support in X<sup>th</sup> standard students in Manipur. *International Journal of Education and Management Studies* 5: 262-263. ISSN: 2231-5632.

#### **Books and Book-Chapters:**

14. Raju, T.J.M.S. (2016). *Infra-Structure and Academic Achievement of Secondary Students*. Sarup Book Publishers Pvt. Ltd, New Delhi, 100 pages. ISBN: 978-93-5208-036-6.
15. Kishor, V. (2015). Teaching Aptitude among Primary Teacher Trainees. In: *Strengthening and Improving Teachers' Education* (Ed: Panda, Sumant Kumar). Army Institute of Education, Greater Noida, pp. 99-104, ISBN: 978-93-5254-645-9.

#### **Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):**

- T.J.M.S.Raju presented a paper on “Gandhi's concept of peace education and its ethical perspective” at the Two-day National Seminar on *Gandhi, Ethics and Journalism*, organized by the Gandhian Studies Centre, Andhra University, Visakhapatnam, Andhra Pradesh, 21-22, March 2015.
- T.J.M.S.Raju attended the UGC Sponsored National Seminar on Class Rooms of the future-Interplay of Educational Psychology and Technology, organized by Department of

Education, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur District, Andhra Pradesh, 9-10 October, 2015.

- T.J.M.S.Raju attended NCERT-workshop on *Preparing and sharing guidelines for making pre-service teacher training degree programmes inclusive in the light of recent developments*, organised by Department of Education, SCERT, Guwahati, 15-17 March, 2016.
- Verma Anju presented a paper on “Human rights and internal security challenges in India” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, organized by Department of Geography, Sikkim University, Gangtok, Sikkim, 25-26 April, 2015.
- Verma Anju presented a paper on “Globalization and North-East diversifying growth opportunities” at the International Conference on *India's Northeast and Beyond: Challenges and Opportunities*, organized by Department of Peace and Conflict Studies and Management, Sikkim University in joint collaboration with ICSSR and ICWA of New-Delhi, Gangtok, 25-26 June, 2015.
- Verma Anju presented a paper on “Hindi Kahani ka Vartmaan Paridrishya”, at the MHRD-sponsored National Seminar on *Samkaleen Sahithya: Samvedna aur Abhivyakti ka Praroop*, organized by Department of Hindi, Sikkim University, Gangtok, 20-21 March, 2016.
- Misra, Subhash presented a paper on “Identification and intervention strategies for the differently-able learners: a study of autistic children” at the National Seminar on *Cognitive Disability and Effective Learning Tools*, organized by Vinay Bhavana, Department of Education, Visva-Bharti University, Shantiniketan, 17-18 March, 2016.
- Misra, Subhash presented a paper on “e-

- Governance & higher education management: paradigm shift” at the ICSSR sponsored National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North-East Region*” organized by Department of Education, Sikkim University, February 20-21, 2016.
- Misra, Subhash presented a paper on “Gandhi's philosophy and education” at the National Seminar on *Behaviourist Idealism of Mahatma Gandhi*, U.P. Rajarshi Tandon Open University, Allahabad, 30 January, 2016.
  - Misra, Subhash attended Training Programme of N.S.S. Programme Officers, organized by RGNIYD & Ministry of Youth Affairs & Sports, Government of India, New Delhi, 1-5 December, 2015.
  - Misra, Subhash attended a workshop on *Teaching Online Courses with Moodle, MOOC*, organized by National University of Educational Planning and Administration (NUEPA), New Delhi, 26-28 August, 2015.
  - Kishor, Vimal presented a paper on “Role of press and mass media in promoting human rights awareness” at the National Seminar on *Police, Internal Security and Human Rights: Issues and Challenges in North-East India*, organized by Sikkim University, Sikkim and sponsored by the Indian Council of Social Science Research of New Delhi, Gangtok, 25-26 April, 2015.
  - Kishor, Vimal presented a paper on “Conservation, promotion and transmission of cultural heritage: the role of education” at the International Conference on *Cultural Heritage of Sikkim*, organized by Sikkim University, Sikkim and sponsored by the Indira Gandhi Rashtriya Manav Sangrahalya (IGRMS), Bhopal, New Delhi, 25-27 April, 2015.
  - Kishor, Vimal presented a paper on “Development of physical infrastructure in north eastern region: an appraisal” at the International Conference on *India's Northeast and Beyond: Challenges and Opportunities*, organized by Sikkim University, Sikkim and sponsored by the Indian Council of Social Science Research (ICSSR), New Delhi and Indian Council of World Affairs (ICWA), New Delhi, 25-26 June, 2015.
  - Ningombam, D.D. presented a paper on “Academic achievement, academic engagement, and perceived support from friends and parents among 10<sup>th</sup> standard students” at the 4<sup>th</sup> International Conference on *Psychology and Allied Sciences*, Margao, Goa, 16-17 January, 2016.
  - Ningombam, D.D. presented a paper on “Practice of inclusive education in North East: The case of Manipur” at the International Conference on *Inclusive Education*, organized by Department of Education and Extension, Savitribai Phule Pune University, Pune, 22-24 January, 2016.
  - Ningombam, D.D. presented a paper on “Practice of e-Governance in the college: the case of Manipur” at the National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North-East Region*, organized by Department of Education, Sikkim University, Gangtok, 20-21 February, 2016.
  - Dona Rai presented a paper on “Value education in schools: needs and importance” presented at the National Seminar on *Society and Culture in Eastern Himalayas with special reference to Sikkim: Challenges and Prospects*, Namchi Government College, Namchi, South Sikkim, 12-13 October, 2015.
  - Dona Rai presented a paper on “E-Governance for rural development with special reference to the cyber village in south Sikkim” at the National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North-East Region*, Department of Education, Sikkim University, Gangtok, 20-21 February, 2016.

**Invited lectures delivered (Faculty wise lecture delivered details):**

Purpose of visits	Institute, Place and Country	Date
T.J.M.S.Raju was invited as a Resource Person for National Workshop on Skill Development of Secondary School Teachers.	CCRT, Gangtok	26 February, 2016
T.J.M.S.Raju was invited as a Resource Person to National Workshop for Administrators and Principals.	CCRT, Gangtok	4 March, 2016
Subhash Misra was invited as a Resource Person in Workshop on Capacity Building of Elementary School Teachers for conducting Action Research.	State Council of Educational Research and Training (SCERT), Gangtok	29 June to 3 July, 2015
Subhash Misra was invited as a Resource person at a workshop for the development of a training package on NCFTE, 2009 and NCTE Regulation, 2014	North Eastern Regional Institute of Education (NCERT), Shillong	14-18 December, 2015
Subhash Misra was invited as a Resource person in National Seminar on “Cognitive Disability and Effective Learning Tools”	Organized by Vinay Bhavana, Department of Education, Visva-Bharti University, Shantiniketan.	March 17-18, 2016
Subhash Misra was invited for Lecture on “Research Methodology”	Sikkim Government College, Tadong, Gangtok	10 October, 2015
Vimal Kishor was invited Resource Person/Guest Speaker	Raj Rajeshwari College of Education, Bhota (H.P.), India	22-23 December, 2015
Dona Rai was invited as Resource Person/Guest Speaker on Internet to V Semester Education Honours Students.	Sikkim Government College, Tadong, Gangtok	19 October, 2015

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organized by the Department during the year 2015-16:**

- ICSSR sponsored National Seminar on “E-Governance in Higher Education: Challenges and Prospects with Special Reference to North-East Region” on 20-21 February, 2016 organized by Department of Education, Sikkim University.



(L to R: Prof. Sachidananda Sinha, Prof. T.B. Subba, Dr. S. Mishra, Prof. N. Pandey, Prof. V. Rama Devi and Dr. A.N. Shankar)

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

Name of teachers	Courses	Name of University	Subject	Duration
Anju Verma	Orientation Course sponsored by UGC	Jai Narain Vyas University, Jodhpur, Rajasthan	Education	4 January to 31 January, 2016
Subhash Misra	Orientation Programme of N.S.S. Programme Officers	Organized by Training Orientation & Research Centre (TORC), Kolkata	Education	28 February to 5 March, 2016
Vimal Kishor	Orientation Course sponsored by UGC	Jai Narain Vyas University, Jodhpur	Education	4 January to 31 January, 2016

**Number and Names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:**

1. Pooja Basumatary, M.A. Education IV Semester Student, qualified UGC-NET in December 2015.

**3. Department of Management**

**Name of the Head** : Professor V. Rama Devi

**Telephone No** : 03592-251968

**Mobile** : 09000453743

**Email** : vrdevi@cus.ac.in

**Number of students enrolled during 2015-16** : Post-graduate –20; PhD –4.

**Faculty profile**

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. V. Rama Devi	Professor	06-05-2014	1 PhD	3	nil
Dr. Shailendra Kumar	Assistant Professor	09-03-2012	1 PhD	nil	nil
Dr. Pradip Kumar Das	Assistant Professor	23-03-2012	1 PhD	1	nil
Dr. A. Ravi Prakash	Assistant Professor	01-05-2014	1 PhD	nil	nil
Dr. Krishna Murari	Assistant Professor	12-05-2014	nil	2	1
Ms. Rachana Rai	Assistant Professor	08-12-2015	nil	nil	nil

**Publications during 2015-16:****Research papers:**

1. Rama Devi, V. (2015). A study on work–life balance of women employees in selected service sectors. *Pacific Business Review International* 7(10):17-23.
2. Rama Devi, V. (2016). Marketing products and services in a dynamic environment. *Prestige International Journal of Management and Research* 8(1):46-51.
3. Das, P.K. (2015). Labour related issues at Zydus wellness pharmaceutical company ltd. Sikkim. *Human Resource Management Perspective* 2: 10-15.
4. Murari, K. (2015). Evaluating the

effectiveness of mobile value added services with special reference to SMS marketing. *International Journal of Business Management & Research* 8 (1): 32-40.

