



**South Asian University**

*(A University established by SAARC nations)*

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# Annual Report 2017

# CONTENTS

Message from the President .....	1
Decision Making Bodies of SAU .....	2
Executive Council (EC).....	3
Academic Council (AC) .....	4
Finance Committee (FC).....	5
Key University Functionaries.....	6
University Finances .....	8
Major Highlights of the Year .....	9
SAARC Charter Day .....	13
SAU Gallery .....	15
Academic Programmes & Admissions .....	17
Scholarships/Freeships .....	21
SAU Gold Medal.....	24
SAU Distinguished Lecture Series.....	25
Student Activities .....	26
Student Facilities & Services.....	28
Prof. G.K. Chadha Library.....	29
Campus Construction .....	33
Academic Faculties	
Faculty of Economics .....	37
Faculty of Legal Studies.....	47
Faculty of Life Sciences & Biotechnology.....	69
Faculty of Mathematics and Computer Science .....	83
Department of Computer Science.....	84
Department of Mathematics.....	96
Faculty of Social Sciences .....	107
Department of International Relations .....	108
Department of Sociology.....	120
Annexures.....	129

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*The theme for SAU Annual Report 2017 is evening panorama of the eight capital cities of the member states of the SAARC.*

# Vision

The mandate of the South Asian University, as set out in the Agreement of the SAARC member states under which the University is set up, envisages that the choice of the programs of studies to be offered at this University should:

- enhance learning in the South Asian community that promotes an understanding of each others' perspectives and strengthens regional consciousness;
- provide liberal and humane education to the brightest and the most dedicated students of South Asia so that a new class of quality leadership is nurtured; and
- enhance capacity building of the South Asian nations in science, technology and other areas of higher learning vital for improving their quality of life such as information technology, bio-technology and management sciences, etc.

These three elements i.e. building a culture of understanding and regional consciousness; nurturing a new class of liberal, bright and quality leadership and building the capacity of the region in science, technology and other disciplines considered vital for improving the quality of life of the people, therefore, form the core objectives of the South Asian University.



# Regional Co-Operation can do Wonders

The year that has gone by will be remembered for the many milestones that we, as a university, have achieved – some tangible and some intangible yet invaluable. Seeing new cohorts of young minds coming to the university from all parts of our region with hope in their eyes while another set of young minds passes out, equipped with a unique degree of confidence to face the world out there, can bring about a great sense of accomplishment.

We still continue to face some teething problems in many aspects of the University. But then establishing the first international university of its kind in South Asia can never be without challenges. The baby steps we have been taking, however, have given way to more confident strides and we are marching ahead with a renewed determination, spurred by an inspirational form of co-operation.

I am glad that a beginning for establishing the Institute of South Asian Studies (ISAS) within SAU has been made and based on the recommendations of experts, a few research proposals have already been approved. I am sure ISAS will contribute significantly in achieving the objectives of SAU because one of the preconditions for the consideration of research proposals under the aegis of ISAS is the involvement of faculty from other Universities/Member States. This can lead to many ground breaking initiatives being taken on a wide variety of topics from diverse fields of studies pertaining to the region.

There is rapid progress on the construction of the permanent campus as many contentious issues have been

ironed out. As we speak, the construction of 12 buildings is going on in full swing. The first set of five buildings is expected to be ready in early 2019.

The second well-attended Convocation of the University has also been held on schedule. Degrees were conferred on 185 Masters and 9 M.Phil students while 11 students were awarded gold medals for meritorious performance in their respective areas of studies.

This year, we also initiated the celebration of SAU Day on 7 March. Students from various parts of South Asia meticulously organised the colourful event. The South Asia Food Festival, which is an integral part of the celebrations, made sure that everyone had a memorable day with a variety of sumptuous South Asian cuisines distinctive in taste, colour and aroma. This will be a yearly affair and will always be a student-led celebration.

Whatever we are today, the achievements we have accomplished would not have been possible without the continued cooperation and support we have received from all member states and statutory bodies of the university. I cannot end this message without expressing my gratitude to all of them.

**Dr Kavita A Sharma**  
*President*

# Decision Making Bodies of SAU

## Governing Board (GB)

The Governing Board of the South Asian University (SAU) is the highest policy and decision-making authority of the University, which oversees the academic, administrative and financial management of the University. It consists of two members from each of the SAARC Member States, nominated by the respective Member State, in the manner prescribed in the Regulations.

During the period under report, the Governing Board deliberated upon various administrative, academic and policy matters and took important decisions. Some of the important matters considered and approved by the Governing Board are as follows:

- Status of Construction of South Asian University

- One time Faculty Research Grant
- Travel Support Scheme for Ph.D. Students of SAU
- Status of SAU's Corpus Fund
- Detailed Academic Planning of Phase-II (2019-23) and Tentative Budget Estimates for SAU Phase-II (2019-23)
- Assessment and Promotion Policy of Non-Teaching Staff
- Byelaws emanating from Draft Assessment and Promotion Policy of Non-Teaching Employees and enabling amendments in Regulations
- Amendments in existing Regulations.



# Executive Council (EC)

The Executive Council (EC) of SAU is the prime body responsible for major executive decisions. Besides senior functionaries of the SAU, the EC has four members who are nominated by the SAARC member states by rotation. The President of the SAU chairs the EC meetings. The Executive Council is vested with the powers to make teaching and other senior administrative appointments on the recommendation of the Selection Committees, fix their emoluments and define their duties. The Executive Council is also vested with the power to maintain discipline amongst the teaching and non-teaching staff in accordance with the Rules, Regulations and Byelaws and manage and regulate finances, accounts and other administrative affairs of the University.

The Council deliberated upon various administrative and academic matters and took important decisions during the period under report. Some of the important matters considered and approved by the Council are as follows:

- Extension of the services of teaching/non-teaching staff members who have completed their five-year contract
- Interim Report on Presentation of University Accounts
- Status of Students' Aid Fund
- Status of SAU's Operational Funds
- Status of SAU's Capital Funds
- Reconstitution of the Gender Sensitization Committee (GSC) and University Complaints Committee (UCC)
- Status of SAU's Investments
- Revision of Investment Policy
- Extension of the term of University's Statutory Auditors
- Status of acquiring/implementing an E-Governance [Enterprise Resource Planning (ERP)] System for SAU



# Academic Council (AC)

The Academic Council (AC) is the custodian of the academic activities of the SAU. It is vested with power to recommend the establishment and abolishment of Faculties, Departments, Institutions, Inter-disciplinary Research Centres, Specialized Laboratories and Libraries, etc. The Academic Council is also vested with the power to recommend to the Executive Council the creation and abolition of teaching posts in the University, draft regulations regarding admission and examinations, appointment of examiners, conferment of honorary degrees and institution of fellowships and scholarships etc.

The Academic Council deliberated upon various academic matters during the period under report. Some

of the important matters considered by the Council are as follows:

- Change in the nomenclature of the existing MA Development Economics programme
- Amendments in existing Regulations relating to Doctor of Philosophy/Master of Philosophy/Master's Program.
- One time Faculty Research Grant
- Travel Support Scheme for Ph.D. Students of SAU
- Matters relating to submission of MPhil Synopses of students admitted in 2015
- Admission Schedule for the Academic Session 2017-18

# Finance Committee (FC)

The Finance Committee considers the annual accounts, financial estimates and expenditure proposals of the University. The annual accounts and estimates duly approved by the Finance Committee, are submitted to the Executive Council for approval. The Finance Committee deliberated upon various important issues pertaining to the University's finances in its 6th meeting held on 29.08.2017.

Some of the important matters approved or recommended by the Committee are as follows:

- University's Accounts (Operational Expenditure) for Financial Year- 2016
- Status of SAU's Investments
- Revision of Investment Policy
- Change of University's Banker

- Extension of the term of University's Statutory Auditors
- Tentative Budget Estimates for SAU Phase-II (2019-23)

## SAU Administration

SAU is a relatively young University and at present administrative support is provided by a skeletal staff. Currently, there are only 43 non-teaching employees in the University. The Chairperson of SAARC is the Visitor of the University. Dr. Kavita A. Sharma is the President of the University and Prof. Santosh C Panda and Prof. Sasanka Perera are the Vice Presidents. At the Faculty level, administrative responsibilities are also shared by the Deans of various Faculties. Dr. A. K. Malik is the Registrar of the University.



# KEY UNIVERSITY FUNCTIONARIES



**Dr. Kavita A. Sharma**  
President



**Prof. Sasanka Perera**  
Vice President & Dean, FSS



**Prof. Santosh Panda**  
Vice President & Dean, FE

## Faculties/Departments



**Prof. Ranjan K. Mohanty**  
Dean, FMCS



**Dr. VG Hegde**  
Associate Dean, FLS  
(up to 13.09.17)



**Dr. Ravindra Pratap**  
Associate Dean, FLS  
(wef 13.09.17)



**Dr. Sunil Kumar**  
Associate Dean, FE



**Dr. Senthil K Venugopal**  
Associate Dean, FLSB



**Dr. Mohd. Abulaish**  
Chairperson, DCS



**Dr. Siddharth Mallavarapu**  
Chairperson, DIR



**Dr. Ravi Kumar**  
Chairperson, DS



**Dr. Deepa Sinha**  
Chairperson, DM

## Administration & Finance



**Mr. Thanglura Darlong**  
Chief Liaison Officer



**Dr. AK Malik**  
Registrar



**Mr. Washim Ahmed**  
Director-Finance



**Mr. Keshav Datt**  
Dy. Director Finance



**Mr. Anwar UI Haq**  
Dy. Registrar



**Ms. Maina Kharga**  
Dy. Registrar



**Mr. MP Kediya**  
Executive Engineer (Civil)



**Mr. Hemant Mansharamani**  
Asst. Dir. HSS



**Ms. Manori Bandara**  
Asst. Dir. Infrastructure



**Dr. Vineet Ghidyal**  
Asst. Dir. ICT



**Mr. Abhishek Kumar**  
Asst. Registrar



**Mr. Hari Prakash Mandal**  
Asst. Registrar



**Mr. Aheibam Prahlad**  
PRO



**Dr. Priyadarshini**  
Medical Officer



**Mr. Abdullah Al Modabber**  
Asst. Librarian

# University Finances

The capital cost of establishing the University estimated originally to be approximately, US \$300 million for the first phase, has been borne by the Government of India as per the Inter-Governmental agreement on the South Asian University. In addition, the Government of India has also provided, free of cost, a plot of land of about 100 acres in South Delhi for setting up the main campus of the South Asian University. The operational cost of running the University is shared, on year-to-year basis, by all SAARC

Member States and the contribution of individual Member States is governed by a formula that has jointly been evolved by the eight countries. The Business Plan of the University, that contains the University budget figures, has been approved by the Governing Board of the University.

The operational and capital budget estimates for the year 2017 are to the tune of US\$ 9.74 million and US \$ 51.87 million respectively.



# Major Highlights of the Year

## Second SAU Convocation

The University conducted its second convocation at the Pravasi Bhartiya Kendra, Chanakyapuri, on 12 June 2017. The ceremony was presided over by H.E. Mr. Deep Kumar Upadhayay, Ambassador of Nepal to India as the nominee of the Visitor, SAU. The Chairperson of SAARC is the Visitor of the university, the chairmanship being held by Nepal currently. Mr. MJ Akbar, Minister of State for External Affairs, Government of India was the Chief Guest. H.E. Mr. Amjad Hussain B. Sial, the Secretary General of SAARC was also present as a Guest of Honour along with noted academicians, high ranking diplomats and other dignitaries from around the South Asia region.

185 students – 21 from Afghanistan, 28 from Bangladesh, one from Bhutan, one from Maldives, 16 from Nepal, 11 from Pakistan, 3 from Sri Lanka and 104 from India, representing all the eight SAARC countries received their Masters Degrees. 9 students received their MPhil Degrees – one each from Sri Lanka, Bangladesh and Afghanistan and 6 from India. The Degrees, in various programmes that

include Applied Mathematics, Biotechnology, Computer Science, Development Economics, International Relations, Legal Studies and Sociology, were presented by the Nepalese Ambassador H.E. Mr. Upadhayay. 11 programme toppers were honoured with the SAU Gold Medal by the Chief Guest.

Ambassador Upadhayay, while congratulating the graduating students, also made an appeal to them to use their 'wisdom and enthusiasm to embrace the responsibility to build a prosperous South Asia'. The region is not just about poverty and backwardness; the potential and determination of the nations of the regions was remarkable and needed to be exploited, he added.

In his speech, Mr. MJ Akbar said that history could not be changed but the future could be. For South Asia, if the nineteenth century was the century of dreams and struggle and the twentieth century was the century of hope, though riddled with havoc, the twenty-first will be the century of fulfilment. While stressing upon the important role that teachers play in shaping the future





of a generation, he said the opposite of destruction was not necessarily creation, it could also be instruction. The South Asian region is entering an age of opportunity and the young minds of the region should seek to move their nations towards modernity – modern nations with freedom of expression, freedom of faith, gender equality as well as academic, social, political and economic equity, he added.

In her welcome speech, Dr Kavita Sharma, President of SAU informed the audience about the construction of the permanent campus of SAU on a 100 acre plot of land in Maidan Garhi in South Delhi, now moving at a smart pace. The University, poised to enter its second phase after incorporating the recommendations of the Detailed Academic Planning Committee that was constituted by the Governing Board of SAU, would ideally move to this permanent campus with the arrival of the second phase, she hoped. Mr. Amjad Hussain B Sial, the SAARC Secretary General, congratulated the graduating students of the South Asian University and acknowledged that SAU is possibly the most successful project of the regional body.

He also expressed the hope that these students would play an important role in the future of the region.

### South Asian University Foundation Day Celebrations

Colourful rangolis. An air of festivity. Aroma of the delectable kind. South Asian University celebrated its first Foundation Day on 7 March 2017 with a variety of events. The day marks the transition of the university from the project mode to a full-fledged university. This was also the day in 2011 when the first Governing Board meeting was held after the university came into being. The day-long celebrations saw vibrant shades of South Asia reflected in the activities, which kick-started with the inaugural programme in the morning when students, faculty members and official staff gathered in the SAU lawns. Dr Kavita Sharma, President SAU, in her inaugural speech recollected how the idea of celebrating the SAU Foundation Day was conceptualised. She also traced the genesis of the university in her speech. While complimenting the students on organising the event, she

said that the idea of a borderless South Asia as depicted in one of the wall installations done by the students, should be an inspiration for the politicians and policy makers of the region. She said that despite the complexities involved in getting the construction started, her priority would continue to be the completion of the construction of the permanent campus, which is going on at full swing in Maidan Garhi. She hoped that by the end of 2018, the first set of buildings would be complete.

Prof. Santosh Panda congratulated the students on organising the first ever SAU Foundation Day and said this event will be celebrated every year and will always be a student-led event. Sariful Islam, the event co-ordinator, expressed gratitude to the management of the university for conceptualising the event and said the current batch of students were lucky to have been the batch that initiated the celebration of SAU Foundation Day.

Later in the day, a photo exhibition was inaugurated by Dr Kavita Sharma. The theme of the exhibition was "Everyday Life @SAU" and 10 photographs handpicked

from numerous entries were exhibited. The South Asian Food Festival that followed after the inauguration of the photo exhibition ensured that life at South Asian University on this particular day was going to be pleasantly different. Food items of all hues and taste from the eight SAARC countries were on offer, prepared with noticeable passion by the students. With such delectable choices like the Afghani Aashaks (momos), Kabuli Pulav, Mama Haleem, Hilsa Palao, Bhatmas Sadheko, Chicken Choila, Bhutanese Red Rice, Eza, Chapali Kabab, Sindh Biryani, Tuna and Chapati, Bati Chokha and Milk Rice, not to mention the aroma that complemented the air of festivity all around, everyone including the students, faculty, official staff and guests from high commissions and embassies were in for a delightful treat. Winding up the day and the celebrations in style, the students put up an inspired cultural event replete with music, dance and poetry recitation. The prizes to the winners of the competitive activities during the Hostel Fest were also given away by Dr Kavita Sharma. In all, it was a near-perfect celebration of the first ever SAU Foundation Day.



### SAU Entrance Test Held Across SAARC Region

The entrance test to induct the eighth batch of students into the South Asian University was held on 9 April 2017 across 23 centres in the eight SAARC countries. The programmes for which the test was conducted are Masters and PhD programmes in Applied Mathematics, Biotechnology, Computer Science, Economics, Legal Studies, International Relations and Sociology. The university received 7188 applications against the 238 seats on offer. In other words, 30 candidates were vying for each seat. Applications were received exclusively through online submission on the university website.

The South Asian University reserves seats for each member nation. As per the agreed system, not more than 50% of students can be from India while Pakistan and Bangladesh have 10% of the total seats and the remaining countries, i.e. Afghanistan, Bhutan, Maldives, Nepal and Sri Lanka have 4% each. The number of candidates who applied from India were 5875 while those from Bangladesh were 236, Afghanistan 854, Nepal 104, Pakistan 86, Bhutan 30, Sri Lanka 22 and Maldives 5.

The entrance test was OMR (optical mark recognition) based for all the programmes except for International Relations, Economics and Sociology, which also required descriptive answers. The PhD paper in Sociology required only descriptive answers. While candidates were shortlisted and offered admission based on their performance in the test for the Masters programmes, PhD aspirants had to submit a research proposal and also face a personal interview. The new session began from 29 July 2017.

### SAU Orientation Programme 2017

New places and new experiences help people find new perspectives. The newly inducted students of the 2017 batch, who joined SAU with much enthusiasm, got a warm welcome at the university-organised Orientation Programme in the campus on 1 August 2017.

Dr Kavita Sharma, President SAU, while welcoming the freshmen talked about the background of the university and how the university is a great platform for exchanging ideas, holding academic discussions, developing a broader outlook and for cultural exchanges. She informed the students about the many alumni of SAU who are

playing significant roles in their respective countries. In his welcoming speech, Prof. Santosh Panda, Vice President SAU, talked about some of the distinguishing features of the University. He congratulated the students for having outdone numerous other aspiring students to be in SAU. He said all students who pass out from SAU are the brand ambassadors of the University. He hoped that they would do well in their chosen fields and do the University proud. That is how institutions are built, he opined.

Vice President Prof Sasanka Perera welcomed the students and talked about the visa challenges that the university has been facing. He encouraged the students to play an active role in making the university a vibrant space by being part of creative activities. He talked about the rich experiences one can absorb while being in the university and suggested that students should take back much more than their degrees. University officials including the Proctor, Hostel Wardens, Assistant Dean Students and the Medical Officer briefed the students about their rights and responsibilities - hostel rules, student societies, disciplinary guidelines, policies on sexual harassment, medical rules and health insurance.

Prizes for an activity held earlier where the freshmen were asked to list three things they wished to take back with them after their two year stint in SAU were also distributed by the President. Later, the students participated in a group art activity called Artologue where they jointly painted. The activity was conducted by art practitioners Jey Sushil and Meenakshi Jey.

### Gender Sensitization Committee Orientation

An Orientation Programme on SAU's bylaws and policies against Sexual Harassment was organised by the SAU Gender Sensitization Committee on 22 August 2017. Chaired by Prof. Syed Ahsan, the Chairperson of the GSC, the members of the committee dwelt upon the various aspects of rules and guidelines concerning sexual harassment. Dr Deepa Sinha talked about the myths and facts of gender sensitization while Dr Shweta Singh discussed matters relating to gender violence. Dr Prabhaskar Ranjan spoke about the contours of sexual harassment, SAU Bylaws and the functions of the GSC. The event was attended by students, faculty and the professional staff and concluded with a well participated Q&A session.

# SAARC Charter Day Celebrations

The 33rd SAARC Charter Day was celebrated at the South Asian University with eminent lawyer and former Foreign Minister of Bangladesh Dr Kamal Hossain as the Chief Guest. The university has been observing this occasion which marks the day when the regional body came into being after the member states signed the charter in 1985. The theme for this year's celebration was "Human Rights Discourse in South Asia".

In his keynote address Dr Hossain said, "We can draw upon our national experiences to trace how international human rights were embedded in our struggles for independence and became integral to our aspirations for democracy and development." He talked about the Universal Declaration of Human Rights and how it provided insights for all peoples and nations to promote

and respect our rights and freedoms. He also discussed the various interpretations of fundamental rights and directive principles in the South Asian nations. The right to shelter and the rights of the marginalised were some of the other topics he spoke about.

"The challenge for lawyers in South Asia is to evolve a fresh approach to activism which can truly keep human life human and safeguard that most precious right of all - the right to life", he added while also appealing to legal practitioners and academicians to continue to make critical contributions.

Dr Kavita Sharma, President, South Asian University, spoke about how the South Asian University embodies the idea of regional cooperation in more ways than one.





She also updated the audience about the construction of the permanent campus of the university which is going on at Maidan Garhi, New Delhi.

This was followed by a panel discussion on "Human Rights Discourse in South Asia". Prof Savitri Goonesekere, former VC of The University of Colombo, Justice Kalyan Shrestha, former Chief Justice, Supreme Court of Nepal and Ms Hameeda Hossain, prominent Bangladeshi human rights activist and academic were the panellists and Dr Ravindra Pratap, Associate Dean of Faculty of Legal Studies, South Asian University was the moderator. The panel discussion dwelt on important matters such as an overview of human rights in the South Asian region; the role citizens

and civil society need to play to safeguard human rights; the necessity for a human rights charter for South Asia; the co-relation between human rights and social and economic rights and the need to sharpen mechanisms to protect human rights. The panel discussion was followed by a lively question and answer session with the panelists. Ms Aminath Eenas, President, Human Rights Commission of the Maldives, was also supposed to take part in the panel discussion but could not do so due to a personal emergency which required her to return home on the day of the event. Two short films were also screened as part of the celebrations – *Khaleel Khan Ke Faaktey* directed by Rizwan Siddiqui from India and *News From Jaffna* directed by Kannan Arunasalam from Sri Lanka.



# SAU Gallery

## Welcome Exhibition

An exhibition titled 'Moments in a Journey' was put up at the SAU Gallery to welcome the newly inducted batch of 2017. The exhibition showcased 30 photographs depicting various aspects of SAU "to give some idea of our progress over the last five years". The pictorial narrative, capturing selected moments frozen in time, gave more attention to student life than the academic or intellectual initiatives in the region.

## Maithili Paintings

An Exhibition of Contemporary Maithili Paintings was on

display from 22 May 2017 to 26 May 2017. The exhibiting artists were Shakuntla Jha, Hira Karna and Banarshi Pandit from Janakpur in Nepal. The exhibition was inaugurated by Dr. Kavita A Sharma, President, SAU. Maithili painting, also known as Mithila or Madhubani painting, is a traditional art form practised in the Mithila region of India and Nepal. Known for its stunning geometric patterns and bright colours, Maithili art typically features mythological motifs. Some of the artworks presented were distinct in their use of contemporary motifs in addition to traditional ones.





# Admissions

The process of admission for the academic session 2017-18 at the South Asian University began with the launching of a multimedia campaign and an announcement in major newspapers of all the SAARC countries, FM radio stations and select TV channels. Exhaustive information detailing the admission process, eligibility criteria, feedback mechanism, details of admission volunteers and other related information was uploaded on the University website. Candidates can comfortably register and apply online from anywhere in the world. Admit cards for the entrance test were dispatched to the eligible applicants by email. A common entrance test was conducted simultaneously in 8 SAARC countries on 9 April 2017. One test centre each was set up in Afghanistan (Kabul), Bhutan (Thimphu), Maldives (Male), Nepal (Kathmandu) and Sri Lanka (Colombo) while two centres each were set up in Bangladesh (Dhaka & Chittagong) and Pakistan (Karachi & Lahore). Considering the large number of candidates and the wide geographical spread, 13 test centres were set up in different cities in India viz. Bangalore, Chandigarh, Chennai, Delhi, Guwahati, Hyderabad, Jaipur, Kolkata, Lucknow, Mumbai and Patna. Most SAARC Member States had appointed/nominated Nodal Officers to help and interact with SAU on all matters related to the conduct of the common entrance test. The University received

full cooperation from the Nodal Officers in each Member State. Since Pakistan did not appoint a Nodal Officer, the University had to make private arrangements at the Information Technology University in Lahore and the Federal Urdu University of Arts, Sciences and Technology in Karachi. A total number of 7188 candidates applied for the programmes on offer. Of these, 5087 appeared in the entrance test. Offers of admission were sent to 451 candidates out of which 196 finally joined. South Asian University strictly follows a recommended quota system to ensure representation of students from all the Members States of SAARC. Merit lists are prepared country-wise and the competition is only amongst candidates within each country. Seats left unfilled for any country are filled by students from other countries, as per SAU rules.

## Country-wise quota for students from SAARC Countries:

- India 50%
- Pakistan 10%
- Bhutan 4%
- Nepal 4%
- Countries outside SAARC 10%
- Bangladesh 10%
- Afghanistan 4%
- Maldives 4%
- Sri Lanka 4%



**Statement showing the number of students who applied, offered admission and who finally joined different Masters Level courses during the Academic Year 2017-18**

Country/ Programmes	MA (Dev. Economics )			MA (Int'l Relations)			MA (Sociology)			LLM (Master of Laws)			MSc (Biotechnology)			MSc (Computer Science)			MSc Applied Mathematics			Total		
	2017-18			2017-18			2017-18			2017-18			2017-18			2017-18			2017-18			2017-18		
	Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates		
Academic Yr	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined
Afghanistan	213	11	9	178	2	2	61	2	2	31	2	2	40	5	3	182	8	7	64	9	7	769	39	32
Bangladesh	18	3	2	43	4	3	17	6	4	43	10	6	26	7	5	37	5	2	6	3	2	190	38	24
Bhutan	1	0	0	5	2	2	7	4	4	0	0	0	2	2	1	5	0	1	9	4	4	29	12	12
Maldives	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	1	1	0	3	3	0
Nepal	14	4	3	14	3	3	6	2	2	6	2	1	15	10	2	15	3	1	1	1	1	71	25	13
Pakistan	3	1	0	12	3	0	4	0	0	7	5	0	10	1	0	18	5	0	4	0	0	58	15	0
Sri Lanka	2	0	0	2	2	2	4	2	2	4	0	0	1	1	0	2	1	1	0	0	0	15	6	5
<b>Total above</b>	<b>251</b>	<b>19</b>	<b>14</b>	<b>254</b>	<b>16</b>	<b>12</b>	<b>100</b>	<b>17</b>	<b>14</b>	<b>92</b>	<b>20</b>	<b>9</b>	<b>34</b>	<b>26</b>	<b>11</b>	<b>259</b>	<b>22</b>	<b>12</b>	<b>85</b>	<b>18</b>	<b>14</b>	<b>1135</b>	<b>138</b>	<b>86</b>
India	1282	56	10	1131	28	12	316	40	10	422	22	15	490	61	10	159	48	13	522	29	13	4322	284	83
Others	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
<b>Total</b>	<b>1534</b>	<b>75</b>	<b>24</b>	<b>1385</b>	<b>44</b>	<b>24</b>	<b>417</b>	<b>57</b>	<b>24</b>	<b>514</b>	<b>42</b>	<b>24</b>	<b>584</b>	<b>87</b>	<b>21</b>	<b>418</b>	<b>70</b>	<b>25</b>	<b>607</b>	<b>47</b>	<b>27</b>	<b>5459</b>	<b>422</b>	<b>169</b>

**Statement showing the number of students who applied, offered and joined admission and who finally joined different Doctoral Level courses during the Academic Year 2016-17.**

Country/ Programmes	MPhil/PhD (Economics)			MPhil/ PhD (Int'l Relations)			MPhil/PhD (Sociology)			MPhil/PhD (Legal Studies)			MPhil/PhD (Biotechnology)			MPhil/PhD (Computer Science)			MPhil/PhD Applied (Mathematics)			Total		
	2017-18			2017-18			2017-18			2017-18			2017-18			2017-18			2017-18			2017-18		
	Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates		
Academic Yr	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined
Afghanistan	12	1	1	18	0	0	7	0	0	4	1	1	7	0	0	9	2	1	1	0	0	58	4	3
Bangladesh	7	1	0	5	1	1	3	0	0	11	1	1	10	1	1	6	0	0	4	1	1	46	5	4
Bhutan	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Maldives	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0
Nepal	3	0	0	11	1	1	8	1	1	0	0	0	8	0	1	2	1	1	1	1	1	33	4	5
Pakistan	4	0	0	4	0	0	8	0	0	2	0	0	4	0	0	5	0	0	1	0	0	28	0	0
Sri Lanka	1	0	0	1	0	0	3	1	1	0	0	0	2	0	0	0	0	0	0	0	0	7	1	1
<b>Total above</b>	<b>29</b>	<b>2</b>	<b>1</b>	<b>39</b>	<b>2</b>	<b>2</b>	<b>29</b>	<b>2</b>	<b>2</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>32</b>	<b>1</b>	<b>2</b>	<b>22</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>175</b>	<b>14</b>	<b>13</b>
India	138	2	2	232	2	2	174	2	2	55	2	2	511	2	2	154	2	2	289	3	2	1553	15	14
Others	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<b>Total</b>	<b>167</b>	<b>4</b>	<b>3</b>	<b>271</b>	<b>4</b>	<b>4</b>	<b>204</b>	<b>4</b>	<b>4</b>	<b>72</b>	<b>4</b>	<b>4</b>	<b>543</b>	<b>3</b>	<b>4</b>	<b>176</b>	<b>5</b>	<b>4</b>	<b>296</b>	<b>5</b>	<b>4</b>	<b>1729</b>	<b>29</b>	<b>27</b>

**Comparison of Admitted Students Year Wise - 2016 and 2017**

Country	All Masters Admissions	
	Admitted in 2016	Admitted in 2017
Afghanistan	26	32
Bangladesh	19	24
Bhutan	7	12
Maldives	0	0
Nepal	12	13
Pakistan	6	0
Sri Lanka	2	5
<b>Total above</b>	<b>72</b>	<b>86</b>
India	123	83
Others	2	0
<b>Total</b>	<b>197</b>	<b>169</b>

**Comparison of Admitted Students Year Wise - 2016 and 2017**

Country	All Doctoral Admissions	
	Admitted in 2016	Admitted in 2016
Afghanistan	4	3
Bangladesh	6	4
Bhutan	0	0
Maldives	0	0
Nepal	6	5
Pakistan	1	0
Sri Lanka	1	1
<b>Total above</b>	<b>18</b>	<b>13</b>
India	30	14
Others	0	0
<b>Total</b>	<b>48</b>	<b>27</b>



# Scholarships/Freeships

SAU is committed to awarding Scholarships/Freeships to needy and deserving students. The following Scholarships/Freeships were made available to students admitted to SAU in the Academic Session 2017-18:

**a) President's Scholarships (For MA/MSc and LLM students only):** Two scholarships were offered for each academic programme this year: one to the student scoring the highest marks in the Entrance Test in the Indian list and the other to the student scoring the highest marks in the non-Indian list (South Asian countries other than India) who finally joins the University. The scholarship comprises: Tuition fee waiver + Hostel fee waiver (if applicable) + INR 7,000 per month as living allowance. Awardees also receive an amount of INR 10,000 (in respect of non-Indian Students) and Rupees 5,000 (in respect of Indian students) as a "Start-up Allowance" at the beginning of their tenure so as to help meet part of their inbound travel cost and book purchases etc, and as a "Pack-up Allowance" at the end to cover their outbound travel and excess baggage cost respectively.

The continuation of the President's Scholarships for the subsequent year is subject to good conduct and

the recipients obtaining the highest CGPA in the Indian and non-Indian (South Asian countries other than India) lists, which must, however, not be below 6 CGPA at the end of the 2nd semester.

**b) SAARC India Silver Jubilee Scholarships for Master's and MPhil/PhD Programmes:** SAARC-India Silver Jubilee Scholarships (SJS), instituted by the Government of India, are offered for Master's and Doctoral level studies to meritorious students coming from the Least Developed Countries (LDCs) of the region i.e., Afghanistan, Bangladesh, Bhutan, Maldives and Nepal. This Scholarship includes full Tuition Fee waiver + Hostel Fee waiver + living allowance of INR 7,000 per month (Master's level programmes) or INR 25,000 per month (PhD programmes). Awardees also receive an amount of Rupees 10,000 as a "Start-up Allowance" at the beginning of their tenure so as to help meet part of their inbound travel cost and book purchases etc, and as a "Pack-up Allowance" at the end to cover their outbound travel and extra baggage cost respectively.

SJS Scholarships are awarded to students from the LDCs scoring the highest marks in the Entrance Test. Students from India, Pakistan and Sri Lanka are not eligible for the Silver Jubilee Scholarships.





The continuation of the SJS for the subsequent year is subject to good conduct and recipients maintaining their meritorious positions at the end of the 2nd semester, which, however must not fall below a CGPA of 6 (for Master's Students) 6.5 (for PhD students).

**c) SAU Merit Scholarships (For MA/MSc and LLM students only):** Ten scholarships were awarded in each academic programme during the academic year: five to the next highest scoring students in the Indian list and five to the next highest scoring students in the non-Indian (South Asian countries other than India) list in the Entrance Test, after the award of the SJS and Presidents Scholarships, who finally join the University. The scholarship comprises: Tuition fee waiver + Hostel fee waiver (if applicable) + INR 5,000 per month as living allowance.

The continuation of the SAU Merit Scholarship for the subsequent year is subject to good conduct and recipients maintaining their meritorious positions at the end of the 2nd semester, obtaining a CGPA not below 5.5.

**d) SAU Freeships (For MA/MSc and LLM students only):** As per SAU mandate, no student will be denied admission to the University because s/he cannot pay the fees. Therefore, SAU provides free education to such students by waiving the tuition and hostel fee (if applicable). No additional support for living expenses is provided.

The continuation of freeships for the subsequent year is subject to good conduct and obtaining a CGPA of 5 or above at the end of the 2nd semester.

