

SAU
SOUTH ASIAN
UNIVERSITY



Annual Report 2018

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The theme for SAU Annual Report 2018 is mountains and elevated plains



Cementing the bonds of cooperation on a permanent foundation

The Annual Report is an occasion for stock taking and as I look back at the year that has gone by I am delighted to record that the South Asian University has more than fulfilled its mandate as an international, research focused university, building regional consciousness among the SAARC nations. A regular stream of lectures, workshops and seminars through the year, organized by the various Departments and Faculties, has kept our intellectual juices flowing.

The Faculty of Economics organized an international conference on South Asian Economic Development in partnership with the Asian Development Bank and held an International Economic Research Symposium jointly with the University of Peradenia, Sri Lanka. In the 'Contributions to Contemporary Knowledge' series, Professor Nancy Fraser from The New School, New York, delivered a lecture on 'Race, Empire and Capitalism'. The Department of International Relations organized a series of discussions on 'Gender, Populism and the Rise of Extremism: Perspectives from Scandinavia and South Asia'.

The Faculty of Mathematics organized an international conference on Current Trends in Theoretical and Computational Differential Equations while the Department of Computer Science organized an International Workshop on Computational Intelligence

and Machine Learning. The Faculty of Biotechnology, which hosts an annual conference in each of the SAARC countries by rotation, held its 4th such conference in Colombo, Sri Lanka. The Department of Sociology has conducted regular workshops for the capacity building of the faculty members of Sherubtse College, Bhutan, through the year.

A number of distinguished scholars and intellectuals like former Foreign Secretary, Ambassador Shyam Saran, Ambassador Swashpawan Singh, former National Security Advisor, Mr. Shivshanker Menon and H.E. Mrs Chitranganee Wagiswara, the High Commissioner of Sri Lanka to India, also visited the University for talks and discussions. SAU also hosted a delegation of educational administrators from Myanmar. Further details of many other such activities can be found in the reports of the various Departments and Faculties.

The year gone by will also be remembered for many moments of solidarity that define the ethos of the South Asian University. While we witness examples of cooperation on a daily basis in this international institution, one incident that stood out was when one of our students required a kidney transplant but could not afford it. In his hour of need, the entire student body, faculty and staff came together to contribute towards his

medical expenses. The alumni, too, pitched in, showing us that the SAU family is spread across the world and can be relied upon to help when required.

While we are a very young university by any standard, our achievements are already visible in more ways than one. We have produced our first set of PhDs; our alumni are doing exceptionally well in the fields of academics, research and in policy making bodies; the first buildings of our permanent campus are almost ready and we have received our first patent, just to mention a few. Cross border cooperation among our alumni is already high, and I am hoping there will be many more such instances on larger platforms. Partly encouraged by such inspiring stories and partly because of the popularity we have been garnering over the years as a serious research-focussed academic institution, the number of applications for admissions we receive every year is witnessing a steady rise.

The third Convocation of the University was held on 7 June 2018, in the esteemed presence of Minister for Education, Science and Technology, Federal Democratic Republic of Nepal, Mr. Giriraj Mani Pokhrel as Visitor's nominee. Member of Parliament, Rajya Sabha and President, Indian Council for Cultural Relations, Dr. Vinay Sahasrabudhe

was the Chief Guest. The event was attended by distinguished guests and dignitaries from various organizations. Degrees were conferred upon 6 PhD students, 10 MPhil students and 160 Master's students during the Convocation. It is heartening to note that we have produced more than 1000 graduates within this short period.

The University continues to engage in more international collaborations. We have strengthened our links with at least one institution of higher learning in each SAARC country by signing MoUs with them. So far, the University has formalized MoUs with at least 17 Universities/ Institutes including some from beyond the SAARC region.

As an evolving institution, SAU has had to focus much attention on its infrastructural development because the present premises limit the possibility of diversification of our academic bandwidth. The construction of the permanent campus at Maidan Garhi is on in full swing. The first set of four buildings is expected to be ready by next year while discussions and other modalities for Phase IV are in process. At the rate at which the work is progressing, I am sure that we will have a permanent place under the sun sooner than later.

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 could not meet.

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 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 powers to maintain discipline

amongst the teaching, and non-teaching staff in accordance with 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/recommended by the Council are as follows:



- Byelaws on the Assessment and Promotion Policy for Non-Teaching Staff
- Regularisation/Promotion of the Teaching/Non-Teaching Staff
- Reconstitution of Gender Sensitization Committee (GSC) and University Complaints Committee (UCC)
- Salary fixation guidelines for Teachers
- Eligibility Criteria at the time of Recruitment of Faculty Members
- Amendment in the Non-Teaching Employment Contract
- Revision of Maternity Leave benefits
- Amendment in Leave Rules
- Proposal for changes in the retirement benefits of Faculty and Staff
- Professional Development Policy for Non-Teaching Staff
- Status of SAU's Investments
- Capital Budget Estimates for financial years 2018/19 and 2019/20
- Operational Budget Estimates for the financial years 2018 and 2019
- Guidelines for adjustment of temporary advances

Academic Council (AC)

The Academic Council (AC) is the custodian of the academic activities of the SAU. It is vested with powers 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 admissions 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:

- Appointment of Examiners for the evaluation of Ph.D. thesis
- Approval of M.Phil. dissertation/Ph.D. theses of students in the Faculty of Social Sciences (FSS)
- Award of Zero Semester to four students of 2014-2016 batch
- Revision of M.Sc. Courses and PhD Programmes in the Faculty of Life Sciences and Biotechnology (FLSB) effective Monsoon semester 2017
- New courses for the Department of Computer Science, Faculty of Mathematics and Computer Science (FMCS)
- New/Revised courses for M.A. and M.Phil/Ph.D Programmes of the Department of Sociology in the Faculty of Social Sciences (FSS)
- Amendment in Byelaws relating to Registration of Students
- Constitution of an Academic Committee for the Department of Computer Science, Faculty of Mathematics and Computer Science (FMCS)
- Constitution of an Academic Committee for the Department of Mathematics, Faculty of Mathematics and Computer Science (FMCS)
- Constitution of an Academic Committee for the Department of International Relations, Faculty of Social Sciences (FSS)
- Constitution of an Academic Committee for the Department of Sociology, Faculty of Social Sciences (FSS)
- Constitution of the Faculty Admission Committee in the Faculty of Social Sciences (FSS)
- Nomination of Experts on the Academic Council
- Conduct of the Entrance Examination in digital format with effect from 2019

Finance Committee (FC)

The Finance Committee of the University considers the annual accounts, financial estimates and expenditure proposals. The annual accounts and estimates of the University, 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 7th meeting held on 09.10.2018.

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

- University's Accounts (Audited Financial Statements) for Financial Year- 2016 & 2017
- Revision of Investment Policy
- Status of SAU's Investments
- Extension in Appointment of University's Statutory Auditors.

- Capital Budget Estimates for Financial Year 2018-19 & 2019-20
- Operational Budget Estimates for Financial Year 2018 & 2019
- Guidelines for adjustment of temporary advances

SAU Administration

SAU is a relatively young University and at present administrative support is provided by a skeletal staff. Currently, there are only 44 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 the 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 (up to 31.08.18)



Prof. Santosh Panda
Vice President & Dean, FE

Faculties/Departments



Prof. Ranjan K. Mohanty
Dean, FMCS



Dr. Ravindra Pratap
Associate Dean, FLS



Dr. Sunil Kumar
Associate Dean, FE



Dr. Senthil K Venugopal
Associate Dean, FLSB
(up to 17.02.18)



Dr. Ritu Gaur
Associate Dean, FLSB
(wef 18.02.18)



Dr. Pranab Muhuri
Chairperson, DCS
(wef 15.09.18)



Dr. Mohd. Abulaisah
Chairperson, DCS
(up to 14.09.18)



Prof. Sanjay Chaturvedi
Dean, FSS (wef 01.09.18)
Chairperson, DIR (wef 21.06.18)



Dr. Ravi Kumar
Chairperson, DS



Dr. Deepa Sinha
Chairperson, DM
(up to 10.05.18)



Dr. Kapil Sharma
Chairperson, DM
(wef 11.05.18)

Administration & Finance



Mr. Thanglura Darlong
Chief Liaison Officer
(up to 19.02.18)



Dr. AVS Ramesh
Chief Liaison Officer
(wef 12.10.18)



Dr. AK Malik
Registrar



Mr. Washim Ahmed
Director-Finance
(up to 02.02.18)



Mr. KAD Pushpakeerthi
Director-Finance
(wef 01.06.18)



Mr. Keshav Datt
Dy. Director Finance



Mr. Anwar UI Haq
Dy. Registrar



Ms. Maina Kharga
Dy. Registrar



Mr. Bibhupada Tripathy
Dy. Registrar
(wef 13.09.18)



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
(up to 20.07.18)



Mr. Hari Prakash Mandal
Asst. Registrar



Mr. Bodapatla Mallesha
Asst. Registrar
(wef 12.09.18)



Mr. Aheibam Prahlad
PRO



Dr. Priyadarshini
Medical Officer



Mr. Abdullah Al Modabber
Asst. Librarian

University Finances

The capital cost of the University is being borne by the Government of India for which the Cabinet had approved an expenditure of US\$ 198 million in 2009. In addition, the Government of India has also provided, free of cost, about 100 acres plot of land in South Delhi for setting up the main campus of the South Asian University. Operational cost of running the University is shared, on year-to 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. Business Plan of the University containing the University budget figures has been approved by the Governing Board of the University.

The operational and capital budget estimates for the year 2018 are to the tune of US\$ 8.50 million and US\$ 67.56 million respectively.



Major Highlights of the Year

Third SAU Convocation

The University conducted its third convocation at the Pravasi Bhartiya Kendra, Chanakyapuri, New Delhi. Presided over by Mr. Giriraj Mani Pokhrel, Minister for Education, Science and Technology, Government of Nepal, the convocation also saw the presence of Dr. Vinay Sahasrabudde, President, ICCR and Member of Rajya Sabha as the Chief Guest, Mr. Amjad Hussain B Sial, the Secretary General of SAARC along with other members of SAU's statutory bodies from around the South Asia region.

Mr. Pokhrel said as the current chair of the SAARC, Nepal would give full support and cooperation to the SAARC process and particularly to the South Asian University, which he said was a dream of the visionaries of the region. The Minister was presiding over the convocation as the nominee of SAU's Visitor, who is the Chairperson of the SAARC.

While congratulating the students who received their degrees, Dr Vinay Sahasrabudde reiterated the importance of the day, i.e. 7 June as it was on this day Mahatama Gandhi resolved to fight injustice, when he was thrown out of the first class compartment of a train in

South Africa. He said that the empowered youth of the region should fight for unity and harmony in the region and SAU could be converted into a universal fraternity university.

A total of 176 students were conferred Masters, MPhil and PhD Degrees in various programmes that include Applied Mathematics, Biotechnology, Computer Science, Development Economics, International Relations, Legal Studies and Sociology. 7 programme toppers were honoured with the SAU Gold Medal and included one each from Bangladesh and Sri Lanka, and 5 from India. Students from the entire South Asia region were present at the convocation. Out of the total number of graduates, 21 were from Afghanistan, 17 from Bangladesh, 5 from Bhutan, 11 from Nepal, 5 from Pakistan and one from Sri Lanka and France while the remaining 99 were from India. 10 students received their M.Phil. Degrees, two from Nepal, one from Bangladesh and 7 from India. For the first time since its inception, South Asian University handed out the PhD Degrees to 6 of its scholars, one each from Afghanistan and Bangladesh and 4 from India, representing various Departments and Faculties.





In her speech, Dr. Kavita Sharma, President SAU, congratulated the graduates and shared her hope for the region as more and more young minds of the region were equipped with cutting-edge knowledge in the fields of Science and Social Sciences, in an inimitable environment of camaraderie. She said that the co-operation among the students in the South Asian University, drawn from different parts of South Asia, was nothing but inspiring.

SAARC Secretary General, Mr. Amjad Hussain Sial said that with the knowledge and education acquired

from the University, the graduates would play an important role in the development of the South Asian countries and the region. He also thanked the Government of India for allocating a 100 acre land in New Delhi and its magnanimous contribution for constructing the permanent campus of the university.

SAU Foundation Day Celebrations

The South Asian University organised its Foundation Day



at its campus in New Delhi with much fanfare. The day, observed every year on 7 March, got postponed to 23 March this time as the date was clashing with exam schedules of many students. Like in the previous year, the SAU Mess Committee took the lead in organising the South Asia Food Festival where the SAU community relished a variety of delicacies prepared by the students. Some of the sumptuous dishes included Qabuli Pulao, Hilsa Pulao, Mama Halim, Kewadasti, Bhel Puri, Litti Chokha, Kankrako Achar, Sindhi Biryani, Balochi Chicken Kadhai, Rava Laddu and Firni.

Cultural performances added colour to the campus towards the evening, displaying talents in music, dance and poetry. Prizes for the Annual Hostel Festival and Sports Meet were also distributed during the celebrations by Dr. Kavita Sharma, President and Prof. Santosh Panda, Vice President.

SAARC Charter Day

The commemoration of the 34th SAARC Charter Day was held at the South Asian University in its Akbar Bhawan Campus in Chanakyapuri, New Delhi, on 7 December 2018. Over the past years, the University has been observing this occasion, that 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

“Mathematics Spans in All Directions”. In her welcome address, Dr. Kavita Sharma, President, South Asian University, recalled about the background to the event and how South Asian University has become a living example of regional cooperation in South Asia. She informed that the University has been continuing its efforts to engage in more international collaborations and has at least one MoU with an institution of higher learning in each SAARC country. The results were evident from the 17 MoUs that had been signed with Universities/Institutes, including some from beyond the SAARC region, till date, she added.