**Student:**

5. Hera Fatima Iqbal (2016). Nestle two minute noodles (MAGGI): The rise and fall saga. *International Journal of Pharmacy & Biomedical Research* 3(1): 21-29.

**Books/book-chapter:**

6. Rama Devi, V. (2016). Traits of successful transformational leaders. In: *Leadership and Leadership Styles* (Eds: Khan, D.T. and Nooney, L.K.). Indian Institute of Psychology, Prasad Psycho Publishers,

Noida, pp.51-58. ISBN:978-93-84764-11-1.

7. Murari, K. and Kumari, P. (2015). Contract Farming in Indian Perspective: A necessity for Sustainable Rural Development. In: *Sustainable Agriculture in 21st Century: Strategic Approaches & Practices* (Eds: Zaidi, N.H. and Khan, M.M.). Regal Publication, New Delhi, pp.49-59. ISBN: 978-81-8484-408-5.

**Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details):**

1. Murari, K. and Vishal, R.S. presented a paper on “Goods and services tax: step towards indirect tax reforms in India” at the National Conference on *Emerging Trends in Commerce & Accounting*, organized by Department of Commerce, Sikkim University, Gangtok, 2-3 November, 2015.
2. Pradip Kumar Das presented a paper on “E-Governance in education: proposing a framework to measure the impact” at the

National Seminar on *E-Governance in Higher Education: Challenges and Prospects with Special Reference to North East Region*, organized by Department of Education, Sikkim University, Gangtok, 20-21 February, 2016.

**Paper Presentation in Doctoral Colloquium by PhD scholars**

- Anjana Sharma presented a paper on “Employees' perception towards the motivation and job satisfaction: a case study on Neotia Getwel Health Centre” at the *Management Doctoral Colloquium*, organized by Vinod Gupta School of Management, IIT, Kharagpur, 10-11 February, 2016.
- Geeta Shree Roy presented a paper on “Talent management strategies in pharmaceutical industry, Sikkim” at the *Management Doctoral Colloquium*, organized by Vinod Gupta School of Management, IIT, Kharagpur, 10-11 February, 2016.

**Invited lectures delivered (Faculty wise lecture delivered details):**

Name of the Faculty	Purpose of visits	Institute, Place and Country	Date
V.Rama Devi	Invited Speaker at the National Seminar – 2015 on Emerging Trends in Commerce and Accounting	Department of Commerce, Sikkim University, Gangtok	2-3 November, 2015
Pradip Kumar Das	Invited Speaker (Lecture on Leadership Development)	Nehru Yuva Kendra Sangathan, Sikkim Zone Animal Husbandry Training Centre	23 February, 2016
Pradip Kumar Das	Invited Speaker (Lecture on Interpersonal Skills)	Nehru Yuva Kendra Sangathan, Sikkim Zone Animal Husbandry Training Centre	4 December, 2015

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

- Krishna Murari attended UGC-Refresher Course in Research Methodology (ID),

University of Lucknow, Lucknow, 1-23 February, 2016.

**Projects (Details of faculty wise projects undertaken during the year):**

Name	Title of project	Funding agency	Duration	Total Budget (Rs.)	Number of JRF/SRF/Project Fellow/RA
Krishna Murari	State level achievement survey of Class V and VIII (Co-investigator)	SSA-MHRD, New Delhi	6 months (September 2015-February 2016)	10 lakhs	nil

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit, etc. organized by the Department during the year 2015-16:****Special Lectures**

- Dr. K. Jaya Kumar, IAS, Principal Secretary, Dept. of Labour, Govt. of Sikkim delivered a Special Lecture on “Dynamics of Organizational Transformation and Executing Change”, Department of Management, Sikkim University, Gangtok, 2 March, 2016.
- Shri M. Misra, General Manager, RBI, Gangtok, Sikkim delivered a Special Lecture on “Indian Banking System–Emerging Issues”, Department of Management, Sikkim University, Gangtok, 31 March, 2016.



Dr. K. Jaya Kumar, IAS



Shri M. Mishra, GM, RBI, Gangtok.

**Field Visits organized:**

- Two industrial visits to Cipla Ltd. and Zydus Healthcare were organized for MBA students during the academic year 2015–16.
- MBA students participated in different events at '**Commune – Management Fest**' organized by SRM University on 16 March, 2016 and secured three prizes.



Quiz Winners - Team members

1. Monika Payal, MBA I year
2. Pem Lhamu Sherpa, MBA I year



Collage Winners – Team Members

1. Anupama Subba, MBA II year
2. Adarsh Rai, MBA II year
3. Neha Ramudamu, MBA I year
4. Shiva Sankar Kumar Bhagat, MBA I year



Runners – Team Members

1. Kikam Bhutia, MBA II year
2. Yangchan Dolma Bhutia, MBA II year
3. K.Surya Deepika, MBA II year
- Nilima Thapa, MBA II year



Students of Department of Management and Department of Commerce won the Rolling trophy.

#### 4. Department of Mass Communication

<b>Name of the Head</b>	: Dr. Silajit Guha
<b>Telephone</b>	: 03592-280337
<b>Mobile</b>	: 09434376282
<b>Email</b>	: sguha@cus.ac.in
<b>Number of students enrolled during 2015-16</b>	: Post-graduate - 10: MPhil - 1; PhD – 3.

#### Faculty profile

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Silajit Guha	Associate Professor	29-05-2014	1 MPhil; 3 PhD	nil	nil
Shri Manoj Kumar Das	Assistant Professor	25-06-2010	nil	2	nil
Ms Jasmine Yimchunger	Assistant Professor	26-03-2012	nil	nil	nil
Ms. Niharika Buragohain	Assistant Professor	12-06-2014	nil	nil	nil

#### Guest Faculty:

- Ms. Asha Kiran
- Ms. Sangay Dolma Gyaltsen

#### Publications during 2015-16:

1. Das, M.K.(2015). Televising religion: A study of Sathya Sai Baba's funeral broadcast in Sikkim, India. *Anthropological Notebooks* 21(3):83-104. Slovene Anthropological Society.

2. Das, M.K. (2016). Television and religious studies: Mapping the field and exploring the scope in India. *Mass Media* 4(46):17-25.

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

- Das, M. K. presented a paper on *Television and Religious Studies: Mapping the Field and Exploring the Scope in India* at the Asian Congress for Media and Communication India Chapter, Kolkata, 23 November, 2015.

#### Projects (Details of faculty wise projects undertaken during the year):

Name	Title of Project	Funding Agency	Duration	Total Budget (Rs.)
Silajit Guha	Emotion Regulation in North East Indian Young Adults	ICSSR	Two years (2016-2018)	20 Lakhs

#### Number and Names of UGC/CSIR/ICAR-NET/SLET qualified students during 2015-16:

1. Diwash Pravat Rai, M.Phil Scholar qualified UGC-NET in 2015.

2. Aaron Eliza Lepcha, PhD Scholar qualified UGC-NET in 2015.

**Major Equipment added during the year 2015-16:**

Sl. No.	Particulars	Qty.	Brand
1	Still Camera compatible to "Sigma Tele Lens 150-500mm f/5-6.3 DG OS HSM APO."	01	Nikon
2	PCM-M10 Portable Audio Recorder (Black)	05	Sony
3	Black magic HD extreme 3D capture card	02	Black Magic
4	Video recorder (with playback facility and memory card)	01	Black Magic
5	Teleprompter (Automated News Room)	01	Samvad
6	Photo Printer	01	Canon

**5. Department of Music**

**Name of the Head** : Dr. Krishnendu Dutta

**Telephone** : 03592-232225

**Mobile** : 08900154154/9153052777

**Email** : kdutta@cus.ac.in

**Number of students enrolled during 2014-15** : Under-graduate – 10; Post-graduate – 3.

**Faculty Profile**

Name	Designation	Date of Joining	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Dr. Krishnendu Dutta	Associate Professor	14-05-2012	nil	1	nil
Shri Jayanta Kumar Barman	Assistant Professor	27-02-2012	nil	nil	nil
Ms. Samidha Vedabala	Assistant Professor	02-03-2012	nil	3	nil
Shri Santosh Kumar	Assistant Professor	28-04-2014	nil	2	nil

**Guest faculty:**

- Nanda Kishore Das
  - Dr. Kumar Neupane
  - Bijay Kumar Subba
- globalized World. *Sangeet Galaxy* 5(1): 3-9. ISSN-2319-9695.
3. Vedabala, S. (2016). Komal Gandhar (translation). *Samadhwani* 4(1):18-23. ISSN-2454-440X.