**e) SAU Tuition Fee Waiver for PhD Students:** All PhD students receive a tuition fee waiver.

**f) Financial Support from SAU for PhD Programmes:** Financial support for PhD students of INR 25,000 per month is awarded to students not receiving any kind of scholarship/sponsorship or JRF support from agencies like UGC/CSIR/DBT/ICMR etc. or similar agencies in other SAARC countries.

However, the continuation of SAU Financial Support in subsequent years is subject to good conduct and satisfactory performance.

**Duration of Scholarships/Freeships:** In all cases, scholarships and freeships are granted for one year. They are extended in subsequent year(s) subject to satisfactory academic performance, maintenance of hostel/university discipline and good conduct, to be reviewed at the end of the first year. All recipients of scholarships and freeships must therefore be regular in attending classes and make full efforts to sustain and improve their academic performance. The maximum duration of SAU PhD scholarship is 5 years.

First year scholarships cover the summer vacation period at the end of the first two semesters. Scholarships for June and July to continuing students are disbursed at the end of July, after they re-join the University. In the second year of all Master's level programmes, scholarships and freeships cease at the end of the academic session i.e. end of May 2017 and do not cover the summer vacation period at the end of the second year.

**PhD fellowships from external agencies:** PhD students who have qualified for JRF support from agencies like the Indian UGC/CSIR/DBT and ICMR, avail the fellowship as per the terms and conditions of the granting agencies. However, if they receive fees and hostel allowances, these are recovered from them to the extent of their allowance.

#### Details of Scholarships/Freeships Disbursed:

For the academic year 2017-18, President's Scholarships were awarded to twenty eight Master's students, 3 from Afghanistan, 4 from Bangladesh, 6 from Nepal, 1 from Sri Lanka and 7 from India. Full scholarships under the Silver Jubilee Scholarships were awarded to 75 Master's students from the Least Developed Countries, while 122 SAU Merit Scholarships was awarded to Master's students which includes 25 from Afghanistan, 13 from Bangladesh, 3 from Bhutan, 1 from Nepal, 4 from Pakistan, 5 from Sri Lanka each and 71 from India. Master's students were granted SAU Financial Support with the quantum of financial support ranging from INR 67,000 to INR 103,000 per year.

SAU Freeships with stipend were awarded to 7 Indian students and without stipend to 3 Afghan, 5 Bhutanese, 26 Indians students respectively. Likewise, 141 Doctoral students were awarded scholarships of which 25 were

Silver Jubilee Scholarships awarded to students from the Least Developed Countries were as follows: 6 from Afghanistan, 5 from Bangladesh, 1 from Bhutan and 13 from Nepal. SAU Financial Support was awarded to 4 students from Afghanistan, 13 from Bangladesh, 14 from Nepal, 2 from Pakistan, 3 from Sri Lanka and 80 from India. 119 students received an amount of INR 3,58,960 per year each under the SAU Financial Support.

#### Annual Worth of Scholarships/Freeships Awarded:

**President's Scholarship** to Master's programmes: INR 161,000 (Non- Indian students);

INR 156,000 (Indian Students)

#### SAARC Silver Jubilee Scholarship

Master's programmes: INR 161,000

Doctoral programmes: INR 377,000

**SAU Merit Scholarship:** INR 127,000

Doctoral Students Full Tuition fee waiver and Living allowance: INR 358,960

**SAU Freeships with stipend:** INR 103,000

**SAU Freeship without stipend:** INR 67,000



# SAU Gold Medal

The University awarded Gold Medals along with Merit Certificates to programme toppers of the academic batch 2015 – 2017. Listed below are the Gold Medalists.

Name of Student	Programme
Rashika Arora	M.A. Development Economics
Gagandeep Singh	M.Sc. Biotechnology
Farheen Ahmad	Master of Laws
Anmolam	
Binit Gurung	M.A. Sociology
Taniya Seth	M.Sc. Computer Science
Ashish Kumar	M.A. International Relations
Anmol Arora	M.Sc. Applied Mathematics
Saumya Sharma	



# SAU Distinguished Lecture Series

SAU Distinguished Lecture Series is a lecture series that features noted academicians, subject experts, leaders, heads of organisations, ambassadors and eminent personalities representing various fields of knowledge. This year's lectures included the following.

Sl.	Speaker	Topic	Date
1	<b>Dr. Richard H. Meadow</b> Director Zooarchaeology Laboratory at the Peabody Museum) Harvard University	Changing Views on the Indus Civilization of South Asia	13.01.2017
2	<b>Prof. Li Wei An</b> President Tianjin University of Finance and Economics Tianjin, China	University Governance in China	08.03.2017
3	<b>Prof. Jayadeva Uyangoda</b> Emeritus Professor, University of Colombo, Sri Lanka	'A Nice Man' and 'A Prince Among Men' Friendship and Competition between Two South Asian Cultural Leaders Anagarika Dharmapala and Swami Vivekananda	04.08.2017
4	<b>Mr. Deep Kumar Upadhyay</b> Ambassador Extraordinary and Plenipotentiary of Nepal to the Republic of India	Revisiting South Asia: Some Practical Steps Towards Fostering a Shared Regional Consciousness	18.08.2017





# Student Activities

## Concert and Lecture by Moushumi Bhowmik

Renowned Bengali singer, writer and researcher Moushumi Bhowmik was invited to perform in SAU on 3 March 2017, which was attended by people from across the city of Delhi. Moushumi Bhowmik was joined by Harpreet on the guitar. She started the program with a video of her new album 'Songs from 26H' after which she performed various numbers including *Pakhir Danay*, *Gaach*, *Anonno*, *Pakhi Ure Jay Kothay* and *Jessore Road*. The two musicians created music almost spontaneously and improvised on a number created out of a poem by Avtar Singh and Moushumi's own lyrics *Na Phota Sontan Or Ghaas* which left the audience spellbound. The final piece of the evening was one of Moushumi's most popular numbers *Swapno Dekhbo Bole*, on which the audience sang along with her throughout. Moushumi also delivered two lectures: 'Musical Flows Across Borders' (6th March) and 'Exploring Arnold Bake's

Recordings from the Subcontinent' (7th March). The programme was coordinated by Dr Ravi Kumar from the Department of Sociology.

## Hostel Fest – SAU Utsav Reloaded 2.0

The students of the University organized a four day hostel festival titled SAU Utsav Reloaded 2.0 from 16 to 19 February 2017. Cultural and sporting activities were the mainstay of the fest. Students competed in various sporting events that included Football, Cricket, Marathon, Tug of War, Badminton, Table Tennis, Carrom and Chess. Competitions were also held for Dance, Rangoli, Face Painting, Antakshri, Music and Skits. The festival kickstarted with a bang with the popular band Traffic Jam belting out popular sing-along numbers one after another. The prizes to the winners of the Hostel Fest competitions were given away on the SAU Foundation Day on 7 March 2017.



## CULTURAL ACTIVITIES

### International Mother Language Day

The cultural committee of the University, taking forward the continuing tradition, enthusiastically organized the International Mother Language Day on 21st February, and highlighted the linguistic and cultural richness of the region of South Asia. Students from different cultural backgrounds presented cultural pieces in their mother tongues.

### Sports Tournaments

The Sports Committee organized various inter-department sports tournaments. During the Hostel Festival, students participated in various sporting events including Football, Cricket, Marathon, Badminton, Table Tennis, Carrom and Chess.



# Student Facilities & Services

## Hostel And Sports Facilities

South Asian University provides hostel accommodation to its students on a sharing basis. Students from outside India and Delhi NCR are given preference. The hostels, separate for boys and girls, are located inside Akbar Bhawan across four floors and currently house 105 female and 284 male residents. An entire floor is dedicated to accommodating MPhil/PhD students.

## Healthcare Facilities

The Health Centre provides healthcare and wellness services to all and is open from 8:30 in the morning to 4:00 in the evening from Monday to Friday, and from 10 a.m. to 2 p.m. on Saturdays. In an emergency students are free to visit the nearby empanelled private hospitals or any Government hospital. The health centre focuses on treatment and prevention of common health issues by being proactive with early diagnosis and treatment. The health centre has basic First Aid services and any

emergency is taken care of immediately and then, if required, referred to nearby hospitals for further management. SAU also caters to mental health issues and has a well qualified Psychologist who visits the South Asian University on Mondays, Wednesdays and Fridays. This has really helped students cope with their personal, academic and interpersonal issues very well. If required students are also referred to specialists in this regard.

The university has made provision for lab services from 9:30 a.m. to 12:30 p.m., which is outsourced.

All students are covered under the Star Health Insurance policy for inpatient (hospitalisation) purposes.

The OPD attendance in the year 2017 was 2788 as compared to 2447 in 2016. There were few admissions to hospitals in 2017 as most cases were managed in the Health Centre. The Health Centre issues circulars regularly regarding preventive measures for ongoing seasonal diseases and to prevent mosquito breeding in the campus.

# Prof. G. K. Chadha Library

The University Library was established to fulfil the academic and research needs of the students and the staff of the South Asian University. The current library spreads over a total area of 4500 square feet. The library functions seven days a week from 9:00 a.m. to midnight. The reading rooms on the Mezzanine Floor and 8th Floor are open round the clock.

## Library Collections

The library has text and reference books and journals covering all subject areas taught at the South Asian University. Library resources include around 13,800 volumes of books, 408 e-books, 6917 e-journals, 11 print journals, 14 databases, 28 CD/DVDs, newspapers, magazines and encyclopaedia.

## Services

The library provides a broad range of services that includes Circulation (Lending Service), Access to Physical and Virtual Bookshelf, Online Public Access Catalogue

(OPAC) with Library 2.0, Current Awareness Service (CAS), Full-text Journals, Online Databases, Integrated Search Facility, Inter-Library Loan through DELNET and Reference.

## Off-campus Access

Prof. G. K. Chadha Library provides off-campus access to subscribed electronic resources through EZproxy. All valid library members can avail this service using their library user id and password.

## Cyber Centre

There is a cyber centre available inside the library with a capacity of 14 workstations. Library members can access electronic resources through these workstations.

## Integrated Search Facility

Prof. G. K. Chadha Library provides the Summon Discovery System (<http://southasianuniversity.summon.serialssolutions.com>) provided by the ProQuest to its users:

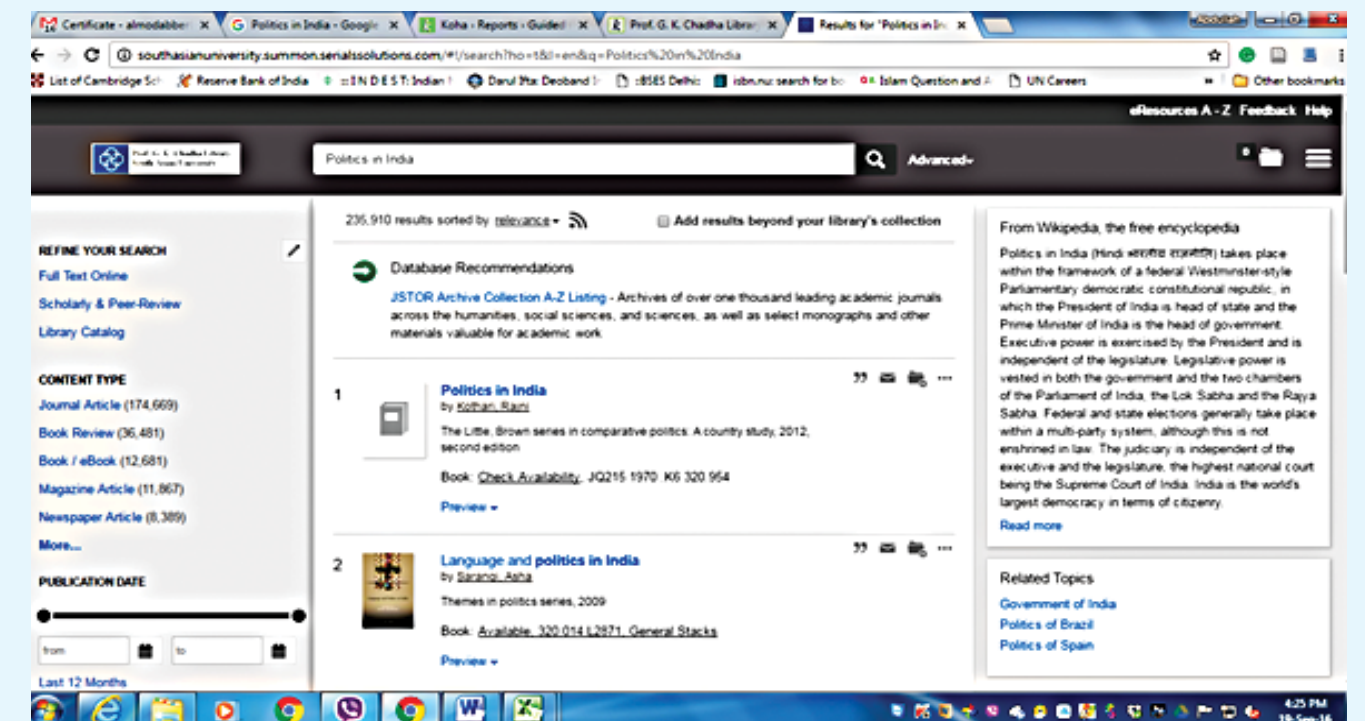




Photo: Screenshot of DELNET website

### Inter-Library Loan

The University Library is a member of DelNet (Developing Library Network), therefore Library members can send their loan request for a book from member institutions from India, Sri Lanka, Nepal, and Pakistan through the Inter-Library Loan service of the DelNet.

### Integrated Library System (Koha)

The University Library uses Integrated Library System Koha (<http://library.sau.ac.in>) that extends its Library 2.0 technology facilities to patrons. Patrons can search for physical holdings, customise their user profile, subscribe to the RSS feed, get notified by auto email, hold or reserve an item, create their private/public book list, share an item list, comment, tag, rate any item, look into their search history, view most popular books, check borrower status, link with online social network, etc. using this system.

### Events organised by the Library

**30.03.2017:** User Orientation for LLM Students.

**12.05.2017:** A presentation on Web of Science (a scientific citation indexing service).

**16.08.2017:** General user orientation programme

**22.09.2017:** Special ProQuest user interaction program for Faculty Members

**27.09.2017:** User Awareness Session on Electronic Resources subscribed from Springer Nature.

**Book Exhibition:** Library also organised a number of book exhibition through the year.

### Acquisition in 2017

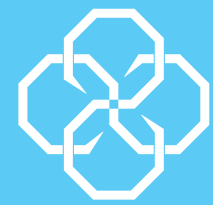
**Books:** 351 volumes worth approx. INR 7.72 lakh

Donation/Gift books 593 volumes

CD-ROM	04 value approx. INR 5.53 lakh
Subscription:	
e-Journals	6917
e-Databases	21
Print Journals	07
Cost	Approx. INR 3.5 crore

### Library Statistics:

Library Site Analytics	Users 5,764
Page Views	34,968
Countries	89
Usage of eResources approx	70,000 downloads or hit
Circulation of Books:	30-35 per day
Usage of Books:	48% of total collection
Usage of books inside the library	200 per day
Accessed by Registered Users:	80 per day
Accessed by Guest Users:	700 approx.
New Patrons:	191
Current Library System	Koha version 3.22.08.000
Total number of PCs	05
Workstations at Cyber Centre	14
CCTV Cameras	10
Number of bookshelves	27 (double sided)
Classification System	Dewey Decimal Classification 23rd edition
Subject Headings	Library of Congress Subject Headings
Cataloguing Rules	Anglo-American Cataloguing Rules 2
Library Professionals	04
Number of seats in the Library	81
Number of seats in Reading Rooms	34
Cubicles for PhD students	104



# Campus Construction

Thimphu, Bhutan

# Campus Construction

After completion of Package-I, (Boundary Wall and Site Office) in Jan 2016, the work of Package-II, 5 Nos. of Buildings (Faculty of Life Science and Earth Science, 3 blocks of Staff Housing, Faculty Club & Guest House and Guard House no.2) was awarded in May 2016 to M/s ACIL at a cost of Rs 401.58 crore. The work is likely to be completed by December 2018. The structural work of two basements and six stories above ground level has been completed in LS & ES. Similarly, the structural work of two basements and eight stories above ground level has been completed in two housing blocks. Block work on walls, plaster and flooring etc. is also in progress at site. The work in faculty and staff housing block F4 could not start before Dec 17, as the land was under litigation.

After the ground breaking ceremony held on 12th February 2017, the work also started under Package-III: 7 Nos. of Buildings (Administration building, Library, Institute of South Asian Studies, Faculty of Law and Humanities, Faculty of Physics, Chemistry, IT and Mathematics, Faculty of Art and Design and the Convention Center as well as utility buildings) including external development of the site and landscaping. These buildings are being

constructed by M/s SPCL for an amount of 588.89 crore with a completion target of January 2020. The structural work of the utility building is 80% complete. Structure of basements of Admn building, Art Design & Convention Centre, Physics Chemistry & Math and Law & Humanity are also complete.

All the remaining buildings which are to come upon encumbered land has been planned under Package-IV and shall be taken up later after resolving the issues with the concerned authorities in the year 2018. Much progress has been made in land pockets belonging to the forest and geo-morphological ridge. However 12 cases are still pending in various courts, which are being perused with LAC, DDA and MEA.

## “Five Star” Griha LD V2c Master Plan For SAU

The South Asian University bagged the much coveted “Five Star” Griha LD V2c Master Plan rating for its permanent campus project at Maidan Garhi. The award was conferred at the GRIHA Annual Summit held on 19 December 2017 at India Habitat Centre, New Delhi.

GRIHA LD rating is awarded for efforts to conserve the environment during the construction and operation stages of the project. The certification is based on a variety of environment friendly practices to be followed regarding Site Planning, Water Strategy, Energy Efficiency, Waste Handling Strategy, Social Impact and Transportation Planning. Projects are judged on the impact these five categories will have on the environment. A five star rating is the highest possible level.

From its inception, the South Asian University has considered the environment as one of the most important aspects of its project and accordingly various environment-friendly features have been incorporated in the design as well as in the construction of the campus. Some of the key features include a passive architectural design which will have minimal heat gain. Air conditioning and lighting systems are designed to have low energy

consumption. Solar P.V. panels will generate electricity on site. Low flow fitting fixtures reduce water demand and water is recycled and reused. Rainwater harvesting is also planned. Because of their initiatives, the South Asian University achieved an impact score of 32.1% and thus reached the topmost certification level of five star. This is an exceptional achievement by the University.

## Project site Visit by the Members of the Governing Board of South Asian University,

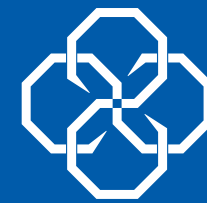
Some Members of the Governing Board, visited the construction site at Maidangarhi on 18 Dec 2017. They also inspected the sample flat for the Faculty & Staff Housing and praised the quality of work and the progress made during the last year. A presentation regarding the ongoing building was also made. Members applauded the efforts of the university and the construction team.



University officials inspecting the campus construction site



A view of the on-going construction of the campus buildings



# Faculty of Economics

*New Delhi, India*

# Faculty of Economics

The third edition of the international conference on South Asian Economic Development was held on 23-24 February 2017 and focused on the developmental challenges facing South Asia. It also delved into the methodological advances in economic theory and empirics to provide a deeper understanding of the development process in the region. The two-day conference comprised eight technical sessions, where 24 research papers, selected from more than 200 submissions, were presented by scholars from around South Asia. The inaugural address of the conference was delivered by Prof. T.C.A. Anant, Chief Statistician of India and Secretary, MOSPI, GOI, who elaborated on the idea of sustainable development goals and their specificities in the South Asian context. Dr. Min B. Shrestha, Vice Chairman, National Planning Commission, Government of Nepal delivered the keynote address on 'Reversing the Flow of International Migration for Global Growth and Prosperity'. The plenary speaker, Prof. S. Subramanian, ICSSR National Fellow, Madras Institute of Development Studies, spoke on measuring inequality and poverty in South Asia and its implications for policy making, while Prof. Ramesh Chand, Member, NITI Aayog, delivered the valedictory address focusing on the emerging trends in rural and agricultural economy.

The faculty organized an Alumni Meet immediately after the international conference. Many of our students

are well placed with jobs in the corporate sector or in Government and some are pursuing Ph.D. in India while some have gone abroad. The meet was a great success, facilitating a connection between current students and those who have passed out.

The Faculty has an active weekly seminar series in which speakers from established research institutes or universities in the region are invited. The details can be found later in this report.

## Students admitted and country-wise break-up

### Name of Programme: MA Economics (with specialization in Economic Development) Batch: 2017

Country	Number	Country	Number
Afghanistan	9	Maldives	0
Bangladesh	2	Nepal	3
Bhutan	0	Pakistan	0
India	8	Sri Lanka	0



## Students admitted and country-wise break-up

### Name of Programme: M.Phil/Ph.D Economics Batch: 2017

Country	Number	Country	Number
Afghanistan	1	Maldives	0
Bangladesh	0	Nepal	0
Bhutan	0	Pakistan	0
India	2	Sri Lanka	0

**Details of Faculty Members** (including PhD affiliation, designation and areas of specialisation/interest), as below:

### Details of Faculty Members

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Santosh C. Panda	University of Birmingham, U.K., 1984	Dean and Vice-President	Contemporary Issues in Development Economics, Fuzzy Decision Theory, Social Choice Theory and Applied Microeconomics
	Syed M. Ahsan	McMaster University (Hamilton, Canada) 1974	Visiting Professor	Agriculture & Micro Insurance; Public Economics & Policy; Poverty & Inequality, Institutions & Growth.

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Anirban Dasgupta	University of California, USA 2006	Associate Professor	Poverty and Inequality, Agricultural Development
	Sunil Kumar	Guru Nanak Dev University, India, 2000	Associate Professor	Applied Econometrics, Banking, Industrial Development
	Snehashish Bhattacharya	University of Notre Dame, USA	Assistant Professor	Political Economy; Economic Development; Economic Methodology
	Soumya Datta	Jawaharlal Nehru University, New Delhi, 2010	Assistant Professor (SG)	Macroeconomic Theory, Nonlinear Dynamics and Complex Systems
	Debdatta Saha	Indian Statistical Institute, New Delhi, 2013	Assistant Professor	Industrial Organization, Competition Policy, Applied Game Theory
	Namrata Gulati	Indian Statistical Institute, New Delhi	Assistant Professor	Development Economics; Applied Microeconomics; Industrial Organization
	Binoy Goswami	Gauhati University, Assam 2013	Assistant Professor	Agricultural Economics; Environmental Economics; Macroeconomics
	Rohin Anhal	Jawaharlal Nehru University, New Delhi, 2013	Assistant Professor	Development Macroeconomics; Environmental Economics; Agricultural Economics

## Grants and Fellowships conferred on members of the Faculty

**Dasgupta, Anirban**, "Solid Waste Management Under Swachh Bharat Abhiyan: The Changing Role of the Informal Sector", Indian Council for Social Science Research, March 2017-March 2019, INR 35,00,000.

**Dasgupta, Anirban**, Visiting Fellow, Department of Economics and Politics, Visva-Bharati, Santiniketan, 14th-18th March 2017

**Gulati, Namrata**, K.N. Raj Fellowship for Teachers at the Centre for Development Studies, Kerala, for the year 2017-18 availed from 18th December 2017 to 17th January 2018.



Dr Ashok Lahiri, Chairman, Bandhan Bank and Former Chief Economic Adviser, Dr Kavita A Sharma, President, South Asian University; Prof. K Sundaram, Retired Professor, Delhi School of Economics; Dr Anup Pujari, Former Secretary to Government of India at a Panel Discussion on 'The Economy of Odisha: A Profile' edited by Pulin B. Nayak, Santosh C. Panda, and Prasanta K. Pattanaik, (OUP, 2016)

### Editorial/Reviewing and Refereeing Appointments

**Ahsan, Syed M.**, Refereed manuscript for *World Development*, Oct 2017.

**Anhal, Rohin** - Reviewer for *Journal Applied Economics*

**Anhal, Rohin** - Reviewer for *Journal Applied Economics Letters*

**Anhal, Rohin** - Reviewer for *Journal Energy Economics*

**Dasgupta, Anirban** - *Journal Of Peasant Studies* (3), *Development and Change*, Member of the Commissioning Panel for the Development Frontiers Research Fund 2016-17 (DFID and ESRC, UK)

**Goswami, Binoy** - Reviewer for *Journal of Land and Rural Studies* (2 manuscripts), and *Asian Journal of Agriculture and Development*

**Kumar, Sunil** - Reviewer for *Economic Modelling*, *European Journal of Operational Research*, *Eurasian Journal of Business and Economics*, and *European Journal of Development Research*

**Panda, Santosh C.**, Member, Editorial Advisory Board, RBI Staff Papers. (Journal published by RBI, Mumbai)

### Books (single author)

**Goswami, Binoy**, *Economic Analysis of Agrarian Institutions: The Case of Tenancy*, Hyderabad: Orient Black Swan, ISBN: 978-93-5287-090-5.

**Ganguli, B. and Saha, D.**, "Study of the Food Processing Industry in Bihar", IGC Report, IGC London

### Edited Volume

**Goswami, Binoy**, M P Bezbaruah and Raju Mandal (eds.), *Indian Agriculture after the Green Revolution: Changes and Challenges*, Abingdon, New York : Routledge, ISBN: 978-1-138-28629-0

### Article/Chapter in Book

Bhattacharya, Rajesh, **Snehashish Bhattacharya**, and Kaveri Gill, "The Adivasi Land Question in the Neoliberal Era", in *The Land Question in India: State, Dispossession, and Capitalist Transition*, ed Anthony P. D'Costa and Achin Chakraborty, Oxford, New York: OUP pp. 176-196, ISBN: 9780198792444.

**Bhattacharya, Snehashish**, "Reproduction of Noncapital: A Marxian Perspective on the Informal Economy in India", in *Knowledge, Class, and Economics: Marxism Without Guarantees*, ed Theodore Burczak, Robert Garnett, and Richard McIntyre, Oxon and New York: Routledge, pp. 346-358, ISBN: 9781138634466.

**Dasgupta, Anirban** "Land Reforms in Kerala and West Bengal: Two cases of Left Reformism and Development" in *The Land Question in India: State, Dispossession, and Going Beyond Capitalist Transition* Oxford and New York: OUP pp 242-264 ISBN: 9780198792444

**Dasgupta, Anirban** (with Smitha Francis and Murali Kallumal) "Trade Liberalisation and Indian Agriculture" in *Indian Agriculture after the Green Revolution: Changes and Challenges* (Routledge Studies in Agricultural Economics) Oxford: Routledge pp. 130-151 ISBN: 978-1138286290

**Goswami, Binoy**, "Introduction" in *Indian Agriculture after the Green Revolution: Changes and Challenges*, Abingdon, and New York: Routledge, pp. 1-7, ISBN: 978-1-138-28629-0.

**Goswami, Binoy**, "Rental Market of Agricultural Land: Changing Context and Need for Tenancy Reform" in *Indian Agriculture after the Green Revolution: Changes and Challenges*, Abingdon, and New York: Routledge, pp. 29-45, ISBN: 978-1-138-28629-0.

**Gulati, Namrata** and Tridip Ray, "Inequality and Neighbourhood Effects: Market Access and Welfare of the Poor" in *Markets, Governance, and Institutions in the Process of Economic Development*. New York: OUP. ISBN 978-0-19-881255-5

### Article/Chapter in Journal

**Goswami, Binoy** and Ranjan Jyoti Bezbaruah, "A Comparative Analysis of the Impacts of Public and Private Agricultural Extension Service: Insights from the Brahmaputra Valley of Assam" in *Economic and Political Weekly* Vol. LII, No. 52, pp. 72-80, ISSN: 2349-8846.

Giri, Maheshwar and **Binoy, Goswami**, "Determinants of Households' Choice of Energy for Lighting in Nepal" *Economics and Business Letters*, Vol. 6, No. 2, pp. 42-47, Spain : Oviedo University Press, ISSN: 2254-4380.

### Keynote Addresses and Invited Talks

**Ahsan, Syed M.**, Panel Chair, "Dominant Capitalist Relations", International Conference on Solidarity/Moral Economic Practices of Women in India, Jindal Global University, Sonapat, 04-05 March, 2017.

**Ahsan, Syed M.**, "Growth, Poverty Reduction and Globalization", Plenary Talk, International Conference on "Peaceful and Prosperous South Asia-Opportunities and Challenges" (ICSA-2017), Jaypee Institute of Information Technology, Noida, 27 - 29 March, 2017.

**Ahsan, Syed M.**, "Access & Inequity in Healthcare in South Asia", UKIERI-UGC Research Methods Node Workshop, TISS, Mumbai, 09-10 Nov, 2017.

**Dasgupta, Anirban** "Structural Transformation and the Changing Rurality in India" 48th Regional Science Conference, Tripura University, Agartala 6 Jan, 2017

**Dasgupta, Anirban** - Invited as discussant in the IARIW-ICRIER Conference on "Experiences and Challenges in Measuring Income, Inequality, and Poverty in South Asia," New Delhi, 23-24 Nov, 2017



A glimpse of Prof. Santosh Panda, Vice-President and Dean, Faculty of Economics welcoming the guests and the audience at the 3rd International Conference on South Asian Economic Development, 23-24 Feb, 2017



**Datta, Soumya**, 'Can limits of arbitrage explain bounded rationality among speculative traders in foreign exchange markets?' at Faculty Seminar Series of Department of Humanities and Social Sciences, Indian Institute of Technology, Guwahati, 8 April, 2017.

**Goswami, Binoy**, "Positioning India in the Global Economy: Status, Strategies and Concerns" at "India and the World" organized by the Department of Economics, Lady Doak College, Madurai, Tamil Nadu, 9 – 10 Feb 2017.

**Goswami, Binoy**, Visiting faculty, Centre for Economic Studies and Policies, Central University of South Bihar, 20-25 March and 1-4 April 2017.

**Gulati, Namrata** - Invited as discussant in the IARIW-ICRIER Conference on "Experiences and Challenges in Measuring Income, Inequality, and Poverty in South Asia," New Delhi, Nov 23-24, 2017.

**Panda. Santosh C.**, RBI Academy, Mumbai, Delivered four lectures on "Microeconomic Theory and Applications", 14-16 March, 2017.

**Panda. Santosh C.**, UGC HRDC, JNU, "Ordinal Utility Analysis: What can go wrong?", 15 Sept 2017.

**Panda. Santosh C.**, India Today Conclave, Bhubaneswar: "Economic performance of Odisha", 27 Oct 2017.

**Panda. Santosh C.**, Odisha Forum, New Delhi: "Odisha's Economy: Retrospect and Prospect", 30 Nov 2017.

**Saha, D.**, 'Externalities in agricultural pricing', IIM Ahmedabad, 2 Feb, 2017.

**Saha, D.**, Three special lectures on Research Methodology, Department of Business Economics, University of Delhi (South Campus), 8, 15 and 22 Sept 2017.

#### Papers Presented and Lectures Delivered

**Anhal, Rohin** "Is Coal-Driven Energy Consumption Sustainable? Evidence from India using an Alternative Causality Framework" 2017 China Meeting of the Econometric Society, Economics and Management School, Wuhan University, 9-11 June 2017.

**Dasgupta, Anirban** "Surplus Population in Peasant Production: How the 'Need Economy' Facilitates Accumulation in India" Centre for Economic Studies and Planning Seminar Series, JNU, 21 Nov 2017.

**Datta, Soumya**, 'Exchange rate dynamics under limited arbitrage and heterogeneous expectations' at the '22nd Annual Workshop on Economic Science with Heterogeneous Interacting Agents (WEHIA)', organized by the Society for Economic Studies with Heterogeneous Interacting Agents, Università Cattolica del Sacro Cuore, Milan, Italy, 12-14 June 2017.

**Datta, Soumya**, 'Exchange rate dynamics under limited arbitrage and heterogeneous expectations' at the 'Asia Pacific Econophysics Conference (APEC) 2017', organized by Jawaharlal Nehru University, University of Delhi and Saha Institute of Nuclear Physics and Centrale Supélec at Delhi, 15-18 Nov 2017.

**Datta, Soumya**, (with C. Saratchand) 'Endogenously heterogeneous inflation expectations and monetary policy' at the '2nd International Post-Keynesian and Institutionalist Conference: Instability, Growth and Regulation', organized by Centre Recherche en Économie de Grenoble, Faculté d'économie de Grenoble, Université Grenoble Alpes and Review of Keynesian Economics, at Grenoble, France, 7-9 Dec 2017.

**Kumar, Sunil** presented a paper on "Performance measurement using data envelopment analysis" at the School of Development Economics, National Institute of Development Administration, Bangkok, Thailand on 3 March, 2017.

**Kumar, Sunil** presented a paper entitled, "Opening the Black Box of Bank Efficiency in India using a Network DEA model" at the 2nd NIDA International Business Conference held at National Institute of Development Administration, Bangkok, Thailand on 4 March 2017.

**Saha, D.** and M Kapoor,, 'On the economics of cartel investigation: the case of cement in India', Competition Commission of India National Conference, 3-4 March 2017, New Delhi.

**Saha, D.**, 'Industrial Policy: Comparing Bihar and Jharkhand', International Conference on Bihar and Jharkhand: Shared History to Shared Vision, ADRI Silver Jubilee Celebrations, 25 March, 2017, Patna.

**Saha, D.**, Discussant on 'Information Transmission among Unequal Individuals within Households' (by P.P. Krishnapriya (ISI Delhi) and Parikshit Ghosh (Delhi School of Economics), Winter School, Delhi School of Economics, 13 Dec 2017.

**Saha, D.**, 'Economics of Competition Law', Faculty of Legal Studies, SAU 30 Oct 2017.

#### Newspaper Articles

**Ahsan, Syed M.** "Two Hundred Years of 'Comparative Advantage', *Financial Express*, vol 24 (302), 20 Sept 2017.

**Ahsan, Syed M.** "Kenneth Arrow (1921-2017), An Influential Theorist, A Personal Tribute", *The Daily Star*, 09 March 2017.