Dr. Sharma read out the message from the Prime Minister of India, Mr. Narendra Modi, to all fellow citizens of SAARC member states on the occasion of the 34th SAARC Charter Day: “As a founding member of SAARC, India is committed to strengthening regional cooperation and integration. Our initiatives in recent years, such as the launch of South Asia Satellite, extension of India's National Knowledge Network to South Asian countries and ever continued support to the South Asian University and the SAARC Disaster Management Centre (Interim Unit) are geared towards promoting people-to-people contacts and connectivity in the region.” Dr. Sharma also updated the audience about the construction of the permanent campus of the University which was going on at a brisk



pace in Maidan Garhi, New Delhi. The first phase of construction was expected to be completed by 2019. A panel discussion on the topic "Mathematics Spans in All Directions" was organised as part of the event. BK Dass, former Professor of Mathematics at University of Delhi; Sat Gupta, Professor of Mathematics and Statistics at University of North Carolina, Greensboro; Shankar Kumar, Department of History, Hindu College, University of Delhi; Haneet Gandhi, Department of Education, University of Delhi; Chandrima Majumdar, sarod player and theoretical expert in Indian classical music; and Akul Tripathi, Content Head of Epic Channel, participated in the discussion. The panellists spoke on diverse aspects of the topic, including the role of mathematics in everyday life; connections between culture and classical knowledge of mathematics; mathematics in ancient Indian history, music, religion and medicine; mathematics inspiring other branches of science and vice versa; and mathematics in the court of law. Mr. Amjad Hussain Sial, Secretary-General of SAARC, also extended his warmest felicitations to the peoples and Governments of the constituent countries of SAARC on the occasion.

Visit by a Delegation of Senior Education Administrators from Myanmar

A delegation of 20 senior Education Administrators from Myanmar came to the South Asian University on a field visit on 24 April 2018. The delegates were in India for a four week International Programme on Educational Management (IPEM). As a part of the programme, the participants were taken for visits to eminent institutions in the country to observe and study the structure and functioning of bodies concerned with education policy, planning and development

While welcoming them, Dr Kavita Sharma, President SAU, gave a brief introduction of the University, its genesis, vision and future plans. Deans and Chairpersons of SAU Faculties and Departments also made brief presentations on their respective faculties and departments, highlighting their salient features, structures, achievements and intellectual breadth. The film on SAU, 'Knowledge Without Borders', was also screened on this occasion.



The introductions were followed by an hour-long open interaction, during which the President, Vice Presidents and faculty members of SAU answered queries from the visitors on a wide range of subjects, including opportunities for collaboration, capacity building for faculty, administration of SAU, student and faculty exchange programmes, funding of the university, extra-curricular activities and admission of students, especially from countries outside the SAARC region.

SAU Entrance Test

The Entrance Test to induct the ninth batch of South Asian University was held on 15 April 2018 across 24 centres in the SAARC countries. The test was conducted for Masters and PhD programmes in Applied Mathematics, Biotechnology, Computer Science, Economics, Legal Studies, International Relations and Sociology. The university received 7786 applications against the 254 seats on offer. The South Asian University provides a quota of seats for each member nation. As per the agreed system, not more than 50 percent of students can come from India, while Pakistan and Bangladesh have 10 percent each of the total seats and the remaining countries, i.e., Afghanistan, Bhutan, Maldives, Nepal and Sri Lanka have 4 percent each. The number of candidates who applied from

India were 6285, while those from Afghanistan were 971, Bangladesh 249, Nepal 81, Pakistan 48, Bhutan 126, Sri Lanka 24, and one each from the USA, China, Germany, Ghana and Yemen.



SAU Distinguished Lecture Series

SAU Distinguished Lecture Series features noted academicians, leaders and experts, heads of important organisations, ambassadors and eminent personalities from various fields of knowledge. The lecture series was initiated in January 2015, with the first lecture delivered by Paula Richman, William H. Danforth Professor of South

Asian Religions, Oberlin College, Ohio, USA. In the past, many High Commissioners and Ambassadors of South Asian countries to India, including those of Pakistan, Afghanistan, Bangladesh, Bhutan and Nepal have also spoken to the faculty and students of SAU, as part of this series.



Sl.	Speaker	Topic	Date
1	H.E. Mrs. Chitrangane Wagiswara High Commissioner of Sri Lanka to India	Revisiting South Asia: Some Practical Steps Towards Fostering a Shared Regional Consciousness	18.04.2018
2	Ambassador Shyam Saran India's Former Foreign Secretary	The Emergence of Eurasia	03.09.2018*
3	Ambassador Swashpawan Singh Former Permanent Representative of India to the UN in Geneva	The Politics of Multilateralism: The View from Geneva	06.09.2018*
4	Ambassador Shivshankar Menon India's Former National Security Advisor and Foreign Secretary	The International Relations of South Asia	13.09.2018

*Organised in collaboration with Ministry of External Affairs, Govt. of India

Admissions

The process of admission at South Asian University began with the launching of a multimedia campaign and an announcement in major newspapers of all the SAARC countries. 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 could comfortably register and apply online from anywhere in the world. Each application was thoroughly scrutinized to ensure that applicants met the minimum qualification to appear for the entrance test. 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 15 April 2018. One test centre each was set up in Afghanistan (Kabul), Maldives (Male), Nepal (Kathmandu) and Sri Lanka (Colombo) while two centres each were set up in Bangladesh (Dhaka & Chittagong) Bhutan (Thimphu & Kanglung), 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. 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 7786 candidates applied for the programmes on offer. Of these, 5087 appeared in the entrance test. Offers of admission were sent to 489 candidates out of which 246 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 on merit basis, 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 2018-19

Country/ Programmes	MA (Economics)			MA (Int'l Relations)			MA (Sociology)			LLM (Master of Laws)			MSc (Biotechnology)			MSc (Computer Science)			MSc Applied Mathematics			Total		
	2018-19			2018-19			2018-19			2018-19			2018-19			2018-19			2018-19			2018-19		
	Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates		
	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	260	7	6	202	5	4	61	3	2	36	3	3	46	3	3	197	9	8	54	6	5	856	36	31
Bangladesh	20	4	2	46	8	2	21	7	5	55	10	6	16	4	2	25	5	3	14	4	4	197	42	24
Bhutan	22	4	4	26	3	2	17	4	4	0	0	0	20	5	3	13	4	2	26	5	5	124	25	20
Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nepal	10	4	3	11	3	2	1	1	1	8	3	3	12	6	4	7	3	1	0	0	0	49	20	14
Pakistan	2	0	0	3	2	1	4	2	1	10	6	1	7	3	1	7	3	1	0	0	0	33	16	5
Sri Lanka	2	0	0	5	2	1	2	2	1	4	2	0	1	1	1	2	0	0	0	0	0	16	7	3
Total above	316	19	15	293	23	12	106	19	14	113	24	13	102	22	14	251	24	15	94	15	14	1275	146	97
India	1160	66	16	1306	36	15	307	54	15	498	22	15	501	36	15	204	48	15	552	27	16	4528	289	107
Others	1	0	0	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1
Total	1477	85	31	1601	61	28	414	74	29	611	46	28	603	58	29	455	72	30	646	42	30	5807	438	205

Statement showing the number of students who applied, offered admission and who finally joined different Doctoral Level courses during the Academic Year 2018-19

Country/ Programmes	PhD (Economics)			PhD (Int'l Relations)			PhD (Sociology)			PhD (Legal Studies)			PhD (Biotechnology)			PhD (Computer Science)			PhD Applied Mathematics			Total		
	2018-19			2018-19			2018-19			2018-19			2018-19			2018-19			2018-19			2018-19		
	Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates			Number of Candidates		
	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	44	2	2	21	1	1	18	0	0	8	0	0	3	0	0	11	0	0	9	3	2	114	6	5
Bangladesh	15	0	0	6	1	1	4	1	1	10	2	2	8	1	1	4	0	0	5	0	0	52	5	5
Bhutan	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1
Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nepal	6	1	1	8	1	0	3	0	0	2	1	1	6	3	3	6	2	2	1	0	0	32	8	7
Pakistan	2	0	0	2	1	0	1	0	0	4	0	0	2	0	0	2	0	0	1	1	0	14	2	0
Sri Lanka	1	0	0	2	0	0	1	1	1	2	0	0	1	0	0	1	1	0	0	0	0	8	2	1
Total above	68	3	3	40	4	2	28	3	3	26	3	3	24	4	4	24	3	2	16	4	2	222	24	19
India	154	4	3	260	3	3	197	4	3	117	3	3	539	6	4	121	3	3	369	4	3	1757	27	22
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	222	7	6	300	7	5	225	7	6	143	6	6	559	10	8	145	6	5	385	8	5	1979	51	41

Comparison of Admitted Students Year Wise - 2017 and 2018

Country	All Masters Admissions	
	Admitted in 2017	Admitted in 2018
Afghanistan	32	31
Bangladesh	24	24
Bhutan	12	20
Maldives	0	0
Nepal	13	14
Pakistan	0	5
Sri Lanka	5	3
Total above	86	97
India	83	107
Others	0	1
Total	169	205

Comparison of Admitted Students Year Wise - 2017 and 2018

Country	All Doctoral Admissions	
	Admitted in 2017	Admitted in 2018
Afghanistan	3	5
Bangladesh	4	5
Bhutan	0	1
Maldives	0	0
Nepal	5	7
Pakistan	0	0
Sri Lanka	1	1
Total above	13	19
India	14	22
Others	0	0
Total	27	41

Scholarships/Freeships

The following Scholarships/Freeships were made available to students admitted to SAU in the Academic Session 2018-19:

President's Scholarships (For MA/MSc and LLM students only): Two scholarships are offered for each academic programme: 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. In case the topper in the non-Indian category is from a SJS-eligible country, the person initially may be awarded the Silver Jubilee Scholarship (SJS) awarded to students of Afghanistan, Bangladesh, Bhutan and Nepal. Upon joining, s(h)e may be given the option of opting of the President's scholarship or continuing with the SJS. The reason for this is that since SJS scholarships are awarded for two years while President's scholarship is awarded for one year and can be continued in the second year only if the candidate maintained his/her top position in the class, with a

minimum CGPA of 5.0 (Science stream) and 4.5 (Non-science stream) is awarded.

The President's 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.

SAARC India Silver Jubilee Scholarships for Master's and PhD Programmes: SAARC-India Silver Jubilee Scholarships (SJS), instituted by the Ministry of External Affairs (MEA) 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. MEA has made available 75 SJS scholarships for Masters level students to SAU. The MEA has laid down detailed



criteria regarding the award of these scholarships. SJS are awarded based on merit. Also, 50% of SJS are reserved for female candidates. In case, there are not sufficient numbers of female students, then these scholarships may be awarded to male students. SJS are given for two years and thus, no fresh SJS are awarded in the second year of a Master's programme. However, an SJS can be discontinued after the end of the first year if a student fails to maintain the requisite CGPA.

Award of SJS to First Year Masters students:

Approximately 35 scholarships (five scholarships per program) are awarded. In each programme, one scholarship is awarded to the entrance exam topper from each of the eligible countries with two-three scholarships awarded to female candidates. If there are not sufficient number of country representations, then the next scholarship is given to the next rank holder, irrespective of which of the eligible countries s(h)e belongs to. The scholarships are extended in the second year provided the awardees secure a minimum CGPA of 5.0 in the Science stream (Biotechnology, Computer Science and Maths) and 4.5 in the Non-science stream (Economics, Sociology, International Relations and Law). If the concerned awardee fails to secure the minimum CGPA, the SJS is discontinued and the student can apply for SAU Freeship. However, award of SAU Freeships is contingent upon satisfying its requirements.

The SJS 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 INR 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.

SAU Merit Scholarships (For MA/MSc and LLM students only):

Two SAU Merit scholarships are available in each academic programme and shall be awarded as per the following criteria:

Indians: From the merit list, the top two students are awarded SAU merit scholarships excluding the President's Scholarship holder.

Non-Indians: The top two students from the merit list,

who join the University excluding the President's Scholarship holders and SJS holders are awarded the SAU Merti Scholarships.

These scholarships are not automatically renewed in the second year. Continuation of these scholarships depends on the concerned awardees maintaining their respective positions in the class rankings at the end of the first year. For example, in the Indian category, the SAU Merit scholarship is renewed only if the awardees maintain their respective second and third positions in the class in the Indian category. Same principle applies to students in the Non-Indian category. In case, an awardee is not able to maintain the respective rank, then the scholarship is awarded to whom ever occupies the top two positions in the respective categories as per the principle mentioned above. Students whose SAU Merit scholarship is discontinued in the second year for the reason mentioned above may apply for SAU Freeships. However, award of SAU Freeships is contingent upon satisfying its requirements.

SAU Merit scholarship comprises: Tuition fee waiver + Hostel fee waiver (if applicable) + INR 5,000 per month as living allowance.

SAU Freeships (For MA/MSc and LLM students only):

As per SAU mandate, no student is 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) and providing a monthly stipend of INR 3000. No additional support shall be provided. Those students whose annual family income does not exceed USD 6600 are eligible for SAU freeships. The Scholarship Award Committee accepts applications from such students after they join the University, supported by the documents to substantiate the claim of income not exceeding USD 6600.

SAU Tuition Fee Waiver for PhD Students: All PhD students receive tuition fee waivers.

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 all 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 2018 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/ICMR etc. 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.