**Publications during 2015-16:****Research Papers:**

1. Vedabala, S. (2015). Komal Gandhar (translation). *Samadhwani* 3(3): 17-21. ISSN-2454-440X.
2. Vedabala, S. (2016). Indian classical music in a

**Book-chapters:**

4. Dutta, K. (2015). *Samsaran* (Ed: Shruti Jouhari), pp. 86-90. Anubhab Publishing House, Allahabad. ISBN 978-93-80134-71-0.
5. Kumar, S. (2015). Nyasa. In: *Shilpayan Lekhvithika* (Ed: Ragini Sarna), pp.48-53. Lumonous Books, Varanasi. ISBN 978-93-

8514-915-3.

6. Kumar, S. (2016). Cure Using Music Therapy. In: *Sangeet Lekh* Sanchayan, (Ed: Shubhanker Dey), pp.48-54. Shilpayan Lekhsanchayan, Sharada Sanskrit Sansthan, Varanasi. ISBN 978-93-81999-72-1.

“Aibhakto Uttorbango O Goyalparar Bhawaiya: Ekti Byaboharik O Tatwik Alochana” at the National Seminar, B.N. College, Assam, 5 March, 2016.

- Barman, Jayanta performed at the following programmes:

#### Seminars/Conferences/Workshops attended:

- Barman, Jayanta presented a paper on

Program Title	Place	Date
Adibimba	Dhubri, Assam	13 October, 2015
Bharat Lok Parva	Guwahati, Assam	17-19 March, 2016
‘Octave’ Festival of North East	Shantiniketan, West Bengal	24 March, 2016
Recorded folk songs of Sikkim at DOORDARSHAN KENDRA	(DD 1), Gangtok	26 May, 2015
Participated in Rashtriya Sangskriti Mahotsab	IGNCA, New Delhi, as an assistant choreographer and Bhawaiya singer, organized by Ministry of Culture, Govt. of India	18 November, 2015
Participated as Bhawaiya folk singer in Bharat LokParv	Singtam, Sikkim	19 March, 2016

Samidha performed at the following programmes:

Program Title	Place	Date
Subah Banaras	Assi Ghat, Varanasi	14 January, 2016
Sanskar Bharati Sandhya	Gangtok	29 August, 2015

- Department of Music collaborated with Sanskar Bharati, Sikkim in the festival of Music titled 'Ramayan Mahabharat: Poorvottar Sambandh' on 18-20 March, 2016.



- Santosh Kumar presented a paper on “Cure Using music therapy” at the UGC-sponsored National Seminar on *Music, Yoga & Psychology*, organized by Department of Music, S.M. College, Bhagalpur, 15 May, 2015.
- Santosh Kumar participated in a three-day Intra School Interdisciplinary National Seminar on *Trends in Contemporary Literature: Issue and Perspectives*, organized

by School of Language & Literature, Sikkim University, Gangtok, 29-31 May, 2015.

- Santosh Kumar presented a paper on “Role of music in cultural consciousness in primitive Indian Civilization” at the Seminar on *Sanskritik Chetana Ke Vikash me Sangeet Ka yogdaan*, organized by Dayanand P.G. College, Kanpur, 6 February, 2016.
- Santosh Kumar performed in the following programmes:

Program Title	Place	Date
51 hours live concert	Varanasi	26 April, 2015
Cultural programme	TMU, Bhagalpur, Bihar	15 May, 2015
Subah-e- Banaras	Varanasi	20 October, 2015
Centenary Year Celebration	Dehradun	12 February, 2016
Basant Panchami	Delhi	13 February, 2016

#### Details of Seminar/Conferences/Workshop/Short Training/Lectures/ Field visit etc. organized by the Department during the year 2015-16:

Lecture demonstration by Prof. T.M. Hoffman, Lecturer in Ethnomusicology, Keio University, Daito Bunka University, Director, Indo-Japanese Music Exchange Association on 9 September, 2015 at Gangtok



- Department of Music arranges monthly musical concert titled 'Baithak' which includes performers from different departments of the University.



- The department organized 'Meet the Artist' programme on 28 February 2016. The invited artists were Pt. Chetan Joshi (flutist), Shri A.Chandan Kumar (Carnatic flutist), Shri Somenath Roy on Ghatam and Shri Bishwajit Pal on tabla.



### Outstanding achievements of your Department (teachers and students) during 2015-16 -

- Jayanta Kumar Barman recorded folk songs of Sikkim in Doordarshan Kendra (DD-1), Gangtok, Sikkim.
- Jayanta Kumar Barman choreographed and performed *bhawaiya* song in Rastriya Sanskriti Mahotsav on November 2015 at New Delhi organized by Ministry of Culture, Gov. of India.

### 8. Details of purchase and installation of lab-equipment during the year 2015-16

Sl.No	Item	Quantity
1.	Tabla	4
2.	Sitar	4
3.	Violin	4
4.	Dotara	4
5.	Flute	2 sets
6.	Electronic Tanpura	2
7.	Metronome	2

### 6. Department of Tourism

<b>Name of the In-Charge</b>	: Ashi P. Wangmo
<b>Telephone</b>	: 03592-231318
<b>Mobile</b>	: 09002753602
<b>Email</b>	: apwangmo@cus.ac.in
<b>Number of students enrolled during 2014-15</b>	: Post-graduate - 25

### Faculty Profile

Name	Designation	Date Joining of	2015-16		
			Number of MPhil/PhD students	Number of Publications	Extra-mural Research Project
Ms. Ashi P Wangmo	Assistant Professor	01-05-2014	nil	nil	nil
Dr. Jigme Wangchuk Bhutia	Assistant Professor	05-5-2014	nil	nil	nil

**Guest faculty:**

- Shri P. K. Dong
- Shri Uttam Rai

**Publications during 2015-16: nil****Seminars/Conferences/Workshops/Training (MPhil, PhD students and Faculty wise paper presented details).**

- Bhutia, J.W. presented a paper on “Use of IT to promote home stays in Sikkim” at the workshop on *Digital India and opportunities in Tourism Industry*, organized by Department of Tourism, Banaras Hindu University, Varanasi, 10-11 March, 2016.
- Wangmo, A.P. presented a paper on “Tourism and development: a paradigm shift in the livelihood pattern of the local community of Lachung Valley, Sikkim” at the National Conference on *Strategies to ensure Sustainable Growth*, organized by Department of Tourism Studies, Pondicherry University, Pondicherry 18-19 March, 2016.
- Bhutia, J.W. presented a paper on “Sustainable eco-tourism in the Sikkim Himalayas: concepts and strategies” at the

International Symposium on *Industrializing of Agro Healing and Green Tourism*, organized by Department of Tourism and Leisure Management, Kangwon National University, Chuncheon, South Korea, 27-28 May, 2015.

- Bhutia, J.W. attended the Training of Trainers on *Life Skills*, organized by Ministry of Youth Affairs and Sports, Government of India, Gangtok, 30 November-4 December, 2015.
- Bhutia, J.W. attended the *Rock Climbing and Search and Rescue Course*, organized by Sonam Gyatso Mountaineering Institute, Gangtok, 4 April, 2015.
- Bhutia, J.W. attended the Advanced Course on *Rock climbing and Mountain Search and Rescue*, organized by Sikkim Amateur Mountaineering Association in North Sikkim, 25 May, 2015.
- P.P. Dong attended as Tourism Expert the Conference for Export of Service Industry, organized by Ministry of Commerce and Industry, Guwahati, 25-26 February, 2016.

**Invited lectures delivered (Faculty wise lecture delivered details):**

Purpose of visits	Institute, Place and Country	Date
J.W. Bhutia was invited as a Resource Person	CBSE Arunachal Pradesh,	1 March, 2016
P.P. Dong as Motivational Speaker	Skill Development Workshop for Rural Youths of Sikkim, Geysing, Sikkim	19 July, 2015

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

- J.W. Bhutia attended the UGC-Refresher

Course on Teaching Mechanism and communication skill development, North Bengal University, Siliguri, 8-28 January, 2016.

**Projects (Details of faculty wise projects undertaken during the year):**

Title of project	Name of funding agency	Duration	Total Budget Sanctioned
P.K.Dong was awarded the project on Strategic Concept and Data Plan for Development of Tourism in Bodoland Territorial Autonomous Districts	Bodoland Territorial Autonomous Council	1 year	10 lakhs

**Details of Seminar/Conferences/Workshop/Short Training/Lectures/Field visit etc. organised by the Department during the year 2015-16:**

- Mr. Kunzang Gyatso (Everester) was invited for a talk on *Adventure Tourism and Mountain*

*Guiding Skills* at Department of Tourism, Sikkim University, Gangtok, 13 April, 2015.

- Field Visits was conducted at Dzuluk on 25<sup>th</sup> and 26<sup>th</sup> June, 2015.



Tourism department's cleanliness drive at Zuluk Primary School



Students performing on VIII Foundation Day

# Central Services

## Central Library

<b>Name of the Librarian</b>	: Prof. A. S. Chandel
<b>Telephone</b>	: 03592-251060
<b>E-mail</b>	: librarian@cus.ac.in, aschandel@cus.ac.in

### Total number of staff (regular and contractual) working in your section :

<b>I)</b> Regular	: 12
<b>ii)</b> Contractual	: 02

### About the Centra Library:

The Central Library, which came into being during December 2008, continued growing in its collection and services. Its collection status by the end of March 2015 was 44701. It added 4701 titles during the year. The Library organized Book Exhibition on 19–21 May and 26 May, 2015 in which many important publishers/distributors participated. The faculty and students on the spot recommended the books during the exhibition. The books purchased during the year were processed and made ready for use without any time lag between their arrival in the library and placing them on the selves. The Library also introduced on-line purchase of books to reduce the time in acquisition process wherever urgency in procurement was needed. It also received over 700 books from Prof A C Sinha which were added to his special collection on North East. It added 10 more computers to provide more computer facilities to the students.