Honorable Vice-Chairman (VC) of National Planning Commission Dr. Min Bahadur Shrestha speaking at the 3rd International Conference on South Asian Economic Development held on February 23-24, 2017



Dr. Kavita A. Sharma, President, SAU addressing the audience at the 3rd International Conference on South Asian Economic Development, 23-24 Feb, 2017

### Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	13.1.2017	Racial Differences in Transitions to Marriage for Unmarried Mothers	Dr Venoo Kakar, Assistant Professor of Economics, San Francisco State University, USA
2	20.1.2017	Transition from Fossil Fuel to Green Energy Regime - from Coal to the New Renewables - in India	Dr Ramprasad Sengupta, Professor Emeritus, Centre for Economic Studies and Planning, School of Social Sciences, JNU, New Delhi & Mahatma Gandhi National Fellow at ICSSR at the Centre for Studies in Social Sciences, Kolkata
3	27.1.2017	Revisiting South Asian Integration: Trade Flows and Implied Distances Between Members	Dr Danish A. Hashim, Director, Economic Affairs, Confederation of Indian Industry
4	13.2.2017	How misleading is self-reported morbidity? Revisiting Amartya Sen's 'positional objectivity'	Dr Achin Chakraborty, Professor and Director, Institute of Development Studies, Kolkata,
5	17.2.2017	Panel Discussion on: 'The Economy of Odisha: A Profile' ed. Pulin B. Nayak, Santosh C. Panda, and Prasanta K. Pattanaik, (OUP, 2016)	Dr Ashok Lahiri, Chairman, Bandhan Bank and Former Chief Economic Adviser. Prof. K Sundaram, Retired Professor, Delhi School of Economics. Dr Anup Pujari, Retired Secretary, Government of India
6	27.2.2017	Panel discussion on: Inclusive Growth and Social Change : Formal-Informal-Agrarian Relations in India by Saumya Chakrabarti, Associate Professor, Dept of Economics and Politics, Vishva-Bharati, Shantiniketan (OUP 2017)	Prof Amit Bhaduri, Professor Emeritus, Centre for Economic Studies and Planning, School of Social Sciences, JNU, Delhi  Dr Ajit Ghose, ICSSR National Fellow and Former Senior Economist, ILO
7	21.4.2017	Local institutional structure and clientelistic access to employment: The case of MGNREGA in three states of India	Dr Anirban Kar, Associate Professor, Delhi School of Economics
8	28.4.2017	Trade Competition, Labour Market Duality and Productivity Growth	Dr Dibyendu Maiti, Associate Professor, Delhi School of Economics
9	1.9.2017	Structural transformation with limited supplies of land	Dr Bruno Dorin, Centre de Sciences Humaines, New Delhi
10	8.9.2017	Nature and Dynamics of Agrarian Crisis in India: A smallholder and farm worker perspective	Dr Sukhpal Singh, Director General, CRRID, Chandigarh, and Professor, CMA, IIM, Ahmedabad
11	15.9.2017	Imperialism: The Missing Link in Growth Theories	Dr Rohit, CESP, JNU, Delhi
12	10.11.2017	Debt Equity Swap and Restructuring of Sovereign Debt under Incentives and Austerities	Prof. Sanjay Banerji, University of Nottingham, U.K.
13	17.11.2017	Some principles for corrective taxation of externalities in a second-best world	Prof. Sushama Murty, CITD, SIS, JNU, Delhi

### Students' Achievements

**Vasuprada, T.M.** (with Debdatta Saha), read a paper titled "The Role of Networks in Promoting Innovation: The Interesting Case of Ayurveda Research in India", at the National Conference on The Indian Economy: Contemporary Issues and Challenges, Department of Business Economics, South Campus, University of Delhi, 28 Feb 2017.

**Vasuprada, T.M.** (with Debdatta Saha), presented a paper titled "Rethinking Innovation: The Case of Diabetes Drug Discovery", at the 2017 Winter School, Delhi School of Economics, Delhi, 13 Dec 2017.

**Kesar, Surbhi**, won the Best Paper Award at the 5th Conference of the Regulating Decent Work (RDW)

Network, 3-5 July 2017, at the International Labour Organization in Geneva, Switzerland ([http://www.ilo.org/global/meetings-and-events/WCMS\\_543524/lang--en/index.htm](http://www.ilo.org/global/meetings-and-events/WCMS_543524/lang--en/index.htm) and <http://www.rdw-conference.org/pages/info>), for her paper titled "Subcontracting Linkages in the Informal Economy in India: Analyzing the Implications for Inclusive Growth". She was awarded a fellowship by the ILO to attend the conference.

**Kesar, Surbhi**, has been awarded the Fulbright-Nehru Doctoral Research Fellowship for 2017-18 tenable at the University of Massachusetts, Amherst, USA, to work on "Economic Dualism, Structural Transformation and the Role of the Informal Economy: A Study of Labor Surplus Economies".



Ms. Surbhi Kesar, Ph.D. Candidate at the Faculty of Economics, receiving the best paper Award from Mr Guy Ryder, Director General, International Labour Organisation, Geneva



# Faculty of Legal Studies

*Dhaka, Bangladesh*

# Faculty of Legal Studies

FLS organized the SAARC Charter Day on 08 December 2017 at which the Keynote Address was given by Dr Kamal Hossain, Academic, Senior Advocate and Former Foreign Minister of Bangladesh. The distinguished panelists were Mr Kalyan Shrestha, Former Chief Justice of Nepal, Prof. Savitri Goonesekere, Emeritus Professor of Law, University of Colombo, and Dr Hameeda Hossain, Eminent Human Rights Activist, Bangladesh. FLS also organized a Workshop on "Civil Society and Governance: Challenges in South Asia", supported by the International Center for Not-for-Profit Law (ICNL) under the Global Civil Society Legal Enabling Environment Project 2 on 11 December 2017 as well as the "Asian Regional Consultation on Strengthening and Enhancing the Effective Functioning of Human Rights Treaty Bodies organised by the Geneva Academy of International Humanitarian Law and Human Rights, Commonwealth Human Rights Initiative and the Faculty of Legal Studies of the South Asian University, New Delhi, with assistance from the German and Swiss Governments on 13 October 2017, and an International Conference on "Fostering Human Rights in European Policies" early this year.

## Students admitted and country-wise break-up








### Name of Programme: LLM & MPhil/PhD

Programmes of Study	Male	Female	Total
LLM (2017-19)	17	7	24
LLM (2016-18)	18	10	28
MPhil/PhD (2013)	1	-	1
MPhil/PhD (2014)	2	2	4
MPhil/PhD (2015)	3	-	3
MPhil/PhD (2016)	5	1	6
MPhil/PhD (2017)	3	1	4

### Country-wise Break-up

Afghanistan	7	Maldives	0
Bangladesh	18	Nepal	5
Bhutan	-	Pakistan	1
India	38	Sri Lanka	1
Others			

## Faculty members:

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	V.G. Hegde	Jawaharlal Nehru University	Associate Professor (Relieved 13th Sept 2017)	International Law, International Trade Law, Intellectual Property Rights, International Water Law
	Ravindra Pratap	Jawaharlal Nehru University, 2002	Associate Professor and Associate Dean	International Law, International Trade Law, International Dispute Settlement, Legal Interpretation, Legal Systems of South Asia
	Stellina Jolly	Punjab University	Assistant Professor	International Environmental Law, Bio-Ethics, Private International Law
	Nafees Ahmad	Alligarh Muslim University	Assistant Professor	International Refugee Law, International Human Rights Law, Comparative Constitutional Law of SAARC Nations, Public International Law, International Humanitarian Law, International Constitutional Law International Media Law
	Sai Ramani Garimella	Osmania University	Assistant Professor	Legal Theory, Private International Law, International Commercial Arbitration
	Srinivas Burra	Jawaharlal Nehru University	Assistant Professor	International Law, International Human Rights Law, International Criminal Law, International Humanitarian Law
	Prabhash Ranjan	King's College London	Assistant Professor	International Economic Law, International Investment Law, World Trade Law

## Grants and Fellowships conferred on members of the Faculty

**Ahmad, Nafees**, (Co-director), Minor Project, ICSSR, New Delhi, One Year, INR 200,000/-

**Ahmad, Nafees**, External Reviewer, for major research project on Judicial Reforms in India for the Ministry of Law, Government of India. 2016-2017

**Garimella, Sai Ramani**, Educational Grant from International Center for Not-for-Profit Law (ICNL), and USAID under its Global Civil Society Legal Enabling Environment.

**Jolly, Stellina**, Educational Grant from International Center for Not-for-Profit Law (ICNL), and USAID under its Global Civil Society Legal Enabling Environment.

**Jolly Stellina**, External Reviewer, for major research project on Judicial Reforms in India for the Ministry of Law, Government of India. 2016-2017

**Jolly, Stellina**, Consultant: European Commission for the Global Price Project Assignment "Clean Energy Cooperation Project with India: Technical Assistance for the Implementation and Management of Identified Solar Parks" 2017



**Ranjan, Prabhash**, Visiting Scholar, Brookings India, 1 Aug 2017-30 April 2018.

**Ranjan, Prabhash**, Full travel and accommodation funding, Singapore Management University to present a paper at a conference organised by the Applied Research Centre for the Intellectual Assets and the Law in Asia, SMU, Dec 2017

**Ranjan, Prabhash**, Full travel and accommodation funding, National University of Singapore to present a paper at a conference organised by the Centre for International Law, NUS, November 2017

**Ranjan, Prabhash**, Full travel and accommodation funding, University of Sydney to present a paper at a conference organised by University of Sydney, Feb 2017

#### Editorial/Reviewing and Refereeing Appointments

**Ahmad, Nafees**, External Reviewer, *Asian Journal of International Law*, CUP

**Jolly, Stellina**, Reviewer *Journal of Legal Studies*, *Journal of World Intellectual Property* (Wiley), *Commonwealth Journal of Legal Education*, Springer and OUP

**Jolly, Stellina**, Editor, *NUJS International Journal of Legal Studies and Research*, <http://www.ijlsr.in/2-Board-of-Editors/4-Editors>

**Jolly, Stellina** Advisory Board, *Bangladeshi Journal of Socio*

*Legal Studies*, [http://www.bjsls.org/index.php?r=site/page&view=advisory\\_board](http://www.bjsls.org/index.php?r=site/page&view=advisory_board)

**Ranjan, Prabhash** reviewer for the *Oxford Yearbook of International Investment Law (OUP)*, *Chinese Journal of Comparative Law (OUP)*; and *Asian Journal of International Law (CUP)*.

#### Appointments to Memberships of National/International Bodies

**Ahmad, Nafees**, Member, Indian Society of International Law, New Delhi

**Burra, Srinivas**, Elected to the Executive Council, Asian Society of International Law for the 2017-2019 term.

**Jolly, Stellina**, Member, Indian Society of International Law; Member Indian Nuclear Law Association

#### Edited Volumes

**Jolly, Stellina, Garimella, Sai Ramani** (eds) *Private International Law and South Asian States Practice*, Singapore, Springer 2017, ISBN 978-981-10-4357-2 <http://www.springer.com/in/book/9789811034572>

#### Articles/Chapters in Books

**Ahmad, Nafees & Jolly, Stellina**, 'Climate Refugees under International Climate Law and International Refugee Law: Towards Addressing the Protection Gaps and Exploring the Legal Alternatives for Climate Justice', *ISIL Year Book*

*on International Humanitarian Law and Refugee Law*, New Delhi, Indian Society of International Law, pp. 216-248, ISSN 0971-9500

**Garimella, Sai Ramani**, 'Issues of Jurisdiction, Choice of Law and Enforcement of Foreign Arbitral Awards: An Indian Perspective' in Sai Ramani Garimella & Stellina Jolly (eds.) *Private International Law: South Asian State Practice* (Springer, 2017)

**Jolly, Stellina** 'Role of Judiciary in Bio Diversity Enforcement and Compliance: Comparison between International Court of Justice and Indian Judiciary', in Usha Tandon (ed) *Biodiversity and Sustainable Development*, Routledge, 2017, ISSN 9781138288195

**Jolly, Stellina** 'Cross Border Surrogacy: An Indian State Practice', in, Sai Ramani Garimella and S. Jolly(eds) *Private International Law: South Asian State Practice*, Springer, 2017, ISSN 978-981-10-4357-2 p 175-197

**Jolly, Stellina** 'A Legal Analysis of Linking Human Right Approach to Access to Water and Sharing of Trans Boundary Rivers in South Asia' in J.L.Kaul and Anupam Jha (eds) *Shifting Horizons of Public International Law in South Asia*, Springer, 2017, ISSN 978-81-322-3724-2, 198-214.

**Jolly, Stellina** 'Interrogating the pedagogy of State Responsibility and Individual Rights in Amita Singh(ed) *Disaster Law: The Emerging Threshold of Disaster Law in Asia*, Routledge, 2017, ISSN 9781138106178,p 134-149.

**Ranjan, Prabhash**, 'Investment Protection and Host State's Right to Regulate in Indian Model Bilateral Investment Treaty 2016: Lessons for Asian countries' in Julien Chaisse et al (eds) *International Law of Foreign Investment in Asia: Sustainability, Regionalisation and Arbitration*, Singapore, Springer Nature, 2017, 47-65.

**Ranjan, Prabhash** 'Capital Flow Management Measures and International Investment Law – Never the Twain Shall Meet?' in R Hofmann, Christian Tams, Stephan Schill (eds) *International Investment Law and the Global Financial Architecture*, Cheltenham, Edward Elgar, 2017, 257-280

#### Articles in Journals

**Ahmad, Nafees**, 'The Constitution-Based Approach of Indian Judiciary to Refugee Rights and Global Standards of the UN Convention', *The King's Students Law Review*, vol. 8, no. 1 (2017) pp. 30-55

**Ahmad, Nafees**, 'The Right to Nationality and the Reduction of Statelessness: The Responses of the International Migration Law Framework', *Groningen Journal of International Law*, vol. 5, no. 1 (2017) pp. 1-22

**Ahmad, Nafees**, 'Internally Displaced Persons and International Refugee Law: Protection Gaps, Challenges and Implementation in Practice', *The King's Student Law Review*, vol. 8, no. 2, (2017) pp. 97

**Burra, Srinivas**, 'TWAIL's Others: A Caste Critique of Twailers and their Field of Analysis' in *Windsor Yearbook of Access to Justice*, vol. 33, no.3, 2016, pp. 111-128.

**Burra, Srinivas**, 'Where Does India Stand on the Right to Self-determination?' in *Economic and Political Weekly*, vol. LII, no 2, 14 Jan, 2017, pp.21-24.

**Garimella, Sai Ramani**, "Revisiting Arbitration's Confidentiality Feature" in *Comparative Law Journal of the Pacific* (Hors Serie) vol.20, 2016, p 97

**Garimella, Sai Ramani**, "Bangladesh – Making the Case for accession to the Convention on International Contracts for Sales of Goods" in *AALCO Journal of International Law* vol.5 2016, p.73 (co-author: MZ Ashraful)

**Garimella, Sai Ramani**, "International parental child abduction and the fragmented law in India - Time to accede to the Hague Convention?" in *Macquarie Law Journal* vol. 17, 2017, 37

**Garimella, Sai Ramani**, "Seat-centric Arbitration: Decoding the Indian Law on the Choice of a Foreign Seat" in *Young Arbitration Review* vol. 6, 2017, p.29

**Jolly Stellina**, 'Inter-Country Child Abduction: An Explorative Analysis of Legal Standards and Judicial Construal's of India', *International Journal of Law, Policy and the Family*, OUP vol 31(1) (2017), 20-40, ISSN 1360-9939

**Jolly, Stellina**, and Ashish Saraswat 'Solar Parks and Land Acquisition in India: A Legal Analysis', *International Energy Law Review*, Sweet and Maxwell, vol 12(6) 2017 227-231,ISSN 1757-4404

**Pratap, Ravindra**, 'Provisional Measures in the "Enrica Lexie" Case', *The Law and Practice of The International Courts And Tribunals*, vol 16 (2017) 413-436.

**Ranjan, Prabhash** & Anand, Pushkar, 'The 2016 Model Indian Bilateral Investment Treaty: A Critical



Deconstruction' *Northwestern Journal of International Law and Business*, 38:1 (2017), 1-54.

### Keynote Addresses and Invited Talks

**Ahmad, Nafees**, 'Electoral Reforms and Good Governance: From Ideality to Reality: Economic Reforms with Reference to Electoral Reforms', at the Confederation of Indian Bar, Supreme Court of India, New Delhi, 8-9, April 2017

**Ahmad, Nafees**, 'Religion, Human Rights & International Law: Understanding Islamic States Practices', at The Idea of Peace, Humanism and Tolerance in Islam, India Arab Cultural Centre, Jamia Millia Islamia, New Delhi, 25-26 September 2017

**Ahmad, Nafees**, Discussant on 'Human Rights Institutions, Civil Society Organizations and Judiciary', FRAME India Colloquium – Fostering Human Rights Among European Policies, ISIL and South Asian University, New Delhi, 31 Jan 2017

**Burra, Srinivas**, Chairperson 'Colloquy on Learning International Law in South – Relevance, Methodology and Prospects' organised by the Centre for Economy Development and Law, Thrissur in collaboration with the India Chapter of the Association of Attendees and Alumni of The Hague Academy of International Law, Thrissur, Kerala, 3 January 2017.

**Burra, Srinivas**, Chair, 'Conference on Statelessness and Citizenship-2017', jointly organized by the Tata Institute of Social Sciences, Mumbai, United Nations High Commissioner for Refugees and the Statelessness Network Asia Pacific at TISS, Mumbai, 30 Nov 2017.

### Papers Presented and Lectures Delivered

**Ahmad, Nafees**, 'The Rights Framework and Constitutionalism: The Future of Fundamental Freedoms in South Asia', Faculty of Law, GGSIP University, New Delhi, 20 Jan 2017.

**Ahmad, Nafees**, 'The Constitutionality of Trump's Refugee Policy under the US Constitution and International Rule of Law', World Learning-SIT (USA), Health and Human Right Project, New Delhi, 10 Feb 2017

**Ahmad, Nafees**, 'The Constitutionality of Trump's Executive Order under the US Refugee Act, 1980', ISIL Monthly Distinguished Lecture Series, New Delhi, 3 March 2017

**Burra, Srinivas**, 'Human Rights Institutions, Civil Society Organizations and Judiciary' at the 'FRAME India Colloquium: Fostering Human Rights among European Policies' organized by the India Society of International Law and South Asian University, 31 Jan 2017.

**Burra, Srinivas**, 'Is Individual Criminal Responsibility in Crisis?', at the 46th Annual Conference of the Indian Society of International Law, New Delhi, 29 April 2017.

**Burra, Srinivas**, 'Law of Treaties' at the 16th Summer Course on International Law, organized by the Indian Society of International Law, New Delhi, 29 May 2017.

**Burra, Srinivas**, 'Role of International Committee of the Red Cross-Human Rights' at the Internship Programme-2017, organized by the National Human Rights Commission, New Delhi, 2 June 2017.

**Burra, Srinivas**, 'Justice, Rights and Law', at the Summer School on Marxsim-2017, organized by the Department of Sociology, South Asian University and Rosa Luxemburg Stiftung-South Asia, Fort Unchagaon, 11 June, 2017.

**Burra, Srinivas**, 'Colonial Continuities in Postcolonial Realities: Laws of Armed Conflict from Past to the Present' at the 6th Biennial Conference of the Asian Society of International Law, Seoul, Republic of Korea, 25-26 Aug 2017.

**Burra, Srinivas**, 'Refugee Situation in Asia' at the Stakeholder Meeting – Global Compact on Refugees, organized by the United Nations High Commissioner for Refugees, New Delhi, 29 Sept, 2017.

**Burra, Srinivas**, 'Movements and their Trajectories: Contemporary Reading(s) of the Telangana Struggles', organized by the Department of Sociology, South Asian University and Rosa Luxemburg Stiftung-South Asia, 1 Nov 2017.

**Burra, Srinivas**, 'Legal Framework on Statelessness: A South Asian Perspective' at the Conference on Statelessness and Citizenship-2017, jointly organized by the Tata Institute of Social Sciences Mumbai, United Nations High Commissioner for Refugees and the Statelessness Network Asia Pacific, at TISS, Mumbai, 29 November 2017.

**Garimella, Sai Ramani**, Resource faculty on "International Commercial Contracts", Indian Society of International Law Summer Course, June 2017

**Garimella, Sai Ramani**, Resource faculty on "CISG and Electronic Communication in Contracts" PG course on International Trade Law, Indian Society of International Law, 15 Sept 2017

**Garimella, Sai Ramani**, Resource faculty on "UNIDROIT Principles on International Commercial Contracts" Indian Society of International Law, 18 Sept 2017.

**Ranjan, Prabhash**, 'Issuance of Compulsory Licenses and Expropriation of Investment in BITs and FTAs: A Study of Indian, Chinese and Select ASEAN Countries' at 'Asian Trade Deals and IP', organised by Singapore Management University, 8 Dec 2017

**Jolly, Stellina**, 'Climate Change, Disasters and Gender Resilience: A Legal Analysis from India' on 'Law and Development Conference – A View from the Global South', at the International Conference organised by University of Antwerp, Belgium, 19-22 Sept 2017

**Jolly, Stellina**, 'Inter-Country Child Abduction: An Explorative Analysis of Legal Standards and Judicial Construal's in India', at Centre for Law and Governance, JNU, New Delhi on 7 April 2017

**Jolly, Stellina**, 'International Environmental Law' at Teerthankar Mahaveer University School of Law, Moradabad, 18 Feb 2017

**Jolly, Stellina**, 'International Sustainable Development' at Workshop on Environmental Law organised by Indian Law Institute, New Delhi, 8 Feb 2017

**Jolly, Stellina**, 'Principles of International Environmental Law' at the 16th Summer Course on International Law, organized by ISIL, Delhi on 2 June 2017

**Jolly, Stellina**, 'International Climate Change Law' at NLU, Delhi, 26 Sept 2017

**Pratap, Ravindra**, 'State Jurisdiction', at Indian Academy of International Law and Diplomacy, New Delhi, 4 Dec 2017.

**Pratap, Ravindra**, 'The Relation of International Law and Municipal Law', at Indian Academy of International Law and Diplomacy, New Delhi, 27 Nov 2017.

**Pratap, Ravindra**, 'Safeguards in WTO', at Indian Academy of International Law and Diplomacy, New Delhi, 25 Oct 2017.



**Pratap, Ravindra**, 'The principle of non-discrimination in WTO', at Indian Academy of International Law and Diplomacy, 23 Oct 2017.

**Pratap, Ravindra**, 'GATT/WTO Historical Origin', at Indian Academy of International Law and Diplomacy, New Delhi, 13 Oct 2017.

**Pratap, Ravindra**, 'Progressive Development of International Law', at Indian Academy of International Law and Diplomacy, New Delhi, 9 Oct 2017.

**Pratap, Ravindra**, 'Asian-African Approaches to International Law', at Indian Academy of International Law and Diplomacy, New Delhi, 18 Sept 2017.

**Pratap, Ravindra**, 'Theories and Basis of International Law', at Indian Academy of International Law and Diplomacy, New Delhi, 11 Sept 2017.

**Pratap, Ravindra**, 'Pacific Settlement of Disputes and ICJ', at Summer Course on International Law, Indian Academy of International Law and Diplomacy, New Delhi, 1 June 2017.

**Pratap, Ravindra**, 'UN Charter and Means of Settlement of Disputes, including International Arbitration and ICJ, Friendly Relations Declaration', at Indian Academy of

International Law and Diplomacy, New Delhi, 1 May 2017.

**Pratap, Ravindra**, 'Interpretation of International Law by the Supreme Court of India', at Indian Academy of International Law and Diplomacy, New Delhi, 24 April 2017.

**Pratap, Ravindra**, 'Non-violation complaints', at Indian Academy of International Law and Diplomacy, New Delhi, 3 March 2017.

**Pratap, Ravindra**, 'Diplomatic Immunity', at Indian Academy of International Law and Diplomacy, New Delhi, 20 Feb 2017.

**Pratap, Ravindra**, 'ICSID', at Indian Academy of International Law and Diplomacy, New Delhi, 17 Feb 2017.

**Pratap, Ravindra**, 'State Immunity', at Indian Academy of International Law and Diplomacy, New Delhi, 13 Feb 2017.

**Pratap, Ravindra**, 'India and the WTO Dispute Settlement System', at Indian Academy of International Law and Diplomacy, New Delhi, 10 Feb 2017.

**Pratap, Ravindra**, 'WTO Dispute Settlement', at Indian Academy of International Law and Diplomacy, New Delhi, 03 Feb 2017.

**Pratap, Ravindra**, 'GATT and WTO', at Indian Academy of International Law and Diplomacy, New Delhi, 01 Feb 2017.

**Pratap, Ravindra**, 'Various Means of Settlement of International Disputes', at Indian Academy of International Law and Diplomacy, New Delhi, 27 Jan 2017.

**Pratap, Ravindra**, 'The Role of ICJ Procedure in the Emergence and Evolution of Erga Omnes Obligations', at the 6th AsianSIL Biennial Conference, Seoul, Korea, 25-26 Aug 2017.

**Pratap, Ravindra**, 'Building Peace over Water in South Asia: The Potential of the UN Watercourses Convention for a Sustainable Resolution and Prevention of Water Sharing Problems in the SAARC Region', 14th Annual Conference on Law, Athens, Greece, 10-13 July 2017.

**Ranjan, Prabhash**, 'Issuance of Compulsory Licenses and Expropriation of Investment in BITs and FTAs: A Study of Indian, Chinese and Select ASEAN Countries' at Singapore, 'Asian Trade Deals and IP', organised by Singapore Management University, Singapore, 8 December 2017

**Ranjan, Prabhash**, 'Internalization of Investment Treaties in India', at 'Workshop on Investment Treaties and National

Governance', organised by Centre for International Law, National University of Singapore, Singapore, 16-17 November 2017

**Ranjan, Prabhash**, 'Investor State Dispute Settlement and India', at 'South Asian International Economic Law Inaugural Conference' organised by South Asia International Economic Law Network, New Delhi, 29-30 April 2017

**Ranjan, Prabhash**, 'Absence of Fair and Equitable Treatment in the Indian Model BIT', at 'High Level Committee to Review Institutionalization of Arbitration Mechanism in India, Conference on BITs', New Delhi, 22 April 2017

**Ranjan, Prabhash**, 'Multilateral Investment Agreement in the WTO and India', 'WTO@20 Conference', organised by Appellate Body of the WTO and National Law University Delhi, New Delhi, 18 Feb 2017;

**Ranjan, Prabhash**, 'Investor State Dispute Settlement in Indian Model BIT: Does it go too far?', at Sydney, 'International Investment Arbitration Across Asia', organised by Sydney University, Sydney, 16 Feb 2017

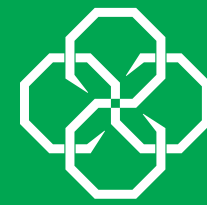


### Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1.	01-03-17	Book Discussion:- Private International Law-South Asian States Practice edited by Dr. Sai Ramani Garimella and Dr. Stellina Jolly	Mrs. Pinky Anand, Additional Solicitor General of India  Speakers: Professor R. Venkata Rao, Vice Chancellor, National Law School of India University, Bangalore  Professor Manoj Kumar Sinha, Director, Indian Law Institute, New Delhi
2.	02-03-17	Researching International Law	Dr Prabhakar Singh, Associate Professor, Jindal Global Law School, O P Jindal Global University
3.	09-03-17	'Legal Status of the Secretariat'	Professor Bharat H Desai, Jawaharlal Nehru University, New Delhi
4.	11-04-17	Trademark Implications on Free Speech	Ms. Pamela Gavin, IPR Expert, Gavin Law Offices PLC, Pump Rd, Richmond, USA
5.	11-04-17	Legal Issues of Trans-boundary Water Sharing In South Asia	Prof. Philippe Cullet, Senior Fellow, CPR and Professor of International and Environmental Law, School of Oriental and African Studies (SOAS), London
6.	18-04-17	Climate Change Litigation and Legal Challenges	Ms. Shibani Ghosh, Fellow, Centre for Policy and Research (CPR)
7.	25-04-17	The Fundamentals of Free Media and Journalism	Mr. Siddharth Varadarajan, Founding Editor, The Wire.com
8.	05-08-17	'Protection of Intellectual Property in Bangladesh	Dr. Towhid Islam, Professor, Department of Law, University of Dhaka
9.	31-08-17	Dr. Anwar Sadat, Assistant Professor, Indian Society of International Law	Emerging Legal Constraints and Opportunities and Scope of Emissions Trading in India
12.	26-10-17	Evolution of Victimology Jurisprudence by the Supreme Court of India	Professor G.S. Bajpai, Registrar National Law University, Delhi
13.	07-11-2017	2030 Agenda for Sustainable Development: Human Rights and Development	Prof. Koen De Feyter, Chair of International Law, Research Group on Law and Development, Faculty of Law, University of Antwerp, Belgium
14.	09-11-2017	Invisibility of "Other" Dalits and Silence in the Law	Dr. Sumit Baudh, Associate Professor, Jindal Law School, Sonapat, Haryana







# Faculty of Life Sciences & Biotechnology

# Faculty of Life Sciences & Biotechnology

FLSB has taken several initiatives to achieve and maintain excellence in teaching, training, and research. Biotechnology is a rapidly expanding field and in order to keep pace with the latest developments, faculty members regularly add new knowledge to their respective courses.

In order to give in-depth learning experience to students, the M.Sc. course structure has been redesigned to provide more choices at the advanced level. Several new experiments have also been included in the laboratory techniques course.

Masters students have been given a span of two semesters to work on their projects to allow them to acquire thorough knowledge of the field of their interest by extending the bench research time for their chosen project.

As part of the Fermentation technology learning experience, the third semester M.Sc. students were taken

for a field visit to a PEDA Bio-gas power plant at Ludhiana.

As part of their passion and commitment, faculty members conducting cutting-edge research have been able to procure funds from external funding agencies. In the current year, faculty research grants in FLSB amounted to INR 6.6 crores. This year has also seen 19 research papers published by the faculty in peer-reviewed journals. Several equipment, such as Gas Chromatography, Encapsulator, CO2 Incubator, biosafety hood, centrifuges and water bath were procured through the extra-mural grants. With the financial support of the South Asian University, we could maintain our Central Instrument facility (CIF) in working order throughout the year. The CIF facility at FLSB currently includes, FACS Aria, FACS Verse, Confocal Microscopy Facility, Ultracentrifuge, real time PCR machine, Cell Culture Facility, Plant Growth Chambers, UFLC, FPLC and several other equipments that are required for research.



To increase the interaction between SAU and other universities and institutions in the SAARC region, FLSB organized the South Asian Biotechnology Conference in Kathmandu, Nepal between March 16 and 18, in collaboration with Tribhuvan University. Several scientists from various regions of the world presented their work at the meeting. It was decided that next year the conference will be held in Colombo, Sri Lanka. Our faculty members organized several international hands-on-workshops like Indo-US Workshop on "Flow Cytometry and Metabolomics in studying infectious diseases in animals and human", "Gene cloning and expression of Recombinant Protein" and "Proteomics and Mass Spectrometry" to train research

scholars from the SAARC region. An Annual Science Day was organized as "BioZest2017". It was a student-led event held on 10th November, 2017. The program included key note talks given by eminent scientists, Dr Virandar Chauhan and Dr Shirshendu Mukherjee. This was followed by research presentations by students and various fun activities. An "Open House" was organized on the subsequent day where prospective undergraduate students from around the Delhi region were invited to visit the SAU and FLSB research facility. We hope to make this an annual event. Several leading scientists/professors were invited to give guest seminars in our Friday Seminar Series.