Annual Worth of Scholarships/Freeships Awarded for the year under report

President's Scholarship to Master's programmes:

INR 1,59,000 (Non-Indian students);

INR 1,54,000 (Indian Students)

SAARC Silver Jubilee Scholarship

Master's programmes: INR 1,59,000

Doctoral programmes: INR 3,75,000

SAU Merit Scholarship: INR 1,25,000

Doctoral Students Full Tuition fee waiver and Living allowance: INR 3,57,300

SAU Freeships with stipend: INR 1,01,000

SAU Freeship without stipend: INR 65,000

SAU Gold Medal

The University awarded Gold Medals along with Merit Certificates to programme toppers of the

academic batch 2016 - 2018. Listed below are the Gold Medalists.

Name of Student	Programme
Anuvrat Sircar	M.Sc. Biotechnology
Niroshika Sajeewani Liyana Muhandiram	LLM
Anurag Anil	M.A. International Relations
Rinni Sharma	M.A. Development Economics
Ahana Chakrabarti	M.A. Sociology
Sakshi Malhotra	M.Sc. Applied Mathematics
Main Uddin	M.Sc. Computer Science



CULTURAL ACTIVITIES

International Mother Language Day



The Cultural Committee of the University, as in previous years, very enthusiastically organized the International Mother Language Day on 21 February 2018, and highlighted the linguistic and cultural richness of the region of South Asia. SAU students representing various countries presented cultural items ranging from music poetry, dance and attires.

Euphoria 2018

The SAU Hostel Fest during the year under report was a five day cultural extravaganza. Titled ***Euphoria 2018***, the fest

was organised by the Hostel Committee beginning 14 February 2018. The fest saw many cultural activities including song and dance competitions, a karaoke night, poetry recitations, movie screening, open mic, fashion show and band performance, among others.

Sports Tournaments

During the Hostel Festival, students participated in various sporting events including Football, Cricket, Marathon, Badminton, Table Tennis, Carrom and Chess. A few faculty members also participated in some of the matches.



Student Facilities & Services

Hostel and Sports Facilities

South Asian University provides hostel accommodation to its students on a sharing basis. Students from outside of India and Delhi NCR are given preference. The hostels are located inside Akbar Bhawan across four floors and are currently housing 117 girls and 294 boys. There are separate hostels for boys and girls. An entire floor is dedicated to accommodating MPhil/PhD students.

Health Care Facilities

The mission of a small health centre like the one in the University as of now is to provide timely diagnostic and first-aid services, and timely referral to the panelled hospital of the University.

Timely recognition of critical health problems and referral to the hospitals have saved many a life. One patient, a faculty, had to undergo an Angioplasty and timely referral saved his life. One student had to undergo a kidney transplant surgery for Bilateral kidney disease. The health centre played an active role in counselling the patient, talking to the parents, getting all the investigations done and regularly monitoring his parameters thereafter.

Some patients were referred to other institutes for neurological problems and timely treatment given. The health centre also carried out minor procedures as much as the casualty permits, for which the SAU population did not need to go to the hospitals.

A staff from an outsourced lab is recruited to collect blood samples and the reports are delivered the next day. Records of the patients are maintained in all aspects like-out patient records, lab investigations records, emergency

drugs records, minor procedure records, drug stock entry record.

During the year under report, the health centre also handled day care admissions and patients were kept under observation during the health centre timings for any medical issues. Cases like dengue, low blood pressure and dehydration, vertigo etc. were taken care of; IV fluids were administered, emergency medicines were given and regularly monitored. Vaccinations were also administered as required. There were also about 8 day care admissions.

The University has seen an improvement in its students health-wise. There were 4 dengue cases in the year 2018 as compared to 8 cases of the same in 2017. Swine Flu cases were absolutely not seen though the general Delhi population had quite a number of cases. Other illnesses were managed promptly. There were no admissions to the hospital for routine cases. All cases were managed on OPD basis. This was because of the regular mosquito fogging sprays done, regular cleaning inside and outside the building premises. The patient presence during the year under report was 3365 as compared to 2788 the previous year.

The students and staff of SAU were issued circulars regarding ongoing infections and advised to take preventive measures. The Administration of SAU monitored all the ongoing activities of the health centre. Efforts were made to further improve the facilities and spread awareness as new students were admitted on a year to year basis.

Student Activities

Student Societies

To encourage extracurricular activities, ownership of the campus space and facilitate mutually learning communities across Departments and Faculties, the University constituted five societies. Each society particularly looks at foregrounding the South Asian Lens, be it through Music, Art, Dance, Films, Photography or Literature.

The year under report continued to be an exciting year, where students across disciplinary boundaries engaged enthusiastically with each of the ECA Societies listed below:

1. Society for Art, Music and Dance
2. Society for Theatre
3. Society for Film and Photography

4. South Asia Speaks: A Forum for Dialogical Explorations
5. Book Club

Students across departments actively engaged and participated in various events through the year like photowalks, exhibitions, film screenings, book discussions and panel discussions. South Asia Speaks organized interesting talks on broad issues pertaining to the region. The Book Club also organized regular reading sessions across different kinds of literary genres. A photography competition followed by the exhibition of the winners' photographs under the theme **Celebrating Diversity** was also organised by the Society for Film and Photography during the Hostel Fest. Moreover, as part of the SAU Hostel Fest, the Cultural Committee organised a street play festival 'JUMBISH' where theatre societies from various universities and colleges of Delhi participated.





A Conversation on Writing Partition History: Through Fiction and Memories.

The Book Club organized a book discussion on 1 May 2018, where renowned author, fiction writer and partition scholar Dr. Debjani Sengupta discussed her book *The Partition of Bengal: Fragile Borders and New Identities*. The event was chaired by Ratan Kumar Roy, doctoral candidate

in the Department of Sociology, SAU. Dr. Sengupta, who teaches at the Indraprasth College for Women, University of Delhi, has published extensively on the 1947 partition of Bengal. Her most recent study looks at the rich literature that has been spawned through the historical imagination of Bengali-speaking writers in West Bengal and Bangladesh on issues of homelessness, migration and exile. She examines how the partition of Bengal in 1947 has thrown a long shadow over memories and cultural practices. Through a rich trove of literary and other materials, her book lays bare how the Partition has been remembered or how it has been forgotten.

In the conversation with Dr. Sengupta, the students and research scholars of the South Asian University engaged with her to recount their interpersonal narratives and perspectives on writing about history and memory. Dr. Soumita Basu from the Department of International Relations, who serves as the faculty advisor of the Book Club, introduced the author. Mafruz Sultana and Ahana Chakrabarty, MA students of Legal Studies and Sociology respectively at the university, who led the club, delivered the vote of thanks.



Prof. G. K. Chadha Library

The University Library was established to fulfil the academic and research need of the students, faculty 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 am 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 of SAU. Library resources include around 13500 volumes of books, 456 e-books, 6820 e-journals, 11 print journals, 16 e-Database, 30 CD/DVDs, newspapers, magazines, and encyclopaedia.

Services

The library provides a broad range of services that include 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 Database, 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 the EZproxy. All valid library members can avail this service using their library user id and password.

CyberCentre

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

Integrated Search Facility

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

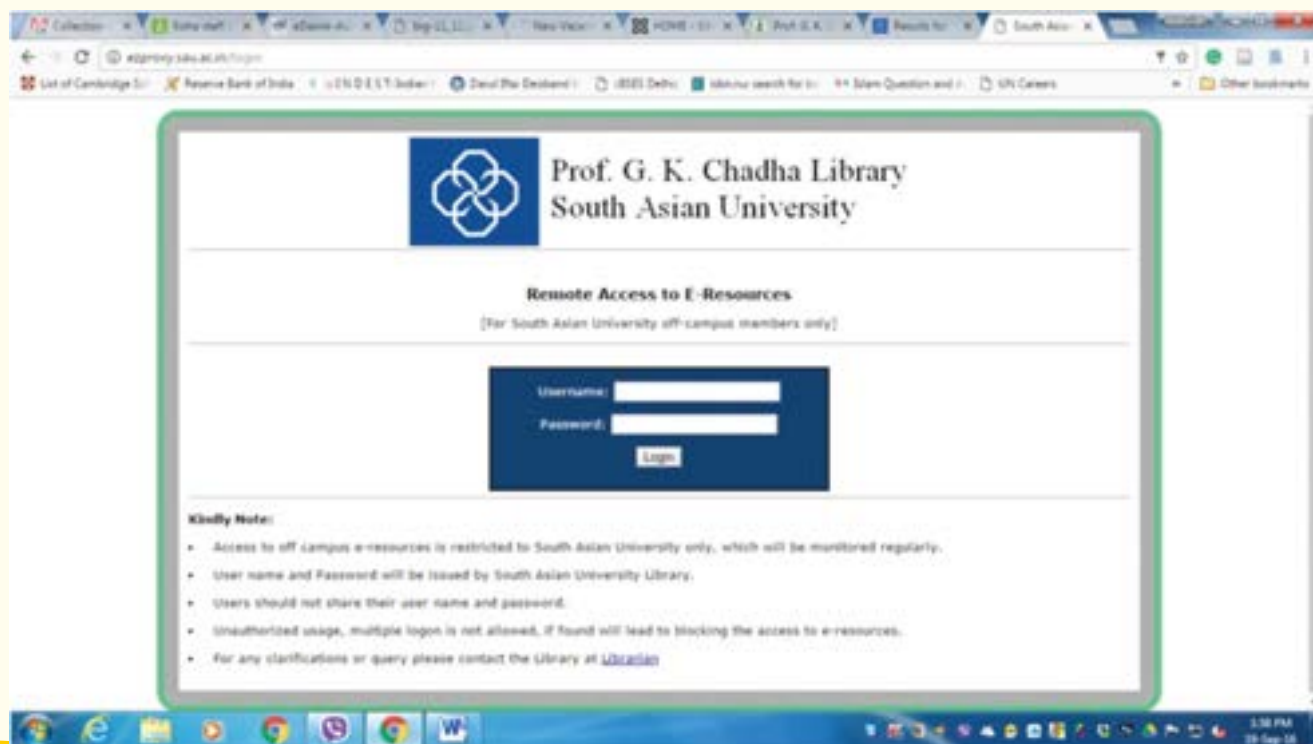
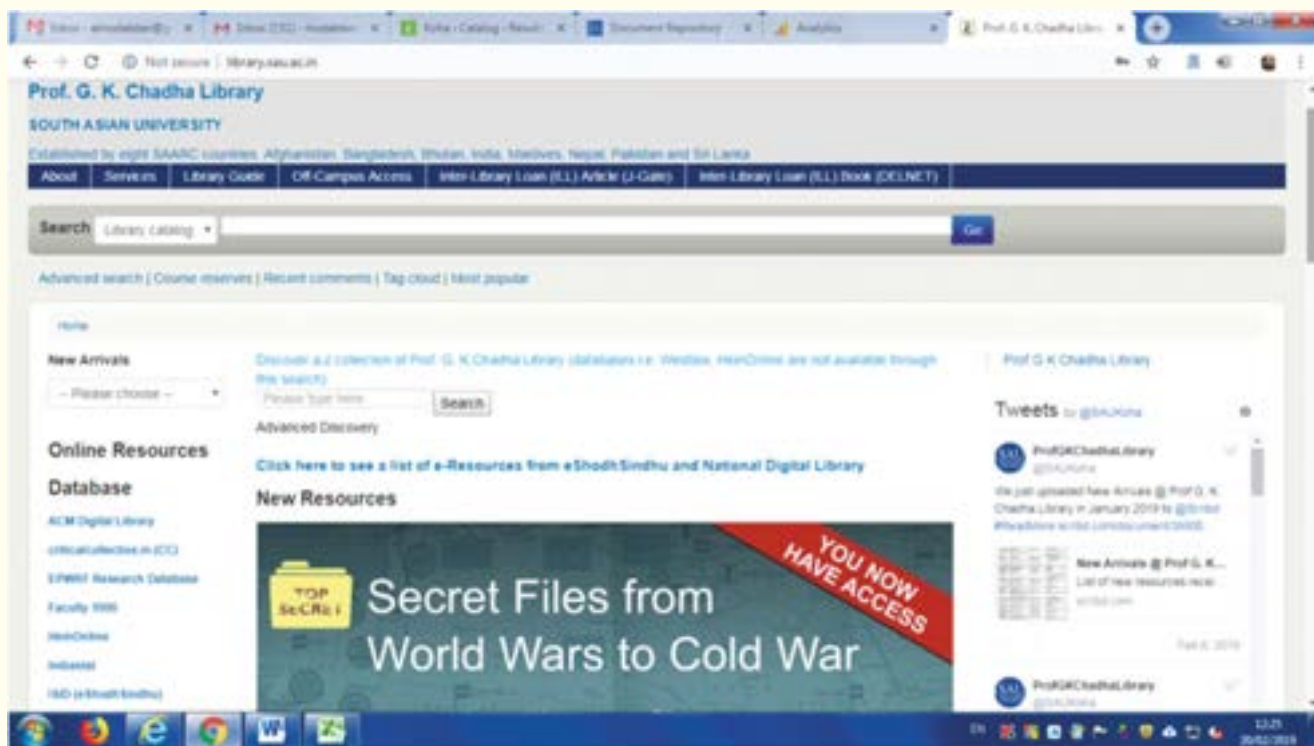


Photo: Screenshot of EZproxy

Photo: Screenshot of Library Home page



Inter-Library Loan

The University Library is a member of DelNet (Developing Library Network). 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 the Integrated Library System Koha (<http://library.sau.ac.in>) that extends its Library 2.0