There were 242 journals on subscription list with annual subscription cost of Rs. 98, 90,495.00 in addition of access to other e-resources under **UGC-Infonet** and **DelCon consortium**. Total expenditure incurred on books during the year was Rs. 1,83,63,805.

The Library availed access to more than 7000 e-journal through UGC-Infonet (Now Shodh Sindhu

with wider scope). It is further strengthened by DelCON (Database of Biotechnology, Library Consortium) which included following number of e-journals for the year 2015-16:

I)	Elsevier Science Journals	425
ii)	Springer Journals	339 including 305 complimentary journals
iii)	ACS	47
iv)	Wiley	83
v)	MAL (Mary Ann Liebert, Inc. publishers)	92 (85 Journals are complementary)
vi)	Nature Publishing Group	36 Journals

Apart from e-journals, the Library also subscribed to databases **IndiaStat**, **Economic Outlook** and **IEEE Xplore Digital Library**.

### Services

The Library, which had initiated digitization work on Himalayan Studies, Literature on North East India, was further strengthened. Publications of the faculty members were digitized and archived in institutional repository. It also introduced mobile and e-mail based services to the users. It introduced new service of digitizing content pages of all current and the back issues of the journals available in the library for wider

accessibility on web and future use on Internet. Repackaging of Open Access e-books was also initiated to strengthen digital repository.

### Other Activities

The Library organised following events during the year 2015-16:

- I. Book Exhibition 19 May–21 May and 26 May 2015.
- II. One week celebration of **Rastriya Ekta Diwas** on the birth anniversary of Sardar Vallabh Bhai Patel from 31 October to 7 November 2015. Book exhibition was also organized displaying book on and by Sardar Patel.
- III. Library orientation programme to new students during the month of September 2015.
- IV. Demonstration on E-Books by the following publishers was organised on 17 November 2015.
  - i. Springer India (Pvt. Ltd.)
  - ii. Sage Publications
  - iii. Taylor & Francis
  - iv. Pearson
  - v. Indian Educational Services Pvt. Ltd.

Author Workshop was organised on behalf of Taylor and Francis on 17 November 2015.

### Publications by staff of Library during 2015-16:

1. Chandel, A.S. and Rai, A. (2015). Revisiting contribution of Ranganathan in collection development. *Annals of Library & Information Studies* vol. 61, 217-221.

Modules submitted to *PG-Pathshala* (MHRD Project) with text and audio-video version:

- i. Introduction to User Studies and Information Needs
- ii. Identifying User's Information needs
2. Karkee, P. (2015). Public librarian's attitude towards the use of mobile phone technology

in the hilly areas of Darjeeling district, West Bengal: A study. *International Journal of Information Dissemination and Technology* 5(3): 184–187.

3. Karkee, P. and Majumder, K. (2015). Getting into the reality: The experience of physical facilities provided by the public libraries in Darjeeling hill. *Library Herald* 53(4): 453–461.
4. Karkee, P. and Sinha, S. (2015). Soft Skills: enabling library professional to live sustainably. In: *LIS Career at the crossroads: Challenges and opportunities* (Eds: Parikshit Mondal and Susmita Chakraborty), pp. 439-445. University of Calcutta: Department of Library and Information Science, Kolkata. 439-445. ISBN: 978-81-925313-8-0.
5. Karkee, P., Jana, S. and Das, S.K. (2015). Library 2.0: Extension of Web 2.0 in the library perspective. In: *Library 2.0: Trends & Issues* (Eds: Kishor Chandra Satpathy), pp. 1-10. S.K. Jain and Sons; Jaipur. ISBN: 978-93-82845-94-2.

### Seminar/Workshop attended during 2015-16:

- Prof. A.S. Chandel presented a paper on “Changing Dimensions of Librarianship and Library Services with Digital Content” at the Book Summit, organised by Springer India, Goa, 27-28 July, 2015.
- Prof. A.S. Chandel participated as Resource Person at the National Workshop on 'Prospects of Consortia for North East India Libraries' organised by Department of Library & Information Science, Gauhati University and IGNC, New Delhi, 17<sup>th</sup> & 18 March, 2016.
- Prof. A.S. Chandel completed his UGC major project entitled '*Strengthening of institutional repository with special emphasis on literature on North East India.*'
- Prabin Karkee and Rinku Tamang attended the “Workshop-cum-Training Programme on

Institutional Digital Repository and Metadata Engineering” at IIT, Guwahati, 4-5 July, 2015.

- Karkee, P., Majumder, K. and Ghosh, S. presented a paper on “Cooperative role of public libraries in enhancing Community Information Services (CIS)” at the Indian

Association of Special Libraries and Information Centers (IASLIC) 30th All India Conference in collaboration with Department of Library & Information Science and Central Library, Gujrat University, Ahmedabad, 28–31 December, 2015.

### Dean of Students' Welfare

**Name of DSW** : Dr. Dhani Raj Chhetri (*till 31.01.2016*)

**Telephone** : 03592-231198

**Mobile** : 09434368399

**E-mail** : drchhetri@cus.ac.in

**Name of DSW** : Dr. S. Manivannan (*w.e.f. 01.02.2016*)

**Telephone** : 03592-231198

**Mobile** : 07602878189

**E-mail** : smanivannan@cus.ac.in

The office of the Dean of Students' Welfare (DSW) is the 'to go' place for students for everything. The consistent effort on the part of the office of the DSW was instrumental in enhancing the Gross Enrolment Ratio (GER) in Sikkim. The DSW office, through Working Committee on Admission 2015 conducted the admission process whereby 814 students got enrolled in the University during 2015-16 session

including 77 MPhil and 56 PhD students. Institutions in the areas surrounding Sikkim, Darjeeling hills, Terai and other parts of India were sensitized for the admission process that generated a huge response. It supervised the entire admission process and was instrumental in maintaining constancy in the enrolment of students.

Enrolment of students in Sikkim University over the past 5 years				
2011-12	2012-13	2013-14	2014-15	2015-16
285	335	748	822	814

In the interest of providing social justice and equal opportunity among the students, this office took steps to identify the students and provide different merit cum means scholarships viz., freeship, half-freeships, fellowships, etc. Thus, a total of 29 students were distributed fellowships at the rate of Rs.3000/month on the basis of merit cum means. Similarly, 26 full-freeships and 42 half-freeships were recommended for the needy students. A total of 37% of applicants were able to secure one or the other type of scholarship. In addition, the candidates not fulfilling the merit criteria

and were at the verge of discontinuing their studies due to economic reasons were identified and given fellowships on humanitarian grounds. All MPhil and PhD scholars who were not in receipt of other fellowships were eligible for Non-NET fellowship while other scholars got any of the Rajiv Gandhi, ICSSR, DST or Moulana Azad Fellowship. In all these cases, the office of DSW played the role of a facilitator.

The office of the Dean of Students Welfare was instrumental in creating a Students' Council so that the concerns of the students were addressed properly.

Selected representatives from different schools formed the Students' Council. Subsequently, DSW office also played the role of a mentor in the formation of the first students' association, Sikkim University Students' Association (SUSA).

In order to foster a spirit of enquiry and research and to make the students aware of the problems of immediate neighborhood, the office of the DSW encouraged the participation of students in different seminars, conferences, symposia and workshops, etc. The office of the DSW was also instrumental in bringing about different sorts of collaboration between Sikkim University and different departments of the Government of Sikkim and the surrounding Non-Governmental Organizations. Thus, the students were encouraged to participate in survey work, census

operation, field work and extension activities on several occasions in collaboration with local institutes and organizations.

The University has zero tolerance to ragging and any sort of gender-biased activities. But with the increasing number of students, a few sporadic incidents of breach of discipline among the students were reported, which the office managed quite efficiently with strong, just and swift actions.

As a first activity of the office of DSW the *ad-hoc* executive committee of Sikkim University Students' Association was notified on 8 March 2016 with the following members so as to serve the students community better:

Designation	Name	Department
PRESIDENT	NEERAJ ADHIKARI	PCSM
VICE-PRESIDENT	RK SANAYAIMA MEETIE	IR
GENERAL SECRETARY	AMAR TONEY MINJ	POLITICAL SCIENCE
JOINT SECRETARY	SUMAN GHIMIRAY	ECONOMICS
TREASURER	LALIT POKHREL SHARMA	GEOLOGY
ACADEMIC SECRETARY	MINGMA THUNDU SHERPA	MICROBIOLOGY
GAMES & SPORTS SECRETARY	MRIGANKADEEP BHARADWAJ	PHYSICS
SOCIAL SERVICE SECRETARY	SUSHMITA CHETTRI	HORTICULTURE
CULTURAL SECRETARY	YOGESH SHARMA	ANTHROPOLOGY

**Sikkim University gets its first Students' Body SUSA:** The demand for having a students' association to manage the student affairs, started materializing

when SU students formed a Constitution Drafting Committee (CDC) on September 28<sup>th</sup> 2015.