## Placements and Other Achievements of M.Sc. students

Placement of FLSB Students	Number of students				Total for 4 years	Percentage placement
	Class of 2013	Class of 2014	Class of 2015	Class of 2016		
PhD students in Universities abroad	6	3	4	1	14	22%
PhD students in top Indian research institutions and Universities	3	6	8	5	22	35%
PhD students in FLSB, SAU	5	4	4	3	16	25%
Teaching / R&D jobs in SAARC Countries	4	3	3	2	12	18%

## Students admitted and country-wise break-up

### Name of Programme: M.Sc. Biotechnology Batch: 2017

Afghanistan	03	Maldives	Nil
Bangladesh	05	Nepal	02
Bhutan	01	Pakistan	Nil
India	10	Sri Lanka	Nil
Others	Nil		

### Name of Programme: M.Sc. Biotechnology Batch: 2016

Afghanistan	01	Maldives	Nil
Bangladesh	01	Nepal	02
Bhutan	01	Pakistan	01
India	13	Sri Lanka	Nil
Others	Nil		

### Name of Programme: M.Phil./Ph.D. Biotechnology Batch: 2017

Afghanistan	Nil	Maldives	Nil
Bangladesh	01	Nepal	01
Bhutan	Nil	Pakistan	Nil
India	02	Sri Lanka	Nil
Others	Nil		

### Name of Programme: Ph.D. Biotechnology Batch: 2016

Afghanistan	Nil	Maldives	Nil
Bangladesh	02	Nepal	02
Bhutan	Nil	Pakistan	Nil
India	04	Sri Lanka	Nil
Others	Nil		

**Name of Programme: Ph.D. Biotechnology  
Batch: 2015**

Afghanistan	Nil	Maldives	Nil
Bangladesh	01	Nepal	02
Bhutan	Nil	Pakistan	Nil
India	05	Sri Lanka	Nil
Others	Nil		

**Name of Programme: Ph.D. Biotechnology  
Batch: 2014**

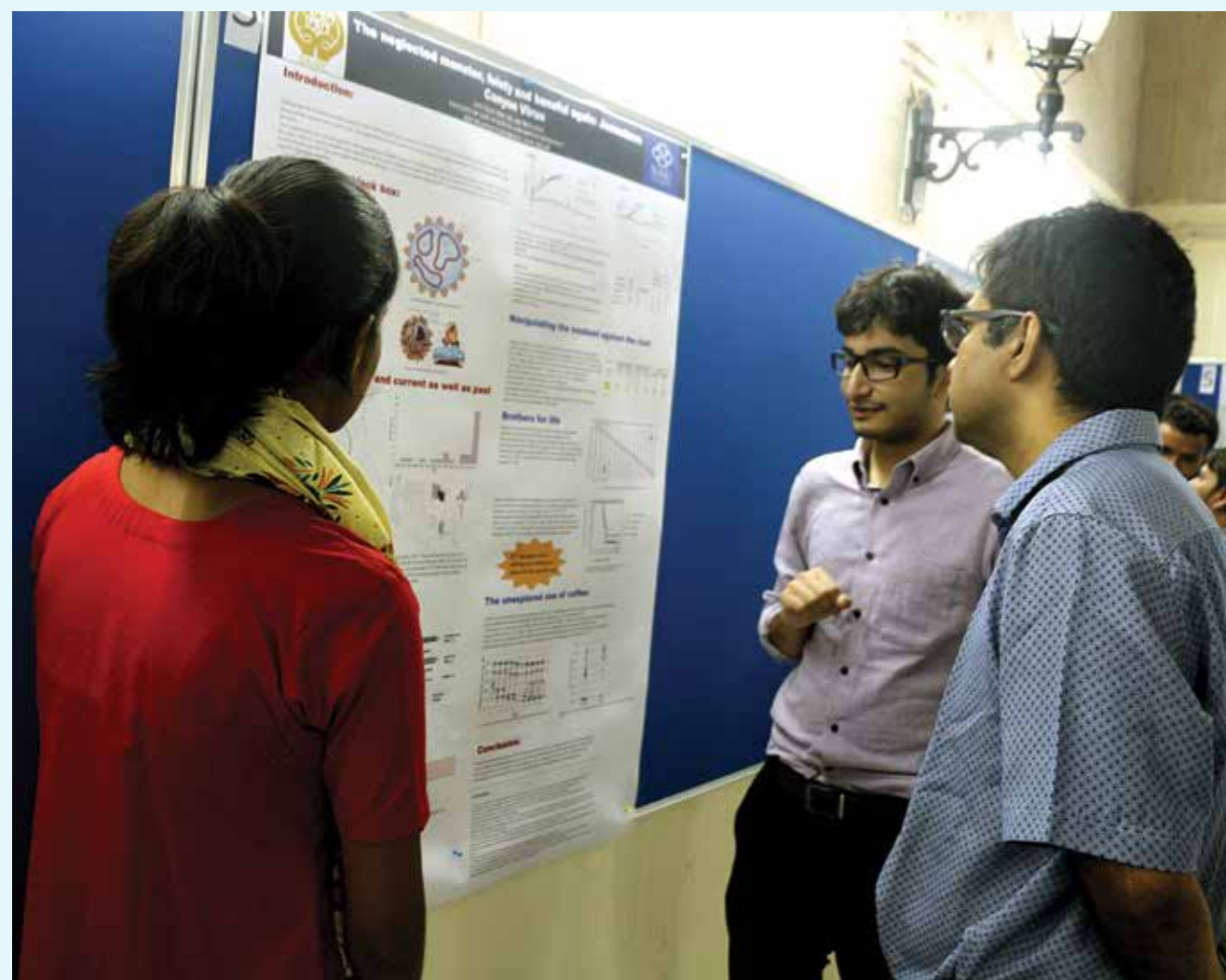
Afghanistan	Nil	Maldives	Nil
Bangladesh	Nil	Nepal	03
Bhutan	Nil	Pakistan	Nil
India	05	Sri Lanka	Nil
Others	Nil		

**Name of Programme: Ph.D. Biotechnology  
Batch: 2013**

Afghanistan	Nil	Maldives	Nil
Bangladesh	01	Nepal	04
Bhutan	Nil	Pakistan	Nil
India	05	Sri Lanka	Nil
Others	Nil		

**Faculty members:**

Photo	Name	PhD Affiliation	Designation	Areas of Specialisation/Interest
	Rajiv K. Saxena	All India Institute of Medical Sciences, New Delhi, 1977	Emeritus Professor, FLSB SAU	Immunology, Erythropoiesis, Nanoparticles Interaction with Biology
	Senthil Kumar Venugopal	All India Institute of Medical Sciences, New Delhi, 2000	Associate Dean & Associate Professor	Biomedical Research, Molecular Mechanisms involved in the Progression of Liver Disease
	Ritu Gaur	National Institute of Immunology, New Delhi, 2001	Associate Professor	Virology: Host-Pathogen Interactions and Developing Antivirals against HIV-1
	Nirotpal Mrinal	CDFD, Hyderabad, 2008	Assistant Professor	Genetic and Epigenetic regulation of Gene Expression
	Rinkoo D. Gupta	Department of Zoology, Banaras Hindu University, 2005	Assistant Professor	Protein Science: Protein Engineering, Enzymology and Drug Discovery
	Priti Saxena	National Institute of Immunology, New Delhi, 2008	Assistant Professor	Chemical Biology of Host Pathogen Interactions in Mycobacterial Diseases
	Ananda Mustafiz	International Center for Genetic Engineering and Biotechnology, New Delhi, 2010	Assistant Professor	Plant Molecular Biology/Abiotic Stress Tolerance in Plants
	Ravi Shankar Akundi	University of Freiburg Medical School, Freiburg, Germany, 2005	Assistant Professor	Neurodegeneration and Inflammation in the Brain
	Yuba Raj Pokharel	Chosun University, Gwangju, Republic of Korea, 2009	Assistant Professor	Cancer Biology, Oncogenic Activity of Protein Interactions of Already Established Bait Oncoproteins
	A.K.R.Gobinath	Biotechnology Indian Institute of Technology Chennai, 2008	Assistant Professor	Bioprocess and Biochemical Engineering Bio Energy and Value-added Products



### Awards/Honours/Special Recognition

**Gobinath, A.K.R.:** Best Oral Presentation Award for his paper entitled 'Anaerobic fermentation process for production of biohydrogen from pretreated fruit wastes' at 19th International Conferences on Applied Biosciences and Biotechnology, Singapore, 8-9 Jan 2017.

**Gupta, R.D.,** honoured with **Prof. A RameshaRao Young Scientist Award** for the presentation on "Anti-apoptotic function of mitochondrial Paraoxonase (PON2) in cancerous cells" at the 6th Annual Conference of the Society for Mitochondrial Research and Medicine-India; International Conference on Mitochondria in Health and Disease, 10-11 Feb., 2017.

**Saxena R.K.,** Guest of honor at the Meerut Literary Festival (24-26 Nov 2017). Awarded the *Kranti Dhara Meerut Sahatyik Surjan Samman* for contribution to Hindi poetry and literature.

### Grants and Fellowships Conferred on Members of the Faculty

**Akundi,R.S.,** Council of Scientific and Industrial Research, GOI grant for 'Investigating the role of exogenous ATP in cancer metastasis', 2017-2020, INR 2.7 million.

**Akundi, R.S.,** Department of Science and Technology, GOI grant for 'Investigating the role of exogenous ATP in modulating inflammation in the rodent brain', 2017-2020, INR 6.2 million.

**Akundi, R.S.,** South Asian University, Institute for South Asian Studies grant for 'Sickle cell anemia and its coexistence with alpha and beta thalassemia in a cohort of indigenous Tharu population of Nepal: Implications for the South Asian region', 2016-2018, USD 15,000.

**Akundi, R.S.,** South Asian University, Intramural Start-Up grant for 'P2-receptor mediated modulation of prostaglandin E2 synthesis in rodent brain', 2013-2017, USD 45,000.

**Gaur, R.,** Department of Science and Technology, GOI grant for 'Elucidating the mechanism of action of potent and broadly active HIV-1 maturation inhibitors, a novel class of antiretroviral drugs', 2017-2020, INR 5 million.

**Gaur, R.,** South Asian University, Startup Research grant for 'Study of Molecular Interactions of Human Immunodeficiency Virus/Simian Immunodeficiency Virus

Accessory Proteins with Host Cell factor(s)', 2012-2017, INR 4.5 million.

**Gobinath, A.K.R.,** Science & Engineering Research Board, Department of Science & Technology-India, Early Career Research grant for 'Direct fermentation of cellulose and ligninases-pretreated cellulosic biomass by recombinant clostridium strain for the production of butanol-a superior alternative fuel', 2016-2019, INR. 5.06 million.

**Gobinath, A.K.R.,** South Asian University, Startup Research grant for 'Anaerobic clostridial fermentation for production of butanol (a superior alternative fuel) from domestic and commercial food waste', 2016-2019, USD 30,000.

**Gupta, R.D.,** Defence Research and Development Organization, GOI grant for 'Development of v-type Nerve Agent Hydrolyzing Enzyme from LSRB', 2017-2020, INR 2.7 million.

**Gupta, R.D.,** Science Engineering Research Board, GOI grant for 'Redesigning of Bacterial Endochitinase for Enhanced Antifungal Property', 2018-2021, INR 4.5 million.

**Mustafiz, A.,** South Asian University, Intramural Start-Up grant for 'Deciphering role of multiple active glyoxalase I (GLY I) of Arabidopsis in alleviating abiotic stress', 2013-2017, USD 45,000.

**Mustafiz, A.,** Department of Science and Technology, GOI grant for 'Genome wide analysis of ascorbate oxidase multi-gene family and elucidating its role in negative regulation of stress response in rice', 2014-2017, INR 2.4 million.

**Pokharel, Y.R.,** South Asian University, Institute for South Asian Studies grant for 'Analysis of EGFR mutations in non-small cell lung cancer patients visiting Nepal Cancer Hospital and Research Centre', 2016-2019, INR 1.127 million.

**Pokharel, Y.R.,** South Asian University, Intramural Start-Up grant for 'Identification of Pin1 interacting protein CSNK2B as a novel prostate cancer biomarker for future" cancer therapy', 2013-2017, USD 45,000.

**Saxena, R.K.,** Department of Science and Technology grant for 'Modulation of erythroid line of differentiation and erythrocyte turnover in mouse model of autoimmune hemolytic anemia', 2013-2017, INR 4 million.

**Saxena, R.K.,** JC Bose National Research Fellowship Award from DST, Travel and research contingency.2014-2019, INR 6.3 million.

**Saxena, R.K.,** Department of Science and Technology grant for 'Uptake and effects of control and target directed carbon nanoparticles by differentiating and matured subpopulations of leukocytes in resting and activated states', 2015-2018, INR 21 million.

**Venugopal, S.K.,** Department of Science & Technology grant for 'Progression of Non-alcoholic fatty liver disease to hepatocellular carcinoma: A role for microRNAs and glucose homeostasis', 2016 – 2019, INR 5 million.

### Editorial/Reviewing and Refereeing Appointments

**Akundi, R.S.** reviewer for the journal *Neurotoxicology and Molecular Neurobiology*.

**Gaur, R.** reviewer for *Nature Scientific Reports; Virology; Cancer; Oncotargets and Therapy*.

**Gobinath, A.K.R.** Peer reviewed for *Environmental Technology and BMC Biotechnology*

**Gupta, R.D.** Peer reviewed for *African Journal of Biotechnology, Current Microbiology, Journal of General and Applied Microbiology and Biomed Research International*.

**Mustafiz, A.** Peer reviewed for *Frontiers in Plant Science and PLOS One*.

**Pokharel, Y.R.** Editor-in-Chief: *International Journal of Medicine and Biomedical Sciences*; Editor & Reviewer for *Journal of Pharmacy and Pharmacology*; Editorial Board Member: *Life Sciences: An International Journal*; Editor: *Journal of Microbiology Research Society*; Reviewer: *The International Institute of Knowledge Management; Trends in Carbohydrates*

**Venugopal, S.K.** Editor: *BioMed Research International*; Reviewer: Extramural grants for Department of Biotechnology, GOI and Department of Science and Technology, GOI; Peer reviewer for *Scientific Reports, PLOS one, BMC Cancer, Hepatology International*.

### Appointments to Memberships of National/ International Bodies

**Akundi, R.S.,** Member, Society for Neuroscience, USA; Member, International Brain Research Organization, France;

Life Member, Indian Academy of Neuroscience, India; Life Member, Society for Neurochemistry India.

**Gaur, R.,** Society of Biological Chemists (SBC), India; American Society of Microbiologists (ASM).

**Gupta, R.D.,** Life Member, Indian Science Congress; National Academy of Biological Sciences, Asian Federation of Biotechnology, International Academy of Physical Sciences, India, Royal Society of Chemistry, Biochemical Society, Advancing Molecular Biosciences.

**Pokharel, Y.R.,** Ethical Committee Member of National Liver Disease Biobank, India

### Prof. Rajiv. K. Saxena :

Fellowship, Indian Science Academy, Bangalore  
Fellowship, National Science Academy, Allahabad  
Fellowship, Indian National Science Academy, New Delhi  
JC Bose National Research Fellowship

**Venugopal, S.K.,** American Association for the Study of the Liver, USA.

### Publications

#### Chapter in Book / Article in Journal

Pant K, Misra AK, Venugopal, S.K., MicroRNAs in the progression of hepatocellular carcinoma. CRC Press. ed. Paul J., Taylor & Francis.

Batth R, Jain M, Kumari S, **Mustafiz A**, Glyoxalase System: A Glutathione-Dependent Pathway for Abiotic Stress Tolerance in Plants. Glutathione in Plant Growth, Development, and Stress Tolerance, **Springer**, 235-263

Sharma, R.K., Candelario-Jalil, E., Feineis, D., Bringmann, G., Fiebich, B.L., **Akundi, R.S.** 1-trichloromethyl-1,2,3,4-tetrahydro-beta-carboline (TaClo) alters cell cycle progression in human neuroblastoma cell lines. *Neurotoxicology Research*, 32(4):649-660

Ghimire D, Timilsina U, Srivastava T and **Gaur R (2017)** Insights into the activity of maturation inhibitor PF-46396 on HIV-1 clade C. *Nature Scientific Reports*, 2 March, 7: 43711.

**Gobinath, R.,** Kavitha, S., Kun-Lin, Y. Production of prebiotic-xylooligosaccharides from alkali pretreated mahogany and mango wood sawdust by using purified xylanase of Clostridium strain BOH3, *Carbohydrate Polymers*, 2017, Vol. 167, pp 158-166.

Agarwal D, **Gupta RD** and Awasthi SK. Antimalarial hybrid molecules: a close reality or a distant dream? *Antimicrob Agents Chemother.* 2017. pii: AAC.00249-17. PMID: 28289029.

Mathew BP, Tandon R, Batra N, Agarwal D, Bose M, **Gupta RD** & Nath M. Environmentally benign synthesis and anti-mycobacterial evaluation of 9,10-dihydro-4-methyl-chromeno[8,7-e][1,3]oxazin-2(8H)-one derivatives. *Indian Journal of Chemistry* Vol. 56B, December 2017, pp 1237-1242.

Batth R, Singh K, Kumari S, **Mustafiz A**, (2017) Transcript profiling reveals the presence of abiotic stress and developmental stage specific ascorbate oxidase genes in plants, *Frontiers in Plant Science*, 8.

Sudan J, Raina M, Singh R, **Mustafiz A**, Kumari S (2017) A modified protocol for high-quality DNA extraction from seeds rich in secondary compounds, *Journal of Crop Improvement* 31 (5), 637-647

Khag Raj Sharma, Shibendra Kumar LalKarna, Surya Kant Kalauni & **Pokharel. Y.R.** Phytochemical analysis and in vitro anti-microbial screening of some selected medicinal plants of Nepal. *International Journal of Recent Scientific Research.* 2017; Vol. 8(1):14986-14994.

Chatterjee, S. and **Saxena, R.K.** (2017) A Double in vivo Biotinylation Technique to Assess Erythrocyte Turnover in Blood Circulation. In *Transfusion Medicine*, ed. Ankie Koopman-van Gemert., InTech Publishers, European Union [ISBN: 978-953-51-5473-0] p 3-21

Chatterjee, S. and **Saxena, R.K.** (2017) Binding of Autoantibodies and Apoptotic Response in Erythroid Cells in the Mouse Model of Autoimmune Hemolytic Anemia Hematology *Transfusion International Journal*, 5(2), 155

Chatterjee, S. and **Saxena, R.K.** (2017) Erythrocyte Turnover and Erythropoietic Patterns in Two Different Experimental Mouse Models of Anemia. In *Frontiers in Clinical Drug Research-Haematology*, ed. Atta-ur-Rehman, Bentham Science Publishers

Alam, A. and **Saxena, R.K.** (2017) Natural Killer Cells Interaction with Carbon Nanoparticles. In *Natural Killer Cells*, ISBN: 978-953-51-5499-0, ed. Mourad Aribi, InTech Publishers, European Union

**Saxena, R.K.** (2017) Modulation of the immune system by carbon nanoparticles, in *Trends in Biomedical Research*,

SK Gupta (ed), Indian Society for Study of Reproduction and Fertility, New Delhi

Singh AK, Rooge SB, Varshney A, Vasudevan M, Bhardwaj A, **Venugopal SK**, Trehanpati N, Kumar M, Geffers R, Kumar V, Sarin SK. Global micro RNA expression profiling in the liver biopsies of Hepatitis B Virus infected patients suggests specific miRNA signatures for viral persistence and hepatocellular injury. *Hepatology.* Nov 30.

Pant K, Saraya AN, **Venugopal SK**. Oxidative stress plays a key role in butyrate-mediated autophagy via Akt/mTOR pathway in hepatoma cells. *Chem Biol. Interactions.* 273:99-106.

Pant K, Yadav AK, Gupta P, Islam R, Jain A, Saraya AN, **Venugopal SK**. Butyrate induces ROS-mediated apoptosis via modulation of miRNA-22/SIRT-1 regulatory axis in Hepatoma cells. *Redox Biol.* 12:340-349.

Pant K and **Venugopal SK**. Circulating microRNAs: Possible role as non-invasive diagnostic biomarkers in Liver diseases. *Clin Res in Hepatol and Gastro.* 41(4):370-377.

#### Keynote Addresses and Invited Talks

**Akundi, R.S.**, 'The Red Side of ATP: Exogenous ATP enhances inflammation mediated by macrophages', at the 3rd International South Asian Biotechnology Conference, Kathmandu, Nepal, 17 March 2017.

**Gaur, R.**, Chairperson, Scientific Session at South Asian Biotechnology Conference, Kathmandu, Nepal, March 16-18, 2017.

**Gaur, R.**, Chairperson, Biological Science session at Society of Biological Chemist meeting at JNU, New Delhi, from 16-19 Nov, 2017.

**Gaur, R.**, "Human Immunodeficiency Virus: Cellular restrictions factors, miRNA and maturation" at South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University, Kathmandu, 16-18 Mar 2017.

**Gaur, R.**, "Development of HIV-1 Maturation Inhibitors" organized by Society of Biological Chemists at Jawaharlal Nehru University, New Delhi, 16-19 Nov 2017.

**Gupta, R.D.**, 'Metal-Based Enzyme Promiscuity Of Bacterial Prolyl Aminopeptidase', 3rd International South

Asian Biotechnology Conference, Kathmandu, 16-18 Mar 2017.

**Mustafiz, A**, Muskan J, Batth R, Nagar P, Agarwal S, Singh K "Gene family analysis: A reverse genetics approach to understand abiotic stress tolerance in plants" at South Asian Biotechnology Conference, Kathmandu, 16-18 Mar 2017.

**Mustafiz, A** "Exploring candidate genes to engineer stress resilient crops" at, Biochemistry and Molecular Biology Department, Dhaka University 12 Jul 2017.

**Pokharel. Y.R.**, "Pin1 mediated PTOV1 expression induced cancer cell proliferation by inhancing expression of Bcl-xL anti-apoptotic gene" at South Asian Biotechnology Conference-2017, organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

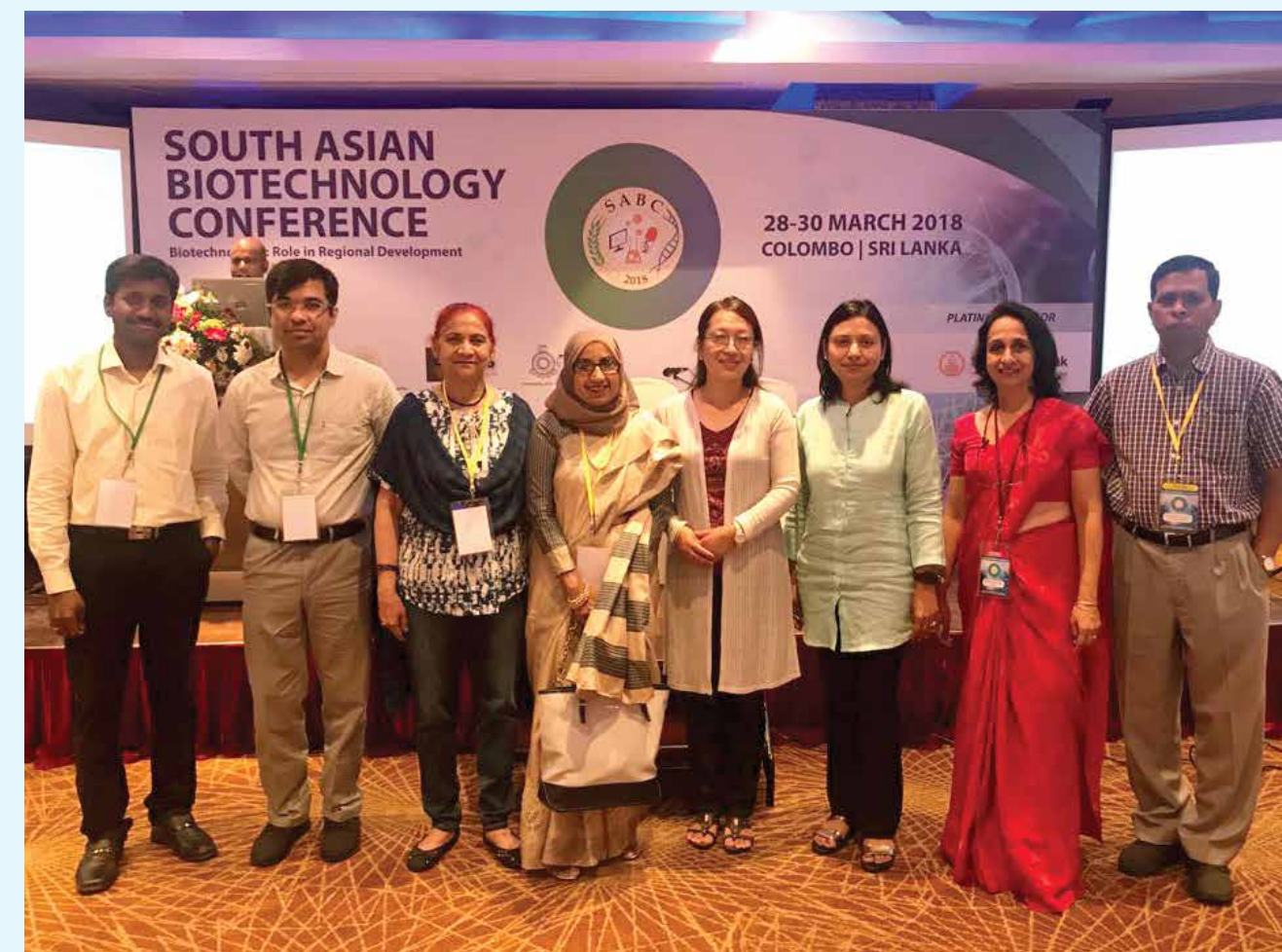
**Saxena P.** "Investigation of Functional Importance of Polyketide Biostynthetic and Modifying Enzymes

in Corynebacterineae" at South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University, Kathmandu, 16-18 Mar 2017.

**Venugopal S.K.**, Pant K, Yadav AK, Misra AK, Gupta P, Pradhan, S. "Survival of HBV in host cells: Role for oxidative stress in autophagy and viral replication" at South Asian Biotechnology Conference-2017, organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

**Venugopal, S.K.**, Co-Chairperson, Panel Discussion on "Strategies for promotion of joint research collaborations among SAARC nations", in SAARC Nation's Workshop on Techniques in Physiological Sciences, 6-8 Dec 2017.

**Venugopal S.K.**, Panelist on SAARC Nation's workshop on "Techniques in physiological sciences", All India Institute of Medical Sciences, New Delhi, India. 6-8 Dec 2017.



### Papers Presented and Lectures Delivered

**Gaur, R.,** 'Mechanistic Insights into the Activity of Maturation Inhibitors Bevirimat and PF-46396 Against HIV-1 Clade C' at "Retroviruses", organized by Cold Spring Harbor, USA, 22-27 May 2017.

**Gobinath, A.K.R.,** 'Production of hydrogen from pretreated waste biomass by Clostridial fermentation'. International Conference on Biotechnology and Healthcare-2017, Hyderabad, 26-27 Oct 2017.

**Gobinath, A.K.R.** 'Optimization of alginate-silica gel concentration to effectively immobilize endoxylanase for production of prebiotic-xylo oligosaccharides from beech wood xylan'. Third International South Asian Biotechnology Conference -2017 at Kathmandu, 16-18 Mar 2017.

**Gobinath, A.K.R.,** Kun-Lin, Y., 'Anaerobic Fermentation Process for Biohydrogen Production from Pretreated Fruit Waste'. 19th International Conference on Applied BioScience and Biotechnology, Singapore, 8-9 Jan 2017.

**Gupta, R.D.,** 'Anti-apoptotic function of mitochondrial Paraonase (PON2) in cancerous cells'. 6th Annual

Conference of Society on Mitochondrial Research and Medicine-India and International Conference on Mitochondria in Health and Disease, 10-11 Feb 2017.

**Mustafiz, A.,** Jain A, Batth R, Kumari S, 'Exploring the Role of Multiple Glyoxalase Genes in Plants', In vitro cellular & developmental biology-animal 53. The 2017 In Vitro Biology Meeting, North Carolina, 10-14 Jun 2017.

Kumari S, Sudan J, Sharma D, **Mustafiz, A.,** 'C-terminally Encoded Peptides as Candidates for Abiotic Stress Response in Plants', In vitro cellular & developmental biology-animal 53. The 2017 In Vitro Biology Meeting North Carolina, 10-14 Jun 2017.

**Pokharel, Y.R.,** & Sharma A., 'Novel Protein PQBP1 in Cancer Progression'. 2nd Indian Cancer Congress, 8-12 Nov 2017.

**Venugopal SK,** Pant K, Yadav AK, Misra AK, Pradhan, S. 'Modulation of host cellular pathways by HBV-induced ROS in modulating autophagy and inflammation in hepatic cells'. Indian Association for the Study of Liver, New Delhi, 3-6 Aug 2017.

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
8	18.08.2017	Ups and downs in the war between humans and bacteria: application of innate immune proteins as protein antibiotics	Prof. T. P Singh, Ph.D. Department of Biophysics, All India Institute of Medical Sciences, New Delhi
9	01.09.2017	Bioconversion of lignocellulose to ethanol by recombinant yeast	Prof. Virendra Swarup Bisaria, Department of Biochemical Engineering and Biotechnology, Former Dean, Industrial Research and Development, Indian Institute of Technology, New Delhi
10	15.09.2017	Role of host cell proteins in Japanese Encephalitis virus life cycle	Prof. Sudhanshu Vрати, PhD, Executive Director, Regional Centre for Biotechnology
11	13.10.2017	The proteomic landscape of plant cell wall and defense response: Turning knowledge into application	Dr. Niranjana Chakraborty, Director, National Institute of Plant Genome Research, New Delhi
12	03.11.2017	Disorders of proliferation: Analysis of novel pathways and targets	Dr. Rahul Pal, National Institute of Immunology, New Delhi
13	17.11.2017	Role of polyphenols in cancer chemoprevention	Prof. Sarwat Sultana, Dpt. of Medical Elementology and Toxicology, Jamia Hamdard University

### Talks and Lectures organized:

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	20.01.2017	How is the MHC-Class II Peptide Repertoire selected by HLA-DM?	Dr. Dhruv Kam Sethi, Assistant Professor, FLSB, South Asian University
2	27.01.2017	A critical look at the spiritual worldview	Dr. Ramesh Bijlani, MD, Sri Aurobindo Ashram- Delhi
3	10.02.2017	Anaerobic clostridial fermentation: A possible way to convert biomass into biofuel	Dr. A K R Gobinath, Assistant Professor, FLSB, South Asian University
4	23.02.2017	Gender bias in Nobel prize awards	Mr. Parthasarathy Ramanujan, IAS (Retd.), Hon Adviser, Government of Gujarat
5	03.03.2017	Pursuit of bacterial taxonomy, genomics and metagenomics	Prof. Rup Lal, University of Delhi, North Campus
6	31.03.2017	Altered homocysteine metabolism and neuronal death - dissecting the pathways to destruction	Dr. Sowmya Sinha Roy, CSIR - Institute of Genomics and Integrative Biology
7	21.04.2017	Developing insect resistant cotton transgenics - our experience	Prof. Pradeep Kumar Burma, University of Delhi South Campus



## Students' Achievements

**Sharma, R.,** Akundi, R.S., 'Characterization of the pro-neurotoxic effects of TaClo in the pathogenesis of Parkinson's disease'. 3rd International South Asian Biotechnology Conference, Kathmandu, 17 Mar 2017.

**Timilsina, U.** and Gaur, R., 'Development of HIV-1 maturation inhibitors: Bevirimat and its analogs'. Molecular Virology Meeting organized by Translational Health and Science Institute, 6-7 Feb 2017.

**Ghimire, D.** and Gaur, R., 'Insights into the activity of Maturation Inhibitor, PF46396 on HIV clade C'. Molecular Virology Meeting organized by Translational Health and Science Institute, 6-7 Feb 2017.

**Mishra, N.** and Gaur, R., 'Bioinformatic, Structural and Functional analysis of APOBEC3B'. South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

**Dutta R.K.** and Gupta, R.D., 'Promiscuous Activity Of SMP30/Regucalcin in the Presence of Different Divalent Metal Cations'. 3rd International South Asian Biotechnology Conference, Kathmandu, 16-18 Mar 2017.

**Sarker A, Rathore A.S.** and Gupta, R.D., 'Successful Refolding of Dengue Virus Specific Single Chain Variable Fragment Antibody'. Protein Structure and Dynamics in Health and Agriculture organized by the Department of Biosciences and Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, 3-4 Nov 2017.

**Dutta R.K.** and Gupta, R.D., 'Metal-dependent Enzyme Promiscuity of Senescence Marker Protein'. BioZest-2017 organized by South Asian University, 10 Nov 2017.

**Timilsina, U.** and Gaur, R., 'Development of potent HIV-1 maturation inhibitors: Bevirimat and its analogs'. South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

**Madhu** and Gaur, R., 'Construction of an in-vitro HIV subtype C latency model'. BioZest-2017 organized by South Asian University, 10 Nov 2017.

**Giri, G.R.** received Best Poster Award for "Study of the Mycobacterial Type III Polyketide Synthase and Modifying Enzyme" at South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

**Giri, G.R.** Oral presentation on "Study of the Mycobacterial Type III Polyketide Synthase and Modifying Enzyme". South Asian Biotechnology Conference-2017 organized by Nepal Biotechnology Association, Central Department of Biotechnology and South Asian University at Kathmandu, 16-18 Mar 2017.

**Mahato, R.K.,** Hossain, M., Iffat Fatema and Gobinath, A.K.R., 'Design and development of a cost effective agro-residue based medium for amylase production from new *Bacillus axarquensis* Strain IBT101' at Biological Engineering Society (BESCON), New Delhi, 8-9 Sep 2017.

**Jain M, Batth R.,** Mustafiz A 'Both Zn<sup>2+</sup> and Ni<sup>2+</sup> dependent Glyoxalase I enzymes coexist in a eukaryote, *Arabidopsis thaliana*'. South Asian Biotechnology Conference-2017, Kathmandu, 16-18 Mar 2017.

**Aggarwal S,** Mustafiz A 'Genome Wide Analysis of C-terminal Encoded Peptide (CEP) in Plants'. South Asian Biotechnology Conference-2017 at Kathmandu, 16-18 Mar 2017.

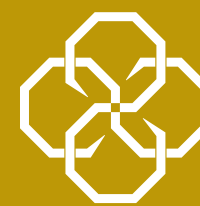
**Muskan Jain** attended a summer school 'Sustainable agricultural solutions' Ben Gurion University, Negev, Israel, 2-27 Jul 2017.

Venugopal SK, **Pant K,** Yadav AK, Misra AK, Pradhan, S. 'Modulation of host cellular pathways by HBV-induced ROS in modulating autophagy and inflammation in hepatic cells'. Indian Association for the Study of Liver Meeting, New Delhi, 3-6 Aug 2017.

**Mahato, R.K. Bhattacharyya, A. and Singh, S.** attended the Bioprocess Engineering -Workshop at New Delhi organized by Eppendorf, 30 Nov 2017.

**Sharma Aveksha,** e-Poster Presentation on 'Novel Protein PQBP1 in Cancer Progression' 2nd Indian Cancer Congress, 8-12 Nov 2017.





# Faculty of Mathematics & Computer Science



# Department of Computer Science

## Faculty of Mathematics and Computer Science

The Department of Computer Science, established by the University in 2010, is one of the most vibrant departments of the Faculty of Mathematics and Computer Science. The department initiated its teaching activities through a post-graduate programme in Computer Science in 2010, and later it started a PhD programme in Computer Science in 2013. For each programme, the department follows a unique up-to-date curriculum with the aim of equipping students with theoretical and analytical skills as well as thorough knowledge and expertise in the latest state-of-the-art techniques in IT, so that they can work competently in diverse areas.

Keeping in mind that university departments also have a responsibility to groom skilled and competent professionals to face global challenges with new insights and problem-solving abilities, the Department of Computer Science, with students from all SAARC nations, aims to produce Computer Science professionals competent enough to fulfill the industrial and research needs of their countries. With a dedicated and competent faculty, our students have been able to make a mark for themselves in different parts of the world.