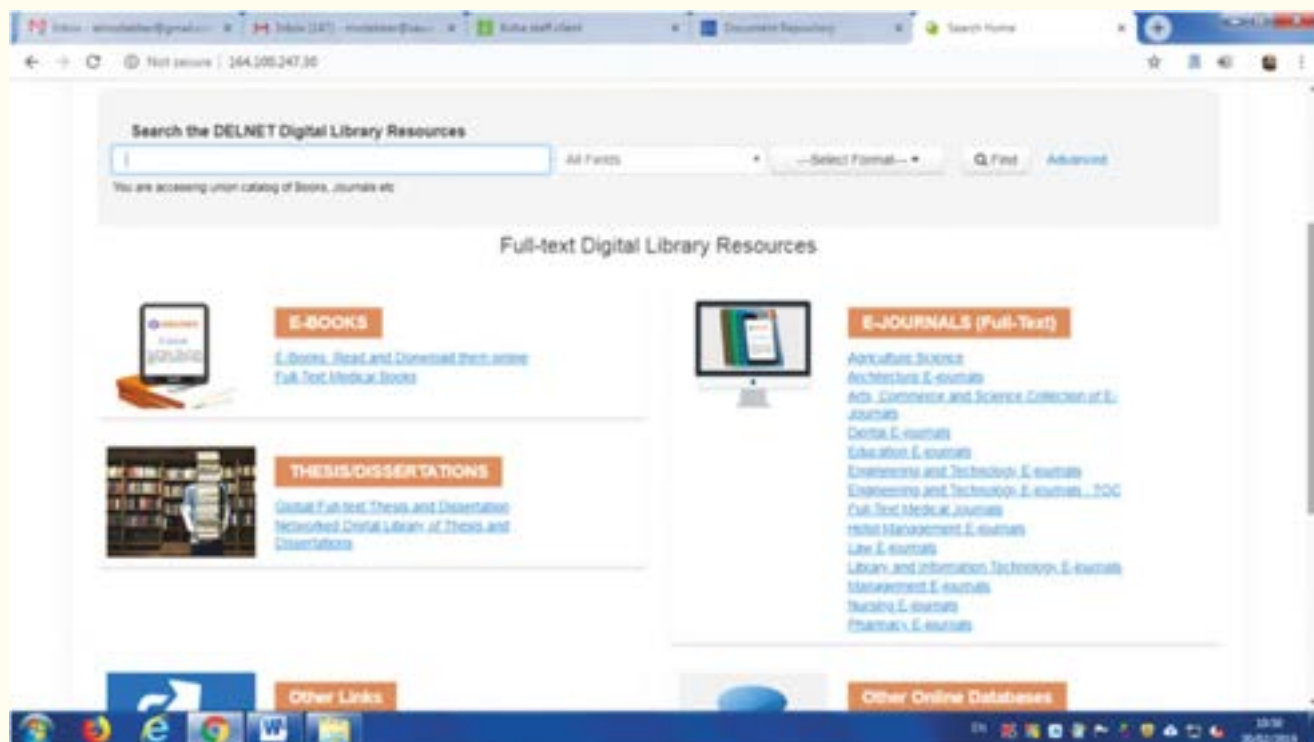


Photo: Screenshot of DELNET website

technology facilities to its patrons. Patrons can search physical holdings, customise their user profile, subscribe 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 search history, view most popular books, check borrower status, link with online social network, etc. using this system.

Events

- A day-long SAGE author workshop “Writing and submitting articles to peer-reviewed journals” was held on 30 January 2018 and was well-attended.
- Library User Orientation 2018 was held on 8 August 2018 at the Mezzanine Hall where new members of the Prof. G. K. Chadha Library learned to (i) manage the Library Account, (ii) search using SUMMON Discovery System, (iii) send Inter-Library Loan request, (iv) document delivery through J-Gate, (v) use Online Resources, (vi) use Off-campus access facility, (vii) use reference manager: Zotero, Mendeley, (viii) F1000WorkSpace, (ix) use English Language Writing Tool: Grammarly.
- A workshop by Cambridge Core User Awareness was organised in cooperation with the Cambridge University Press on 17 September 2018 at the FSI Hall. Participants learnt about Cambridge Core Platform Background, Current Subscription Package of the South Asian

University and how to use the same faceted search functionalities, downloads, USPs, etc.

Summary of 2018

Books purchased: 317 volumes worth approx. INR 9 lakh

Donated books: 92 volumes

Subscription: The University Library spent about INR 3 crores to subscribe to different journals and databases

e-Journals 6800

e-Databases 16

Print Journals 06

e-Resources subscribed worth approx. INR 3 crores.

Library Statistics

Library Site	Total sessions	17,203
	Users	5,049
	Page Views	42,276
	Countries	55

Circulation of Books: 30-35 per weekday

Usage of Books: 48% of total collection

Usage of books inside the library: 200 per day

Accessed by Registered Users: Approx. 60 per day

Accessed by Guest Users: Approx. 400 during the year under report



Permanent Campus Construction

The first brick to construct a permanent campus for the South Asian University was laid on the ground by Ms Sushma Swaraj, the External Affairs Minister, Government of India on 3 June 2015 at Maidan Garhi, where close to a 100 acres plot of land had been provided by the Government of India. India is committed to bearing 100% of the capital cost towards the establishment of the University and accordingly, in the year 2009, US\$ 198

million were approved towards its construction. Till date, about 50% of the allotted amount had been utilized for the construction of the University. The establishment of SAU was one of the most visible signs of the transformation of SAARC from declaration to implementation, Ms Swaraj had said on the occasion of the Ground Breaking Ceremony.

The construction of the boundary wall of the university



was completed in January 2016. The tender for the construction of five buildings, *i.e.* Faculty of Life Sciences and Earth Sciences, 3 blocks of Staff Housing, Faculty Club & Guest House and a Guard House was floated in November 2015 and the construction started in June 2016 with a deadline of 30 months. The construction works continued in full swing during the year under report.

Subsequently, the construction of 7 more buildings, *i.e.* the 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 Centre, and Utility buildings, including the external development of the site and landscaping, was started in January 2017 to be completed within 36 months. The current progress of work at site during the year under report has been more than 36%.

Meanwhile, much effort, in July 2018, the University also received permission from the Supreme Court of India to

construct on another 15.4 acres of land, which was part of the Geomorphological ridge, where ten hostel buildings and the sports complex are planned. More programmes will be introduced once the University shifts to the permanent campus at Maidan Garhi.









Faculty of Economics

Panjshir Valley, Afghanistan

Faculty of Economics

The Faculty of Economics has maintained its academic distinction through advanced research, excellence in teaching and networking with leading academic institutes in the academic year 2017-18.

The research undertaken by faculty and students spanned several themes resulting in several research papers, books and working papers. Some faculty members also carried out funded research projects for various international/national organizations

A rich collection of compulsory as well as optional courses highlighting the diverse research expertise of the faculty were offered last year. The results are reflected in the success of students in obtaining corporate placements and academic appointments alike.

Numerous seminars, conferences and workshop were organised in the year 2018 as part of the mandate of the faculty to make the academic environment more vibrant. Many reputed speakers were invited to speak on contemporary issues relevant to students as well as the research areas of the faculty, in its Seminar Series.

The Faculty of Economics organized the fourth edition of the annual International Conference on South Asian Economic Development on 22-23 February 2018. This year's conference was co-organized with the Indian Resident Mission of the Asian Development Bank, who participated as a knowledge partner.

The Faculty in collaboration with the Department of Statistics and Economics, University of Peradeniya organised the 6th Peradeniya International Economic Research Symposium (PIERS), on 8 - 9 November 2018, at the University of Peradeniya, Sri Lanka. This was part of the Faculty's initiative to continue its collaborations with other institutes and universities in the SAARC region.

An international workshop on Efficiency and Productivity Measurement using Data Envelopment Analysis was organised in technical collaboration with Buckingham Business School, The University of Buckingham, United

Kingdom on 27-29 November 2018. The workshop was a great success with around 60 participants from across the country.

The Faculty organised a function marking the release of the book '*Economic Analysis of Agrarian Institutions: The Case of Tenancy*' authored by Dr. Binoy Goswami on 2 February 2018.

A function was also organised to bid farewell to two colleagues: Prof. Syed Ahsan, who served as Visiting Professor for five years and Dr. Rohin Anhal, who was serving as an Assistant Professor.

Students admitted and country-wise break-up

Name of Programme: MA Economics

Batch: 2018

Afghanistan	5	Maldives	0
Bangladesh	2	Nepal	3
Bhutan	4	Pakistan	0
India	13	Sri Lanka	0

Name of Programme: M.Phil/Ph.D Economics

Batch: 2018

Afghanistan	2	Maldives	0
Bangladesh	0	Nepal	1
Bhutan	0	Pakistan	0
India	3	Sri Lanka	0

Faculty Members:

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Santosh C. Panda	University of Birmingham, U.K., 1984	Professor, 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.
	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, 2010	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 2011	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

Conferences/Workshops Organized:

Fourth International Conference on South Asian Economic Development

The Fourth International Conference on South Asian Economic Development was organized on 22-23 February 2018. There were several participants from across South Asia as well as abroad. Prominent speakers at the conference were Dr. Selim Raihan (Professor, Department of Economics, University of Dhaka), Dr. V Santhakumar (Professor, Azim Premji University, Bangalore), Dr. Shubhashis Gangopadhyay (Research Director, IDF; Professor of Emerging Market Finance, University of Groningen, Netherlands), Dr. Kavita Iyengar (Economist, India Resident Mission, Asian Development Bank), Dr. P K Joshi (Director for South Asia, International Food Policy Research Institute, New Delhi), Dr. Amitabh Kundu (Distinguished Fellow, Research and Information System for Developing Countries), Dr. E Somanathan (Professor, Indian Statistical Institute, New Delhi) and Dr. Sugata Marjit (Reserve Bank of India Professor of Industrial Economics at the Centre for Studies in Social Sciences, Calcutta). Professor Santosh C. Panda was the chair and Dr Binoy Goswami was the organizing secretary of the conference.

6th Peradeniya International Economic Research Symposium (PIERS), Sri Lanka

The Faculty of Economics, South Asian University (SAU), and the Department of Statistics and Economics, University of Peradeniya, jointly organised the 6th Peradeniya International Economic Research Symposium (PIERS), on the theme "Towards Equitable, Inclusive, and Sustainable Development within the Globalised Economy" on 8 - 9 November, 2018, at the Postgraduate Institute of Humanities and Social Science, University of Peradeniya, Sri Lanka. The Faculty of Economic Sciences and Business Administration, Transilvania University of Brasov, Romania, provided collaborative support for the conference. Dr Soumya Datta was the Co-ordinator from SAU, for the conference.

International Workshop on Efficiency and Productivity Measurement using Data Envelopment Analysis

The Faculty of Economics organised an international workshop in technical collaboration with Buckingham Business School, The University of Buckingham, United Kingdom, on 27-29 November 2018.

Dr Sunil Kumar, Associate Professor, Faculty of Economics, along with Dr Charles Vincent, Professor of Management Science & Director of Research, Buckingham Business



Faculty of Economics bids farewell to Prof Syed M Ahsan, Visiting Professor on 16 Dec 2018

School, The University of Buckingham, UK, conducted the workshop. The three-day classroom-based workshop focused on the measurement of efficiency and productivity using data envelopment analysis (DEA). The workshop was attended by more than 50 participants from across India.

Grants and Fellowships conferred on members of the Faculty

Dasgupta, Anirban, Employment Situation in Afghanistan, International Labour Office, 6 months USD 20,000

Editorial/Reviewing and Refereeing Appointments

Ahsan, Syed, Refereed one manuscript for the journal *PLOS One* (2018)

Ahsan, Syed, Refereed one manuscript for the *Oxford Research Encyclopedia of Economics and Finance* (2018)

Ahsan, Syed, Refereed one manuscript for *Asian Anthropology* (2018)

Dasgupta, Anirban: Peer reviewed / refereed manuscript for the journal *Income and Wealth* (2018)

Datta, Soumya: Peer reviewed / refereed manuscript for

the journal *Metroeconomica* (2018)

Goswami, Binoy: Reviewed manuscripts for the journals *Land and Rural Studies* (2 manuscripts), *Asian Journal of Agriculture and Development*, *International Journal of Emerging Markets* (2018)

Appointments to Memberships of National/International Bodies

Saha, Debdatta, Member of ATINER, Greece since July 2018

Publications

Article/Chapter in Book

Saha, Debdatta, "The Role of Networks in Innovation: The Curious Case of Ayurveda Research in India" (co-authored with T.M. Vasuprada) in *Transforming Indian Economy: From Vision to Reality*, New Delhi: Ane Books Pvt. Ltd., edited by Yamini Gupt and Ananya Ghosh Dastidar (November, 2018)

Article/Chapter in Journal

Bhattacharya, Snehashish, and Surbhi Kesar, "Possibilities of Transformation: The Informal Sector in India", *Review of Radical Political Economics*, Volume 50, Issue 4, December 2018, pp. 727-735, ISSN: 0486-6134



Dr Charles Vincent, Professor of Management Science and Director of Research, Buckingham Business School, the University of Buckingham, UK, addressing the participants during the Three day international workshop on the Measurement of Efficiency and Productivity using Data Envelopment Analysis (DEA) held on 27-29 November 2018

Goswami, Binoy and M.P. Bezbaruah, 'Revisiting the Tenancy-Inefficiency Question with an Inter-temporal Optimisation Framework: Insights from the Agrarian Set-up of Assam Plains in Eastern India' *Journal of Social and Economic Development*, Vol. 20, No.2, pp: 256273, ISSN:0972-5792

Giri, Maheshwar and **Binoy Goswami**, 'Determinants of Household's Choice of Fuel for cooking in Developing Countries: Evidence from Nepal' *Journal of Development Policy and Practice*, Vol.3, No.2, pp. 137-154, ISSN: 2455-1333

Goswami, Binoy, 'Development in the North-East' review of the book: Rethinking Economic Development in Northeast India: The Emerging Dynamics, *The Book Review*, Vol. XLII, No. 10, pp. 35-36, ISSN: 0970-4175

Kumar, Sunil and Rachita Gulati (2018) "Did the global financial crisis alter the competitive conditions in the Indian banking industry?" *Applied Economics Letters*, DOI: 10.1080/13504851.2018.1502865.