### Members of Constitution Drafting Committee Sikkim University-2016

TIKENDRAKUMAR CHHETRY	<i>Chairman</i>	PCSM
MINGMA ONGCHUN SHERPA	<i>Vice Chairman</i>	POLITICAL SCIENCE
SUBHAJIT DEBNATH	<i>Draftsman</i>	LAW
SANAYAIMA MEETIE	<i>Editor</i>	IR
GOJENDAIMARI	<i>Recording Officer</i>	POLITICAL SCIENCE
ANKITA BHARADWAJ	<i>Spokesperson</i>	POLITICAL SCIENCE
AJAY BARMAY	<i>Executive Member</i>	CHINESE
SUMAN GHIMIRAY	<i>Executive Member</i>	ECONOMICS
HARSHAD SUBHASH	<i>Executive Member</i>	PSYCHOLOGY
MINGMA THENDU SHERPA	<i>Executive Member</i>	MICROBIOLOGY
GRANTHANAMUKHERJEE	<i>Executive Member</i>	HISTORY

The drafting committee after thorough discussion at various forums submitted the draft constitution to the University authority on October 14, 2015. The draft constitution was placed before the 24<sup>th</sup> Executive Council of the university and with certain suggestions the constitution was approved. As per the constitution the association was named as Sikkim University Students' Association (SUSA). Since, the election could only be conducted at the start of the academic session as per the approved constitution, the university suggested the constitution drafting committee, to have an ad hoc executive committee of SUSA till the next election. The constitution drafting committee called for a GBM on 12<sup>th</sup> February 2016 and the students selected executive members of SUSA (Ad-hoc) through due process.

The drafting committee had submitted the list of SUSA executive members to SU authority for kind

approval and with the approval on March 8, 2016, the students community in SU got its first ever umbrella students body called SUSA.

After the formation of SUSA, it started interaction programme with students regarding pressing issues of students in the University. Consequently, executive body outlined the action plan for corresponding tenure and started execution of the same with close coordination with university administration and other wings having similar objectives, especially with NSS. SUSA also has proposed to organize the first *Ramailo SU-Khim*, Sikkim University fest with a conglomeration of academic activities, cultural activities, sports activities and social service affairs activities from 7<sup>th</sup> May to 28<sup>th</sup> May, 2016 as well as for conducting a logo competition to adopt a logo for the association.



**Executive Committee Members of SUSA with Vice-Chancellor, Sikkim University**

## Administration Department

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

Sikkim University is functioning from a number of hired buildings in and around Gangtok, in the absence of its own campus. It, therefore, poses a number of challenges to deal with on day to day basis. With dedication of officers, faculty and staff, the Administration department has been able to achieve the following during year 2015-16:

- Construction of Boundary Wall of the permanent campus at Yangang, South Sikkim completed upto 85%. Third instalment of 30% of the total estimated cost of Rs. 2.48 Cr amounting to approximately Rs. 3.75 Cr has been released to Building & Housing Department, Govt. of Sikkim on 31 July 2015 after completion of 75% of Boundary Wall.
- On 12 February 2016 agreement was signed with M/s Tata Consulting Engineers Ltd., Mumbai for appointment as the Project Management Consultant (PMC) for construction of campus building project at Yangang. PMC was selected through an elaborate process of selection.
- M/s Mukesh & Associates, Consultants & Engineers, Salem, Tamil Nadu was released 2<sup>nd</sup> and 3<sup>rd</sup> installment of fee valuing approximately Rs. 83 lakhs and Rs.66 lakhson 4 January 2016 and 16 March 2016, respectively on submission of detailed estimates of cost and preliminary scheme (2<sup>nd</sup> installment) and incorporating the suggestions and submitting drawings for approval (3<sup>rd</sup> installment).
- Recruitment of 19 faculty members and 46 non-teaching staff was carried out during the year. Apart from it vacant positions of Statutory Officers like Registrar and Finance Officer were also filled up.
- Successfully implemented comprehensive e-procurement as per threshold prescribed. All procurements with estimated value of Rs. 2.00 lakhs and more are carried out through e-tendering.
- Introduction of computerized inventory control system, which enables the University to maintain minimum stock and re-order levels.
- Introduction of cashless medical facility to our students by signing MoU with Central Referral Hospital, Gangtok.
- Extension of National Knowledge Network (NKN) connectivity to all University buildings using Optical Fiber Connectivity. All University buildings have been made Wi-Fi enabled.
- University organized Hindi Month-2015 from 4 September 2015 to 3 October 2015 in which language and literature based competitions were organized for teachers, officers, employees and students of the University and its affiliated colleges. There were 40 participants in Hindi Essay Writing Competition; 37 participants in Hindi Poetry-Recitation Competition and 62 participants in Hindi-Quiz.
- Rajbhasha workshops were also organized during the year on *Practical problems in implementation of Rajbhasha* with Mr. Dinesh Sahu, Assistant Professor, Department of Hindi as Resource person and *Notings in Hindi format and most frequently used words & Phrases* with Mr. Surendra Mohan

Kandwal, Technical Officer and Hindi Officer (In-Charge), Indian Council for Agricultural Research, Tadong, Gangtok as Resource person.

- For implementation of official language policy, University continues to issue all Notifications, Office Order and Circulars in both Hindi and English.

## Examination Department

**Name of Controller of Examination** : Dr. Debasish Chowdhury

**Telephone** : 03592 251540

**Mobile** : 09474023606

**Email** : coe@cus.ac.in

The Examination Department acts as one of the key nerve centres of the University. Its regular activities include a host of exercises throughout the year and this department too did try to do its best in delivering the services it is mandated to perform. During the period under report, the department conducted the routine end semester examinations both at the university departments and at the affiliated colleges and ensured, to the extent feasible, fast processing of the results for the benefit of the concerned students.

During the year under report, the department has settled many long pending cases that were brought to its notice by the concerned stakeholders. At the instance of the department, rules and regulations on conduct of examinations has also been amended to make the system more quality oriented and operation friendly. The department facilitated conduct of the centralized written admission test for MPhil/PhD students by holding written test, coding the answer books and publishing the results on that day itself despite the acute hardship it had to face on count of limited staff strength.

During the period under review and despite the heavy workload of the department, Mr. Sonam Wangchuk, Assistant Registrar in the department managed to remain actively involved in the website committee and had also carried out a detail technical review of the Draft Software Requirement Specifications for Implementation of the proposed File Tracking System prepared by the System Management for deployment at the university. The examination department as part of its regular workload did engage in preparing various data sheets as and when required for their onward

submission to the concerned authorities such as the UGC, the MHRD and such other government or statutory bodies. The department responded to scores of RTI queries by individuals or various government or non-government agencies as the case may be with all the promptness it was expected.

The department remained engaged round the year in the preparation, sorting and sending of examination related materials to all concerned and by and large, was able to stick to the relevant schedules for each such job. The department, in consultation with the vendor firm, did update few features and implemented them in the system software to ensure accuracy and speed of the data handling job to be taken care of by the department. The registration certificates issued by the university have been redesigned to improve its display while making it more official in nature. The processes of notifying MPhil/PhD results have been further systematized with a view to make it more streamlined and fast. The department has been one of the key contributors towards successful organization of the third convocation of the university. The department had also carried out jobs it was assigned to do to facilitate the various recruitment processes held during the year under report.

Mr. Palden Lepcha, LDC, did represent the department in the Teaching vs non teaching Football tournament held in the year 2015 as a playing member of the non teaching team that won the tournament.

**Details of Short Training/Workshop/Orientation/Professional courses attended by any staff of your section during the year 2015-16:**

- The CoE attended the Three-day National Workshop on 'Emerging Trends in Information Technology in University

Management' organized by Association of Indian Universities at DBU, Mandi, Govindgarh, Punjab, 24-26 February, 2016.

- Assistant Registrar and other Office Staff (all LDC) attended an Orientation Programme on Reservation Policy of Government of India at Sikkim University, Sikkim.

### Department of Finance

<b>Name of Finance Officer</b>	: CA. Pramod Kumar Singh
<b>Telephone</b>	: 03592-251396
<b>Fax No.</b>	: 03592-251880
<b>E-mail</b>	: <a href="mailto:financeofficer@cus.ac.in">financeofficer@cus.ac.in</a>

Sikkim University has been allocated Rs. 300 crore for the 12<sup>th</sup> Plan. During 2015-16 the amount on General Development Assistance received from the central government through the University Grants Commission was Rs.83.45 crore. Internal receipts and interest earned accounted for Rs. 9.87 crore. There are 26 research projects operational during the period under report involving an aggregate grant of Rs. 85.77 lakhs received in 2015-16. 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 2015-16, the various organisations like Science & Engg Research Board (SERB), ICAI, ICWA, ICSSR, DONER, etc released funds to the University for conducting Seminars / Workshops /Conferences in the University. The University continues the comprehensive scholarship, full freeship and half freeship schemes 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.156.05 lakhs during 2015-16.

The Government of Sikkim has handed over 265 acres

of land for raising the campus of the University at Yangang in South District of Sikkim. 85% construction of the boundary wall has been completed as a deposit work placed with Building & Housing Department, Government of Sikkim. The estimated value of this work is Rs.12.48 crore and is expected to be completed shortly. Expenditure on campus development aggregated to Rs. 622.08 lakhs during 2015-16. The expenditure on campus development will increase after construction of campus building at Yangyang commences.

The University has acquired laboratory assets worth Rs.1287.34 lakhs during 2015-16 which includes Rs.245.14 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 2015-16, 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 revised format of accounting. Accounts of the University have been maintained accordingly and the annual account for the year 2015-16 has been prepared in the revised format of accounts.