To strengthen research activities, the department has formulated a comprehensive laboratory plan with one general-purpose computing laboratory and seven specialized laboratories, including Computational Intelligence Lab, Hardware & Digital Systems Lab, Real-Time Systems Lab, Data Analytics & Cyber Security Lab, Machine Learning Lab, Wireless Networks & Mobile Computing Lab, and Intelligent Systems & Text Analytics Lab.

Several academic and professional activities were organized in the calendar year 2017, including three International Workshops; one on Hybrid Soft Computing and Data Analytics (HSCoDA, 10-11 Jan 2017), another on Data Analytics and Machine Intelligence (DAMI, 11-

13 Dec. 2017, at Tribhuvan University, Nepal), and one on Computational Intelligence and Machine Learning (CIML, 14-16 Dec. 2017). The department has also undertaken a number of research collaborations with reputed institutions and researchers across the globe.

### Students Admitted and Country-Wise Break-Up

#### Name of Programme: M. Sc. (Batch: 2017)

Country	Students	Country	Students
Afghanistan	07	Maldives	Nil
Bangladesh	02	Nepal	01
Bhutan	01	Pakistan	Nil
India	12	Sri Lanka	01

Total: 24

#### M. Sc. Computer Science (2016)

Country	Students	Country	Students
Afghanistan	04	Maldives	Nil
Bangladesh	03	Nepal	04
Bhutan	01	Pakistan	01
India	15	Sri Lanka	Nil







Total: 28

#### PhD (2013-2017)

Country	Students	Country	Students
Afghanistan	01	Maldives	Nil
Bangladesh	05	Nepal	02
Bhutan	Nil	Pakistan	01
India	17	Sri Lanka	Nil

Total: 26

### Faculty Members:

Photo	Name	PhD Affiliation	Designation	Areas of Specialisation/Interest
	Ranjan Kumar Mohanty	IIT Delhi	Professor (Dean)	Numerical Methods, Partial Differential Equations, Computational Fluid Dynamics
	Muhammad Abulaish	IIT Delhi	Associate Professor & Chairperson	Data Analytics and Mining, Web Intelligence, Cyber Security
	Pranab Muhuri	IIT (BHU)	Associate Professor	Real-Time Systems, Computational Intelligence, Soft Computing
	Amit Banerjee	National Tsing-Hua University, Taiwan.	Assistant Professor	Cloud Computing, Network Security, Wireless Networks, Mobile Computing
	Reshma Rastogi (nee Khemchandani)	IIT Delhi	Assistant Professor	Machine Learning, Optimization, Support Vector Machines, Computer Vision
	Shashidhar Ram Joshi	Tribhuvan University, Nepal	Visiting Professor	Image Processing, Pattern Recognition, and Particle Tracking Velocimetry



## Editorial/Reviewing and Refereeing Appointments

### Dr. Muhammad Abulaish:

Associate Editor: *Journal of King Saud University – Computer and Information Sciences*, Elsevier.  
Reviewer: *IEEE Transactions on Knowledge and Data Engineering*, IEEE  
Reviewer: *IEEE Access*, IEEE  
Reviewer: *Social Network Analysis and Mining*, Springer  
Reviewer: *Knowledge and Information Systems*, Springer  
Reviewer: *Information Sciences*, Elsevier  
Reviewer: *Digital Investigation*, Elsevier  
Reviewer: *Journal of Biomedical Informatics*, Elsevier  
Reviewer: *Journal of Network and Computer Applications*, Elsevier  
Reviewer: *IETE Journal of Research*, Taylor & Francis  
Reviewer: *Information Systems Frontiers*, Springer  
Reviewer: *Sadhana (Academy Proceedings in Engineering Science)*, Springer  
Reviewer: *International Journal of Information Technology & Decision Making*, World Scientific, Singapore.  
Reviewer: *Applied Clinical Informatics*, IMIA, Germany  
Advisory Committee Member: International Conference on Machine Intelligence and Signal Processing, Indore, 22-24 Dec 2017.

IPC Member: IEEE/WIC/ACM International Conference on Web Intelligence, Leipzig, Germany, 23-26 Aug 2017

IPC Member: International Conference on Knowledge Discovery and Information Retrieval, Madeira, Portugal, 1-3 Nov 2017.

IPC Member: International Conference on Big Data Analytics, Hyderabad, 12-15 Dec 2017.

IPC Member: International Conference on Data Science, Technology and Applications, Madrid, Spain, 24-26 July 2017.

IPC Member: Asian Conference on Intelligent Information and Database System, Kanajava, Japan, 3-5 Apr 2017.

IPC Member: International Conference on Computational Collective Intelligence, Nicosia, Cyprus, 27-29 Sep 2017.

IPC Member: International Conference on Bio-inspired Computing: Theories and Applications, Harbin, China, 1-3 Dec 2017.

IPC Member: International Conference on Information and Communication Systems, Irbid, Jordan, 4-6 Apr 2017.

### Dr. Pranab K Muhuri:

Editor: Special issue on "Type-2 Fuzzy Systems and Granular Computing", *Journal of Granular Computing*, Springer.

Organizing Editor: Special session on 'Type-2 Fuzzy Sets in Emerging Systems', World Congress on

Computational Intelligence (WCCI 2018), Rio de Janeiro, Brazil.

Reviewer: *IEEE Transactions on Fuzzy Systems* (IEEE)

Reviewer: *Fuzzy Sets and Systems* (Elsevier Science)

Reviewer: *Computers and Industrial Engineering* (Elsevier Science)

Reviewer: *Fuzzy Optimization and Decision Making* (Springer)

Reviewer: *Wireless Personal Communication* (Springer)

Reviewer: *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems* (World Scientific)

Reviewer: *Engineering Applications of Artificial Intelligence* (Elsevier Science)

Reviewer: *Computer and Industrial Engineering* (Elsevier Science)

Reviewer: *IEEE Access* (IEEE)

### Dr. Reshma Rastogi (nee Khemchandani):

Reviewer: *IEEE transactions on neural networks*, IEEE, USA.

Reviewer: *Information Sciences*, Elsevier.

Reviewer: *Neural Networks*, Elsevier.

Reviewer: *Neurocomputing*, Elsevier.

Reviewer: *Neural Processing Letters*, Springer.

Reviewer: *Artificial Intelligence Review*, Springer.

Reviewer: *Neural computing and its applications*, Springer.

Reviewer: *Journal of machine learning and cybernetics*, Springer.

Reviewer: *Applied Intelligence*, Springer.

IPC Member: International Conference on Data, Engineering and Applications Bhopal, 28-29 Oct 2017.

IPC Member: International Conference on Machine Intelligence and Signal Processing, Indore, 22-24 Dec 2017.

## Memberships of National/International Bodies

### Dr. Muhammad Abulaish:

Senior Member, Computer Society of India, India

Senior Member, IEEE, USA

Senior Member, ACM, USA

Life Member, IETE, India

Life Member, ISTE, India

Life Member, ISCA, India

### Dr. Pranab Muhuri

Member, IEEE Computer Society, USA

Member IEEE Computational Intelligence Society, USA

Member, IEEE SMC Society, USA

Member, ACM, USA

### Dr. Amit Banerjee:

Member, IEEE, USA

### Dr. Reshma Rastogi (nee Khemchandani):

Member, IEEE, USA

## Books

Jayadeva, **R. Khemchandani**, S. Chandra. *Twin Support Vector Machines: Models, Extensions and Applications*. Springer Series on Studies in Computational Intelligence, Vol- 659. Springer Verlag.

## Articles in Journals

Bahrami, R. A., Jayati Gulati, **M. Abulaish**, "Efficient Processing of SPARQL Queries Over GraphFrames", in *Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence*, ACM, Leipzig, Germany, pp. 678-685.

Fazil, M., **M. Abulaish**, "Identifying Active, Reactive, and Inactive Targets of Socialbots in Twitter", in *Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence*, ACM, Leipzig, Germany, pp. 573-580.

Bhat, S. Y., **M. Abulaish**, "A Unified Framework for Community Structure Analysis in Dynamic Social Networks", Hema Banati et al. (eds.) in *Hybrid Intelligence for Social Networks*, Springer, pp. 71-90, 2017.

Fazil, M., **M. Abulaish**, "Why a Socialbot is Effective in Twitter? A Statistical Insight", in *Proceedings of the 9th International Conference on Communication Systems and Networks*, pp. 562-567.

**Abulaish, M.**, Jahiruddin, "A Novel Weighted Distance Measure for Multi-Attributed Graph", in *Proceedings of the 10th Annual ACM India Conference*.

**Banerjee, Amit**, Chung-Ta King and Hung-Chang Hsiao, "On State Maintenance in Cluster-Based Mobile



in Ad-hoc Networks," *Ad Hoc Networks* (Elsevier), Vol 66, Pages 95-109. November 2017. ISSN: 1570-8705.

**Banerjee, Amit**, Mahamudul Hasan, Auhidur Rahman, Rajesh Chapagain, "CLOAK: A Stream Cipher Based Encryption Protocol for Mobile Cloud Computing" in *IEEE Access*, Vol. 5, August 2017. ISSN: 2169-3536.

**Khemchandani, R.**, P. Saigal, S. Chandra, "Angle-based twin support vector machine", in *Annals of Operations Research* (2017): 1-31.

**Khemchandani, R.**, A. Pal, "Tree based multi-category Laplacian TWSVM for content based image retrieval", in *International Journal of Machine Learning and Cybernetics* 8.4 (2017): 1197-1210.

**Khemchandani, R.**, K. Goyal, S. Chandra, "Generalized eigenvalue proximal support vector regressor for the simultaneous learning of a function and its derivatives", in *International Journal of Machine Learning and Cybernetics* (2017): 1-12.

**Muhuri, Pranab K.**, Zubair Ashraf, Q M Danish Lohani. "Multi-objective Reliability-Redundancy Allocation Problem with Interval Type-2 Fuzzy Uncertainty" in *IEEE Transactions on Fuzzy Systems* (2017), IEEE, IF: 7.67.

**Muhuri, Pranab K.**, Prashant K. Gupta, Jerry M. Mendel, "User Satisfaction-Aware Power Management in Mobile Devices based on Perceptual Computing" in *IEEE Transactions on Fuzzy Systems* (2017), IEEE, IF: 7.67.

**Muhuri, Pranab K.**, Amit K. Shukla, "Semi-elliptic membership function: Representation, generation, operations, defuzzification, ranking and its application to the real-time task scheduling problem" in *Engineering Applications of Artificial Intelligence*, 60 (2017): 71-82. Elsevier Science, IF: 2.894

**Muhuri Pranab K.**, Amit Rauniyar, "Immigrants Based Adaptive Genetic Algorithms for Task Allocation in Multi-Robot Systems", in *International Journal of Computational Intelligence and Applications* 16 (4), (2017): 1750025. World-Scientific, ESCI

Shukla, Amit K., Taniya Seth, **Pranab K. Muhuri**, in "Interval type-2 fuzzy sets for enhanced learning in deep belief networks", *FUZZ-IEEE 2017*, pp. 1-6.

Amit K. Shukla, Rahul Nath, **Pranab K. Muhuri**, "NSGA-II based multi-objective pollution routing problem

with higher order uncertainty", in *FUZZ-IEEE 2017*, pp. 1-6.

Tyagi, Sumarga K. S., Deepak K. Jain, Steven L. Fernandes, **Pranab K. Muhuri**, "Thermal-aware power-efficient deadline based task allocation in multi-core processor", in *Journal of Computational Science* Vol. 19 (2017): 112-120, Elsevier Science, IF: 1.748

Banshal, Sumit K., Vivek K. Singh, Aparna Basu, **Pranab K. Muhuri**, "Research performance of Indian Institutes of Technology", in *Current Science* 112, No. 5, pp. 923-932. (2017). IF: 0.843

Gupta, Prashant K., **Pranab K. Muhuri**, "Multi-objective linguistic optimization: Extensions and new directions using 2-tuple fuzzy linguistic representation model", in *FUZZ-IEEE 2017*, pp. 1-6.

Nath, Rahul, Zubair Ashraf, **Pranab K. Muhuri**, Q M Danish Lohani. "BLEAQ based solution for bilevel reliability-allocation problem" in *IEEE- CEC 2017*, pp. 2661-2668. IEEE.

Ashraf, Zubair, Deepika Malhotra, **Pranab K. Muhuri**, Q M Danish Lohani, "Hybrid biogeography-based optimization for solving vendor managed inventory system" in *IEEE- CEC 2017*, pp. 2598-2605. IEEE.

**Rastogi, R.**, P. Anand, S. Chandra, "A v-twin support vector machine based regression with automatic accuracy control", in *Applied Intelligence* 46.3 (2017): 670-683.

**Rastogi, R.**, P. Saigal, "Tree-based localized fuzzy twin support vector clustering with square loss function", in *Applied Intelligence* 47.1 (2017): 96-113.

Saigal, P., V. Khanna, **R. Rastogi**, "Divide and conquer approach for semi-supervised multi-category classification through localized kernel spectral clustering", in *Neurocomputing* 238 (2017): 296-306.

**Rastogi, R.**, P. Anand, S. Chandra, "L1-norm Twin Support Vector Machine-based Regression" in *Optimization* 66.11 (2017): 1895-1911.

**Rastogi, R.**, S. Sharma, S. Chandra. "Robust Parametric Twin Support Vector Machine for Pattern Classification" in *Neural Processing Letters* (2017): 1-31.

**Rastogi, R.**, S. Sharma, "Tree-Based Structural Twin Support Tensor Clustering with Square Loss Function" in *Proceedings of the International Conference on Pattern Recognition and Machine Intelligence* (2017): 28-34.

Anand P., J.P. Pandey, **R. Rastogi**, S. Chandra, "A Privacy Preserving Twin Support Vector Machine Classifier for Vertical Partitioned Data" in *Advances in Intelligent Systems and Computing*, Springer.

Anand P., **R. Rastogi**, S. Chandra, "Generalized- loss function based regression" in *Advances in Intelligent Systems and Computing*, Springer.

### Keynote Addresses and Invited Talks

**Abulaish, M.**, "Mining Blog Data for Open Source Intelligence" at the International Workshop on Data Analytics and Machine Intelligence, jointly organized by South Asian University and Tribhuvan University, Kathmandu, Nepal, 11-13 Dec 2017.

**Abulaish, M.**, "Amalgamation of Textual and Structural Data for Deeper Insight – A Graph-Theoretic Approach for Social Media Data Analytics" at the International Symposium on Computational

Mathematics, Optimization, and Computational Intelligence organized by IIT Indore, under NTU-INDIA connect program, 17-19 July 2017.

**Abulaish, M.**, "Fusing Content and Structural Information for a Deeper Insight" at the Department of Computer Science, University of Delhi, 17 March 2017.

**Abulaish, M.**, "Ranking Social Media Users using Structural and Textual Features" at the National Seminar on Cloud Computing and its Applications organized by School of Engineering Sciences and Technology, Jamia Hamdard, New Delhi, 9-10 March 2017.

**Abulaish, M.**, "Ranking Social Media Users using Structural and Textual Features" at the Faculty Development Program on Machine Learning and its Application in Text and Image Analytics organized by JSS Academy of Technical Education, Noida, 30 Jan - 3 Feb 2017.

**Rastogi, R.**, "Classification: Problems and Algorithms" at the International Workshop on Data Analytics and Machine Intelligence, Tribhuvan University, Kathmandu, Nepal, 12 Dec 2017.



**Rastogi, R.**, 'Machine Learning Applications in Image Processing', International Conference on Machine Intelligence and Signal Processing, IIT Indore, 23 Dec 2017.

#### Papers Presented and Lectures Delivered

M. Fazil, **M. Abulaish**, "Why a Socialbot is Effective in Twitter? A Statistical Insight", Social Networking Workshop, Bengaluru, 4-8 Jan 2017.

**M. Abulaish**. & Jahiruddin, "A Novel Weighted Distance Measure for Multi-Attributed Graph", 10th Annual ACM India Conference, Bhopal, 16-18 Nov 2017.

**Banerjee, Amit**, Mohd Sameen Chishti, Gaurav Kumar, "On Exploring NFC for Half-Duplex Communication in Read/Write Mode," International Conference on Selected Topics in Mobile and Wireless Networking (MoWNeT), Avignon, France, 2017.

Prashant K. Gupta, **Pranab K. Muhuri**, "Multi-objective linguistic optimization: Extensions and new directions using 2-tuple fuzzy linguistic representation model", In Fuzzy Systems at IEEE International Conference, Naples, Italy 9-12 July 2017.

Amit K. Shukla, Taniya Seth, **Pranab K. Muhuri**, "Interval type-2 fuzzy sets for enhanced learning in deep belief networks", at Fuzzy Systems, IEEE International Conference at Naples, Italy, 9-12 July 2017.

Amit K. Shukla, Rahul Nath, **Pranab K. Muhuri**, "NSGA-II based multi-objective pollution routing problem with higher order uncertainty", at Fuzzy Systems IEEE International Conference at Naples, Italy 9-12 July 2017.

Amit K. Shukla, Rahul Nath, **Pranab K. Muhuri**, "NSGA-II based multi-objective pollution routing problem with higher order uncertainty", Fuzzy Systems IEEE International Conference at Naples, Italy 9-12 July 2017.

**R. Rastogi**, S. Sharma, "Tree-Based Structural Twin Support Tensor Clustering with Square Loss Function", at the International Conference on Pattern Recognition and Machine Intelligence, ISI Kolkata, 05 Dec 2017.

Anand P., J.P. Pandey, **Rastogi R.**, S. Chandra, "A Privacy Preserving Twin Support Vector Machine Classifier for Vertical Partitioned Data", at the International Conference on Computational Intelligence: Theories, Applications and Future Directions, IIT Kanpur, 07 Dec 2017.

Anand P., **Rastogi R.**, Chandra S., "Generalized  $\ell_1$ - loss function based regression", at the International Conference on Machine Intelligence and Signal Processing, IIT Indore, 23 Dec 2017.

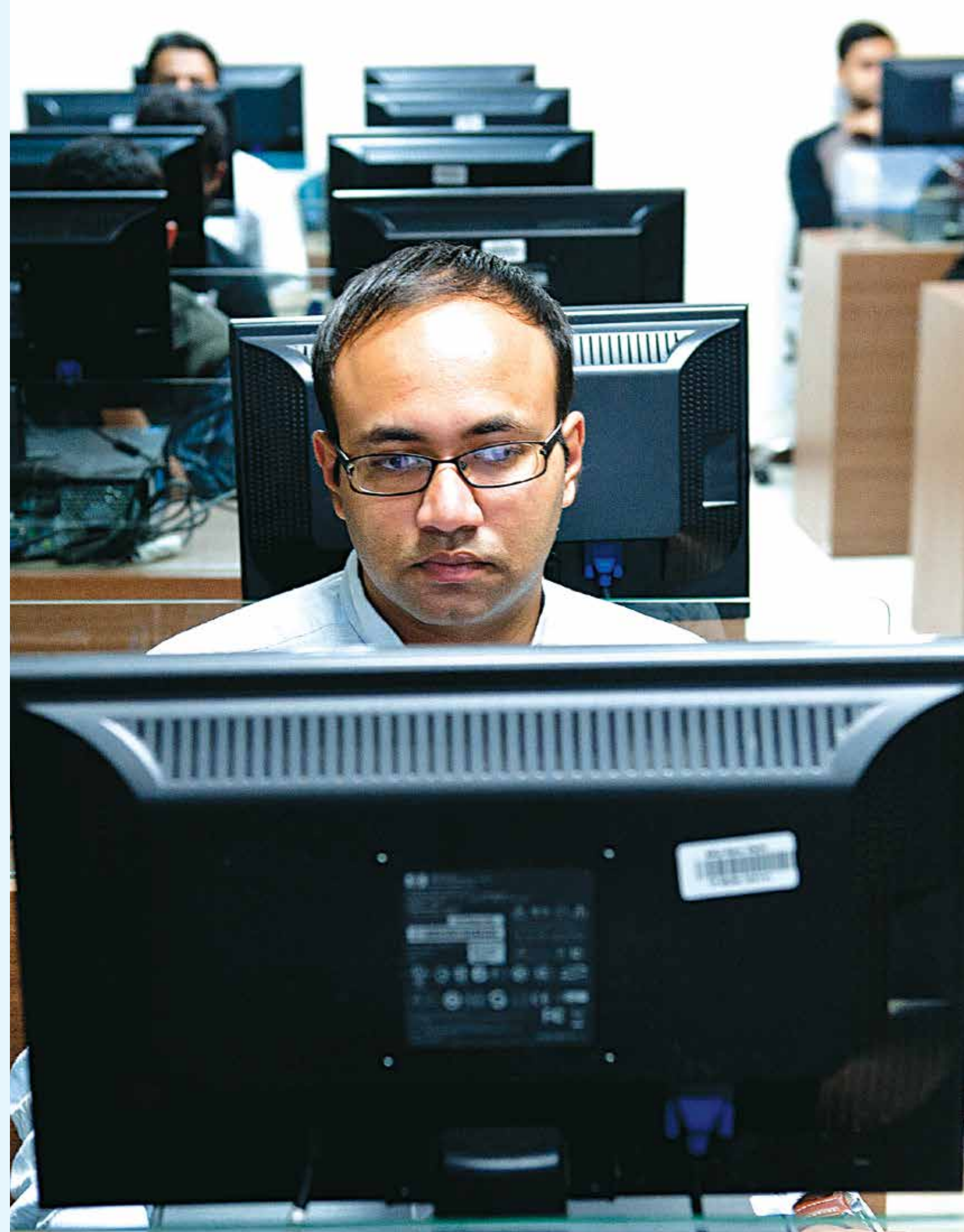
#### Visit of Scholars to the Department/ Special Lectures

Date	Subject/Topic	Speaker's Name with Affiliation
10.01.2017	Hybrid Soft Computing: Challenges and Applications	Prof. Ajith Abraham, MIR Labs, USA
10.01.2017	Web-based Recommender Systems and AA Social Networks	Prof. K. K. Bharadwaj, JNU, Delhi, India
10.01.2017	Text Analytics for Contextual Intelligence and Enrichment of Insights	Dr. Lipika Dey, TCS Innovations Lab, Delhi, India
11.01.2017	Deep Neural Learning	Prof. Ashish Ghosh, Indian Statistical Institute, Kolkata, India
11.01.2017	Swarm Intelligence : A tool for Non-traditional Optimization	Prof. B.K. Panigrahi, IIT Delhi, India
11.01.2017	Scalable algorithms for Pattern Mining	Dr. Vikram Goyal, IIIT Delhi, India
11.01.2017	Evolutionary Algorithms for Bi-Level Optimization	Dr. Ankur Sinha, IIM Ahmedabad, India
25.03.2017	Type-2 Fuzzy Sets and Applications	Prof. Oscar Castillo, Tijuana Institute of Technology, Mexico
25.03.2017	Type-2 Fuzzy Logic Systems-Recent trend	Prof. Oscar Castillo, Tijuana Institute of Technology, Mexico
06.12.2017	Bio Inspired Optimization of Type - 2 Fuzzy Logic Systems	Prof. Oscar Castillo, Tijuana Institute of Technology, Mexico
06.12.2017	An Introduction to Type-2 Fuzzy Sets and Systems'	Prof. Oscar Castillo, Tijuana Institute of Technology, Mexico
14.12.2017	Extreme Learning Machines and its applications	Prof. S. Balasundaram, JNU, Delhi, India
14.12.2017	Mathematics behind machine learning	Prof. S. Chandra, IIT Delhi, India
14.12.2017	Computational Intelligence	Prof. Ajith Abraham, MIR Labs, USA
14.12.2017	Opinion mining and sentiment analysis with deep learning techniques	Prof. Alexander Gelbukh, Centre for Computing Research, Mexico
15.12.2017	Multi-objective and multiattribute decision making	Prof. Pankaj Gupta, Delhi University, Delhi, India
15.12.2017	Stochastic neural model with distributed delay and power law behaviour	Prof. Karmeshu, JNU, Delhi, India
15.12.2017	Evolutionary Algorithms for single objective and optimization and its applications in power systems	Prof. B. K. Panigrahi, IIT Delhi, India
15.12.2017	Deep learning and Deep fuzzy networks	Prof. Nischal K Verma, IIT Kanpur, India
15.12.2017	New Design of hybrid intelligent systems optimization of modular granular neural networks and type-2 fuzzy systems	Prof. Patricia Melin, Tijuana Institute of Technology, Mexico
16.12.2017	Improved genetic algorithm and channel allocation in mobile computing	Prof. D. P. Vidyarthi, JNU, Delhi
16.12.2017	Imperatives of Performability Engineering	Prof. K.B. Misra, IIT Kharagpur, India
16.12.2017	Learning from Big Data using Rough Sets	Prof. N. Chatterjee, IIT Delhi, India
16.12.2017	Smart technologies as drivers for next generation agriculture	Dr. Leisa Armstrong, Edith Cowan University, Australia
16.12.2017	National mission on interdisciplinary cyber physical systems- Indian perspective	Dr. K. R. Murali Mohan, Scientist-G & Head, ICPS Division, DST, Govt. of India



## Students' Achievements

Name	Country	Achievements
Mr. Amit Kumar Shukla	India	Awarded the Inspire Fellowship by DST, Govt. of India
Mr. Mahamudul Hasan	Bangladesh	Awarded "ICT fellowship" by Govt. of Bangladesh
Mr. Md Mahub E Noor Bappy	Bangladesh	Awarded TiGP fellowship by Taiwan government to pursue PhD at National Tsing Hua University, Taiwan
Mr. Sandeep Kumar	India	Awarded the Inspire Fellowship by DST, Govt. of India
Mr. Sumarga Shah Tyagi	Nepal	Awarded Chinese government scholarship to pursue PhD, at the Chinese Academy of Sciences.
Mr. Tanvir Siddiquee	Bangladesh	Awarded Chinese government scholarship to pursue PhD at the Tsinghua University, China
Rahul Yadav	India	Awarded Chinese government scholarship to pursue PhD at the Harbin Institute of Technology, China
Prabhat Ranjan Singh	India	Awarded Chinese government scholarship to pursue PhD at the Wuhan University of Technology, China
Mr. Pervesh Maheshwari	Pakistan	Pursuing PhD at Sungkyunkwan Suwon Campus at South Korea
Mr. Golam Kaderye	Bangladesh	Joined as Lecturer at City University, Dhaka, Bangladesh
Mr. Amit Rauniyar	Nepal	Awarded Visveshvaraya Fellowship by DeitY, Govt. of India.
Ms. Tejasvani Verma	India	Pursuing PhD in Germany
Mr. Mohammad Shoaib	Afghanistan	Joined as Lecturer at Kabul, Afghanistan
Nishu Nath	Bangladesh	Joined as Lecturer at Rangamati University of Science and Technology, Bangladesh
Md. Auhidur Rahman	Bangladesh	Joined as Lecturer at Noakhali University of Science and Technology, Bangladesh.
Al Amin Nipu	Bangladesh	Joined as Lecturer at World University of Bangladesh
Ursalan Mansoor	Pakistan	Working as MEAN Stack Developer at HMI Ventures, Pakistan
Nesar Ahmad Wasi	Afghanistan	Joined SAU as Research Scholar
Him Kafle	Nepal	Joined SAU as Research Scholar
Taniya Seth	India	Won the best prize at the YTD contest at the 3rd European Summer School on Fuzzy Logic and Applications, 17-21 July 2017 at CiTIUS, University of Compostela de Santiago, Spain.
Jalaluddin Khan	Afghanistan	Working as Project Manager at the Presidential Palace, Kabul, Afghanistan
Mohammad Ali Hussiny	Afghanistan	Joined as Lecturer at Khatam Al Nabieen University, Kabul
Ramazan Ali Bahram	Afghanistan	Joined as Data Analyst at Rahe Abrishum , Kabul, Afghanistan
Madan Raj Upreti	Nepal	Joined as Lecturer at Kathford Engineering College, Tribhuvan University, Nepal





Islamabad, Pakistan

# Department of Mathematics

## Faculty of Mathematics and Computer Science

The Department of Mathematics, since its very inception in 2012, has been proving its excellence in Applied Mathematics and Computing and has been vigorously engaged in research, teaching, and training. Growing steadily, today the department offers an M. Sc. in Applied Mathematics and Ph.D. in Mathematics and Applied Mathematics. The department reinforces opportunities for education and research in a wide spectrum of areas in Mathematics by concentrating on Analytical and Computational Methods for Differential and Integral Equations, Numerical Analysis, Graph Theory and Networks, Optimization, Probability and Statistics, Topology, Computational Fluid Dynamics, Financial Derivatives and Modelling. The department also offers a course in Mathematics in South Asia for all students of the University.

The Department has its own state of the art Computational Laboratory that ensures high quality research work. The laboratory-based courses train students in application-oriented practical subjects. Masters students are exposed to advanced research topics through electives and a mandatory one-year project. The Department has eight dedicated faculty members who have proved themselves in teaching and research. From Jan 2017 to Dec. 2017, 39 research papers were published in reputed journals.

The Department continues to maintain a very active academic atmosphere through various initiatives. Four DST sponsored projects under the scheme, Mathematical Research Impact Centric Support (MATRICS) have been awarded to the faculty members. Regular visits of academicians from India and abroad have also resulted in a collaborative research environment.

Initiatives have also been taken to organize International Conferences not only in India but also in other SAARC region such as in Sri Lanka and Bangladesh. Conferences are planned in Nepal and Bangladesh during the year 2018. This ensures active academic upliftment throughout the SAARC regions.

In December, 2017 an international conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, was organized at the South Asian University.

### Students admitted and country-wise break-up

#### M.Sc.

##### Batch: 2016

Country	No. of Students	Country	No. of Students
Afghanistan	02	Maldives	Nil
Bangladesh	Nil	Nepal	Nil
Bhutan	03	Pakistan	Nil
India	23	Sri Lanka	Nil

Total: 28

#### M.Sc.

##### Batch: 2017

Country	No. of Students	Country	No. of Students
Afghanistan	07	Maldives	Nil
Bangladesh	02	Nepal	01
Bhutan	04	Pakistan	Nil
India	13	Sri Lanka	Nil

Total: 27









#### PhD

##### Batch: All

Country	No. of Students	Country	No. of Students
Afghanistan	Nil	Maldives	Nil
Bangladesh	03	Nepal	03
Bhutan	Nil	Pakistan	Nil
India	23	Sri Lanka	Nil

Total: 29

### Faculty members:

Photo	Name	PhD Affiliation	Designation	Areas of Specialisation/Interest
	Ranjan Kumar Mohanty	IIT Delhi, India	Professor (Dean)	Numerical Methods, Partial Differential Equations, Computational Fluid Dynamics
	Pankaj Jain	University of Delhi, India	Associate Professor	Function Spaces, Weighted Norm Inequalities, Integral Operators, Fourier Analysis, Numerical Methods.
	Deepa Sinha	University of Delhi, India	Associate Professor (Chairperson)	Graph Theory (Discrete Mathematics), Fluid Dynamics
	Kapil Kumar Sharma	IIT Kanpur, India	Associate Professor	Numerical Analysis, Delay Differential Equations, Singular Perturbation Theory, Finite Element Methods.
	Q.M. Danish Lohani	Aligarh Muslim University, India	Assistant Professor	Fuzzy Logics, Functional Analysis, Measures of Non-compactness and Matrix Transformations, Statistical Approximations, Stochastic Processes
	Saroj Kumar Sahani	IIT Roorkee, India	Assistant Professor	Mathematical Biology, Non-linear Dynamical System, Bioinformatics
	Navnit Jha	University of Delhi, India	Assistant Professor	Mathematics (Numerical Analysis, Differential Equations, Scientific Computing)
	Jagdish Chand Bansal	IIT Roorkee, India	Assistant Professor	Optimization Techniques, Swarm Intelligence.

### Grants and Fellowships Conferred on Members of the Faculty

**Jain Pankaj**, Partial travel grant from CSIR to participate in the "Spring School on Function Spaces: Embeddings and extrapolation" organized by Charles University, Prague, Czech Republic, May 28 - June 3, 2017.

### Editorial/Reviewing and Refereeing Appointments

**Bansal, J C**, Guest editor, *Swarm and Evolutionary Computation*

**Bansal, J C**, Editor-in-chief, *International Journal of Swarm Intelligence, Inderscience*.

**Jain, Pankaj**, Associate editor, *Journal of Mathematical Inequalities, Eurasian Mathematical Journal, Journal of Inequalities and Special Functions, Advances in Inequalities and Applications*

**Jain, Pankaj**, Advisory editor, *Jordanian Journal of Mathematics and Statistics*.

**Jain, Pankaj**, Reviewer, for American Mathematical Society.

**Jha, Navnit**, Guest editor, *Differential Equations and Dynamical Systems*, Springer.

**Lohani, Q M Danish**, Reviewer, for *IEEE Transactions on Fuzzy Systems*.

**Sharma, Kapil K.**, Associate editor, *Applied Mathematics and Computation*

**Sharma, Kapil K.**, Associate editor, *Differential Equations and Dynamical Systems*, Springer.

**Sinha, Deepa**, Editor- *Mathematica Moravica*, University of Kragujevac, Department of Mathematics, Serbia.

**Sinha, Deepa**, Assistant editor - *Journal of Combinatorics, Information & System Sciences*

#### Appointments to Memberships of National/ International Bodies

**Bansal Jagdish Chand**, General Secretary, Soft Computing Research Society.

**Jain Pankaj**, Member, Area Advisory Board, Amity University, Noida.

**Jain Pankaj**, Member, Board of Studies, Ch. Bansi Lal University, Haryana.

**Sahani S K**, Life Member, Calcutta Mathematical Society.

**Sharma Kapil K.**, Member, Board of Studies, Panjab University, Chandigarh.

**Sinha Deepa**, Life Member, Indian Academy for Mathematical Modeling and Simulation

**Sinha Deepa**, Executive Committee Member, Indian Academy for Mathematical Modeling and Simulation

#### Articles in Journals

**Bansal, Jagdish Chand**, Anshul Gopal, Atulya Kumar Nagar, 'Stability Analysis of Artificial Bee Colony Optimization Algorithm', *Swarm and Evolutionary Computation* (2017), <https://doi.org/10.1016/j.swevo.2018.01.003>: (Impact Factor: 3.893; 5-Year Impact Factor: 7.731)

**Bansal, Jagdish Chand**, Susheel Kumar Joshi, Harish Sharma, 'Modified global best artificial bee colony for constrained optimization problems', *Computers & Electrical Engineering* (2017), <https://doi.org/10.1016/j.compeleceng.2017.10.021>: (Impact Factor: 1.570; 5-Year Impact Factor: 1.485)

**Bansal, Jagdish Chand**, Susheel Kumar Joshi, Atulya Kumar Nagar, 'Fitness Varying Gravitational Constant in GSA', *Applied Intelligence* (2017), DOI: 10.1007/s10489-018-1148-8

**Bansal, Jagdish Chand**, Pushpa Farswan, 'Wind farm layout using biogeography based optimization', *Renewable Energy* 107 (2017): 386-402.