Nath, Hiranya K and **Binoy Goswami**, 'India's Comparative

Advantages in Services Trade' *Eurasian Economic Review*, Vol.8, No.2, pp.323-342, ISSN:1309-422X

Panda, Santosh C., "Rational Choice with Intransitive Preferences", *Studies in Microeconomics* 6(1-2) 1-18, Sage Publications, 2018.

Saha, Debdatta, 'Identity and Perception of Risk for Entrepreneurs: Lessons from an Industrially Less Developed State in India' *Athens Journal of Business and Economics*, ISSN: 2241-794X, DOI: 10.30958/ajbe, Available online from 13 November 2018

Saha, Debdatta, and Prabal Roy Chowdhury, "Coordination and Information Revelation" *Games*, ISSN: 2073-4336 Volume 9, issue 3, no. 64, 2018

Saha, Debdatta, and Abheek Saha, "Spectrum Allocation in India: The Post 2G Scam Era" *International Research Journal of Telecommunications and Information Technology*, ISSN: 2449-0698 Volume 2, issue 1, pp.23-32, 2018



Professor Santosh C. Panda, Vice President and Dean, Faculty of Economics addressing the audience during the discussion of the book 'Economic Analysis of Agrarian Institutions: The Case of Tenancy' authored by Dr Binoy Goswami. The panelists were Professor M P Bezbaruah, Gauhati University; Dr Arindam Banerjee, Ambedkar University, Delhi

Keynote Addresses and Invited Talks

Ahsan, Syed, 'Human Development & Economic Policy', Invited paper at the Jindal-Harvard Conference on Poverty, Human Rights & Development', O.P. Jindal Global University, Sonapat, Haryana, 21-22 Feb, 2018

Ahsan, Syed, Invited Lead Panelist, session on 'Microfinance of the Truly Marginalized', Sa-Dhan National Conference 2018, Propelling the Growth of the Informal Sector through Microfinance, New Delhi, 19-20 Sept, 2018

Ahsan, Syed, Three Invited Lectures at Chandigarh University (Mohali, Punjab)

Lecture 1: 'Human Development & Public Policy' 28 Sept, 2018

Lecture 2: 'Why International Trade Matters?' 28 Sept, 2018

Lecture 3: 'Towards Greater Economic Integration In South Asia', 01 Oct, 2018

Bhattacharya, Snehashish, Invited participant in panel discussion on "South Asian Economic Development" at 6th Peradeniya International Economics Research Symposium 2018 at Peradeniya University, Sri Lanka, on 8 November 2018

Datta, Soumya, "Regime Shifts in Currency Markets with

Bounded Rationality and Limits to Arbitrage" at "Conference on Economic Theory and Policy", organized by Ambedkar University, Delhi, 10 March, 2018

Panda, Santosh C., Inaugural keynote address at International Conference titled "Developing Countries and Sustainable Development: Reconnecting Past with Present" organized by IQAC, Shyam Lal College, University of Delhi, 5 March, 2018

Panda, Santosh C., Lecture as Guest of Honour at PIERS 2018, University of Peradeniya, Sri Lanka, 8 November, 2018

Panda, Santosh C., Keynote address at international conference on "Urbanization, total factor productivity and large countries' development" organized by Hunan Normal University, Changsha, China, 18 November, 2018

Papers Presented and Lectures Delivered

Anhal, Rohin (Anirban Dasgupta and Apurva Bhatnagar), "The Quality of employment in Afghanistan: A Microeconomic Analysis", Second SANEM - World Bank North America Discussion Forum 2018, 9 September 2018, Washington, USA

Bhattacharya, Snehashish, "Dualism and Possibilities of



Amitabh Kundu (Distinguished Fellow, Research and Information System for Developing Countries), Shubhashis Gangopadhyay (Research Director, IDF), E Somanathan (Professor, Indian Statistical Institute Delhi), P K Joshi (Director for South Asia, International Food Policy Research Institute), Kavita Iyengar, Economist, India Resident Mission, Asian Development Bank at Round Table Discussion on "Vision for South Asia, 2030" during Fourth International Conference on South Asian Economic Development held on 22-23 February 2018

Transition: The Informal Economy in India”, at “Conference on Economic Theory and Policy” organized by Ambedkar University, Delhi, on 9-19 March 2018

Dasgupta, Anirban, Co-ordinator and Resource Person for Winter Course on “Democracy, Development and Conflict” organized by Department of Sociology, South Asian University and Rosa Luxemburg Foundation, on 26 November to 1 December, 2018

Datta, Soumya, Chaired a Panel Discussion on “South Asian Economic Development”, in “6th Peradeniya International Economics Research Symposium”, University of Peradeniya, Sri Lanka, 8 November, 2018

Datta, Soumya, “Regime Shifts in Currency Markets with Bounded Rationality and Limits to Arbitrage” in Special Session on “Regime Change Modelling”, in “12th International Conference on Computational and Financial Econometrics (CFE)”, University of Pisa, Italy, 15 December, 2018

Kumar, Sunil, “Assessing the efficiency of conventional and Islamic banks in Bangladesh using two-stage network data envelopment” at 12th Asia-Pacific Productivity Conference 2018 held at Seoul National University, Korea, 4-6 July, 2018

Kumar, Sunil, “Evaluation of the Dynamic Efficiency of Urban State Transport Undertakings with Accounting for Accidents as an undesirable output” at DEA40: International Conference on Data Envelopment Analysis held at Aston University, UK, 16-18 April, 2018

Kumar, Sunil, “Assessing the Performance of Indian States in the Provisions of Elementary Education: What DISE Data Reveals?” at LEER Conference on Education Economics 2018 held at KU Leuven, Belgium, 28-29 March, 2018

Kumar, Sunil, “Total factor productivity and its sources in the manufacturing sector: A comparative analysis of India and China” Urbanisation, Total Factor Productivity and Large Countries’ Development Conference jointly organised by School of Business and Research Centre of Large Country Economy at Hunan Normal University, Changsha, China, 17 November, 2018

Saha, Debdatta, “Identity and Perception of Risk for Entrepreneurs: Lessons from an Industrially Less Developed State in India” presented at the 13th Annual International Symposium on Economic Theory, Policy and Applications, Athens, Greece, 2-5 July, 2018



Professor Prabhat Patanik (Professor Emeritus, Jawaharlal Nehru University) speaking on 12 September 2018 on the theme “Imperialism, Third World, and Unequal Development: Reflections on the Life and Works of Samir Amin” organized by Development Study Group (DSG), the student chapter of the Faculty of Economics

Saha, Debdatta, “Blended Finance and Developing Countries with “Missing Middle” Industrial Size” presented at the Blended Finance and Industrial Policy Conference, Geneva, Switzerland 8-9 November, 2018

Saha, Debdatta, Panelist at the 25th World Congress of Savings and Retail Banks hosted by the World Savings and Retail Banking Institute, Brussels at Taj Palace, New Delhi for session entitled “Digitisation as a tool for financial inclusion and customer proximity” 15-16 November, 2018

Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	02.02.2018	Book Discussion Program Economic Analysis of Agrarian Institutions: The Case of Tenancy which is authored by Dr Binoy Goswami, Assistant Professor, Faculty of Economics	Professor M P Bezbaruah, Gauhati University; Dr Arindam Banerjee, Associate Professor, Ambedkar University, Delhi
2	16.02. 2018	Does Everyone Have Equal Voting Power	Dr. Debabrata Pal, CESP, SSS, JNU
3	09.03. 2018	Informality in the formal sector: Evidence from Indian manufacturing	Dr Radhicka Kapoor, Senior Fellow, Indian Council for Research on International Economy
4	06.04. 2018	Mind-Sets, beliefs and outcomes	Dr. Amit Thorat, JNU
5	20.04.2018	Effects of information on energy related choices: experimental evidence from rural Uttar Pradesh and Kerala	Dr P.P. Krishnapriya, Indian Statistical Institute Delhi
6	27.04. 2018	Macro-Financial Stability: The prevailing policy regime, its pitfalls, and an alternative policy regime	Dr. Gurbachan Singh, Indian Statistical Institute Delhi
7	24.08.2018	Impact of Weather Shocks on Residential Electricity Demand: Evidence from Delhi	Nishmeet Singh, Energy Policy Institute at the University of Chicago (EPIC-India)
8	31.08.2018	Group Size and Political Representation under Alternate Electoral Systems	Dr Sabyasachi Das, Economics Department, Ashoka University,
9	07.09.2018	Payment system shocks under Goods and Financial Market Segmentation	Dr Parag Waknis, School of Liberal Studies Ambedkar University Delhi (AUD)
10	12.09.2018	Development Study Group Guest lecture Patnaik on Imperialism, Third World, and Unequal Development	Prof. Prabhat Patnaik, Professor Emeritus, JNU
11	14.09.2018	Optimal Taxation in a Federation and GST in India	Dr Partha Chatterjee, Department of Economics, Shiv Nadar University
12	05.10.2018	Whose Education Matters? An Analysis of Inter Caste Marriages in India	Professor Tridip Ray, Indian Statistical Institute, Delhi Centre,
13	12.10.2018	Do Public Private Partnerships Deliver Better Outcomes?	Professor Ram Singh, Delhi School of Economics
14	26.10. 2018	Global value chains and the missing links	Dr Saon Ray, ICRIER, New Delhi
15	02.11. 2018	Heterogeneous Managers and Recruitment Practices: An Agency Model	Dr Samarth Gupta, NCAER, New Delhi
16	16.11. 2018	Conservation Easement Allocations to Address Localized Spillovers in Grassland Conversion: Analysis using remotely-sensing data	Dr Gaurav Arora, Indraprastha Institute of Information Technology Delhi

Students' Achievements

Giri, Maheshwar and Goswami, Binoy, 'Determinants of Household's Choice of Fuel for cooking in Developing Countries: Evidence from Nepal' *Journal of Development Policy and Practice*, Vol.3, No.2, pp. 137-154, ISSN: 2455-1333

Kesar, Surbhi "Economic Transitions, Dualism, and Informality in India: Nature and Patterns of Sectoral Transitions in India", paper presented at the '60th Annual Indian Society of Labour Economics Conference' at IGDR, Mumbai, 19-21 December 2018.

Kesar, Surbhi "The Informal Sector and Economic Transformation in India", paper presented at 'The Economics of Informality' conference 2018 at Universidad del Rosario, Bogota, Colombia, 28-29 May 2018.

Kesar, Surbhi "Possibilities of Transformation: Analysing the Informal Sector in India", paper presented at the 'Spring 2018 UMass Political Economy Workshop' at University of Massachusetts, Amherst, 24 April 2018

Kesar, Surbhi "Dualism and Structural Transformation: Analysing the Informal Manufacturing Sector in India", paper presented at the '44th Annual Eastern Economic Association Meeting 2018', Boston, 1-4 March 2018

Bhattacharya, Snehashish, and **Surbhi Kesar**, "Possibilities of Transformation: The Informal Sector in India", *Review of Radical Political Economics*, Volume 50, Issue 4, December 2018, pp. 727-735, ISSN: 0486-6134

Kohli, Vaishali, "Evolution of Caste and Class Dynamics in India during Economic Growth in the Post-Reform period", at the Sixth Peradeniya International Economics Research Symposium (PIERS)-2018, University of Peradeniya, Sri Lanka held on 8-9 November, 2018

Kohli, Vaishali, "Evolution of Caste and Class Dynamics in India during Economic Growth in the Post-Reform period" at the 60th Annual Conference of The Indian Society of Labour Economics (ISLE) organised by the Indira Gandhi Institute of Development Research (IGDR) on 19-21 December, 2018.