Accounts of the University for the Year 2014–15 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 well within the

prescribed time limit of MHRD. There was no adverse comment on these reports.

### Hindi Cell

<b>Name of the Hindi Officer</b>	: Shri Shailesh Shukla
<b>Name of Hindi Translator</b>	: Ms. Jutika Goswami
<b>Office Tel. Number</b>	: 03592-250040
<b>Official email ID</b>	: sshukla@cus.ac.in

Being a central university, Sikkim University is committed to the progressive use of Rajbhasha Hindi in its official work as well as to popularize among staff members and students of the university. To realize its objective in this direction, University has established Hindi Cell in April 2012. During the reporting year Hindi Cell accomplished following tasks in order to promote progressive use of Rajbhasha Hindi in the university

**Hindi Translation:** Hindi Cell did the task of Hindi translation of Annual Reports and Annual Accounts, notifications, circulars, office orders, sanction orders, financial sanction orders, leave sanction orders, rules & regulations etc. Hindi Cell also translated/prepared the response of letters received in Hindi language.

**Conducted classes:** Hindi Cell conducted classes of Hindi Teaching Scheme courses for faculty and staff members of the university in the absence of Hindi Pradhyapak of Department of Official Language, Ministry of Home Affairs, Govt. of India.

**Quarterly Reports:** Hindi Cell prepared the Hindi Quarterly report regarding the use of Rajbhasha in the University, collecting the data from different offices of the university and sending the report to MHRD, UGC, Dept. of Official Language and Town Official Language Implementation Committee (TOLIC).

**Hindi Month - 2015:** Hindi cell organized one month long Hindi Month – 2015, from 4 September to 3 October 2015. Various language and literature based competitions were organized for the teachers, officers, employees and students of the university and its affiliated colleges. There were 40 participants in Hindi

Essay Writing Competition, 37 participants in Hindi Poetry-Recitation Competition and 62 participants in Hindi-Quiz. Dr. Subhash Mishra, Dept. of Education, Dr. Srikant Dwivedi and Mr. Dinesh Shahu both from Department of Hindi were members of panel of judges for **Essay Writing Competition**. Dr. Sujata Upadhyay, Department of Horticulture, Dr. Anju Verma, Department of Education and Dr. Chukey Bhutia, Department of Hindi were members of panel of Judges for **Poetry Competition**. Dr. Amitabha Bhattacharya and Dr. Aditya Vikram Singh were the quiz-masters for **Hindi-Quiz** while and Mr. Sayak Das was assistant Quiz Master.

**Rajbhasha Workshops:** The Hindi Cell organized two Rajbhasha workshops in the reporting year. First Rajbhasha Workshop was on 'Practical Problems in implementation of Rajbhasha' with Mr. Dinesh Shahu, Assistant Professor, Department of Hindi as resource person on 2 September, 2015. Second Rajbhasha workshop was on 'Noting in Hindi: Format and most frequently used words & phrases' with Mr. Surendra Mohan Kandwal, Technical Officer and Hindi Officer (In-Charge), Indian Council for Agricultural Research, Tadong, Gangtok as resource person on 11 March, 2016.

#### Participation & Paper Presentation in Seminar:

- Shailesh Shukla presented a paper on 'Contemporary Hindi Literature in New Media: Different formats of expression, reach and emerging trends' at a National Seminar on the topic 'Contemporary Literature: Sensibility and Format of expression'

organized by Department of Hindi, University of Sikkim, 20-21 March, 2016.

- Jutika Goswami participated in the Two-Day All India Rajbhasha Workshop in Bhubaneswar organized by MHRD, GoI, 23-24 November, 2015.

#### Invited Lectures:

Shailesh Shukla

- Delivered a lecture on 'Implementation of Rajbhasha' as resource person at Ayurveda Regional Research Institute, Tadong, Gangtok, 27 August, 2015.
- Delivered a lecture on "Relevance of Hindi Day Celebration" as Resource Person in the opening session of Hindi Fortnight 2015

celebration organized by Doordarshan, Gangtok.

- Delivered a lecture on 'Hindi Day Celebration' as resource person in the closing ceremony of Hindi Pakhwada 2015 in Ayurveda Regional Research Institute, Tadong, Gangtok.
- Delivered a lecture on "Importance of Hindi Day Celebration" as Resource Person in the closing ceremony of Hindi Fortnight 2015 celebration organized by 13<sup>th</sup> Battalion, Indo-Tibetan Border Police, East Sikkim.

Jutika Goswami

- Delivered a lecture on "Situation of Hindi in the world" at the World Hindi Day Function, organized by Meghalaya Rashtrabhasha Prachar Samiti, Shillong, 10 February, 2016.



### Internal Quality Assurance Cell (IQAC)

The second Internal Quality Assurance Cell was established in 2013 as per guidelines of UGC, with the following objectives:

- To improve academic and administrative performances of the university.
- To enhance and maintain the quality by incorporating quality culture, innovation and best practices.

The constitution of the IQAC of Sikkim University (SU) during the year under report was as follows:

Prof. T. B. Subba, Vice-Chancellor [Chairperson]

Prof. Jyoti Prakash Tamang, Professor, SU

Prof. Pratap Chandra Pradhan, Professor, SU

Dr. Sohel Firdos, Associate Professor, SU

Dr. N. K. Paswan, Associate Professor, SU

Dr. V. Krishna Ananth, Associate Professor, SU

Dr. A. N. Shankar, Associate Professor, SU

Dr. N. Sathyanarayana, Associate Professor, SU

Dr. H. K. Tiwari, Associate Professor, SU

Dr. Subir Mukhopadhyay, Associate Professor, SU  
[Coordinator]

Dr. Suresh Gurung, Administration, SU

Shri S. D. Lepcha, Representative from local  
community

Shri J. R. Subba, Representative from local  
community

Shri K. N. Bhutia, Representative from local

community

### Activities of IQAC during 2015-16:

- **Workshop:** IQAC organized a workshop “Knowing IQAC” on 28 August, 2015 at Barad Sadan. The chairperson of IQAC delivered inaugural address. Prof. A P Pathak from the University of Hyderabad and Prof. S.N. Ojha, from Visva-Bharati delivered lectures regarding quality enhancement of institutions of higher learning and boundaries of quality assurance. After every lecture there was one-hour vibrant interactive session. Around 55 faculty members from the Sikkim University and its affiliated colleges attended the workshop.
- **University Ranking:** As per instruction from UGC, the University prepared the report of its activities for the period 2012 to 2015 and this task was assigned to IQAC. IQAC prepared the report in the prescribed format and submitted to National Institutional Ranking Framework within stipulated time. As per the NIRF ranking University is 61<sup>st</sup> in the country and 4<sup>th</sup> in this region.
- **Other Activities:** University conducted selection to fill up its various vacant posts in academic departments. The selection process involves computation of API score of the applicants and IQAC members completed that task. University also received 19 applications from its faculty members for promotion. IQAC scrutinized the applications as per UGC rules and guidelines and submitted its report.

## Health Centre

<b>Head of department</b>	: Dr. Manjushree Thapa Manger
<b>Telephone</b>	: 03592-251056
<b>Mobile</b>	: 8388066478
<b>Email</b>	: mthapa@cus.ac.in

### Profile of the Health Centre

The Health Centre was started with the appointment of one Medical Officer and one Staff Nurse in May 2012. It started functioning in 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 May 2012. At present, the Health Centre is adjacent to the Kanchendzonga Management Block, 6<sup>th</sup> Mile, Tadong, Gangtok. Presently the Health Centre is functioning with three rooms and four staff, i.e. Medical Officer, Staff Nurse, Nursing Attendant and MTS. The post of Pharmacist is vacant.

### Objectives:

1. To cater to the health care needs of students and employees in terms of consultation, patient care, counseling and policy making.
2. To be strong support system and have active involvement in community development.

### Facilities Provided:

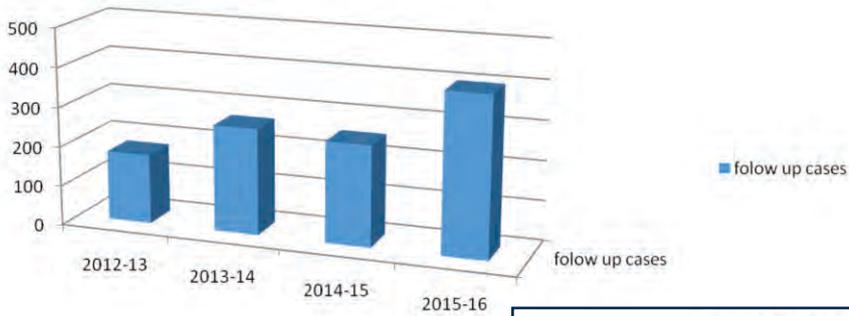
- Outpatient Clinic: The outpatient needs of the students, employees and their dependents are taken care of in the Outpatient Clinic. Minor procedures are also done during the same.

- Timings: 9:30 am to 5:30 pm, weekdays.
- Emergency facilities: The students, employees and their dependents are given emergency services, via consultation in the Health Centre and telephonic consultation 24\*7.
- Inpatient facilities: The students, employees and their dependents are provided with inpatient facilities in the clinic itself.
- Dispensary: the Centre houses all the essential drugs, both oral and injectable. The Staff Nurse as per the prescription of the Medical Officer dispenses drugs.
- Ambulance facility: Vehicle is provided for medical emergency purposes.
- Caters as counseling center.
- First aid kits are distributed to the different department on study tours and field trips.
- DOTS Centre.
- Referral centre for the students for investigations and specialized treatment.