**Bansal, Jagdish Chand**, Pushpa Farswan, 'A novel Disruption in Biogeography-Based Optimization with application to optimal power flow problem', *Applied Intelligence*, 46, no. 3 (2017): 590-615.

**Bansal, Jagdish Chand**, Kedar Nath Das, Atulya Nagar, Kusum Deep, Akshay Kumar Ojha, *Soft Computing for Problem Solving* 2017.

Jadon, Shimpi Singh, Ritu Tiwari, Harish Sharma, **Jagdish Chand Bansal**, 'Hybrid Artificial Bee Colony algorithm with Differential Evolution', *Applied Soft Computing* 58 (2017): 11-24.

Gupta Kavita, Kusum Deep, **Jagdish Chand Bansal**, 'Spider Monkey Optimization Algorithm for Constrained Optimization Problems', *Soft Computing*, 21, no. 23 (2017): 6933-6962.

Sharma, Ajay, Harish Sharma, Annapurna Bhargava, Nirmala Sharma, **Jagdish Chand Bansal**, 'Optimal placement and sizing of capacitor using Limacon inspired Spider Monkey Optimization Algorithm', *Memetic Computing*, 9, no. 4 (2017): 311-331.

Sharma, Kavita, Kusum Deep, **Jagdish Chand Bansal**, 'Improving the local search ability of Spider Monkey Optimization algorithm using Quadratic Approximation for unconstrained optimization', *Computational Intelligence*, 33, no. 2 (2017): 210-240.

**Jain, Pankaj**, Hans Schmeisser. *Function Spaces and Inequalities*, Springer, November 2017.

**Jain, Pankaj**, Sandhya Jain. 'Generalized convolution inequalities and application', *Medit. J. Math.*, (2017), 14: 159. doi.org/10.1007/s00009-017-0961-3.

**Jain, Pankaj**, Monika Singh. 'Hilbert inequality on grand function spaces', *Ricerche Mat.*, (2017), doi.org/10.1007/s11587-017-0331-2.

**Jain, Pankaj**, Babita Gupta, 'Mapping properties of Hardy-type operators involving general functions', *J Math. Ineq.*, 11 (2017), 551-564.

**Jain, Pankaj**, Monika Singh, Arun Pal Singh, 'Integral operators on fully measurable weighted grand Lebesgue space', *Indag. Math.*, 28 (2017), 516-526.

**Jain, Pankaj**, Monika Singh, Arun Pal Singh, 'Duality of fully measurable grand Lebesgue space', *Trans. A Razmadze Math. Inst.* 171 (2017), 32-47.

**Jha, Navnit**, Neelesh Kumar, 'A fourth-order accurate quasi-variable meshes compact finite-difference scheme for two-space dimensions convection-diffusion problems', *Advances in Difference Equations*, 64, 1-13 (2017).

**Jha, Navnit**, Neelesh Kumar, 'On the convergence of compact arithmetic averaging scheme for semi-linear 2d-elliptic equations and estimates of partial derivatives', *International Journal of Nonlinear Science*, 23(1), 33-45 (2017).

Bansal, K, **Kapil K. Sharma**, 'Parameter-Robust Numerical Scheme for Time-Dependent Singularly Perturbed Reaction-Diffusion Problem with Large Delay', *Numerical Functional Analysis and Optimization*, doi.org/10.1080/01630563.2016.1277742.

Bansal, K, **Kapil K. Sharma**, 'Numerical treatment for the class of time dependent singularly perturbed parabolic problems with general shift arguments', *Differential Equations and Dynamical Systems*, 25 (2), 327-346, 2017.

Bansal, K, **Kapil K. Sharma**, 'Parameter uniform numerical scheme for time dependent singularly perturbed convection-diffusion-reaction problems with general shift arguments', *Numerical Algorithms*, 75, pp. 113-145, 2017.

**Mohanty, R.K.**, Deepti Kaur, 'Numerov Type Variable Mesh Approximations for 1D Unsteady Quasi-linear Biharmonic Problem: Application to Kuramoto-Sivashinsky Equation', *Numerical Algorithms*, Vol. 74, pp. 427-459 (2017).

**Mohanty, R.K.**, Ravindra Kumar, 'A New Numerical Method Based on Non-Polynomial Spline in Tension Approximations for 1D Quasilinear Hyperbolic Equations on a Variable Mesh', *Differential Equations and Dynamical Systems*, Vol. 25, pp. 207-222 (2017).

**Mohanty, R.K.**, Gunjan Khurana, 'A New Fast Numerical Method Based on Off-step Discretization for Two Dimensional Quasilinear Hyperbolic Partial Differential Equations', *International Journal of Computational Methods*, Vol. 14, ID: 1750031 (2017).

**Mohanty, R.K.**, Deepti Kaur, 'High Accuracy Compact Operator Methods for Two-Dimensional Fourth Order

Nonlinear Parabolic Partial Differential Equations', *Comput. Methods Appl. Math.*, Vol. 17, pp. 617-641 (2017).

**Mohanty, R.K.**, Gunjan Khurana, 'A New Spline in Compression Method of Order Four in Space and Two in Time Based on Half-step Grid Points for the Solution of the System of 1D Quasi-linear Hyperbolic Partial Differential Equations', *Advances in Difference Equations*, Vol. 2017, ID: 97 (2017).

**Mohanty, R.K.**, Sean McKee, Deepti Kaur, 'A Class of Two-Level Implicit Unconditionally Stable Methods for a Fourth Order Parabolic Equation', *Applied Mathematics and Computations*, Vol. 309, pp. 272-280 (2017).

**Mohanty, R.K.**, Sachin Sharma, 'High accuracy quasi-variable mesh method for the system of 1D quasi-linear parabolic partial differential equations based on off-step spline in compression approximations', *Advances in Difference Equations*, Vol. 2017, ID: 212 (2017).

**Sinha, Deepa**, Deepakshi Sharma, 'Iterated local transitivity model for signed social networks', *Applicable Algebra in Engineering, Communication and Computing*, (2017): 1-19, DOI: 10.1007/s00200-017-0333-z.

**Sinha, Deepa**, Deepakshi Sharma, 'Characterization of 2-path product signed graphs with its properties', *Computational Intelligence and Neuroscience*, 2017 (2017): 1-8, DOI: 10.1155/2017/1235715.

**Sinha, Deepa**, Ayushi Dhama, 'Negation switching invariant 3-Path signed graphs', *Journal of Discrete Mathematical Sciences and Cryptography*, 20 (3), 703-716.

**Sinha, Deepa**, Deepakshi Sharma, Bableen Kaur, 'Signed Zero-Divisor Graph', *Electronic Notes in Discrete Mathematics* 63, 517-524, 2017.

**Sinha, Deepa**, Deepakshi Sharma, 'Transitivity Model on Signed Graphs', *Electronic Notes in Discrete Mathematics* 63, 455-460, 2017.

**Sinha, Deepa**, Anita Kumari Rao, 'Co-maximal Meet Signed Graphs of Commutative Rings', *Electronic Notes in Discrete Mathematics* 63, 497-502, 2017.

**Sinha, Deepa**, Deepakshi Sharma, 'On the properties of square signed graph', *National Academy Science Letters*, accepted (2017).

**Sinha, Deepa**, Pravin Garg, 'Some Results on Tensor



Product of a Graph and an odd cycle', *National Academy Science Letters*, accepted (2017).

**Sinha, Deepa**, Anita Kumari Rao, 'Co-Maximal signed graphs of commutative rings', *Turkish Journal Of Mathematics*, accepted (2017).

**Sinha, Deepa**, Thomas Zaslavsky, Gyula OH Katona, TaoMing Wang, Proceedings of International Conference on Current Trends in Graph Theory and Computation.

Khan, M Shoaib, AS Alamri Badriah, M Mursaleen, **Q.M. Danish Lohani**, 'Sequence spaces  $M(\mathbb{R})$  and  $N(\mathbb{R})$  with application in clustering', *Journal of Inequalities and Applications*, 63, 1-12 (2017)

Muhuri, Pranab K., Zubair Ashraf, **Q.M. Danish Lohani**, 'Multi-Objective Reliability-Redundancy Allocation Problem with Interval Type-2 Fuzzy Uncertainty', *IEEE Transaction On Fuzzy System*, (:DOI 10.1109/TFUZZ.2017.2722422, IEEE).

Khan, M Shoaib, **Q.M. Danish Lohani**, M. Mursaleen, 'A novel intuitionistic fuzzy similarity measure based on double sequence by using modulus function with application in pattern recognition', *Cogent Mathematics & Statistics*, 4(1), 1385374 (2017).

Khan, M Shoaib, **Q.M. Danish Lohani**, 'A novel sequence space related to  $L_p$  defined by Orlicz function with application in pattern recognition', *Journal of Inequalities and Applications* (<https://doi.org/10.1186/s13660-017-1541-6>).

#### Keynote Addresses and Invited Talks

**Bansal, J C**, "Advanced Optimization Techniques for Engineering Applications", NIT Kurukshetra, 13-17 Jan, 2018.

**Bansal, J C**, "Machine Learning: Techniques and Applications", 'UGC sponsored National Workshop', Deen Dayal Upadhyay College, University of Delhi, 26 Dec - 1 Jan, 2018.

**Bansal, J C**, "Deep Learning in Automation and Control", Indian Institute of Technology, Kanpur, 4 - 8 Dec, 2017.

**Bansal, J C**, "Computational Intelligence", 'National Workshop', Jaypee Institute of Information Technology, Noida, 1-2 Dec, 2017.

**Bansal, J C**, "Computational Intelligence in Data Mining", '4th International Conference', Burla, Odisha, 11 - 12 Nov, 2017.

**Bansal, J C**, Keynote Address, "Innovative Research in Science, Technology and Management", 'International Conference', National University of Singapore, 16 - 17 Sept, 2017.

**Bansal, J C**, "Number Theory for Cryptography" at Special Training Programme on Cryptology and Information Security, SAG, 4 -15 Sept, 2017.

**Bansal, J C**, "Soft Computing in Communication" at the 5G Wireless Communication Networks: Fundamentals and Implementation Issues, Electronics and Communication Engineering Department, National Institute of Technology, Kurukshetra, 10-15 July 2017.

**Bansal, J C**, Chair, 2 Sessions, International Conference on Computational Intelligence: Theories, Applications and Future Directions, Indian Institute of Technology, Kanpur, 6 - 8 Dec, 2017.

**Bansal, J C**, Organized 7th International Conference on Soft Computing for Problem Solving, IIT, Bhubaneswar, 23-24 Dec, 2017.

**Bansal, J C**, Chair, International Conference on Recent Trends in Operations Research and Statistics, IIT, Roorkee, 28-30 Dec, 2017.

**Bansal, J C**, General Chair, 7th International Conference on Soft Computing for Problem Solving, IIT, Bhubaneswar, 23-24 Dec, 2017.

**Jain, Pankaj**, Chair, National Seminar on Recent Developments on Mathematical Sciences, MD University, Rohtak, 7- 8 March, 2017.

**Jain, Pankaj**, Chair, 83rd Annual Conference of the Indian Mathematical Society, Shri Venkateshwara University, Tirupati, 12-15 Dec, 2017.

**Jain, Pankaj**, Organized a symposium on "Function Spaces and Inequalities" at the 83rd Annual Conference of the Indian Mathematical Society, Shri Venkateshwara University, Tirupati, 12-15 Dec, 2017.

**Jain, Pankaj**, "Hardy-Hilbert inequality: several connections" at the Spring School on 'Function spaces: Embeddings and extrapolation', Charles University, Prague, Czech Republic, 28 May - 3 June, 2017.

**Jain, Pankaj**, "Hardy type inequalities for monotone and quasi-monotone functions" at the 'International School-Conference 'Sobolev Readings', The Sobolev Institute of Mathematics of the Siberian Branch of the Russian Academy of Sciences jointly with Novosibirsk State University, Novosibirsk, 20-23 August, 2017.

**Jain, Pankaj**, "Generalized Transforms and Convolutions" at National Seminar on Recent Developments on Mathematical Sciences, MD University, Rohtak, 7- 8 March, 2017.

**Jain, Pankaj**, "Some aspects of numerical analysis" at the Short Term Course "Algebra, Analysis and Applications", Department of Mathematical Sciences, IIT, BHU, Varanasi, 3 - 9 July, 2017.

**Jain, Pankaj**, "On grand Lebesgue spaces and their generalizations" at the International Conference on Analysis and its Applications, Aligarh Muslim University, Aligarh, 20-22 Nov, 2017.

**Jain, Pankaj**, "Function spaces and inequalities: Some aspects" at the 83rd Annual Conference of the Indian Mathematical Society, Shri Venkateshwara University, Tirupati, 12-15 Dec, 2017.

**Jain, Pankaj**, Co-convener of the conference "Analysis and its Applications" held at Dyal Singh College (University of Delhi), New Delhi, 9-11 Dec, 2017.

**Jha, Navnit**, Chair, International Conference on Currents Trends in Theoretical and Computational Differential

Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Jha, Navnit**, Coordinator, Five days advanced level refresher course on partial differential equations, modeling and simulations for faculty members of Sherubtse College, Royal University of Bhutan, Bhutan, 27 Nov - 1 Dec, 2017.

**Jha, Navnit**, Member, Conference Organizing Committee, International Conference on Computational Modeling and Simulations, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Jha, Navnit**, Coordinator, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1- 5 Dec, 2017.

**Lohani, Q M Danish**, Chair, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Lohani, Q M Danish**, Co-convener, International Workshop on Computational Intelligence and Machine learning, SAU, 14 -16 Dec, 2017.

**Mohanty, R K**, Chair, International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Srilanka, 17-19 May, 2017.



**Mohanty, R K**, Chair, International Conference on Advances in Computational Mathematics, University of Dhaka, Bangladesh, 27-28 May, 2017.

**Mohanty, R K**, Chair, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Mohanty, R K**, "A Two-step Stable Implicit Method of Order Four for Second Order Nonlinear Initial-Value Problems" at the International Conference on Mathematics and Applications, Ramjas College, University of Delhi, 26-28 April, 2017.

**Mohanty, R K**, "BLAGE Algorithm for the Solution of 2D elliptic diffusion-convection equation" at the International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Mohanty, R K**, Keynote Address, "Block Alternating Group Explicit Iterative Method - Application to Diffusion Convection Equation" at the International Conference on

Advances in Computational Mathematics, University of Dhaka, Bangladesh, 27-28 May, 2017.

**Mohanty, R K**, "Numerics of Nonlinear Biharmonic Problems of First Kind: Application to Navier-Stokes Equations of Motion" at the International Conference on Recent advances in PDEs: Theory, Computations and Applications, IIT Bombay, 8-10 June, 2017.

**Mohanty, R K**, "Numerics of Navier Stokes Equations of Motion in terms of Streamfunction" at the International Symposium on Computational Mathematics, Optimization and Computational Intelligence, IIT Indore, 17-19 July, 2017.

**Mohanty, R K**, "Parallel Algorithms: Application to Difference Equations" at the International Workshop on Data Analytics and Machine Intelligence, Institute of Engineering, Tribhuvan University, Kathmandu, Nepal, 11-13 Dec, 2017.

**Sahani, S K**, "Effects of Delay on Tumor-Immune Interactions" at the International Conference on Advances

in Computational Mathematics, University of Dhaka, Dhaka, 27-28 May, 2017.

**Sahani, S K**, "Mathematical Modelling and its computational aspects with Mathematica" at the National Workshop on Mathematical Modelling and Computational Techniques Using Mathematica, ZHDC, University of Delhi, 30 - 31 March 2017.

**Sharma, Kapil K.**, Chair, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Sharma, Kapil K.**, "Numerical Treatment for Differential Equations", at Learning Strategies for Postgraduates in memory of Subrahmanyam Chandrasekhar, Central University of Tamil Nadu, 11-23 Dec, 2017.

**Sharma, Kapil K.**, "Approximate Methods to Solve Singularly Perturbed Differential Difference Equations", at the International Conference on Non linear Differential Equations- Theory, Modeling and Computations, SRM University, Chennai, 8 - 9 Dec, 2017.

**Sharma, Kapil K.**, "Fundamentals of Numerical Analysis for Differential Equations in FDP on Pure, Applied and Computational Mathematics with Engineer Applications", Chandigarh University, Chandigarh, 3-14 July, 2017.

**Sharma, Kapil K.**, "Numerical Analysis of Interval Boundary Value Problems for Singularly Perturbed Differential Difference Equations", at the 'Short Term Course on Research Skills and Computational Methods in Science and Engineering Applications', IIT Roorkee, 12-16 June, 2017.

**Sharma, Kapil K.**, "Parameter Uniform Numerical Methods for Singularly Perturbed Parabolic Partial Differential Difference Equations" at the International Conference on Advances in Computational Mathematics, University of Dhaka, Dhaka, 27-28 May, 2017.

**Sharma, Kapil K.**, "Robust Numerical Method for Singularly Perturbed Differential Equations with Delay/Advance" at the International Conference on Computational Modeling & Simulation, University of Colombo, Colombo, 17-19 May, 2017.

**Sharma, Kapil K.**, "Numerical Analysis of Initial Value Problems" at the National Conference on Recent Trends in Numerical Analysis and Computational Techniques, DAV

Institute of Engineering & Technology, Jalandhar, 28-29 March, 2017.

**Sharma, Kapil K.**, Convener, International Conference on Advances in Computational Mathematics held at University of Dhaka, Dhaka, 27-28 May, 2017.

**Sharma, Kapil K.**, Coordinator, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Sinha, Deepa**, Chair, 2 Sessions, International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Sinha, Deepa**, Chair, 3 Sessions, 7th International Conference on Soft Computing for Problem Solving, Indian Institute of Technology, Bhubaneswar, 23-24 Dec, 2017.

**Sinha, Deepa**, "Graph Structures and its Applications" at the Symposium on Applied Mathematics, St. Stephens College, Delhi, 21-22 March, 2017.

**Sinha, Deepa**, "Dynamic Model using Signed Graphs" at the International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Sinha, Deepa**, "Computation of Graph Structures for Encryption Decryption" at the International Conference on Advances in Computational Mathematics, Department of Mathematics, University of Dhaka, Bangladesh, 27-28 May 2017.

**Sinha, Deepa**, "Model of Online Social Network using Signed Graph" at the Short Term Training Programme on Graph Theory and its Applications, SRM University, Kattankulathur, Tamil Nadu, 3-4 Nov, 2017.

**Sinha, Deepa**, Keynote Address, "Applications of Signed Graphs" at the 7th International Conference on Soft Computing for Problem Solving, Indian Institute of Technology, Bhubaneswar, Orissa, 23-24 Dec, 2017.

#### Papers Presented and Lectures Delivered

**Bansal, J C**, "Swarm Intelligence: An Intelligent way of problem solving" at International Conference on Advances in Computational Mathematics, Department of Mathematics, University of Dhaka, Bangladesh, 27-28 May 2017.



**Bansal, J C**, "Swarm Intelligence for Optimization" at International Conference on Computational Modeling and Simulations, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Jha, Navnit**, "A third-order accurate finite difference method and compact operator approach for mildly nonlinear 2D elliptic BVP with integral forcing functions" at 7th International Conference on Soft Computing for Problem Solving, 23-24 Dec, 2017.

**Jha, Navnit**, "A supra convergent scheme for the numerical solution of the three-space dimensional convection-diffusion equations" at International Conference on Computational Modeling and Simulations, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Jha, Navnit**, "A high-order compact scheme and exponential fitted operator for singular perturbation problems" at International Conference on Computational Modeling and Simulations, University of Colombo, Sri Lanka, 17-19 May, 2017.

**Jha, Navnit**, "A third-order accurate nine-point compact exponential expanding meshes scheme for nonlinear

elliptic PDEs" at International Conference on Advances in Computational Mathematics, Department of Mathematics, University of Dhaka, Bangladesh, 27-28 May 2017.

**Lohani, QM Danish**, "Third European Summer school on Fuzzy logic and Application", Santiago de compestella, Spain, 17-20 July, 2017.

Nath, Rahul, Zubair Ashraf, Pranab K Muhuri, **Q M Danish Lohani**, "BLEAQ based solution for bilevel reliability-allocation problem" at 2017 IEEE Congress on Evolutionary Computation, San Sebastián Spain, 7-13 July, 2017.

Zubair Ashraf, Deepika Malhotra, Pranab K Muhuri, **QM Danish Lohani**, "Hybrid biogeography-based optimization for solving vendor managed inventory system" at 2017 IEEE Congress on Evolutionary Computation, San Sebastián Spain, 7-13 July, 2017.

Ashraf, Zubair, Deepika Malhotra, Pranab K Muhuri, **QM Danish Lohani**, "Interval type-2 fuzzy demand based vendor managed inventory model" at IEEE International Conference on Fuzzy Systems, 2017, Naples, Italy, 9 - 12 July, 2017.

**Sahani, S K**, "How Delay Can Affect the Survival of Species in Polluted Environment" at 7th International Conference on Soft Computing for Problem Solving, 23-24 Dec, 2017.

**Sahani, S K**, "Analysis Of A Delayed HIV Infection Model" at International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Srilanka, 17-19 May, 2017.

**Sharma, Kapil K.**, "A Parameter Uniform Orthogonal Spline Collocation Method for Singularly Perturbed Semilinear Reaction-Diffusion Problems in one Dimension" at International Conference on Non linear Differential Equations - Theory, Modeling and Computations, SRM University, Chennai, 8-9 Dec, 2017.

**Sharma, Kapil K.**, "Orthogonal Spline Collocation Methods for Singularly Perturbed Problems" at International Conference on Advances in Computational Mathematics, University of Dhaka, Dhaka 27-28 May, 2017.

**Sinha, Deepa**, "Some Properties of Comaximal Graphs", International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Srilanka, 17-19 May, 2017.

**Sinha, Deepa**, "Some properties of Signed graphs of Cayley sum graphs" at International Conference on Modeling and Simulation, Faculty of Science, University of Colombo, Srilanka, 17-19 May, 2017.

**Sinha, Deepa**, presented paper on "On the Cayley Sum Signed Graphs" at International Conference on Advances in Computational Mathematics, Department of Mathematics, University of Dhaka, Bangladesh, 27-28 2017 May.

**Sinha, Deepa**, "Spectrla analysis of Signed Grid" at International Conference on Currents Trends in Theoretical and Computational Differential Equations with Applications, South Asian University, 1-5 Dec, 2017.

**Sinha, Deepa**, "Computing the Balance Set using Linear Programming Optimization" at 7th International Conference on Soft Computing for Problem Solving, Indian Institute of Technology, Bhubaneshwar, Orissa 23-24 Dec, 2017.

#### Visit of Scholars to the Dept/Special Lecture

Date	Subject/Topic	Speaker's Name with Affiliation
06.03.2017	Open Source Based Skills in Telecommunication Systems	Dr. Harish Kumar, Honorary Director, Centre for Skill Development & Entrepreneurship, Punjab University
07.04.2017	Theory of Semigroups of Bounded Linear Operators in Banach Spaces and its Applications	Prof. Dhiren Bahuguna, IIT, Kanpur
20.04.2017	Higher Education Opportunities in UK	Prof. Atulya Nagar, Liverpool Hope University, UK
25.04.2017	One-mode and Two-mode Systems of Fuzzy Relational Inequalities and Equations and their Interpretations as Fuzzy Social Networks	Dr. Jelena Ignjatovic, University of Niš, Faculty of Sciences and Mathematics, Serbia
25.04.2017	New methods of multi-criteria analysis	Prof. Malisa Zizovic, Singidunum University, Belgrade, Serbia
27.04.2017	Additively idempotent semirings: Relative residuation and applications	Dr. Nada Damljanović, Faculty of Technical Sciences, University of Kragujevac, Serbia
03.07.2017	Combinatorial Nullstellensatz	Prof. R. Balakrishnan, Bharathidasan University, Tamilnadu
07.09.2017	Ramanujan Primes	Dr. Shanta Laishram, Associate Professor, Stat Math Unit, ISI, Delhi
19.09.2017	Multi-objective Optimization using Evolutionary Algorithms	Dr. Amar Kishor, Amity University, Kolkata

#### Students' Achievements

##### M.Sc. Mathematics Batch (2015-17)

Name	Current Position
Kritika Gupta	Jr. Lecturer at SCERT, Delhi
Divakar Jha	Pursuing PhD from SAU
Angshumann R Goswami	Pursuing PhD from University of Debrecen, Hungary





**Faculty of Social Sciences**

# Department of International Relations

## Faculty of Social Sciences

The year was a productive one for the Department of International Relations, which saw it expand its repertoire of research activities and interests in imaginative ways. With an impressive bandwidth combining research publications, events and outreach activities, the Department contributed to the University's growing profile as a reputed research institution. The International Relations (IR) Programme at SAU continues to offer an innovative range of courses at the Masters and M.Phil./Ph.D levels. The strong interdisciplinary strengths of the Department, reflected in the courses on offer that blend both traditional and critical approaches to IR, is complemented with a rigorous focus on methodology and ethics in research.

The years saw the IR faculty receive international intellectual recognition in the form of important awards including Visiting Fellowships at the University of Cambridge and the University of Würzburg. Other professional assignments included significant organizational positions at the International Studies Association and the Association of Borderlands Studies.

2017 also saw the Department further strengthen the ambit of its intellectual and institutional networking, with its Seminar Series hosting talks by distinguished scholars from India and abroad. Several international events were organized in partnership with leading national and international research bodies, including an international conference on 'Border and Border Studies: The South Asian Perspective' in partnership with the Association for Borderlands Studies, Borders in Globalization and the Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS). The Department also hosted the sixth annual *International Feminist Journal of Politics* conference as well as a pre-conference workshop on 'Feminist Perspectives on Diplomacy'. The Department

was associated with the organization of a consultative dialogue on 'Echoes and Resonances: Critical Challenges for Youth and Peace Building in Kashmir' in collaboration with Women in Security Conflict Management and Peace. The Department partnered with Dhaka University and IUCN-India to organise a module on Water Governance and Regional Capacity Building in New Delhi and Dhaka for mid-level professionals working on water issues in South Asia. It also organised an exhibition on Water Architectures.

Our students contributed to the Department's reputation in impressive ways. Pratishtha Sharma, our Master's student received the First Prize in a national essay competition organised by the Indian Council of World Affairs at an awards function held this year. The Department's doctoral students enhanced its academic profile by presenting their research at various national and international conferences.

The faculty and the students of the Department look forward to expanding their intellectual horizons further in the coming years.

### Student's admitted and country-wise break-up

#### Name of Programme: Masters in International Relations

##### Batch: 2017-2019

Afghanistan	02	Maldives	Nil
Bangladesh	03	Nepal	03
Bhutan	02	Pakistan	Nil
India	11	Sri Lanka	02
Other	Nil		

#### Name of Programme: Masters in International Relations

##### Batch: 2016-2018

Afghanistan	04	Maldives	Nil
Bangladesh	Nil	Nepal	01
Bhutan	Nil	Pakistan	01
India	13	Sri Lanka	Nil
Others	01		

#### Name of Programme: Ph.D. in International Relations

##### Batch: 2013

Afghanistan	01	Maldives	Nil
Bangladesh	Nil	Nepal	Nil
Bhutan	Nil	Pakistan	Nil
India	02	Sri Lanka	Nil
Other	Nil		

#### Name of Programme: Ph.D. in International Relations

##### Batch: 2014

Afghanistan	01	Maldives	Nil
Bangladesh	01	Nepal	01
Bhutan	Nil	Pakistan	Nil
India	02	Sri Lanka	01
Others	Nil		

#### Name of Programme: Ph.D. in International Relations

##### Batch: 2015

Afghanistan	Nil	Maldives	Nil
Bangladesh	Nil	Nepal	Nil
Bhutan	01	Pakistan	Nil
India	06	Sri Lanka	Nil
Others	Nil		

#### Name of Programme: M.Phil./Ph.D. in International Relations

##### Batch: 2016

Afghanistan	01	Maldives	Nil
Bangladesh	01	Nepal	01
Bhutan	Nil	Pakistan	Nil
India	03	Sri Lanka	Nil
Others	Nil		

#### Name of Programme: M.Phil./Ph.D. in International Relations


##### Batch: 2017

Afghanistan	Nil	Maldives	Nil
Bangladesh	01	Nepal	01
Bhutan	Nil	Pakistan	Nil
India	02	Sri Lanka	Nil
Others	Nil		



## Details of Faculty Members

### Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Siddharth Mallavarapu	Jawaharlal Nehru University, 2005	Associate Professor till November 2017	International Relations Theory, Politics of Knowledge, Disciplinary Histories, Political thought in the Global South
	Rajen Harshe	Jawaharlal Nehru University 1978	Visiting Professor till July 2017	International Relations Theory, Political Theory, African Studies
	Nabarun Roy	Carleton University, 2011	Assistant Professor	Theories of International Relations, Indian Foreign Policy, Great Powers in International Relations, Geopolitics of Asia and South Asia
	Soumita Basu	Aberystwyth University, 2007	Assistant Professor	The United Nations, Feminist International Relations, Critical Security Studies, UN Security Council Resolutions on Women and Peace and Security, South Asian participation in UN peacekeeping
	Dhananjay Tripathi	Jawaharlal Nehru University, 2010	Assistant Professor	Regionalism (Europe & South Asia), Borders and Political Economy
	Medha Bisht	Jawaharlal Nehru University 2010	Assistant Professor	South Asian Politics, Strategic Thought, Grand Strategy and Water Issues in South Asia
	Jayashree Vivekanandan	Jawaharlal Nehru University, 2008	Assistant Professor	Critical Approaches to IR theory; Indian strategic thought and practice; memory politics, transboundary resource governance in South Asia
	Shweta Singh	Jawaharlal Nehru University, 2012	Assistant Professor	Conflict Transformation and Peacebuilding, Armed Conflicts in South Asia (Kashmir and Sri Lanka), Mediation and Peace Education



## Awards/Honours/Special Recognition

**Harshe, Rajen**, re-elected as President, G.B. Pant Social Science Institute, Allahabad, in June 2017 by the Board of Governors for another three-year term.

## Grants and Fellowships conferred on Members of the Faculty

**Basu, Soumita**, senior guest professorship at the Institute of Political Science and Sociology, University of Würzburg, Germany, Nov-Dec 2017, funded by DAAD (German Academic Exchange Service).

**Bisht, Medha**, Water Governance and Regional Capacity Building, IUCN, September 2017- January 2018, USD INR 900000.

**Singh, Shweta**, Collaborative Grant, 'Conflict, Youth, Kashmir: The Way Forward', Women in Security Conflict Management and Peace, Jan - March 2017, Rs. 3,00,000.

**Tripathi, Dhananjay**, funded by the Association for Borderlands Studies, Borders in Globalization and Maulana Abul Kalam Azad Institute of Asian Studies to organize a two-day international conference on the theme, "Borders and Border Studies: The South Asian Perspective".

**Vivekanandan, Jayashree**, Visiting Fellow at the Department of Politics and International Studies, and Senior Member, Sidney Sussex College, University of Cambridge, U.K., May- Aug 2017, funded by D.C. Pavate Foundation to conduct research on 'Museums in Britain: The Politics of Display in a Postcolonial World'.

## Editorial/Reviewing and Refereeing Appointments

**Basu, Soumita**, served as a peer-reviewer for the *European Journal of International Security*, *Global Governance: A Review of Multilateralism and International Organizations*; *Global Society*; *International Feminist Journal of Politics*, and *Women's Studies International Forum*.

**Basu, Soumita**, completed a 3 1/2 year term as Associate Editor of the *International Feminist Journal of Politics* in December 2017. From January 2018, appointed to the Editorial Board of the Journal.

**Mallavarapu, Siddharth**, co-editor, Oxford University Press Series on 'Critical Global Thought'.

**Roy, Nabarun**, peer-reviewer for *Journal of Asian Security and International Affairs* and *Rising Powers Quarterly*

**Roy, Nabarun**, reviewer for Occasional Papers for the *Observer Research Foundation*, New Delhi

**Tripathi, Dhananjay**, reviewer for *India Quarterly and Economic and Political Weekly*, (Routledge and Sage Open).

## Appointments to National/International Bodies

**Basu, Soumita**, elected as At-Large Representative of the International Studies Association in Dec 2017, to serve on the ISA Governing Council during 2019-2020.

**Harshe, Rajen**, nominated by the University Grants Commission Chairman to review the progress of the Indira Gandhi Institute of Development Studies of Mumbai as Deemed University, March 2017.

**Harshe, Rajen**, nominated as Chairman by the UGC to visit Gujarat Vidyapith (Deemed to be University) to review their progress in building infrastructure and other facilities, January 2017.

**Tripathi, Dhananjay**, Appointed Member, Scientific Committee, Association of Borderland Studies, IInd World Conference, 2018.