Mehra, Sahil, "Understanding Agriculture-Industry Inter-Linkages for Agrarian Development: Empirical Evidence from India", paper presented at the Sixth Peradeniya International Economics Research Symposium (PIERS-

2018), University of Peradeniya, Sri Lanka held on 8-9th November 2018

Shrestha, Ram Narayan, "Migrant Husbands and Left-behind wives: Effect of spousal separation on subjective well-being of young Nepali women" at "World Social Science Forum", organized by International Science Council in Fukuoka, Japan during 25-28 September 2018

Shrestha, Ram Narayan, WSSF Student Award in World Social Science Forum held in Fukuoka, Japan, during 25-28 September 2018

Talreja, Chaitanya, Exploring India's economic structure: The case of manufacturing services inter-linkages 9th Input-Output Workshop, University of Bremen, Germany, 15-16 March, 2018: Paper presentation

Talreja, Chaitanya, Exploring India's economic structure: The case of manufacturing services inter-linkages 26th International Input-Output Conference, Juiz De Fora, Brazil, 25-30 June, 2018 & participate in the 8th Edition of the International School of I-O Analysis. An award of travel grant of USD 2500

Talreja, Chaitanya, Post Liberalization structural change in the Indian manufacturing: A disaggregated analysis 60th ISLE conference, IGDR, 18-21 December, 2018: Paper presentation

Thakkar, Jessica, qualified University Grants Commission National Eligibility Test in December 2018

Vasuprada, T.M, Paper entitled "Shedding a Light on Innovation: Traditional Medicine in Sri Lanka" (joint with Rinni Sharma and Debdatta Saha) at the 6th Peradeniya International Economics Research Symposium held at Sri Lanka 8-9 November, 2018

Vasuprada, T.M, "Measuring the quality of innovation: a network approach" at the Asia Pacific Innovation Conference 2018 held at the Delhi School of Economics on 13-14 December, 2018

Vasuprada, T.M, "Rethinking Innovation: The Case of Diabetes Drug Discovery" at the Augustin Cournot Doctoral Days Conference held by the University of Strasbourg, France, on the 23-24 May, 2018

Vasuprada, T.M, "Rethinking Innovation: The Case of Diabetes Drug Discovery" presented at the Research Scholar Workshop (Centenary Celebrations) held by the

Dept. of Economics, Calcutta University on 14-15 February
2018



Organisers and Participants at the 6th Peradeniya International Research Symposium held on 8 - 9 November 2018, Sri Lanka, jointly organized by Faculty of Economics, South Asian University, and University of Peradeniya, Sri Lanka





Faculty of Legal Studies

Keokradong, the highest peak of Bangladesh in Bandarban

Faculty of Legal Studies

FLS organized a workshop on “Research and Advocacy in Action for Refugee Protection”, in collaboration with the UN Refugee Agency, United Nations High Commissioner for Refugees (UNHCR) on 11 September 2018, and a roundtable discussion on “Law and Liberal Democracy: An Interdisciplinary Conversation” in collaboration with the Department of International Relations, on 4 September 2018. Other significant events include: “Legal Issues of Paris Agreement and Developing Nations-Professor” by Dr. Usha Tandon in 22 March 2018; Panel Discussion on “The Politics, Economics and Law of International Trade in the Trump on 17 April 2018; a lecture on “Afghan Legal System with focus on Commercial Law” by Professor Wali Muhammad Nasesh, Professor of Law, Kabul University on 28 August 2018; and a lecture on “The Future of the Multilateral Trading Regime” by Dr. Harsha Vardhana Singh, Former Deputy Director-General of the World Trade Organization on 27 February 2018.

Students admitted and country-wise break-up

Name of Programme: LLM

Batch: 2018

Afghanistan	3	Maldives	0
Bangladesh	6	Nepal	3
Bhutan	0	Pakistan	1
India	15	Sri Lanka	0

Name of Programme: M.Phil./Ph.D.

Batch: 2018

Afghanistan	0	Maldives	0
Bangladesh	2	Nepal	1
Bhutan	0	Pakistan	0
India	3	Sri Lanka	0



Faculty members:

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	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	Panjab University Chandigarh, 2009	Assistant Professor	International Environmental Law, Bio-Ethics, Private International Law
	Nafees Ahmad	Aligarh Muslim University, Aligarh 2006	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 Hyderabad, 2006	Assistant Professor	Legal Theory, Private International Law, International Commercial Arbitration
	Srinivas Burra	Jawaharlal Nehru University New Delhi, 2002	Assistant Professor	International Law, International Human Rights Law, International Criminal Law, International Humanitarian Law
	Prabhash Ranjan	King's College London, 2013	Assistant Professor	International Economic Law, International Investment Law, World Trade Law

Awards/Honours/Special Recognition

Jolly, S., Fulbright-Nehru Academic and Professional Excellence Fellowship 2018-2019

Grants and Fellowships conferred on members of the Faculty

Jolly, S., The Municipal Solid Waste Disposal Management in Delhi: A Socio-Legal Study of Okhla Landfill, Indian Council of Social Science Research (ICSSR), January 2018-January 2019, INR 2 Lakhs

Pratap, Ravindra, Partial travel funding, European Society of International Law, September 2018

Editorial/Reviewing and Refereeing Appointments

Ahmad, Nafees, Expert, *Global Practices in Continuing Legal Education: Emerging Platforms for Professional*

Development of Advocates (2018) Major Project on Judicial Reforms, Ministry of Law and Justice, Government of India, New Delhi

Ahmad, Nafees, Reviewer, Asian Journal of International Law, Cambridge University Press

Ahmad, Nafees, External Examiner, Ph.D. and M.Phil. Theses, Jamia Millia Islamia, New Delhi

Ahmad, Nafees, External Examiner, LL.M. Dissertations, NALSAR, Hyderabad-India

Burra, Srinivas, External Examiner, Ph.D. and M.Phil. theses, Jawaharlal Nehru University, New Delhi

Burra, Srinivas, External Examiner, Masters Dissertations, National University of Juridical Sciences (NUJS), Kolkata

Burra, Srinivas, External Examiner to conduct the Viva-Voce end term examinations of students of B.A. LL.B

course, by the National Law Institute University, Bhopal, 24-25 September 2018

Jolly, S., Advisory Board, Bangladeshi Journal of Socio Legal Studies, http://www.bjsls.org/index.php?r=site/page&view=advisory_board

Jolly, S., Assistant Editor, Indian Journal of Human Rights, West Bengal

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

Jolly, S., Peer Reviewer: Springer, Edwin Elgar, and Oxford Press

Pratap, Ravindra, External Examiner, Ph.D Thesis by Sarulakshmi, R, Jawaharlal Nehru University, New Delhi, 2018.

Pratap, Ravindra, External Examiner, MPhil dissertation by Chandan Paswan, Jawaharlal Nehru University, New Delhi, 2018

Pratap, Ravindra, External Examiner, LLM dissertation by Numan Khan Azam, University of Delhi, 2018

Appointments to Memberships of National/International Bodies

Burra, Srinivas, elected as a Member of the Executive Council of the Indian Society of International Law (ISIL) for the term 2018-2021

Publications

Books (single author)

Garimella, Sai Ramani, *Private International Law*, Central Law Agency, Allahabad, India ISBN 9789382676447 (Revised Edition, 2017)

Books (multiple authors)

Jolly, S., Nafees Ahmad, (2018) *Climate Refugees in South Asia Protection Under International Legal Standards and State Practices in South Asia*, Singapore, Springer, 978-981-13-3137

Edited Volume

Burra, Srinivas and Rajesh Babu, R., (eds.), *Locating India in the Contemporary International Legal Order* New Delhi: Springer, ISBN 978-81-322-3578-1

Garimella, Sai Ramani, *China's One Belt One Road Initiative and Private International Law* (Routledge, 2018) (Poomintr Sooksripaisarnkit, co-editor)

Jolly, S., Garimella, S., Special Volume of the International Journal of Legal Studies and Research (IJLSR), the journal at the WB University of Juridical Sciences, India under the theme of " "Role of Civil Society in Governance: A South Asian Case Study" . http://www.ijlsr.in/ijlsr_special_issue_june_2018

Article/Chapter in Book

Ahmad, Nafees, 'Refugee Status Determination Legal Framework and Human Rights: Constructing the Productive Other within the Frontier Justice' *ELCOP Yearbook of Human Rights in Human Rights and Digital Age 2018*, Dhaka-Bangladesh, 207-244

Burra, Srinivas and Rajesh Babu, R., 'Introduction', in Srinivas Burra and R. Rajesh Babu (eds), *Locating India in the Contemporary International Legal Order* New Delhi: Springer, pp. 1-6, ISBN 978-81-322-3578-1

Burra, Srinivas, and Jamil, Haris, 'A Critic and an Apologist: India's Quest for UN Security Council Permanent Membership' in Srinivas Burra and R. Rajesh Babu (eds), *Locating India in the Contemporary International Legal Order*, New Delhi: Springer, pp 31-50, ISBN 978-81-322-3578-1

Burra, Srinivas, 'Collective Engagement and Selective Endorsement: India's Ambivalent Attitude towards Laws of Armed Conflict', in Srinivas Burra and R. Rajesh Babu (eds), *Locating India in the Contemporary International Legal Order*, New Delhi: Springer, pp 51-65, ISBN 978-81-322-3578-1

Garimella, Sai Ramani, "OBOR and the Syncretic Private International Law Rules in India: Time for accession to harmonised legal regimes" in Poomintr Sooksripaisarnkit & Sai Ramani Garimella (eds) *China's One Belt One Road Initiative and Private International Law* (Routledge, 2018)

Jolly, S., Makuch, Z., (2018) "Substantive Innovations Propounded by Indian Judiciary in Balancing Protection of Environment and Development" *A Legal Analysis in Courts and the Environment*, Christina Voigt and, (eds), London, Edward Elgar, pp 142-168, ISBN 9781788114660

Jolly, S., (2018) "Role of Judiciary in Bio Diversity

Enforcement and Compliance: Comparison between International Court of Justice and Indian Judiciary”, *Biodiversity and Sustainable Development*, Usha Tandon (ed) (Routledge, London), pp 231-255, ISBN 978 1138288195

Ranjan, Prabhash, 'India and Bilateral Investment Treaties: From Rejection to Embrace to Hesitance?' in R Babu and S Burra (Eds) *“Locating India” in the Contemporary International Legal Order* (Springer: 2018), 101-126

Ranjan, Prabhash, and Anand Pushkar, 'Investor State Dispute Settlement in the 2016 Indian Model Bilateral Investment Treaty: Does it Go Too Far?' in Luke Nottage et al (Eds) *International Investment Treaties and Arbitration Across Asia* (Brill: Leiden: 2018), 579-611

Article/Chapter in Journal

Ahmad, Nafees, 'The Role of Civil Society Institutions in Environmental Governance in India: Post-Colonial Context and Human Rights Challenges in the Environmental Justice' *NUJS International Journal of Legal Studies and Research*, Spl-June/e-IJLSR (2018), 16-39, ISSN 2278 4764

Burra, Srinivas, 'Textual Stagnation and Contextual Adaptation: A Trajectory of the Definition of the Crime of Genocide in International Law' in *Human Rights Law Journal*, vol. 1, 2017, pp81-103

Burra, Srinivas, 'Justice for Syria' (Editorial Comment) in *Economic and Political Weekly* Vol. 53, Issue No. 15, 14 April, 2018, pp 8-9

Garimella, Sai Ramani, Arbitration Reforms in India The Case for Third Party Funding of Arbitral Claims (2018) 15(2) *TDM* 1

Garimella, Sai Ramani, International Parental Child Abduction and India Attempting Engagement with the Hague Convention, (2018) 19(1) *Australian Journal of Asian Law* 1-20 (co-author: Stellina Jolly)

Garimella, Sai Ramani, Jurisdiction under the Hague Convention on Choice of Court Agreements: A Critique (2017) 57(3) *Indian Journal of International Law* 310-335 (co-author: Poomintr Sooksripaisarnkit)

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

Jolly, S., Singh, S., (2018) “ Role of Civil Society in Sustainable Ground Water Management: A Legal Analysis From India ” *International Journal of Legal Studies and Research* (IJLSR Spl-June/e-IJLSR (2018)pp 42-68, ISSN 2278 4764

Jolly, S., Garimella, S., (2018) “International Parental Child Abduction and India Attempting Engagement with the Hague Convention” *Australian Journal of Asian Law Vol. 19, No. 1, 2018*, pp1-20, ISSN 1839-4191

Jolly, S., Vohra, R., (2018) “Recognition of Foreign Same Sex Marriage in India: A Legal Exploratory Analysis” *Journal of Indian Law Institute*, 59(3) pp302-323. ISSN 00195731

Pratap, Ravindra, 'Building Peace over Water in South



Asia: The Watercourses Convention and SAARC' *Athens Journal of Law*, Vol 4 (2018) 7-25

Pratap, Ravindra, "Provisional Measures and Jadhav Case" (2017) 5 Groningen Journal of International Law, Vol 5 (2017) 290-309

Ranjan, Prabhash, and Pushkar Anand, 'How 'Healthy' are Investment Treaties of South Asian Countries: An Empirical Study of Public Health Provisions in South Asian Countries' BITs and FTA Investment Chapters' 33 (2) ICSID Review *Foreign Investment Law Journal* (2018) (Oxford University Press), 406-432

Ranjan, Prabhash, 'ISDS Transparency Provisions in the Indian BIT: A Half-Hearted Attempt?' 15 *Transnational Dispute Management* (2018)

Keynote Addresses and Invited Talks

Burra, Srinivas, External Faculty, to deliver 'special lectures to Ph.D. scholars of 2018 batch during their course work' National Law University, Delhi, September-October 2018

Burra, Srinivas, Keynote address on "Individual Criminal Responsibility for the Crime of Aggression" at the national conference on International Humanitarian Law, organized by the Chanderprabhu Jain College of Higher Education and School of Law, Narela, Delhi, 17 March 2018

Garimella, Sai Ramani, Invited Speaker, BRICS forum on *Commercial Private International Law in India and South Africa - A shared future in BRICS*, University of Johannesburg, 22, November 2018, Johannesburg

Garimella, Sai Ramani, Invited Speaker, workshop on *E Commerce: International and National Perspective*, Indian Society of International Law, November 2018, New Delhi

Garimella, Sai Ramani, Invited Panel Speaker, Critical Legal Education, Seminar on *What Ails Legal Education In India? Reforming Indian Law Schools For The Future*, Jindal Global University, October 2018, Sonapat, India

Garimella, Sai Ramani, National Observer, Workshop on *Recognition and Enforcement of Foreign Judgments in Asia*, Asian Business Law Institute, October 2018, Singapore

Garimella, Sai Ramani, Invited speaker at the *INDIA UK Economic and Regulatory Perspectives Current Trends, Societal Challenges and Post-Brexit Prospects*, Portsmouth

Law School, June, 2018, Portsmouth, UK

Garimella, Sai Ramani, Invited Speaker, *Emerging Vistas of Private International Law the OBOR*, 47th Annual Conference of Indian Society of International Law, May 2018, New Delhi

Garimella, Sai Ramani, Invited Speaker at the International Conference on *60th Anniversary of the New York Convention on Enforcement of Foreign Arbitral Awards: Key Issues and Future Challenges*, Universidad Loyola Andalucia, Seville, April 2018, Seville, Spain

Pratap, Ravindra, Judge, Henry Dunant Moot, Indian Society of International Law, New Delhi, 15 September 2018.