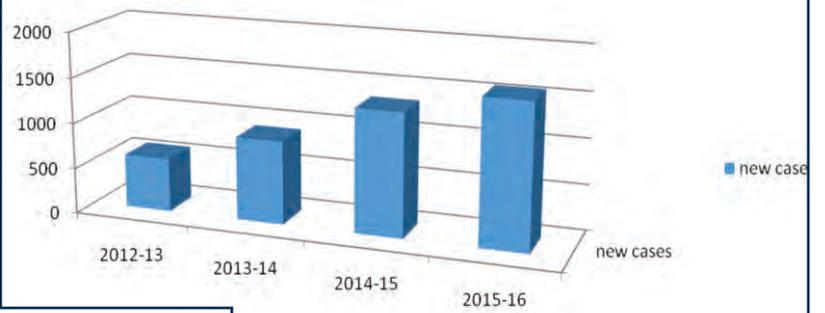
## Data for 2015-16

Month	New cases	Follow up cases	Total cases	Cases referred		Inpatient cases
				Investigation	treatment	
Apr'15	148	41	189	5	3	0
May'15	172	22	194	11	11	1
June'15	145	27	172	3	4	1
July '15	70	17	87	3	2	4
Aug '15	134	39	173	4	8	0
Sept'15	181	51	232	14	10	1
Oct'15	129	44	173	14	9	3
Nov'15	122	22	144	6	8	0
Dec'15	94	21	115	4	1	0
Jan'16	38	7	45	0	0	0
Feb'16	167	46	213	32	17	3
Mar'16	180	64	244	21	15	0
Total 2015-16	1580	401	1981	117	88	13

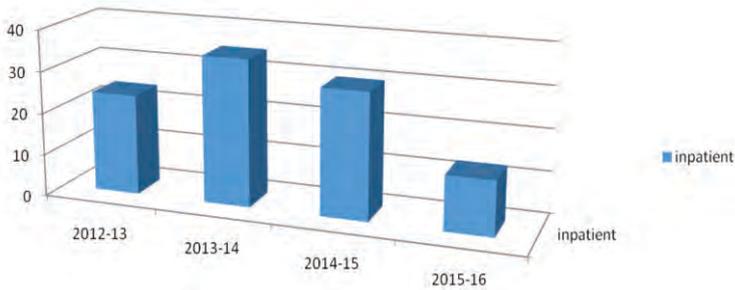
**Follow up cases availing OPD facility**



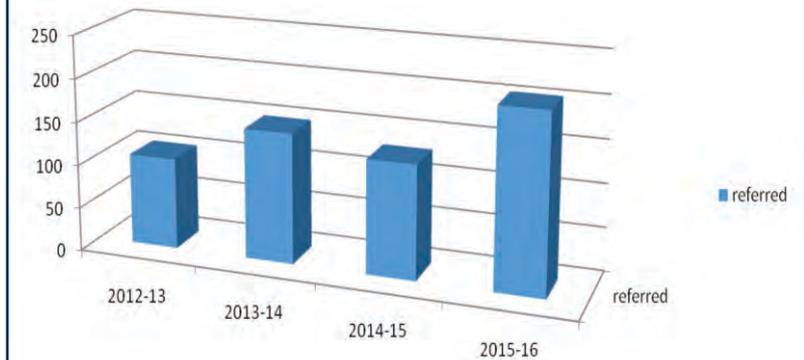
**New cases availing OPD facility**

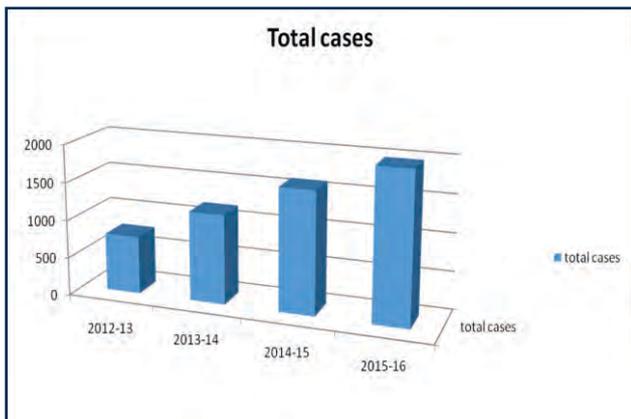


**Inpatient cases**



**Referred**





**Training/Workshop:** Dr. Manjushree Thapa Manger attended Gastrocon 2015 on 1-2 November.

**Achievements:**

- Functional MoU with the Central Referral Hospital, SMIMS was made with regard to investigation and treatment of students studying in Sikkim University.
- Purchase order of instruments for use in the Health Centre was made.
- Crèche facility for the staff in progress.

**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' of walk away from MG Marg, Gangtok. It has 15 deluxe and 3 suite rooms and

- Purchase of ambulance in process.

**University Gym**

The University GYM with all the latest equipment is open for 6 days a week for its students and staff. Different shifts have been maintained for male and female users. Trained male and female GYM instructors monitor and provide continuous supervision to the users.

One can join the university GYM simply by filling up a membership form available in the GYM and also in the University website. Along with the membership form one has to submit 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 GYM 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

a meeting room with all facilities like TV, geyzer, lift etc. Both vegetarian and non-vegetarian meals are served at subsidized rates. It has the entire building Wi-Fi enabled and covered under CCTV surveillance. During the 2015-16, guesthouse entertained more than 1000 guests coming from all parts of India and abroad.



## National Service Scheme Cell

<b>Name of the Programme Coordinator</b>	: Dr. Sujata Upadhyay
<b>Mobile</b>	: 8967036279
<b>E-mail</b>	: nsscell@cus.ac.in
<b>Programme Officers</b>	: Dr. Jigmie W. Bhutia and Dr. Subhash Mishra

### The activities organized by NSS Cell during the year 2015-2016 are mentioned as follows:

- Special lecture on “Meditation and Stress Management” at Barad Sadan, 5<sup>th</sup> Mile, Gangtok on April 4<sup>th</sup> 2015.
- Cleaning drive at Dept. of Horticulture, 6<sup>th</sup> Mile, Gangtok on April 11<sup>th</sup> 2015.
- Cleaning drive at Central Library, 6<sup>th</sup> Mile, Gangtok on April 19<sup>th</sup> 2015.
- Road Cleaning by NSS volunteers at 6<sup>th</sup> Mile on May 20<sup>th</sup> 2015.
- Participation in “Legal Awareness Programme” organized by Nehru Yuva Kendra Sangathan, Sikkim at Gangtok on June 5<sup>th</sup> 2015.
- Workshop on “Holistic Personality Development of Students” at Barad Sadan, 5<sup>th</sup> Mile on June 6<sup>th</sup> 2015.
- Special lecture on “Emotional Management” at Barad Sadan, 5<sup>th</sup> Mile on June 7<sup>th</sup> 2015.
- International Yoga Day Programme at Teesta Boys' Hostel, Gangtok and participation in programme at Palzor Stadium on June 21<sup>st</sup> 2015.
- Participation in Regional Level Workshop on “Prevention of Substances (Drugs Abuse) at NEHU, Shillong by Programme Coordinator, NSS (June 15<sup>th</sup> to 17<sup>th</sup> 2015).
- Third meeting of NSS Cell Advisory Committee organized on July 13<sup>th</sup> 2015.
- Ukhan Competition on the occasion of Nepali Bhasha Manyata Diwas at Barad Sadan, 5<sup>th</sup> Mile on August 20<sup>th</sup> 2015.
- Brief Orientation Programme for NSS volunteers organized at Department of Horticulture, 6<sup>th</sup> Mile on August 27<sup>th</sup> 2015.
- Debate competition by 24 Hours Inspired Team in association with Gangtok Municipal Corporation organized at Sikkim University (Intra-University at Barad Sadan, 5<sup>th</sup> Mile) on September 11<sup>th</sup> 2015 and Inter-University/Inter-College on September 19<sup>th</sup> 2015.
- Participation in Talk on “Empowerment to Excel” by Chinmaya Mission, Sikkim at SMU Auditorium, 5<sup>th</sup> Mile on September 12<sup>th</sup> 2015.
- Peace Walk on International Peace Day at MG Marg, Gangtok on September 21<sup>st</sup> 2015.
- Speech Competition on “Development of Leadership Skills in Indian Youth” on NSS Day at Dept. of Horticulture, 6<sup>th</sup> Mile on September 24<sup>th</sup> 2015.
- Cleaning drive at Teesta Boys' Hostel on October 2<sup>nd</sup> 2015.
- Meditation session and Pranic Healing Course at Teesta Boys' Hostel, Gangtok (October 2<sup>nd</sup> and 4<sup>th</sup> 2015).
- Essay competition on “Ways to Make India Clean and Green in Next Ten Years” organized on Intensive National Cleanliness Campaign at Dept. of Horticulture, 6<sup>th</sup> Mile on October 11<sup>th</sup> 2015.
- Invited lecture delivered by Programme Coordinator, NSS on “Moral Values” in Rotary Youth Leadership Awards organized