**Tripathi, Dhananjay**, Member of Scientific Committee, Association of Borderland Studies in Annual Meeting 2018.

**Tripathi, Dhananjay**, Board Member (2015-2018) – Association for Borderlands Studies.

## Publications

### Edited Volume/ Special Issue (Journal)

**Singh, Shweta**, Guest Editor, Special Issue on *Gender, Conflict and Security: Perspectives from South Asia*, *Journal of Asian Security and International Affairs*, 4 (2), ISBN 2347-7970

## Chapters in Books

**Basu, Soumita**, and M. Eichler, 'Gender in International Relations: Interdisciplinary Advancements in the Study of Conflict' in *Advancing Interdisciplinary Approaches to International Relations*, New York: Palgrave Macmillan, pp. 189-227, 978-3-319-40822-4

**Bisht, Medha**, 'Re-imagining South Asia: Hopes for An Indus Basin Network' in Diana Suhardiman, Alan Nicol, Everisto Mapedza (eds), *Water Governance and Collective Action*, Abingdon, Oxon: Earchscan, 2017. ISBN-10: 1138040592

**Harshe , Rajen**, ' Life and Times as Vice Chancellor in Allahabad'' in Qamar Furkan and Pani Sistala Rama Devi (eds). *Governance in Action: Reminiscences of the Vice Chancellors*, New Delhi: Association of Indian Universities, pp209-232. ISBN: 81-7520-138-X.

**Tripathi, Dhananjay**, 'Prevailing Discrepancies Between Economic Growth and Development: Big Challenge for Indian Democracy' in Lancy Lobo and Jayesh Shah (eds) *Democracy in India: Current Debates and Emerging Challenges*, New Delhi: Primus Books, pp. 151-159. ISBN: 978-93-84082-94-9

#### Papers in Journals

Barthwal-Datta, M. and **Soumita Basu**, 'Reconceptualising Regional Security in South Asia: A Critical Security Approach', *Security Dialogue*, 48,5, pp. 393-409, 0967-0106

**Basu, Soumita**, 'South Asian Peacekeeping: Regional Possibilities', in *The Round Table: Commonwealth Journal of International Affairs*, 106,1, pp.71-78, 0035-8533

**Basu, Soumita**, 'The UN Security Council and the Political Economy of the WPS Resolutions', in *Politics & Gender*, 13, 4, pp. 721-727, 1743-923X

**Harshe, Rajen**, 'My Time with EPW' in *Economic and Political Weekly*, 52 (33) 19 Aug, 2017. pp.41-43, ISSN: 0012-9976

**Roy, Nabarun**, "In the Shadow of Great Power Politics: Why Nehru Supported PRC's Admission to the Security Council," in *The International History Review*, published online 24 May, 2017, DOI: 10.1080/07075332.2017.1329156

**Singh, Shweta**, 'Gender, Conflict and Security: Perspectives from South Asia' in *Journal of Asian Security and International Affairs* (Special Issue), 4(2), 2017, pp 149-157, ISBN 2347-7970

**Singh, Shweta**, 'Re-thinking the 'Normative' in United Nations Security Council Resolution 1325: Perspectives from Sri Lanka' in *Journal of Asian Security and International Affairs* (Special Issue), 4(2), 2017, pp 219-238

**Singh, Shweta**, 'Education for Peace through Transformative Dialogue: Perspectives from Kashmir', in *International Review of Education*, Dec 2017(Online First). Available at: <http://orcid.org/0000-0002-0253-4917>.

**Singh, Shweta**, Book Review, 'To end a civil war: Norway's peace engagement in Sri Lanka, by Mark Salter, London, C. Hurst & Co. Ltd., 2015, 531' *Asian Studies Review*, 2017, Available at <https://doi.org/10.1080/10357823.2017.1368124>.

#### Keynote Addresses and Invited Talks

**Bisht, Medha**, 'Energy Security and India-Bhutan Power Cooperation', at Energy Studies Programme, Jawaharlal Nehru University, New Delhi, 15 March 2017.

**Basu, Soumita**, 'United Nations peacekeeping: Policies and practices' at a seminar on "United Nations Peacekeeping: Role and Relevance in Conflict Resolution", organized by St. Ann's College for Women, Hyderabad, 18 Jan. 2017.

**Basu, Soumita**, Convenor, Sixth Annual International Feminist Journal of Politics Conference, 9-11 April 2017, New Delhi.

**Harshe, Rajen**, Inaugural Address on 'South Asian Regional Cooperation: Opportunities and Challenges' at an International Seminar on 'Governance, Human Rights and Regional Cooperation in South Asia: Opportunities and Challenges of Globalisation' jointly organised by Jamia Milia Islamia, New Delhi and University of Kashmir, Srinagar, at New Delhi in April 2017.

**Harshe, Rajen**, Valedictory Address on 'Globalisation and International Relations: Analysing Emerging Themes and Issues' at a National Seminar on 'Globalisation and International Relations' organised by the Department of Political Science, University of Hyderabad, Hyderabad, March 2017.

**Harshe, Rajen**, Inaugural Address on 'Globalisation and Culture' at an International Seminar organised by the International Sociological Association on 'Globalization, New Communication Technologies and Social Transformation: Strategies for the Future', New Delhi, Feb. 2017.

**Harshe, Rajen**, Special Lecture on 'Reflections on Identity Politics in India' at the G.B. Pant Institute of Social Science, Allahabad, Feb. 2017.

**Mallavarapu, Siddharth**, Keynote Address, 'International Relations Theory and the Global South', Organised by the National Law School of India University, Bangalore, 9 Sept., 2017

**Mallavarapu, Siddharth**, 'International Relations and the Global South: Carving an Identity', organised by the Department of Political Science, Lady Shri Ram College, 16 Feb., 2017.

**Singh, Shweta**, 'Peace, Conflict and Security in South Asia: Changing Contour's of the Field', ASSK Centre, New Delhi, India, 19 Aug. 2017.

**Tripathi, Dhananjay**, Convenor International Conference, 'Borders and Border Studies: The South Asian Perspective', 6-7 March, New Delhi.

#### Papers Presented and Lectures Delivered

**Basu, Soumita**, 'What is feminist (or not) about how WPS Resolutions are adopted? Implications for research and practice', at the International Studies Association Annual Convention, Baltimore, 23 Feb. 2017.

**Basu, Soumita**, 'Talking gender at the UN Security Council', at a session on 'Discourses of Security in International Politics', organized by the Institute of Peace and Conflict Studies, New Delhi, 15 March 2017.

**Basu, Soumita**, 'Narratives of the Passage of WPS Resolutions: Implications for Research and Practice, at the *International Feminist Journal of Politics* Annual Conference, organized by the South Asian University, New Delhi, 11 April 2017.

**Basu, Soumita**, 'Contemporary gender politics at the UN Security Council', organized by the Department of International Relations, University of Dhaka, Dhaka, 12 Nov. 2017.

**Basu, Soumita**, and L. Shepherd, 'Prevention in Pieces: Theorising Conflict in the Women, Peace and Security Agenda' at a workshop on 'Prevent, Protect, Participate! Women's roles in peace and security', organized by the M.S. Merian - R. Tagore International Centre of Advanced Studies and University of Würzburg, Würzburg, 30 Nov. 2017.

**Bisht, Medha**, 'Marginal Rivers in South Asia', at the National Water Foundation, Kathmandu, 17 Dec. 2017.



**Bisht, Medha**, 'Water Governance and Water Diplomacy', at Dhaka University, 12 Nov. 2017.

**Bisht, Medha**, 'Water Governance and Water Diplomacy', at South Asian University, New Delhi, 1 Nov. 2017.

**Bisht, Medha**, 'Water Governance and Diplomacy: Relational /Territorial Complexities in South Asia', at International Rivers Network, Dhaka, 25-27 April, 2017.

**Bisht, Medha**, 'Role of regional platforms and institutions in improving India Nepal water cooperation', at IELO and Pro-public', Kathmandu, 19 Nov. 2017.

**Bisht, Medha**, 'Understanding Asia: Philosophy, Statecraft, Theory', at Chandigarh University, 23-24, March 2017.

**Bisht, Medha**, 'Space/Place/Landscape: Politics of cognition and 'border' of/in Bhutan', at South Asian University, 6 March 2017.

**Bisht, Medha**, 'India's Energy Cooperation With Bangladesh, Bhutan And Nepal', at Energy Studies Programme, Jawaharlal Nehru University, New Delhi, 6 Feb. 2017.

**Harshe, Rajen**, 'Identity Politics and Development' at a seminar on 'Fading politics of development in the face of identity politics' organised by Department of Political Science, Osmania University, Hyderabad, February 2017.

**Mallavarapu, Siddharth**, Presentation on Judge Christopher Gregory Weeramantry as part of 'South Asian International Lawyers: A Tribute' at the 'Young Scholars Workshop', organised by Faculty of Legal Studies, South Asian University, 1-2 February, 2017.

**Mallavarapu, Siddharth**, 'The Crisis of Western Liberalism: Implications for the Study of International Relations' as part of the Hriday Nath Kunzru Memorial Lecture Series organised by the School of International Studies, Jawaharlal Nehru University, New Delhi, 12 Sept. 2017.

**Mallavarapu, Siddharth**, 'Pluralism of World Order Concepts – Reservoir or Amplifier of Conflict' at 'Climate Action and Human Wellbeing at Crossroads: Historical Transformation or Backlash?' organized by the German Development Institute and International Institute for Applied Systems Analysis, Bonn, 4-5 Nov., 2017.

**Roy, Nabarun**, 'Support from Unlikely Quarters: The Case for China's Inclusion in the UN Security Council' at

the 'National Seminar on Globalisation and International Relations: Political, Economic and Cultural Implications for the Global South' organized by the Dep. of Political Science, University of Hyderabad, Hyderabad, 15-16 March, 2017

**Singh, Shweta**, 'Conflict, Peace and Security in South Asia: Critical Explorations' at Gandhi Study Circle, Janaki Devi Memorial College, University of Delhi, 3 Feb., 2017

**Singh, Shweta**, 'Women on the Peace Table in Afghanistan: Critical Perspectives on Gender, Diplomatic Practices and Mediation' at a Workshop on 'Feminist Perspectives on Diplomacy' at the International Conference of Feminist Journal of Politics, Walking the Talk: Feminist Reflections on International Practices, South Asian University, at IIC, New Delhi, 9 April, 2017.

**Singh, Shweta**, Chair, 'Gender and Peace Education, Interactive Session with Betty A. Reardon', International Conference of Feminist Journal of Politics, Walking the Talk: Feminist Reflections on International Practices; South Asian University, at IIC, New Delhi, India, 10-11 April, 2017

**Singh, Shweta**, 'Women Building a Feminist Peace: Reflections on Feminist Praxis', International Conference of Feminist Journal of Politics, Walking the Talk: Feminist Reflections on International Practices; South Asian University at IIC, 10-11 April, 2017

**Singh, Shweta**, 'Feminist Perspectives on Diplomacy: Reflections on the Pre-Conference Workshop' International Conference of Feminist Journal of Politics, Walking the Talk: Feminist Reflections on International Practices; South Asian University at IIC, New Delhi, 10-11 April, 2017

**Singh, Shweta**, 'Gender, Conflict and Security: Critical Perspectives from South', ASSK Centre, Lady Shri Ram College, New Delhi, 15 Sept., 2017.

**Singh, Shweta**, 'Recent Advancements in Peace and Conflict Studies', ICSSR Northern Regional Centre, Sponsored Workshop on Peace and Conflict Resolution, Kamla Nehru College, University of Delhi, New Delhi, 28 March, 2017.

**Singh, Shweta**, 'In-between the Ulema (religious leaders) and Local Warlords: Critical Perspectives on Women, Peace Table and Afghanistan' Feminist Peace Research Workshop, Lund University, Lund, Sweden, 23-24 May, 2017.

**Tripathi, Dhananjay**, 'Globalisation! But What About Political Borders and Social Boundaries' at the 'National Conference on Borders and Borderlands: Negotiating the 'Margins' Under Globalization', Organised by the Institute of Development Studies, Kolkata, 7-8 Feb. 2017.

**Tripathi, Dhananjay**, 'Border Studies in South Asia: Looking Beyond the Confinements of State Centric Approaches', at the International Conference on 'Borders and Border Studies: The South Asian Perspective', Organised by the South Asian University, New Delhi, 6-7 March 2017.

**Tripathi, Dhananjay**, 'Globalisation! But What About Political Borders and Social Boundaries', at the 'Annual Conference of the Association for Borderlands Studies', Organised by the Association for Borderlands Studies, San Francisco, USA, 12-15 April 2017.

**Tripathi, Dhananjay**, 'Relevance of Theory in Border Studies' at the International Workshop on "Borders, Mobilities, and Cultural Encounters" Organised by the University of Eastern Finland, Joensuu, 4-6 Sept. 2017.

**Tripathi, Dhananjay**, 'Discussing Challenges of Governance in India', at the International Conference on 'The Exchange of Civilization Along the Silk Roads Beyond the "Clash of Civilization"' organised by the Silkroad University Network, Ho Chi Minh City, Vietnam, 10-11 Nov. 2017.

**Tripathi, Dhananjay**, 'Regional Integration: Looking Beyond the Obsession of Economic Growth', at 'International Workshop of Early Career Researchers, Evolving Global Order and International Relations Perspectives from Global South', organised by Goa University, World International Studies Committee and Indian Council of World Affairs, Goa, 8-9 Dec. 2017.

**Vivekanandan, Jayashree**, 'No Mountain Too High? Assessing the Trans-Territoriality of the Kailash Sacred Landscape Initiative', International Conference on 'Borders and Border Studies: The South Asian Perspective', organised by the South Asian University, New Delhi, 6-7 March 2017.





### Visit of Scholars to the Department/Special Lecture

Sl. No.	Date	Subject	Speaker's Name	Speaker Affiliation
1.	02.02.2017	Nation-Making at the Grassroots: Meanings of Indian Nationhood and the Role of Political Practices	Dr Priyadarshini Singh,	Senior Consultant, PwC, India
2.	09.02.17	Transnational migration, capabilities and climate change: Speculating migration-development nexus in Nepal	Sagar Prasai	Country Representative, The Asia Foundation
3.	16.02.2017	From Inaction to Intervention: India's Strategic Culture of Regional Involvement (Nepal, Sri Lanka and Myanmar, 1950s-2000s)	Dr Constantino Xavier	Fellow, Carnegie India
5.	09.03.2017	Realism and Reality in the era of "Post-truth"	Albeena Shakil,	OP Jindal Global University and Fellow, Indian Institute of Advanced Study, Shimla
7.	17.08.2017	30th Anniversary of the first Peace Building Exercise in Afghanistan	Mr Kallol Bhattacharjee	Senior Assistant Editor, The Hindu
8.	12.09. 2017	Liberalism, Nationalism and the International Order.	Prof. James Mayall	Emeritus Fellow in International Relations, University of Cambridge
9.	28.09. 2017	Federal Alternatives to Interstate Relations: The Question of Political form in late Colonial South Asia	Dr Atul Mishra	Department of International Relations and Governance Studies, Shiv Nadar University
10.	2.11. 2017	The Past in the Future: Archives of South Asia, Research and New Technologies	Dr Kevin Greenbank	Archivist, Centre of South Asian Studies, University of Cambridge.



### Students' Achievements

**Boruah, R. Uddipta**, 'Rethinking Borders vis-a-via Theories of New Regionalism: Addressing the Dualism of Cognitive and Physical Borders in South Asia', at the International Conference on 'Borders and Border Studies: The South Asian Perspective', organised by the South Asian University, New Delhi, 6 -7 March 2017.

**Mushtaq, M. Syed**, 'Beyond West-centricism: Islamic Ways of Theorizing Sovereignty, State and War' at a Conference on 'Reworking the Knowledge Structures in International Relations: Some Indian Contributions', organised by the Institute for Research on India and International Studies, 29 Nov. 2017.

**Mushtaq, M. Syed**, 'Islamic critique of globalisation and modern nation state system' at the 57th All India Political Science Conference' organised by the Indian Political Science Association, 16 Dec. 2017.

**Raghuvanshi, Vaishali**, joined as Assistant Professor, Christ University, Bengaluru in May 2017.

**Raghuvanshi, Vaishali**, 'The Politics of Cinematic Representation: Images of Pakistan in Bollywood Films' at the 58th Annual International Studies Association Convention', Organised by ISA, Baltimore, Maryland, USA, 22-25 Feb. 2017.

**Raghuvanshi, Vaishali**, & H.M. Sanjeev Kumar 'Cinematic Construction of Other: Performing Pakistan in Hindi Cinema', in Dev Nath Pathak, Sasanka Perera (eds.), Culture and Politics in South Asia: Performative Communication, New Delhi: Routledge, pp. 222-235, ISBN:9781351656139

**Raghuvanshi, Vaishali**, 'The Politicization of Religion in South Asia: The Rise of Religious Nationalism' in Minu Jha (ed), *Ethnicity, Nationalism and the State in South Asia*, New Delhi: Victorious Publication, ISBN: 978-93-84224-12-7

**Raghuvanshi, Vaishali**, 'Psychological Narratives Related to Human Trafficking in South Asia: A Study Based on Documentaries' at the 58th Annual International Studies Association Convention' organised by ISA, Baltimore, Maryland, 22-25 Feb. 2017.

**Raghuvanshi, Vaishali**, 'The Cognitive Dialectic of Indo-Pak Border: A Critical Perspective' at the International Conference on 'Borders and Border Studies: The South Asian Perspective', organised by the South Asian University, New Delhi, 6 -7 March 2017

**Raghuvanshi, Vaishali**, awarded Travel Grant by the Indian Council of Social Science Research in 2017 to participate at the International Studies Association 58th Annual Convention, Baltimore, Maryland, 22-25 Feb. 2017.

**Sadr, Omar**, 'Internally Displaced Women of Afghanistan' at the Multi-Stakeholder Consultation on Displacement in India Resulting from Conflict and Development', organised by Women Regional Network, New Delhi, 28 Jan. 2017.

**Sadr, Omar**, joined as Researcher at the Afghanistan Institute for Strategic Studies, Kabul, Afghanistan in Dec. 2017.

**Sharma, Ankur**, 'Analysis of Informal Exchange Rate System in Indo-Bhutanese Border Towns' at the International Conference on 'Borders and Border Studies: The South Asian Perspective', organised by the South Asian University, New Delhi, 6 -7 March 2017.

**Sharma, Prathishta**, received First Prize in an Essay Competition (Senior Level Category), awarded by the Indian Council of World Affairs, New Delhi, 7 Feb. 2017.

**Verma, Monica**, 'The Human Toll of the Kashmir Conflict: Grief and Courage in a South Asian Borderland' (Book review) in the *Journal of Borderlands Studies*, 13 July, 2017, DOI: 10.1080/08865655.2017.1348911

**Verma, Monica**, 'Rise of China and India: Nepal's Future in an Affluent Neighbourhood' in Pramod Jaiswal (ed) *Revisiting Nepal's foreign policy in contemporary global power structure*, New Delhi: G.B Books, pp. 166-184, ISBN: 978-93-83930-72-2

**Verma, Monica**, 'India's FDI Success Story: Role of the Private Sector' at the International Conference on 'Dynamics of Economic Growth and Development in Asia with Special Reference to India' organised by Dept. of Economics, BBAU, Lucknow, 25 Oct. 2017.



*Kabul, Afghanistan*

# Department of Sociology

## Faculty of Social Sciences

The Department of Sociology has continued to produce both innovative and quality research in the year under review. The research papers presented by both faculty and students in various forums in South Asia and abroad mark the continuity in our self-conscious effort to engage with issues in and on South Asia in a nuanced manner. They also vindicate our commitment to knowledge production with a difference. In addition to teaching regular courses, organizing extra-curricular activities along with invited lectures, we have persevered with our vision of broadening the disciplinary boundaries of our own discipline by delving into domains such as visual arts and other forms of culture while seeking to engender new forms of knowledge.

Scholars of eminence from various parts of South Asia visited the department and contributed to its academic processes. The 'Contribution to contemporary Knowledge', an esteemed annual event featured Prof. Faisal Devji from Oxford University who delivered a lecture on 'Gandhi, Hinduism and Humanity'. Numerous scholars, artists and practitioners also visited the Department, under the aegis of the three major platforms of the Sociology Department: the Sociology Seminar Series (coordinated by Dr Chudamani Basnet and Dr Anuj Bhuwania); the Cinema and Society Series (coordinated by Dr. Mallika Shakya) and the Rickshaw student blog (coordinated by Dr Dev Pathak).

The collaboration with Rosa Luxemburg Stiftung, Germany, has continued with Dr Ravi Kumar as Convener. As part of this collaboration an International Conference on 'Contemporary Capitalism and the Revolutionary Possibilities 150 Years after Capital and 100 Years after Russian Revolution' was organised on 3-4 November 2017 and residential workshop on 'Doing Marxism Today' was organized on 3-12 June. Other international conferences furthering our reach beyond SAU were organized on themes of 'Work, Identity and Livelihood: Theoretical Challenges and Contemporary Practices for South Asia' (22-23 July) Coordinator: Dr. Mallika Shakya; on 'Visual South Asia: Anthropological Exploration of Media and Culture', (10-11 May) Co-convenor: Dr Dev Nath Pathak; on 'Buddhist Cultural Pluralism in South Asia: Explorations in Popular-Contemporary Buddhist Imageries' (17-18 March) Convenor: Prof Sasanka Perera.

The efforts of the Department to forge intellectual relations within South Asia culminated in an 'Intensive Course on Teaching Sociology to Faculty Members at Undergraduate Level' organised in Bhutan from 13 to 17 February, Coordinated by Dr Ravi Kumar).

The Department journal, *Society and Culture in South Asia*, has been doing very well. Its reach has expanded, data provided by the publishers show that its subscription and downloads have also increased manifold.



### Students admitted and country-wise break-up

#### M.A. (1st Semester & 3rd Semester, Batch: 2017)

Afghanistan	8	Maldives	0
Bangladesh	7	Nepal	2
Bhutan	4	Pakistan	0
India	22	Sri Lanka	2
Others	0	Total Students	45

#### M.Phil./Ph.D. (Batch: 2017)

Afghanistan	0	Maldives	0
Bangladesh	0	Nepal	1
Bhutan	0	Pakistan	0
India	2	Sri Lanka	1
Others	0	Total Students	4

#### Faculty Members:

	Name	PhD Affiliation	Designation	Areas of Specialisation/Interest
	Sasanka Perera	University of California, Santa Barbara	Dean and Vice President	Politics of civil society organizations in governance and democratization, Issues and problems of urbanization, Dynamics of education and socialization in eradicating or promoting sectarian conflicts, Political violence
	Ravi Kumar	Jawaharlal Nehru University	Associate Professor	Political economy of identity politics, Epistemologies of the South, Social theory, Politics of knowledge production, Social movements
	Chudamani Basnet	University of Georgia	Assistant Professor	Political sociology, Cultural Sociology, Structured Inequality, Historical sociology
	Dev Nath Pathak	Jawaharlal Nehru University	Assistant Professor	Folklore & performance, Popular Culture & Media, Theoretical & Methodological Issues in Social Sciences, Epistemology and Philosophy in Social Science, Education, Youth and Resistance
	Ankur Datta	London School of Economics and Political Science	Assistant Professor	Violence, Forced Migration, Politics, History and Memory, Anthropology, Jammu and Kashmir
	Diya Mehra	University of Texas, Austin	Assistant Professor	Urban anthropology, Anthropology and history, Politics, governance and development, The anthropology of everyday life
	Mallika Shakya	London School of Economics and Political Science (LSE)	Assistant Professor	Economic anthropology, Nationalism and regionalism
	Anuj Bhuwania	Columbia University	Assistant Professor	Legal Anthropology, Anthropology of Media, Public law, Post-colonial Indian Politics

## Grants and Fellowships conferred on members of the Faculty

**Shakya, Mallika**, UK-India Research Methods Node: Fostering And Consolidating Research Training And Collaboration In The Social Sciences And Humanities: by the British Academy, 2017-19, INR. 1,00,000

**Kumar, Ravi**, grant by Rosa Luxemburg Stiftung, Berlin Feb-Dec 2017, Euro 65,021

## Editorial/Reviewing and Refereeing Appointments

**Kumar, Ravi**, Associate Editor, *Society and Culture in South Asia* (Sage), 2015 onwards

**Kumar, Ravi**, Co-editor of series, *Conversations on/for South Asia*, Aakar Books and South Asian University, New Delhi, 2015 to date

**Kumar, Ravi**, Member, Editorial Board, *Journal of Critical Education Policy Studies*

**Kumar, Ravi**, Member, Editorial Board, *SoJo Journal: Educational Foundations and Social Justice*

**Kumar, Ravi**, Member, Editorial Board, *Philosophy and Theory in Higher Education*

**Kumar, Ravi**, Member, Editorial Collective, *Critical Education*

**Kumar, Ravi**, Member Academic Advisory, *Alternatif Eğitim* (Alternative Education, a Turkish Journal)

**Kumar, Ravi**, Member, Editorial Board of Book Series titled *Marxist, Socialist, and Communist Studies in Education*

**Perera, Sasanka**, Editor, *Society and Culture in South Asia* (Sage), 2015 onwards

**Perera, Sasanka**, Member, Editorial Board, *Nivedini – Journal of Gender Studies*, Women's Educational and Research Centre, Colombo, Sri Lanka, 2015 to date

**Perera, Sasanka**, Member, Editorial Board, *Cities, People, Places: An International Journal on Urban Environments*, Department of Architecture, University of Moratuwa, Sri Lanka, 2015 to date

**Perera, Sasanka**, Co-editor of series, *Conversations on/for South Asia*, Aakar Books and South Asian University, New Delhi, 2015 to date

**Perera, Sasanka**, Member, advisory Board, *The JMC Review: An Interdisciplinary Social Science Journal of*

*Criticism, Practice and Theory*, Jesus and Mary College, University of Delhi, 2015 to date

**Shakya, Mallika**, Associate Editor, *Studies in Nepali History and Society (SINHAS)*, 2015 onwards

## Appointments to Memberships of National/International Bodies

**Kumar, Ravi**, External Expert, Research Committee of Centre for European and Latin American Studies, Jamia Millia Islamia, New Delhi, August 2017 onwards

## Publications

### Books (single author)

**Perera, Sasanka**, (compiled and edited by Chandra Lekamarchchi). 2017. *Sanskritiya Ha Denuma Pilibanda Deshapalanaya* (Politics of Culture and Knowledge) Vols 1 and 2. Colombo: Theertha International Artists Collective. ISBN 978 955 49 40 02 4

**Perera, Sasanka**, *Nibandhanayak Liyanne Keseda (A Manual for Writing Academic Prose; edited and expanded by Chandra Lekamaarchchi)*. 2017. Colombo: Ahasa Media Works. ISBN 9789667861159

### Edited Volumes

**Pathak, Dev Nath** and **Sasanka Perera**, eds., 2017. *Culture and Politics in South Asia: Performative Communication*, London: Routledge, ISBN: 9781138201132

**Pathak, Dev Nath**, ed. 2017. *Another South Asia*. Delhi: Primus, ISBN: 978-93-86552-55-6

**Pathak, Dev Nath**, ed. 2017. *Intersections of Sociology, Art and Art History: A Conversation with Parul Dave-Mukherji*, Delhi: Aakar ISBN: 9789350024416

### Chapters in Books

**Mehra, Diya**, 'Wealth, Mobility, Accretive Citizenship and Belonging: Why Everyone Comes to Kullu and How they Remain' in Marie-Hélène Zérah and Eric Denis ed.. *Subaltern Urbanization in India: An introduction to the dynamics of ordinary towns*. Delhi: Springer, 2017, pp 283-309, ISBN: 978-81-322-3614-6

**Kumar, Ravi**, 'Imagining South Asia Differently: Towards a Non-instrumentalist Idea of Regional Consciousness', in Pathak, Dev ed., *Another South Asia*, Delhi: Primus Books, 2017, pp.89-99, ISBN; 978-93-86552-55-6



**Kumar, Ravi**, 'Preface' to the Dave Hill, *Class, Race and Education Under Neoliberal Capitalism*, Delhi: Aakar Books, 2017, ISBN: 9789350024621

**Pathak, Dev**, (and Avanti Chhatre) 'Melodramatic South Asia: In the Performative Scape', in Dev Pathak, ed., *Another South Asia*, Delhi: Primus Books, 2017, pp.163-185, ISBN; 978-93-86552-55-6

**Perera, Sasanka**, 'Re-imagining and Re-narrating South Asia: Artists' Travel and the Practice of Visual Art as a New Experiential Cartography' in Dev Pathak, ed., *Another South Asia*, Delhi: Primus Books, 2017, pp.251-274, ISBN; 978-93-86552-55-6

**Perera, Sasanka**, 'Photography's Methodological Absence in Social Anthropology in South Asia: Some Preliminary Thoughts for Consideration' in N. Jayaram, ed., *Knowing the Social World: Perspectives and Possibilities*. Hyderabad: Orient BlackSwan, 2017, pp. 299-319. ISBN 10: 8193415760

**Shakya, M.**, 'Labour Militancy in Neoliberal Times: A Preliminary Comparison of Nepal with South Africa' in *World Anthropologies in Practice: Situated Perspectives, Global Knowledge*, London/Oxford/NY/New Delhi/Sydney: Bloomsbury Academic, 2017. pp 41-58, 978-1-47425-263-8.

## Papers in Journals

**Datta, Ankur**, 'Uncertain Journeys: Return migration, home and uncertainty for a displaced Kashmiri community' in *Modern Asian Studies* Vol 51, Issue 4, pp 1099-1125 ISSN: 0026-749X (Print), 1469-8099 (Online)

**Datta, Ankur**, 'Teaching Political Violence: Experiences from a South Asian Classroom', *Studies in Indian Politics* Vol 5, Issue 2, pp 262-268, ISSN: 23210230

**Datta, Ankur**, 'Remaking Life in Neo-Liberal Times: Normalcy, Conflict and Displacement in Jammu and Kashmir', *International Sociological Association E-Symposium* Vol 7, Issue 3, <http://www.sagepub.net/isa/admin/viewEBPDF.aspx?art=EBul-Datta-Dec2017.pdf&type=2>

**Kumar, Ravi**, 'Challenging 'the deep grammar of capitalism's pre-requisite for its alternative: Some thoughts on India today', *The JMC Review*, Vol. 1, 2017, pp.164-177 ISSN: 2456-9550

**Kumar, Ravi**, 'Consensualised Reproduction and Fasciation of Society: Critical Pedagogy in Times of Despair', *Journal of Critical Education Policy Studies*, Vol. 15, No. 3, December 2017, ISSN 1740-2743

**Pathak, Dev Nath**, 'Melodramatic South Asia: In Quest of Local Cinemas in the Region', *Journal of Human Values*, vol. 23, No. 3, 2017, pp.1-11, ISSN 09716858

**Shakya, M.**, 'An Anthropological Reading of the Policies of International Development: Export Competitiveness as a Conjunctural Case Study', *Dialectical Anthropology* Vol 41, No 2, June 2017, pp. 113-128, ISSN: 0304-4092.

**Shakya, M.** and J. Clammer, 'Introduction to the Special Issue: Economic Anthropology and Development Alternatives: Rethinking and Re-Politicizing Theory and Practice', *Dialectical Anthropology* Vol 41, No 2, June 2017, pp. 87-96, 0304-4092.

**Shakya, M.** 'Reading Parijaat and BP Koirala: Belonging and Borders in 20th Century Nepali Novels', *Economic and Political Weekly*, Vol LII, No 15, April 15, 2017, pp. 53-60. 2349-8846.

#### Keynote Addresses and Invited Talks

**Bhuwania, Anuj**, 'The Politics of Public Interest Litigation in Post-Emergency India' International Centre Goa, Goa, 20 Jan 2017; Sociology Department, JNU, 2 Feb, 2017; National Institute for Public Finance and Policy (NIPFP), Delhi, 7 February, 2017; Delhi School of Economics, Delhi University, 17 Feb, 2017; School of Public Policy and Governance, Tata Institute of Social Sciences, Hyderabad,

16-18 March 2017; Inter University Centre for IPR Studies, CUSAT, Kochi, 20 March 2017; National Law School of India University, Bengaluru, 14 March; Department of Humanities and Social Sciences, IIT Delhi, 28 March, 2017

**Bhuwania, Anuj**, 'Revisiting the Origins of Public Interest Litigation in Post-Emergency India' organized by South Asia Political Thought Discussion Group, University of Oxford, Oxford, 30 Jan 2017

**Bhuwania, Anuj**, 'Exclusion by Judicial Innovation', Public Law and Policy Discussion Group at National Law University, Delhi, 1 March 2017

**Bhuwania, Anuj**, 'On the 'misuse' of law in India: The case of anti-cow slaughter statutes', Workshop on 'Taking Nature to the Courtroom in South Asia', University of Edinburgh, Edinburgh, 15-16 June, 2017

**Bhuwania, Anuj**, 'Inequality and access to justice', Conference on 'The Global South in Comparative Constitutional Law', Humboldt University, Berlin, 13-15 July 2017

**Bhuwania, Anuj**, 'Judicial delay: Informalism as panacea', 'Law & Economics Policy Conference', National Institute of Public Finance and Policy (NIPFP), Delhi, 4-6 Dec, 2017.

**Datta, Ankur**, 'The Art of Asking Questions', at the 'Research Methodology Workshop', organized by the Centre for Culture, Media and Governance, Jamia Millia Islamia, New Delhi 13 Dec 2017

**Datta, Ankur**, 'Research Ethics and Academic Writing', at the 'Capacity Building Programme', organised by the Giri Institute of Development Studies, Lucknow, 2 June 2017

**Datta, Ankur**, 'Coming of Age, But Out of Place: Senses of being, masculinity and the past among displaced Kashmiri pandit youth', at 'Echoes and Resonances: Critical Challenges for Youth and Peace Building in Kashmir: A Consultative Dialogue', organised by Women in Security, Conflict Management and Peace and South Asian University, 23 March 2017

**Kumar, Ravi**, 'Pedagogical War and the Making/Unmaking of the Revolutionary Subject: The Case of India' at the International Conference on 'Russian Revolution Centenary: Reflections for the 21st Century' organised by the Faculty of Social and Educational Policy, School of Social and Political Sciences, University of the

Peloponnese in collaboration with the Cooperative Institute for Transnational Studies and the California Institute of Integral Studies at Corinth, Greece, 27-29 Oct 2017

**Kumar, Ravi**, 'Consensualised Reproduction and Fascisation of Society: Critical Pedagogy in Times of Despair' at the International Conference on 'Educational Policy Shifts in Neo-Liberal Times: Core Concerns and Critical Issues', organised by Gargi College, University of Delhi, 15 Sept, 2017

**Kumar, Ravi**, 'Education and the Question of Justice: Socio-Political and Pedagogical Challenges' at the Department of Elementary Education, Gargi College, University of Delhi, 23 March, 2017

**Pathak, Dev Nath**, 'Performance of Politics: Texts and Contexts in South Asia', at the 'International Conference on Peaceful and Prosperous South Asia: Opportunities and Challenges', organized by the Department of Humanities and Social Science, Jaypee Institute of Information Technology, Noida, 27 - 29 March, 2017.