Papers Presented and Lectures Delivered

Ahmad, Nafees, *Impact of Information Technology on Indian Judiciary*, 14 September 2018, Faculty of Law, Jamia Millia Islamia, New Delhi

Ahmad, Nafees, 'Existing Policies on Eliminating Racial Discrimination around the World and India's Stand on Drafting an Anti-Racial Law' *International Conference on Working Towards Addressing Racial Discrimination and Gender Based Violence With Special Emphasis on sexual violence in conflict Areas*, 19-20 Jan. 2018, New Delhi. <http://cafi-online.org/globalconference2018/>

Ahmad, Nafees, *The Rights of Refugees under International Law: Current Issues and Challenges Ahead*" 05 October, 2018, JIMS Engineering Management Technical Campus, School of Law (JEMTEC-GGSIP University,), Greater Noida

Ahmad, Nafees, *Emergence of Transnational Law in a Globalizing World*, 12 October 2018, Faculty of Law, Jamia Millia Islamia, New Delhi

Ahmad, Nafees, Globalization and International Environmental Law, 26 October 2018, Faculty of Law, Jamia Millia Islamia, New Delhi

Burra, Srinivas, 'Workshop on the Academic Network to be established by the Global Compact on Refugees' organised by the United Nations High Commissioner for Refugees (UNHCR), Geneva, Switzerland, 13-14 November 2018

Burra, Srinivas, 'Was Inclusion of Common Article 3 in

Four Geneva Conventions a Historical Anomaly?' at the Asian Society of International Law Regional Conference-2018, Renmin University of China Law School, Beijing, China, 13-14 October 2018

Burra, Srinivas, 'Contextualizing TWAIL towards Global Justice' at the 'Third World Approaches to International Law Conference (TWAIL Conference)', Faculty of Law, National University of Singapore, Singapore, 19-21 July 2018

Burra, Srinivas, 'Looking beyond Legitimacy and Impact on Judicial Decision Making: Placing Diversity in Exclusion and Discrimination' at the "Workshop Series: Identity on the international Bench, workshop2, Geography and Legal Culture" organized by the Pluri Courts, University of Oslo at the Leiden University, The Hague, Netherlands, 17-18 May 2018

Burra, Srinivas, 'Contemporary Issues in International Refugee Protection' at the International Seminar on "Responding to Large Scale Refugee Movements" organized by the Asian African Legal Consultative Organization (AALCO) in collaboration with United Nations High Commissioner for Refugees (UNHCR), New Delhi, 18-19 April 2018

Burra, Srinivas, 'Hybrid Justice: Continuing Relevance and Inherent Limitations' at the Workshop on 'Hybrid

Justice: Internal and External resilience in Post-Conflict Societies' at the London School of Economics and Political Science, London, 4-5 January 2018

Burra, Srinivas, 'On Shifting Sands: India's Refugees and the Way Forward' at the XII NLSIR Symposium on "The Sovereignty-Rights Dichotomy: Exploring Migration, Refuge and Citizenship", organized by the National Law School of India University, Bangalore, 09 December 2018

Burra, Srinivas, *Lectures on "Democracy, Citizenship and Right to Development"* at the Winter School on "Development, Democracy and Conflict" organized by the Department of Sociology, South Asian University and Rosa Luxemburg Stiftung, New Delhi, 28 November 2018

Burra, Srinivas, 'Human Trafficking as a Transnational Crime: A Critical Evaluation of International Legal Framework' at the one-day workshop on 'Transnational Crimes with Special Focus on Human Trafficking' organized by the Maharashtra National Law University Mumbai (MNLU) and International Justice Mission (IJM), Mumbai, 20 March 2018

Burra, Srinivas, two lectures on 'India and International Human Rights' and 'Armed Conflict, Human Rights and the State', at the '13th 3-Week Refresher Course in Human Rights & Social Inclusion (Interdisciplinary)', organized by the Human Resource Development Centre, Jamia Millia Islamia University, New Delhi, 27 August-17 September



2018

Burra, Srinivas, two lectures on "Law of Treaties" at the 17th Summer Course on International Law, organized by the Indian Society of International Law (ISIL), New Delhi, 04 June-15 June, 2018

Burra, Srinivas, lecture on 'International Criminal Law' (on 11 May 2018) at the training programme for Legal Officers of Myanmar, jointly organized by the Indian Law Institute and the Ministry of External Affairs, New Delhi, 7-11 May 2018

Jolly, S., "Evaluating the Community Resilience in Promoting Social Justice in Ground Water Governance: Lessons from India" *IUCN Academy of Environmental Law Colloquium, The Transformation of Environmental Law and Governance: Innovation, Risk and Resilience*, University of Strathclyde Glasgow, Scotland, 2-6, July 2018

Jolly, S., "Revisiting Water Laws in South Asia" *Regional Workshop on Shared Waterscapes of South Asia* South Asian University and IUCN, SAU, Delhi, 5-8 January 2018

Jolly, S., "Disaster Resilience and Judicial Response, International Conference on "Reinforcing Institutional Decision Making in Disaster Preparedness and Mitigation, Special Center for Disaster Research, JNU Delhi, 16-18 February 2018

Pratap, Ravindra, 'Exploring the potential of international law for a peaceful solution of the India-China boundary question' ASIL Regional Conference, Beijing, China, 13-14 October 2018

Pratap, Ravindra, Exploring the possibility of litigation costs in WTO dispute settlement' European Society of International Law, IEL-IG, Manchester, United Kingdom, 12-13 September 2018

Pratap, Ravindra, 'Approaching the Issue of an Asian Perspective on International Law', international conference on Teaching and Researching in International Law, National University of Singapore, 21-22 June 2018

Pratap, Ravindra, 'The Impact of Geography and Legal Culture on Clarification, Interpretation and/or affirmation of the Law by ICJ Judges', International Conference on Geography and Legal Culture on the International Bench, The Hague, the Netherlands, 17-18 May 2018

Pratap, Ravindra, 'Cow vigilantism and India's evolving

rights framework', international Conference on Human Rights and Populism, Masstricht University, the Netherlands, 11-12 January 2018

Pratap, Ravindra, 'Diplomatic and Consular Relations' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 5 December 2018

Pratap, Ravindra, 'Sovereign Immunity' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 03 December 2018

Pratap, Ravindra, 'UN Peace and Security' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 26 November 2018

Pratap, Ravindra, 'TRIPS Agreement' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 19 November 2018

Pratap, Ravindra, 'TRIMS' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 16 November 2018

Pratap, Ravindra, 'UN Principles and Purposes' at the Indian Academy of International Law and Diplomacy, New Delhi, 15 November 2018

Pratap, Ravindra, 'Safeguards' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 05 November 2018

Pratap, Ravindra, 'The Principle of Non-discrimination in the WTO' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 02 November 2018

Pratap, Ravindra, 'Recognition of States' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 31 October 2018

Pratap, Ravindra, 'Relation of International Law and Municipal Law' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 29 October 2018

Pratap, Ravindra, 'Sources of International Law' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 03 October 2018

Pratap, Ravindra, 'Codification of International Law' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 01 October 2018

Pratap, Ravindra, 'Vienna Convention on Contracts for the International Sale of Goods' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 26 September 2018

Pratap, Ravindra, 'Asian African Approaches to International Law' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 24 September 2018

Pratap, Ravindra, 'Theories and Basis of International Law' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 19 September 2018

Pratap, Ravindra, 'Peaceful settlement of disputes and the ICJ' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 08 June 2018

Pratap, Ravindra, 'Use of Force and Collective Security' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New

Delhi, 08 June 2018

Pratap, Ravindra, 'International Arbitration' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 02 April 2018

Pratap, Ravindra, 'Peaceful Settlement of Disputes' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 19 March 2018

Pratap, Ravindra, 'War aggression use of force, non-intervention, nuclear weapons' ICSID" at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 12 March 2018

Pratap, Ravindra, 'Law of Treaties' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 5 March 2018

Pratap, Ravindra, 'ICSID' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 23 February 2018

Pratap, Ravindra, 'Investment Treaties' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 21 February 2018

Pratap, Ravindra, 'State Responsibility' at the Indian Academy of International Law and Diplomacy, organized



by the Indian Society of International Law, New Delhi, 19 February 2018

Pratap, Ravindra, 'TRIMS' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 16 February 2018

Pratap, Ravindra, 'State Immunities' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 5 February 2018

Pratap, Ravindra, 'Diplomatic Immunities State' at the Indian Academy of International Law and Diplomacy, organized by the Indian Society of International Law, New Delhi, 29 January 2018

Ranjan, Prabhash, 'India-Pakistan Trade and Article XXIV.11 of GATT', WTO Ministry of Commerce Chair Conference, National Law School of India University, Bangalore, 22 December 2018

Ranjan, Prabhash, 'Internationalization of Investment Treaties in India', Second Workshop on Investment Treaties and National Governance', Centre for International Law, National University of Singapore, Singapore, 22-23 September 2018

Ranjan, Prabhash, 'Ampal American and others v Egypt (2016)', Asia FDI Forum IV, Chinese University of Hong Kong, Hong Kong, 22-23 March 2018

Other Publications

Ahmad, Nafees, 'Unmanned Military Weapons: International Humanitarian Law without Human Terrain' *Modern Diplomacy*, 03 February 2018, <https://moderndiplomacy.eu/2018/02/03/unmanned-military-weapons-international-humanitarian-law-without-human-terrain/>

Ahmad, Nafees, 'Refugee Trepidations: Protection Palisades and How to throw down the Gauntlet' *Modern Diplomacy*, 22 June 2018, <https://moderndiplomacy.eu/2018/06/22/refugee-trepidations-protection-palisades-and-how-to-throw-down-the-gauntlet/>

Ahmad, Nafees, 'US Exit from the UN Human Rights Council: How to Hold the Scales Even' *Modern Diplomacy*, 09 July 2018, <https://moderndiplomacy.eu/2018/07/09/us-exit-from-the-un-human-rights-council-how-to-hold-the-scales-even/>

exit-from-the-un-human-rights-council-how-to-hold-the-scales-even/

Ahmad, Nafees, 'Refugee Enigma: Exploring Solution under Municipal Jurisdictions' *Countercurrents.org* 08 September 2018 <https://countercurrents.org/2018/09/08/refugeeenigma-exploring-solution-under-municipal-jurisdictions/>

Ahmad, Nafees, 'UN Global Compact on Migration: Toward a Resurrection of International Refugee Law' *Modern Diplomacy*, 30 October 2018, <https://moderndiplomacy.eu/2018/10/30/un-global-compact-on-migration-toward-a-resurrection-of-international-refugee-law/>

Ahmad, Nafees, 'Rohingya Refugee Deportation: Locating "Voluntary Repatriation" Between National Security and Political Expediency' *Refugee Research Online*, 20 November 2018, <http://refugeereseearchonline.org/rohingya-refugee-deportation-locating-voluntary-repatriation-between-national-security-and-political-expediency/>

Ahmad, Nafees, 'US Migrant Crisis and the Global Human Rights Protection Standards' *Modern Diplomacy*, 30 November 2018, <https://moderndiplomacy.eu/2018/11/30/us-migrant-crisis-and-the-global-human-rights-protection-standards/>

Ahmad, Nafees, 'Human Trafficking in South Asia: Combating Crimes against Women' *Modern Diplomacy*, 28 December 2018, <https://moderndiplomacy.eu/2018/12/28/human-trafficking-in-south-asia-combating-crimes-against-women/>

Other Activities and Achievements

Ahmad, Nafees, Judged the 17th Edition of Amity National Moot Court Competition, 16-18 March 2018, Amity Law School, New Delhi.

Ahmad Nafees, Judged the 18th Henry Dunant Memorial Moot Court Competition (National Round), 13-16 September 2018, Indian Society of International Law [ISIL] and International Committee of the Red Cross [ICRC], New Delhi

Burra, Srinivas, Judge, finals of '14th Henry Dunant

Memorial Moot Court Competition- South Asia Regional Round-2018' organized by the International Committee of the Red Cross (ICRC) Tehran, Iran, 4-6 December 2018

Burra, Srinivas, Judge, Quarter Final Rounds of the '23rd Stetson International Environmental Moot Court Competition, 2018-19-National Round', Jindal Global Law School, O.P. Jindal Global University, Sonipat, 24 November 2018

Burra, Srinivas, Judge, semi-final round of the '18th Henry Dunant Memorial Moot Court Competition (National Round)', jointly organized by the Indian Society of International Law (ISIL) and International Committee of

the Red Cross, New Delhi, 16 September 2018

Burra, Srinivas, Judge, quarter final round of the 'India National Rounds of the ICC Moot Court Competition-2018' organized by the National Law University, Delhi, 18 March 2018

Burra, Srinivas, Moderated a session on 'Global Overview of Refugee situation' at the International Seminar on "Responding to Large Scale Refugee Movements" organized by the Asian African Legal Consultative Organization (AALCO) in collaboration with United Nations High Commissioner for Refugees (UNHCR), New Delhi, 18-19 April 2018

Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	27.02.2018	Future of the Multilateral Trading Regime	Dr. Harsha Vardhana Singh, former Deputy Director General of the WTO
2	22.03.2018	Legal Issues of Paris Agreement and Developing Nations	Professor (Dr) Usha Tandon, Professor-in-Charge, Campus Law Centre, Delhi
3	28.08.2018	Afghan Legal System with focus on Commercial Law	Professor Wali Muhammad Nasesh, Professor of Law, Kabul University
4	11.09.2018	Workshop on Research and Advocacy in Action for Refugee Protection, in collaboration with the UN Refugee Agency, United Nations High Commissioner for Refugees (UNHCR)	Address by: Ms. Yasuko Shimizu, Chief of Mission, UNHCR India
		Role of academic teaching and research in refugee protection	Mr. Narinder Singh, Former Member, UN International Law Commission & Former Additional Secretary and Legal Advisor, Ministry of External Affairs, Government of India
		Academic teaching and refugee protection	Dr. Priyanca Mathur, Associate Professor, Jain University, Bengaluru Ms. Maya Mirchandani, Senior Fellow, Observer Research Foundation-
		Policy research and refugee protection in India	Dr. Srinivas Burra, Faculty of Legal Studies, South Asian University
		Advocacy in Action for Refugees	Dr. Parivelan K M, Associate Professor, TISS Mumbai
		Universities and action-oriented research for refugee protection	Ms. Pallavi Saxena, Senior Legal Consultant, Migration and Asylum Project
		Role of national civil society organisations in refugee advocacy	





Faculty of Life Sciences & Biotechnology

Taktasang Goemba, Tiger Nest Monastery, Bhutan

Faculty of Life Sciences & Biotechnology

The Faculty of Life Sciences and Biotechnology (FLSB) continued to make progress in 2018 and took several new academic initiatives. The remarkable research efforts of the faculty members are reflected in the large number of publications and presentations at various National and International conferences. Faculty members also generated a large amount of extramural funding to support their research work at SAU.