- by Rotary Club of Gangtok, South on October 9<sup>th</sup> 2015.
- Skit competition on “Swachh Bharat Mission” on Intensive National Cleanliness Campaign at Department of Horticulture, 6<sup>th</sup> Mile on October 11<sup>th</sup> 2015.
  - Interactive talk on “Genesis of Concept of Solid Waste Management at International and National Level” by CA P.K. Singh, Finance Officer, Sikkim University in Prize Distribution Function on the Activities organized on Intensive National Cleanliness Campaign on October 28<sup>th</sup> 2015.
  - Participation in “Walk the Talk Loud” Walkathon Contest at MG Marg, Gangtok by staff members and students on October 30<sup>th</sup> 2015.
  - Participation of volunteers in Photo Exhibition at MG Marg and Prize Distribution Function at Chintan Bhawan organized by ESS India, 24 Hours Inspired in association with RMDD Dept., Govt. of Sikkim on October 31<sup>st</sup> 2015.
  - Elocution competition organized on concluding day of Vigilance Awareness Week (October 26<sup>th</sup> to 31<sup>st</sup>, 2015) at Dept. of Horticulture, 6<sup>th</sup> Mile on October 31<sup>st</sup> 2015.
  - Participation in Sikkim Run Contest (volunteers, staff and student participants and skit on “Prevention of Drugs Abuse”) at MG Marg, Gangtok on November 1<sup>st</sup> 2015.
  - Volunteer support to 3<sup>rd</sup> Convocation of Sikkim University at Chintan Bhawan, Gangtok on November 9<sup>th</sup> 2015.
  - Participation in training programme on “Career Guidance and Counseling” organized by Nehru Yuva Kendra Sangathan, Sikkim at Gangtok by Dr. Sujata Upadhyay Programme Coordinator, NSS (November 25<sup>th</sup> to 29<sup>th</sup> 2015).
  - Participation in training programme on “Life Skills” organized by Nehru Yuva Kendra Sangathan, Sikkim at Gangtok by Dr. Jigmie W. Bhutia and Dr. Subhash Misra, Programme Officers, NSS (November 30<sup>th</sup> to December 4<sup>th</sup> 2015).
  - Invited lecture delivered by Programme Coordinator, NSS on “Leadership and Personality Development” in training of trainers programme on “Social Animators for Tribal Youths” organized by Nehru Yuva Kendra Sangathan, Sikkim at Gangtok on December 3<sup>rd</sup> 2015.
  - Invited lecture delivered by Programme Coordinator, NSS on “Importance of Value Education in Today's Context and Organization of Moral values based programmes in educational institutions” in Training of Trainers on “Life Skills Development for NSS and NCC officers of Sikkim” organized by Nehru Yuva Kendra Sangathan, Sikkim at Gangtok on December 3<sup>rd</sup> 2015.
  - Participation in district level declamation contest on “Patriotism and Nation Building” on December 19<sup>th</sup> 2015.
  - Participation in 6<sup>th</sup> Bharatiya Chhatra Sansad at MAEER'S MIT, Pune from January 27<sup>th</sup> to 30<sup>th</sup> 2016.
  - Blood donation camp organized in association with STNM Hospital, Gangtok at Raap Jyor Cauvery Girls Hostel Hall, 5<sup>th</sup> Mile on February 25<sup>th</sup> 2016.
  - NSS Orientation Programme was attended by Dr. Subhash Misra, Programme Officer (Unit I) at ETI, RKMA, Narendrapur, Kolkata from February 27<sup>th</sup> to March 5<sup>th</sup> 2016.
  - Fourth meeting of NSS Cell Advisory Committee on March 3<sup>rd</sup> 2016.
  - Workshop for Young Volunteers to Volunteer for Constructive Work organized in association with Gandhi Smriti and Darshan Samiti, New Delhi at Raap Jyor Cauvery Girls Hostel Hall, 5<sup>th</sup> Mile on March 15<sup>th</sup> to 16<sup>th</sup> 2016.
  - Participation in two days Seminar on Yoga and Naturopathy organized by Central

Council for Research in Yoga and Naturopathy (CCRYN), Ministry of AYUSH, Govt. of India in coordination with Dept. of Health Care, HS and FW, Govt. of Sikkim at Chintan Bhawan, Gangtok on March 28<sup>th</sup> to 29<sup>th</sup> 2016.

### Salient Achievements during 2015-2016:

- Mr. Biplove Kumar, Dept. of History and Ms. Kikam Bhutia, Department of Management secured second and third prizes respectively at Inter-University/Inter-College Debate Competition “Your Take Your Stake” organized by ESS India, 24 Hours Inspired, Gangtok in association with Gangtok Municipal Corporation at Sikkim Govt. College, Tadong, on September 19<sup>th</sup> 2015.
- Mr. Satyajit Garnayak, Department of Horticulture and Mr. Chongtham Bishwojit (Pepe), Dept. of Chinese secured first and second rank respectively as University /College students in 3 Km “Walk he Talk Loud” Walkathon Contest at MG Marg, Gangtok on October 30<sup>th</sup> 2015.
- Dr. Swati A. Sachdeva, Head, Department of Sociology secured first rank in 1 Km “Walk the Talk Loud” Walkathon Contest at MG Marg, Gangtok on October 30<sup>th</sup> 2015.
- Felicitation to Sikkim University NSS Team by Shri A.K. Ghatani, Hon'ble Health Minister, Govt. of Sikkim at Gangtok for volunteer support to Sikkim Run Contest (organized by Zest Event Management Group, Sichey on November 1<sup>st</sup>, 2015) on November 10<sup>th</sup> 2015.
- Felicitation to Mr. Yogesh Adhikari, Department of Mathematics and team by Shri A.K. Ghatani, Hon'ble Health Minister, Govt. of Sikkim for excellent skit performance on “Prevention of Drugs Abuse” on November 10<sup>th</sup> 2015.
- Mr. Dawa Sherpa, Dept. of Geography and Mr. Biplove Kumar, Department of History received first and second prizes in district level declamation contest on “Patriotism and Nation Building” on December 19<sup>th</sup> 2015.



Ms. Reeta Sharma presenting short story in Ukhan competition in front of University dignitaries on 20 August, 2015



Cleaning Drive organized at Teesta Boys' Hostel, Gangtok on 2 October, 2015

### **Innovators' Club and Innovation and Entrepreneurship Development (IED) Cell**

The University has constituted Innovators' Club and Innovation and Entrepreneurship Development (IED) Cell in November 2015 with Prof. J.P. Tamang as Chairperson. Members for Innovators' Club include Dr. N. Sathyanarayana, Dr. S. Manivannan and Shri Partha Pratim Ray. Members of IED Cell include Dr. A.N. Shankar, Dr. Bimala Singh, Dr. Sudarshan Tamang, Dr. Shailendra Kumar, Shri Partha Pratim Ray and Dr. Karma D. Bhutia.

A Brainstorming Session organized by Innovators' Club of SU was held to formulate necessary action plans for efficient accumulation of innovation and business incubation in Sikkim University. The session was held at the Barad Sadan on 1 March 2016 under the chairmanship of Prof. J.P. Tamang. Members of the Innovators' Club were also present to facilitate various questions and discussions participated by the faculty members and students of the Sikkim University. Around 60-65 teachers and students (mostly PhD scholar) participated in the discussion. Upon an hour-long discussion few important observations were made and are presented herein.

1. Overall dissemination of knowledge about invention and its process, possibilities, and outcomes are to be addressed to the mass.
2. The Start-Up scheme, as launched by the Govt. of India has to be incorporated into the innovation process.
3. Effective business plans are required that shall be vetted by financial supports from govt.,

industry, local people, as well as Sikkim University to act them as business partners.

4. Collaboration between various Departments has to be networked so as to fasten the process of innovation.
5. Sikkim University may provide necessary funds and administrative supports to organize similar brainstorming sessions in each academic year.
6. Exhibition on the developed products may be organized simultaneously to boost up the moral of participants by awarding them.
7. Effective policy shall be devised to inculcate the streamlining of all the processes.
8. A special team of dedicated and expert members in this field shall govern marketing and sale of the developed products.
9. Sikkim University should play an important and leading role in incubating innovation and business ideas while enhancing of various aspects such as, entrepreneurship, self employment, managerial skill development, along with advancement of state of current ranking scenario.
10. Establishment of an Innovation cum Entrepreneurship Development (IED) cell in the Sikkim University to address all the issues starting from collecting innovative proposals, filing patents, helping to arrange industrial partners, product marketing etc., under one roof.

## **EDITORIAL COMMITTEE OF ANNUAL REPORT 2015-16**

### **Chairperson**

**Prof. Jyoti Prakash Tamang**

Professor of Microbiology & Dean, School of Life Sciences

### **Members**

**Prof. Irshad G. Ahmed**

Professor of English & Dean, School of Languages & Literature

**Prof. V. Rama Devi**

Professor of Management & Dean, School of Professional Studies

**Prof. Imtiaz G. Ahmed**

Professor of Law & Dean, School of Social Sciences

**Dr. Subir Mukhopadhyay**

Director of IQAC & Dean, School of Physical Sciences

**Dr. Nutankumar S. Thingujam**

Associate Professor of Psychology & Dean, School of Human Sciences

**Dr. Silajit Guha, Head**

Department of Mass Communication

**Dr. S. Manivannan**

Associate Professor of Horticulture & Dean, Students' Welfare

**Shri C.B. Chhetri**

Assistant Registrar (Admn.)