**Pathak, Dev Nath**, 'Performative Communication: A Way Forward in Visually Constipated Sociology/Social Anthropology', at Manipal Univeristy, Mangalore, at 'Understanding Social Issues in Global India', organized by Manipal Center for Humanities and Philosophy, Manipal, 16-17 Nov, 2017.

**Perera, Sasanka**. 'Reclaiming Social Sciences and Humanities: Notes from South Asia', Keynote address delivered at the 4th Annual Research Symposium of the National Centre for Advanced Studies in Social Sciences and Humanities, University Grants Commission, Sri Lanka, Colombo, 20 Dec 2017.

#### Papers Presented and Lectures Delivered

**Bhuwania, Anuj**, 'Litigating "Public Interest"', Nyaya Forum for Courtroom Lawyering, NALSAR, Hyderabad, 25 March, 2017

**Datta, Ankur**, 'Coming of Age, But Out of Place: Senses of being, masculinity and the past among displaced Kashmiri Pandit youth', at 'Himalayan Studies Conference', organised by the Association for Nepal and Himalayan Studies and University of Colorado, Boulder, 1-4 Sept 2017

**Kumar, Ravi**, Discussant at the session on 'Caste and Occupation' at the International Conference on 'Work,

Identity and Livelihood in Nepal: Theoretical challenges and contemporary practices for South Asia' organized by the South Asian University, Martin Chautari Centre for Social Sciences and Humanities and Centre for Study of Developing Societies, New Delhi, 22 July 2017

**Kumar, Ravi**, 'Conversion, Hope and Resistance: The Politics of Oppressed Castes and Buddhism in India' at the International Conference on 'Buddhist Cultural Pluralism in South Asia: Explorations in Popular-Contemporary Buddhist Imageries', organised by the Department of Sociology, South Asian University, Royal University of Bhutan and Sherubtse College, Bhutan at Thimpu, 17-18, March 2017

**Kumar, Ravi**, 'The Idea of South Asia: Beyond the Intellectual Dependence on Statist Perspective' at the National Seminar on 'Debating the Idea of South Asia' organised by the Department of Political Science, University of Delhi and Department of Sociology, South Asian University, 18 Feb 2017

**Kumar, Ravi**, 'Teaching 'Hope' and 'Alternative' in the Age of Mounting Aggression Against Thinking' panelist on 'Relevance of Social Sciences in India' at Graduate Seminar on 'Education, Change and Continuity', organised by the Zakir Husain Centre for Educational Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi, 27 Feb 2017

**Mehra, Diya**, chair of panel on 'Making Indian Cities more Sustainable and Equitable' at 'City Scripts 2017', organized by the Indian Institute for Human Settlements, New Delhi, 10-12 March 2017.

**Mehra, Diya**, panelist, 'The City in Law' at 'City Scripts 2017', organized by the Indian Institute for Human Settlements, New Delhi, 10-12 March 2017.

**Mehra, Diya**, 'What kind of Urban? A case-study of a small Indian town'. International Conference of Asian Scholars, organized by the International Institute for Asian Studies, Chiang Mai, July 19-23, 2017.

**Mehra, Diya**, chair of panel on 'Marginality and Identity: The Political Economy of Exclusion' at the 'International conference on State, Civil Society and India's Religious Margins', organized by the Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi, 7-8 Dec 2017.





**Mehra, Diya**, panelist on 'Invisible Cities', organized by the Hyderabad Urban Lab, Hyderabad, 14 Dec, 2017.

**Pathak, Dev Nath**, 'Becoming Khattar Kaka: Pedagogic Reasoning with Maithili Folklore', at the National University of Educational Planning and Administration, Delhi, on 'Indigenous Knowledge Systems and Youth Empowerment', organized by NEUPA, New Delhi, 2-3 March, 2017.

**Pathak, Dev Nath**, 'Ways of Seeing Buddhism: Contesting Epistemology to Situate the Popular', at an international conference on 'Buddhist Cultural Pluralism in South Asia: Explorations in Popular-Contemporary Buddhist Imageries', organized by the Department of Sociology, South Asian University and Department of History, Sherubtse College, Royal University of Bhutan, Thimphu, on 17-18 March 2017.

**Pathak, Dev Nath**, 'Critical Consciousness in Performative Texts', at the 'International Summer School', organized by Center for Escalation of Peace, JNU, on 7 July 2017.

**Perera, Sasanka**, 'Tracing the Contours of a "United Buddhist World": The Unfinished History of a Super Stat.', at the International Conference on Buddhist Cultural Pluralism in South Asia: Explorations in Popular Contemporary Buddhist Imageries, co-organized by the Department of Sociology, South Asian University and Department of History, Sherubtse College, Royal University of Bhutan, 17-18 March 2017, Thimphu, Bhutan.

### Working Papers

**Kumar, Ravi** and Kotes Devulapally, 'Struggling Against and Struggling Within: A Historical View of Left Politics in the Telangana Region', *Working Paper Series 2017/1*,

Department of Sociology, South Asian University and Rosa Luxemburg Stiftung, ISBN: 978-93-83723-28-7

**Kumar, Ravi** and Kotes Devulapally, 'Questions of Caste and Gender in the Left Movement: Some implications from Telangana', *Working Paper Series 2017/2*, Department of Sociology, South Asian University and Rosa Luxemburg Stiftung, ISBN: 978-93-83723-33-1

### Conferences/Panels/Workshops/Courses organized

Panel discussion on 'Movements and their Trajectories: Contemporary Reading(s) of the Telangana Struggles', organized by the Department of Sociology in collaboration with the Rosa Luxemburg Stiftung, Berlin with Varavara Rao, Srinivas Burra and Kotes Devulapally as panelists on 14 Nov, 2017, and Dr Ravi Kumar as Coordinator and Chair

International conference on 'Contemporary Capitalism and Revolutionary Possibilities: 150 Years after Capital and 100 Years after Russian Revolution', organized by the Department of Sociology in collaboration with the Rosa Luxemburg Stiftung, Berlin and India International Centre, Conference Coordinator: Dr Ravi Kumar, New Delhi on 3-4 Nov, 2017

Residential workshop on 'Doing Marxism Today', organized by Department of Sociology in association with Rosa Luxemburg Stiftung at Fort Unchagaon, Bulandshahr. Course Coordinator: Dr Ravi Kumar, 3-12 June, 2017

International conference on 'Work, Identity and Livelihood: Theoretical Challenges and Contemporary Practices for South Asia', in collaboration with Centre for the Study of Developing Societies, Delhi, Centre for Social Science and Humanities, Delhi & Kathmandu and Martin Chautari, Kathmandu at South Asian University New Delhi, Conference Coordinator: Dr Mallika Shakya, 22-23 July, 2017

International conference on 'Visual South Asia: Anthropological Exploration of Media and Culture', co-organized by Department of Sociology, South Asian University and Department of Anthropology, University of Dhaka at University of Dhaka, Bangladesh, Conference Co-convenor: Dr Dev Nath Pathak, 10-11 May 2017

National Seminar on 'Folk Philosophy in South Asia: Exploring Cosmic and Mundane in the Folklore', organized by Department of Sociology, South Asian University and

Department of History, Banasthali Bidyapeeth at Banasthali Bidyapeeth, Tonk, Rajasthan, Conference Co-convenor: Dr Dev Nath Pathak, 25-26 March 2017

International conference on 'Buddhist Cultural Pluralism in South Asia: Explorations in Popular-Contemporary Buddhist Imageries', organized by the Department of Sociology, South Asian University and Department of History, Sherubtse College, Royal University of Bhutan, Thimphu, at Thimphu, Conference Convenor: Prof Sasanka Perera, Co-convenor: Dr Dev Nath Pathak, 17-18 March 2017

Moushumi Bhowmik the renowned artist was invited for a concert on 3<sup>rd</sup> March. On 6<sup>th</sup> March she delivered a lecture on 'Musical Flows Across Borders' and on 7<sup>th</sup> March she delivered

another lecture on 'Exploring Arnold Bake's Recordings from the Subcontinent'. Coordinator: Dr. Ravi Kumar

National Seminar on 'Modern South Asian Thinkers Re-Imagining South Asia: Exploration in the History of Ideas', co-organized by Department of Political Science, University of Delhi and Indian Council for Social Science Research at University of Delhi, Conference Co-convenor: Dr Dev Nath Pathak, 17- 18 February 2017

'Intensive Course on Teaching Sociology to Faculty Members at Undergraduate Level' was organised at Sherubtse College, Royal University of Bhutan organised by the Department of Sociology, South Asian University, Course Coordinator: Dr Ravi Kumar, 13-17 February, 2017

### Visit of Scholars to the Dept./Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name and Affiliation	Speaker Affiliation
1.	31.01.2017	Writing Resistance: The Rhetorical Imagination of Hindi Dalit Literature	Laura R. Brueck, Co-Director, Global Humanities Initiative North-western University	
2.	15.02.2017	Sexual Violence, Public Secrecy and Legal Pluralism in India	Pratiksha Baxi, Centre for the Study of Law and Governance, JNU	
3.	22.02.2017	The Indian Constitution from Above and Below: Markets, Rights & the Making of India's Democracy (1950-1964)	Rohit De, Yale University	
4.	01.03.2017	The Ghosts of 1984: The anti- Sikh pogrom and its never ending after - burn	Vikram Kapur, Shiv Nadar University	
5.	09.03.2017	Exploring South Asia Series	Prof. Marcus Banks, University of Oxford	
6.	10.03.2017	(Social) Memory, Movements and Messaging on Tulsi Pipe Road: 'Seeing' Public Wall Art in Mumbai"	E. Dawson Varughese, Independent Scholar	
7.	29.03.2017	Calibrating Religion, Region and Nations: Politics of Belonging on the Kargil Borderland	Radhika Gupta, Centre for Modern Indian Studies, University of Goettingen, Germany	
8.	12.04.2017	Becoming Citizens: Law and State Practices in India	Prof. Anupama Roy, Centre for Political Studies, School of Social Sciences, JNU	
9.	23.08.2017	The Challenge and the Promise of the Objectives Resolution of Pakistan, 1949-2015	Dr Neeti Nair, University of Virginia, USA	

Sl. No.	Date	Subject/Topic	Speaker's Name and Affiliation	Speaker Affiliation
10.	30.08.2017	The Voices of Writing: Petitioning by 'terrorists' in Delhi's courts"	Dr Mayur Suresh	School of Oriental and African Studies University of London.
11.	04.10.2017	Indira's Emergency in a Time of Modi- Thinking Through Bio Politics in Indian Constitutionalism	Dr. Akshay Khanna	Social Anthropologist, Political Activist, Theatre Practitioner and Amateur Chef based in New Delhi.
12.	26.10.2017	Gandhi, Hinduism and Humanity	Faisal Devji, Oxford University	
13.	01.11.2017	Public Rituals and Religious Minorities in Pakistan	Mr. Paul Rollier, University of St. Gallen, Switzerland	
14.	08.11.2017	Unforgetting Chaitanya : Cultures of Devotion in Colonial Bengal	Varuni Bhatia, Azim Premji University, Bangalore	

### Students' Achievements

#### Papers in Journals/Working Papers

**Pandey, Krishna**, (2017). 'Politicising ethnicity: Tharu contestation of Madheshi identity in Nepal's Tarai', *The South Asianist*, Vol. 5, No.1, 2017, pp. 304-322, ISSN 2050-487X

Kafle, Ramesh B., Komal P. Dulal, and **Krishna Pandey**. 'Continuum of Maternal Health Care and the Use of Postpartum Family Planning in Nepal', DHS Working Paper No. 133, 2017, Rockville, Maryland, USA: ICF

#### Papers Presented and Lectures Delivered

**Pandey, Krishna**, 'Ethnic politics, Madheshi uprisings and the question of citizenship: A case of Nepal' at the "Fourteenth Annual Conference of the Centre for the Study of Citizenship", organized by Wayne State University, Detroit, Michigan, USA, 30 March-01 April 2017

#### Grants and Awards

**Pandey, Krishna**, DHS Fellowship 2017 by USAID DHS programme, USA.

#### *Rickshaw: A Students' Collective*

#### Faculty Coordinator: Dev Pathak

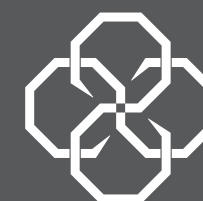
This year Rickshaw, the students, blog (<https://sausociology.wordpress.com/about-2/>) turned a new leaf and became a more holistic body, as *A Students' Collective*,

with many hats to don including a blog. It organised a number of activities apart from the regular updation of the blog. On 8<sup>th</sup> February a Conversation with Ramendu Majumdar was held On Theatre and Cultural Politics in Bangladesh with Dr. Dev Pathak in the Chair. On 19<sup>th</sup> April in Meet the Author series discussion was organized around Sahana Udupa's book *Making News in Global India: Media, Publics, Politics* with Bhupendra Chaubey and Ratan Kumar Roy as panelists and Prof. Biswajit Das in the Chair. On 15<sup>th</sup> November, in Meet the Author series discussion was organized around Paramita Ghosh's *In a Future April* with Amrith Lal and Dr Ambarish Satwik and Dr Mallika Shakya as panelists and Dr Ravi Kumar in the Chair.

The student coordinators playing key roles in carrying out the activities and publications of Rickshaw are: Anakshi Pal, M.Phil/PhD (2nd Year), Anubha Shrivastava, MA (1st Year), Anushka, Kahandagama, M.Phil/PhD (1st Year), C.P. Aryal, M.Phil/PhD (1st Year), Mumitha Madhu, M.Phil/PhD (2nd Year), Neranjan Maddumage, MA (1st Year), Rajashree Chowdhury, MA (2nd Year), Richa Tewari, MA (1st Year) and Tuisha Sircar, MA (1st Year).

#### Cinema and Society

Department of Sociology's Cinema and Society continued to organize film shows and discussions around films. Film directors were also invited as part of the programme. Some of the films included were: 'The other song' by Saba Dewan; 'Mera Apna Sheher' by Sameera Jain and 'Bin Savlyanchya Gavati' by Gouri Patwardha.



## Annexures

Ref. No.....

Date.....

## INDEPENDENT AUDITOR'S REPORT

To the President  
South Asian University,  
New Delhi.

### Report on the Financial Statements

We have audited the attached financial statements of **The South Asian University** ('the University'), which comprise the Balance Sheet as at December 31, 2016, the Statement of Income and Expenditure account and The Statement of Receipts and Payments for the year ended on the date annexed thereto, and a summary of significant accounting policies and other explanatory information in respect of Consolidation its Operation Account and Capital Expenditure Account.

These Financial Statements incorporate the Operation Accounts audited by us & Capital Expenditure Accounts audited by C & AG. We have relied on the report given by C&AG with regard to Financial Statements of Capital Expenditure Account.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a fair view, in all material respects, of the financial position and financial performance of the University in accordance with The South Asian University Act, 2008, Rules and Regulations made thereunder and all the byelaws of the University (Hereinafter called as 'governing laws/rules/regulations'). This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the company and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgements and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were

operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit, and the report given by C&AG that we have relied upon. We have taken into account the provisions of this Act, the accounting and auditing standards and matters which are required to be included in the audit report under the provisions of the Act and the rules made thereunder.

We conduct our audit in accordance with the Standard on Auditing generally accepted in India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, and due to fraud or error. In making those risk assessments, the auditors considers internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statement.

### Opinion

In our opinion and to the best of our information and according to the explanations given to us (based on the C&AG Report on Capital Expenditure Account), the Financial Statements give the information in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the University as at December 31, 2016.

Continuation Sheet



**Report on Other Legal and Regulatory Requirements**

Further, we report that:

- 1) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- 2) In our opinion, proper books of account as required by law have been kept by the University so far as it appears from our examination of those books.
- 3) The financial statements give the information required by the governing law/rules/regulations in the manner so required and give a fair view in conformity with the accounting policies, of the University:
  - a) in the case of the Balance Sheet, of the financial position as at December 31,2016;
  - b) in the case of the Income & Expenditure Account, of the surplus for the year ended on that date.
  - c) in case of Receipt and Payments Accounts for the year ended on that date.
- 4) The Balance Sheet, the Statement of Income & Expenditure, and the Statement of Receipts & Payments dealt with by this Report are in agreement with the books of account.
- 5) In our opinion, the financial statements comply with the Accounting Standards generally accepted in India.
- 6) The University has, substantially and in all material respects, complied with the governing laws/rules/regulations while carrying its operations.
- 7) The accounting policies adopted for the preparation of financial statements are consistent on a basis with that of the preceding financial year.

For Amit Ray & Co.,  
Chartered Accountants  
FRN-000483C  
CA Ishani Mukherjee  
Partner  
M.No-436517



Place- New Delhi  
Dated- 07.09.2018

Continuation Sheet

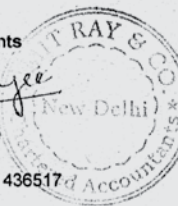
**SOUTH ASIAN UNIVERSITY**  
Consolidated Balance sheet  
BALANCE SHEET AS AT 31ST DECEMBER 2016

<u>CORPUS/CAPITAL FUND &amp; LIABILITIES</u>	Schedule	Current Year	Amount (Rs.) Previous Year
Corpus Fund	1	232,173,807	195,840,290
Capital Fund		861,946,823	284,648,360
General Fund		136,062,440	102,736,220
Earmarked /Endowment Fund	2	(16,820,710)	3,027,829
Current Liabilities	3	1,074,517,345	611,202,635
<b>TOTAL</b>		<b>2,287,879,705</b>	<b>1,197,455,334</b>
<b><u>ASSETS</u></b>			
Fixed Assets Gross Block	4	1,102,112,080	493,476,360
Less: Depreciation till date		240,165,257	208,828,000
<b>Net Assets</b>		<b>861,946,823</b>	<b>284,648,360</b>
Current Assets	5	1,425,932,882	912,806,974
<b>TOTAL</b>		<b>2,287,879,705</b>	<b>1,197,455,334</b>
Significant Accounting Policies and Notes on Accounts	11	0	0

For Amit Ray & Co.,

Chartered Accountants

CA Ishani Mukherjee  
Partner  
Membership Number: 436517  
Firm No. 000483C  
Place : New Delhi  
Date: 07-Sep-2018



For South Asian University

CA Keshav Datt  
(Dy. Director Finance)

Mr. K.A.D Pushpakeerthi  
(Director Finance)

Dr. Kavita A Sharma  
(President)

**SOUTH ASIAN UNIVERSITY  
CONSOLIDATED INCOME AND EXPENSES  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER 2016**

		(Amount - Rs.)	
INCOME	Schedule	Current Year	Previous Year
Operational Contribution from Member States		513,353,198	439,526,645
Capital Contribution from Host State		242,860,517	222,063,296
Capital Fund Transferred (to the extent of Depreciation)	4	31,385,952	36,219,721
Academic Receipts	6	32,167,925	26,279,949
Other Income	7	1,171,480	1,765,262
<b>TOTAL</b>		<b>820,939,072</b>	<b>725,854,873</b>
EXPENDITURE		Current Year	Previous Year
Establishment Expenses	8	333,222,998	293,136,663
Other Administrative Expenses etc.	9	82,230,510	78,867,616
Academic Expenses	10	97,899,690	69,864,084
Infrastructure Renovation of Akbar Bhawan		2,383,553	534,617
Rent of Akbar bhawan		240,168,029	221,528,679
Other Expenses		322,120	
Depreciation: During the Year	4	31,385,952	36,219,721
<b>TOTAL</b>		<b>787,612,852</b>	<b>700,151,380</b>
Balance being surplus carried forward to General Fund			
Significant Accounting Policies and Notes on Accounts	12	33,326,220	25,703,493

For Amit Ray & Co.,  
Chartered Accountants

*Ishani Mukherjee*  
CA. Ishani Mukherjee  
Partner  
Membership Number: 436517  
Firm No. 000483C  
Place : New Delhi  
Date: 01-24-2018

For South Asian University

*Keshav Datt* CA Keshav Datt (Dy. Director Finance)  
*Pushpakeerthi* Mr. K.A.D Pushpakeerthi (Director Finance)  
*Kavita A Sharma* Dr. Kavita A Sharma (President)

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER 2016

		Current Year	Previous Year
<b>I. RECEIPTS</b>			
<b>Opening Balances</b>			
a) Cash in hand		402,792	205,673
b) Bank Balances		(2,072,671)	(1,127,101)
<b>T. In Current accounts</b>		<b>872,587,954</b>	<b>896,854,447</b>
<b>II. Contributions Received</b>			
i. Operational Contribution from SAARC Member States		732,806,216	355,809,694
ii. Capital contribution from SAARC Host Member State		501,181,725	
<b>III. Interest Received</b>			
a) On Bank deposits		29,461,199	81,399,053
<b>IV. Academic Receipts</b>			
a) Fees From SAU Students		20,660,914	19,754,133
<b>V. Other Receipts</b>			
a) Other Corpus fund Receipts		5,500,140	5,540,404
b) Security Deposit from Students		1,521,375	1,492,000
c) Security Deposit from Vendors		110,699	226,215
d) Earnest Deposit from Vendors		17,592,197	1,475,651
e) SAARC Silver Jubilee Scholarship GOI		26,105,953	51,918,548
f) Research & Development project receipts		1,269,349	2,066,760
g) Other Misc Receipts		26,695	1,231,187
h) Advance from staff / students recovered		15,122,802	2,506,624
i) Amount for common services recovered-MOIA		9,987,043	7,536,376
k) VAT Refund from Delhi Government		1,195,636	1,284,993
l) Employees		1,102,525	663,447
m) Operational Account		331,534	797,463
n) Capital Account		19,542	19,542
<b>Demurrages Recovered from Vendors</b>			
Staff Advance Recovered		8,000	21,000
Tender Fees		-	-
<b>TOTAL</b>		<b>2,234,903,602</b>	<b>1,435,694,547</b>
<b>PAYMENTS</b>			
<b>Expenses</b>			
a) Establishment Expenses		294,838,199	266,543,977
b) Administrative Expenses		73,284,816	71,365,609
c) Academic Expenses		91,216,269	48,698,074
<b>Expenditure on Fixed Assets</b>			
a) Purchase of Fixed Assets		14,907,321	11,113,890
b) Expenditure on Capital Work in Progress		303,307,654	5,035,654
<b>Other Payments</b>			
a) Advance to Staff / students		15,212,313	10,675,619
b) Advance to Service Provider/ Vendors		362,274,132	24,530,959
c) Refund of Security deposits /EMDs		16,075,711	4,206,129
d) Temporary Loan to Capital Account		1,088,124	42,284,718
e) Deposit of Security with Government		987,910	819,140
f) VAT Paid		22,944,357	21,136,975
g) Liabilities towards service provider/ vendor paid		5,662,433	6,189,172
h) Amount for common services paid on behalf of		3,046,267	522,197
i) Liabilities towards staff and students paid		13,069,447	43,899,117
j) Research & Development project payments		1,519,400	910,300
k) Refund of students security deposit/Fee		15,707,614	-
l) SAARC Silver Jubilee Scholarship		-	41,566
m) Advance to Custom Agent		1,128,768	1,462,035
n) VAT Refunded Employees		691,066	663,447
o) Operational		444,928	391,219
p) VAT paid to be reimbursed by Delhi Government		2,130	641
q) Bank Charges		319,990	-
r) Revenue Expenses		19,542	-
s) Demurrage Expenses		-	335,627
t) Operational Account(Timing Difference)		-	-
u) Infrastructure Renovation		461,284	506,394
v) Akbar bhawan		750,870	402,782
<b>IV. Closing Balances</b>			
a) Cash in hand		67,914,024	(2,072,671)
b) Bank Balances		936,619,033	872,587,954
<b>TOTAL</b>		<b>2,234,903,602</b>	<b>1,435,694,547</b>

For Amit Ray & Co.,  
Chartered Accountants

*Ishani Mukherjee*  
CA. Ishani Mukherjee  
Partner  
Membership Number: 436517  
Firm No. 000483C  
Place : New Delhi  
Date: 01-24-2018

For South Asian University  
CA Keshav Datt (Dy. Director Finance)  
Mr. K.A.D Pushpakeerthi (Director Finance)  
Dr. Kavita A Sharma (President)

# Members of Governing Board - 2017

1.	Afghanistan	<b>Mr. Abdul Tawab Balakarzai</b> <i>Deputy Minister</i> Ministry of Higher Education Islamic Republic of Afghanistan	w.e.f 19.2.2017
		<b>Mr. Amir Mohammad Ramin</b> <i>Director General</i> Directorate General of Regional Cooperation Ministry of Foreign Affairs of Afghanistan Islamic Republic of Afghanistan	w.e.f 19.2.2017
		<b>Prof. Dr. Baray Seddiqi</b> <i>Deputy Minister</i> Ministry of Higher Education Islamic Republic of Afghanistan	upto 18.2.2017
		<b>Prof. Hamidullah Amin</b> <i>President Private Universities</i> Ministry of Higher Education Islamic Republic of Afghanistan Afghanistan	upto 18.2.2017
2.	Bangladesh	<b>Prof. Abdul Mannan</b> <i>Chairman</i> University Grants Commission Bangladesh	w.e.f 28.5.2017
		<b>Mr. Md. Shamsul Haque</b> <i>Director General (SAARC &amp; BIMSTEC)</i> Ministry of Foreign Affairs Bangladesh	
		<b>Mr. Tareq Ahmed</b> <i>Director General (SAARC &amp; BIMSTEC)</i> Ministry of Foreign Affairs Bangladesh	
3.	Bhutan	<b>Mr. Sangye Chewang</b> <i>Chief of the Division</i> Dept. of SAARC & Regional Organizations, Ministry of Foreign Affairs Royal Government of Bhutan	
		<b>Ms. Kesang Choden Dorji,</b> <i>Director</i> Department of Adult and Higher Education Ministry of Education Royal Government of Bhutan	

4.	India	<b>Mr. Piyush Srivastava</b> <i>Joint Secretary (SAARC)</i> Ministry of External Affairs Government of India	w.e.f. 30.11.2017
		<b>Chairman</b> <i>University Grants Commission</i> India	Upto 29.11.2017
		<b>Mr. Prashant Agrawal</b> <i>Joint Secretary (SAARC &amp; BC)</i> Ministry of External Affairs Government of India	upto 29.11.2017 and again w.e.f. 30.11.2017
5.	Maldives	<b>Dr. Abdulla Nazeer</b> <i>Minister of State for Education</i> Ministry of Education Republic of Maldives	
		<b>Dr. Mohamed Latheef</b> <i>Chancellor</i> The Maldives National University Republic of Maldives	
6.	Nepal	<b>Mr. Mani Prasad Bhattarai</b> <i>Joint Secretary</i> Regional Organization Division Ministry of Foreign Affairs Government of Nepal	
		<b>Prof. Dr. Parashar Prasad Koirala</b> <i>Chairperson</i> University Grants Commission Nepal	
7.	Pakistan	<b>Prof. Dr. Mukhtar Ahmed</b> <i>Executive Director</i> Higher Education Commission Pakistan	
		<b>Dr. Zafar Iqbal</b> <i>Director (SAARC)</i> Ministry of Foreign Affairs Pakistan	w.e.f. 17.12.2017
		<b>Dr. Muhammad Faisal</b> <i>Director General (SA &amp; SAARC)</i> Ministry of Foreign Affairs Pakistan	Upto 16.12.2017

8.	<b>Sri Lanka</b>	<b>Prof. Mohan de Silva</b> <i>Chairman</i> University Grants Commission Colombo	
		<b>Prof. P.S.M. Gunaratne</b> <i>Vice Chairman</i> University Grants Commission Colombo	
9.	<b>SAARC Secretariat</b>	<b>SAARC Secretary General</b> <i>(or his/her Representative)</i> H.E. Mr. Amjad Hussain B. Sial SAARC Secretary General Nepal	
10.	<b>South Asian University</b>	<b>Dr. Kavita A. Sharma</b> <i>President</i> South Asian University New Delhi	
		<b>Dr. A. K. Malik</b> <i>Registrar &amp; Secretary, Governing Board</i> South Asian University New Delhi	

## Annexure II

# Members of Executive Council - 2017

- Dr. Kavita A. Sharma**  
President, SAU-Chairperson
- Prof. L.A. Sasanka Perera**  
Vice President & Dean, FSS-SAU
- Prof. Santosh Panda**  
Vice President & Dean, FE-SAU  
(Also as Chairperson, Library Committee)
- Mr. Hamidullah Farooqi** w.e.f 29.3.2017  
Chancellor of Kabul University and Advisor Minister to the President of the Islamic Republic of Afghanistan on Higher Education  
Afghanistan
- Dr. Mohammad Farashuddin**  
Founder President and Vice-Chancellor of East West University and Former Governor of Bangladesh Bank  
Bangladesh
- Prof. Nidup Dorji** w.e.f. 18.5.2017  
Vice Chancellor  
Royal University of Bhutan
- Mr. Piyush Srivastava** w.e.f 6.11.2017  
Joint Secretary (BIMSTEC & SAARC)  
Ministry of External Affairs  
Government of India
- Mr. Prashant Agrawal** upto 5.11.2017  
Joint Secretary (DPA-I)  
Ministry of External Affairs  
Government of India
- Prof. R.K. Mohanty**  
Dean, FMCS-SAU
- Dr. A.K. Malik**  
Registrar, SAU &  
Non-voting Member Secretary
- Mr. Wasim Ahmed**  
Director-Finance SAU &  
Non-Voting Member

## Annexure III

# Members of Academic Council -2017

1.	<b>Dr. Kavita A. Sharma</b> <i>President, SAU-Chairperson</i>	
2.	<b>Prof. Sasanka Perera</b> <i>Vice President &amp; Dean, FSS-SAU</i>	
3.	<b>Prof. Santosh Panda</b> <i>Vice President &amp; Dean, FE-SAU</i> (also as Chairperson, Library Committee)	
4.	<b>Prof. Ranjan Kumar Mohanty</b> <i>Dean, FMCS, SAU</i>	
5.	<b>Dr. Senthil Venugopal</b> <i>Associate Dean, FLSB-SAU</i>	
6.	<b>Dr. Ravindra Pratap</b> <i>Associate Dean, FLS-SAU</i>	w.e.f. 6.3.2017
7.	<b>Dr. V.G.Hegde</b> <i>Associate Dean, FLS-SAU</i>	upto 5.3.2017
8.	<b>Prof. Rajen Harshe</b> <i>Visiting Professor</i> Dept. of International Relation, FSS-SAU	upto 31.7.2017
9.	<b>Prof. Syed Ahsan</b> <i>Visiting Professor</i> FE-SAU	
10.	<b>Dr. Siddharth Mallavarapu</b> <i>Chairperson</i> Dept. of International Relations, FSS-SAU	upto 17.11.2017 (F/N)
11.	<b>Dr. Muhammad Abulaish</b> <i>Chairperson</i> Dept. of Computer Science, FMCS-SAU	
12.	<b>Dr. Deepa Sinha</b> <i>Chairperson</i> Dept. of Mathematics, FMCS-SAU	
13.	<b>Dr. Ravi Kumar</b> <i>Associate Professor</i> Dept. of Sociology, FSS-SAU	

14.	<b>Dr. Anirban Dasgupta</b> <i>Associate Professor</i> FE-SAU	
15.	<b>Dr. Ravindra Pratap</b> <i>Associate Professor</i> FLS-SAU	
16.	<b>Dr. Ritu Guar</b> <i>Associate Professor</i> FLSB-SAU	
17.	<b>Dr. Pankaj Jain</b> <i>Associate Professor</i> FMCS-SAU	
18.	<b>Prof. Nidup Dorji</b> <i>Vice Chancellor</i> Royal University of Bhutan	upto 6.10.2017
19.	<b>Prof Athula Lakshman Ranasinghe</b> <i>Professor of Economics &amp;</i> <i>Dean Faculty of Arts</i> University of Colombo	
20.	<b>Dr. Ali Fawaz Shareef</b> <i>Vice Chancellor</i> Maldives National University	
21.	<b>Dr. A.K. Malik</b> <i>Registrar SAU &amp; Non-voting Member Secretary</i>	

## Annexure IV

# List of Finance Committee Members

1.	<b>Dr. Kavita A. Sharma Chairperson</b> <i>President</i> South Asian University New Delhi
2.	<b>Prof. Santosh C. Panda</b> <i>Vice President and Dean F.E</i> South Asian University New Delhi
3.	<b>Prof. Sasanka Perera</b> <i>Vice President and Dean FSS</i> South Asian University New Delhi
4.	<b>Prof. Abdul Mannan</b> <i>Chairman, University Grants Commission</i> Bangladesh
5.	<b>Ms. Nasira Moosa</b> <i>Lecturer, Maldives National University</i> Maldives.
6.	<b>Mr. Bijay Raj Ghimire (CA)</b> <i>G&amp;G Associates, Chartered Accountants</i> Nepal
7.	<b>Dr. A.K. Malik</b> <i>Registrar</i> South Asian University New Delhi Non-voting Member
8.	<b>Mr. Wasim Ahmed</b> <i>Director Finance</i> South Asian University Non-voting Member/ Secretary