FLSB inducted 28 new students in the Masters Program in Biotechnology and 8 students in the PhD programme, this year from various SAARC countries. The MSc and PhD courses were updated by adding new courses and revising existing ones. The continuing MSc students were offered several optional courses in the third semester and a new Research Methodology course in which they learned new research techniques. Several students of the 2016 MSc batch of students who passed out this year were recruited

in PhD programmes in good Indian and foreign universities. The first batch of PhD students (2013) submitted their thesis and successfully defended their work in the *viva-voce*. Several of these students are now placed in renowned universities in the USA and other countries for post-doctoral research work.

FLSB continued to organize several conferences and workshops this year. The South Asian Biotechnology Conference, initiated by FLSB in 2015, was organized this year by the University of Colombo in collaboration with SAU. The theme was "Biotechnology: Role in regional development" and the conference was attended by several scientist and students from all SAARC countries and served to strengthen regional collaborations in Biotechnology. It was decided that SABC 2019 would be held in New Delhi.



FLSB conducted 3 workshops at SAU to impart hands-on training to students. An International Workshop on “CRISPR/Cas9 based knockout of target genes in mammalian cells” was convened by Dr. Yubaraj Pokharel followed by another International Hands-on Workshop on “Chromatography Based Protein Purification and Characterization Techniques” in July 2018 by Dr. Rinkoo Devi Gupta and Dr. AKR Gobinath. The third workshop was an International “Hands-on workshop on “Transcript profiling using Real Time PCR” convened by Dr. Ananda Mustafiz and Dr. Ritu Gaur. The workshops attracted a large number of participants and were highly appreciated by all. A one-day symposium on sickle-cell anaemia, titled “A Genetic Approach to Blood Disorders” was conducted in Kathmandu, Nepal, this year. This symposium was a part of a collaborative project by Dr. Ravi Akundi supported by the Institute of South Asian Studies (ISAS), SAU.

An annual science day “BioZest 2018” was organised by Dr. Ravi Akundi, Dr. Rinkoo Gupta and Dr. Yubaraj Pokharel. This is an initiative by FLSB students to celebrate science and creativity. The programme comprised a keynote talk by Padma Shree Ms Anu Aga about her work for under privileged children. Other speakers included Ms. Subhra Priyadarshini, Prof Rajiv Saxena and Dr. Debojyoti Chakraborti. There was a plethora of scientific events and a cultural evening organised by FLSB students.

FLSB continued its effort to reach out to other SAARC countries. In this regard, FLSB hosted a contingent of 36 faculty members and students from Dhakha University in June 2018. An interactive discussion session was organised by Dr. Ananda Mustafiz, Dr. Rinkoo Gupta and Dr. Ravi Akundi highlighting our research facility, course structure, admission procedure, fellowships and library



facilities. An elaborate tour of FLSB laboratories was also organised to showcase the high-end equipments in our research labs.

The MSc third semester students organised a virology poster exhibition 'Viruses in the News'. The event was coordinated by Dr. Ritu Gaur. The students presented latest research work being done world-wide against several hazardous viruses for generation of effective vaccines and antivirals.

As part of its Friday Seminar series, FLSB invited several distinguished speakers to share their research and academic work for the benefit of faculties and students.

Taken together, 2018 has been an excellent year for FLSB in academics and research and we hope to continue to strive to perform better next year.

Students' admitted and country-wise break-up

Name of Programme: M.Sc. Biotechnology

Batch: 2018

Afghanistan	3	Maldives	0
Bangladesh	2	Nepal	4
Bhutan	3	Pakistan	1
India	14	Sri Lanka	1

Name of Programme: M.Phil./Ph.D. Biotechnology

Batch: 2018

Afghanistan	0	Maldives	0
Bangladesh	1	Nepal	3
Bhutan	0	Pakistan	0
India	4	Sri Lanka	0



Details of Faculty Members

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Rajiv K. Saxena	PhD (All India Institute of Medical Sciences, New Delhi, 1977)	Emeritus Professor, FLSB SAU	Immunology, Erythropoiesis, Nanoparticles Interaction with Biology
	Senthil Kumar Venugopal	PhD (All India Institute of Medical Sciences, New Delhi, 2000)	Associate Professor	Biomedical Research, Molecular Mechanisms involved in the Progression of Liver Disease
	Ritu Gaur	PhD (National Institute of Immunology, New Delhi, 2001)	Associate Dean & Associate Professor	Virology: Host-Pathogen Interactions and developing antivirals against HIV-1
	Rinkoo Devi Gupta	PhD (Department of Zoology, Banaras Hindu University, 2005)	Assistant Professor	Protein Science: Protein Engineering, Enzymology and Drug Discovery
	Priti Saxena	PhD (National Institute of Immunology, New Delhi, 2008)	Assistant Professor	Chemical Biology: Proteomics, Metabolomics & Molecular Mechanisms of host pathogen interactions in mycobacterial diseases
	Ananda Mustafiz	PhD (International Center for Genetic Engineering and Biotechnology, New Delhi, 2010)	Assistant Professor	Plant Molecular Biology/Abiotic Stress Tolerance in plants
	Ravi Shankar Akundi	PhD (University of Freiburg Medical School, Freiburg, Germany, 2005)	Assistant Professor	Neurodegeneration and Inflammation in the brain
	Yubaraj Pokharel	PhD (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	Ph.D Biotechnology (Indian Institute of Technology Chennai, 2008)	Assistant Professor	Bioprocess and Biochemical Engineering Bio Energy and Value-added products

Awards/Honours/Special Recognition

Gobinath, AKR:

Best Research Paper Award under the session Biomass and Bio Energy for the research paper entitled 'Simultaneous saccharification and fermentation of agricultural residues for butanol (a superior alternative fuel) production by *Clostridium* sp. BOH3'; An International symposium on biotechnology Biosangam 2018, held at Motilal Nehru National Institute of Technology Allahabad, 9-11 March 2018

Conferences/Seminars Organised

Akundi, RS:

Co-organized one-day symposium on "A Genetic Approach to Blood Disorders" together with Kathmandu Center for Genomics and Research Laboratory and in association with Institute of South Asian Studies (ISAS), South Asian University, at Hotel Woodland, Kathmandu, Nepal, on 15 Sep 2018

Gaur, R:

Chairperson, Scientific session at South Asian Biotechnology conference 2018 from 27-30 March at Colombo, Srilanka

Convener, International Workshop on transcript profiling by Real-Time PCR, November 2018

International Advisory Committee member, South Asian Biotechnology Conference 2018, Colombo, Srilanka.

Organizing Secretary, Indo-US workshop on "Flow Cytometry" at South Asian University from 20-22 February 2018, New Delhi

Grants and Fellowships conferred on members of the Faculty

Akundi, RS 'Investigating the role of exogenous ATP in cancer metastasis', Council of Scientific and Industrial Research, Government of India, 2017-20, INR 2.7 million



Akundi, RS, 'Investigating the role of exogenous ATP in modulating inflammation in the rodent brain', Department of Science and Technology, Government of India, 2017-20, INR 6.3 million

Akundi RS, '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', Institute for South Asian Studies Grant, South Asian University, New Delhi, 2016-18; US\$15,000

Gaur, R, 'Study of Water-Soluble (C₇₀- and C₆₀-)Fullerene-Porphyrin Dyads as Inhibitors of Human Immunodeficiency Virus (HIV): Synthesis, Characterization and anti-HIV activity', Department of Biotechnology, Govt. of India, 2018-2021, INR 3.5 million

Gaur, R, 'Elucidating the mechanism of action of potent and broadly active HIV-1 maturation inhibitors, a novel class of antiretroviral drugs', SERB, Department of Science and Technology, Govt. of India, 2017-2020, INR 5.1 million

Gobinath, AKR, 'Direct fermentation of cellulose and ligninases-pretreated cellulosic biomass by recombinant Clostridium strain for the production of butanol-a superior alternative fuel', Science & Engineering Research Board, Department of Science & Technology, GOI, 2016-2019, INR 5.06 million.

Gobinath, AKR, 'Anaerobic clostridial fermentation for production of butanol (a superior alternative fuel) from domestic and commercial food waste', Startup Research Grant, South Asian University, 2016-2019, US\$ 30,000

Gupta, RD, 'Development of v-type Nerve Agent Hydrolyzing Enzyme from LSRB', Defence Research and Development Organization, GOI, 2017-2020, INR 2.7 million

Gupta, RD, 'Redesigning of Bacterial Endochitinase for Enhanced Antifungal Property', Science Engineering Research Board, GOI, 2018-2021, INR 4.5 million

Saxena, RK, JC Bose National Research Fellowship Award-Travel & research contingency, Department of Science & Technology, 2014-2019, INR 6.3 million.

Saxena, RK, Nano Science Mission project entitled 'Uptake and effects of control and target directed carbon nanoparticles by differentiating and matured subpopulations of leukocytes in resting and activated

states', Department of Science & Technology, 2015-2019, INR 21 million

Venugopal, SK, 'Development of a low-cost diagnostics platform for the identification of viral DNA using CRISPR/Cas13a system', Department of Biotechnology, GOI, 2018-2021, INR 8.4 million

Venugopal, SK, 'Progression of Non-alcoholic fatty liver disease to hepatocellular carcinoma: A role for microRNAs and glucose homeostasis', Department of Science and Technology, GOI, 2016-2019, INR 5 million.

Pokharel, YR, 'Analysis of EGFR mutations in lung cancer patients in Nepalese population', Institute of South Asian Studies, South Asian University, 2016-2019, US\$ 15,000

Editorial/Reviewing and Refereeing Appointments

Akundi, RS: Reviewer for the journal "Environmental Pollution", "Molecular Neurobiology", and "Neural Regeneration Research"

Gaur, R.: Editorial Board Member: *Scientific Reports*
Reviewer: *Retrovirology*, *PloS one*, *Journal of Virology*, *Scientific Reports*

Gupta, RD: Reviewed for *Annals of Plant Sciences*, *International Journal of Environmental Sciences and Technology*, *Sensors & Actuators: B. Chemical*

Mustafiz, A: Reviewer: *Frontiers in Plant Sciences*, *PLoS One*, *Scientific Report*

Saxena, P: Reviewer: *Scientific Reports*
Reviewer: *Journal of Biosciences*

Project Reviewer: U.S. Army Research Office

Venugopal, SK: Editorial Board Member: *BioMed Research International*

Reviewer: Extramural grants for Department of Biotechnology, Govt. of India

Reviewer for Manuscripts: *Scientific Reports*, *PLOS one*, *BMC Cancer*, *Hepatology International*

Pokharel, YR: Chief Editor: *International Journal of Medicine and Biomedical Sciences*

Editor Board Member:

Biochemistry and Pharmacology: Open Access

Life Science: an International Journal

Journal of Microbiology Research Society

Austin Journal of Biotechnology and Bioengineering

International Research Journal of Pharmacology

Appointments to Memberships of National/International Bodies

Akundi, RS: Member, Society for Neuroscience, USA;
Member, International Brain Research Organization, France

Life Member, Indian Academy of Neuroscience, India

Life Member, Society for Neurochemistry India, India

Gaur, R: Member, Society of Biological Chemist, India

Member, Association of Microbiologist, India

Gupta, RD: Life member, Indian Science Congress

Life member, National Academy of Biological Sciences

Life member, Asian Federation of Biotechnology

Life member, International Academy of Physical Sciences, India

Life member, Royal Society of Chemistry

Life member, Biochemical Society

Life member, Advancing Molecular Biosciences

Saxena, P: Life Member, Protein Society of India

Member, Association of Microbiologists, India

Saxena, RK: Fellowship, Indian Science Academy, Bangalore

Fellowship, National Science Academy, Allahabad

Fellowship, Indian National Science Academy, New Delhi

JC Bose National Research Fellowship

Corresponding Editor, J. Biosciences

Venugopal, SK: American Association for the Study of the Liver, United States of America

Pokharel, YR: Member of Korean Society of Toxicology

Ethical Committee member of National Liver Disease Biobank, New Delhi, India

Health and Science Experts and presenter as a guest in All India Radio, Nepali Programme

Member of Finish Cancer association

Member of American Association of Pharmaceutical society

Member of Pharmaceutical Society of Korea

Member of International Society for the Study of Xenobiotics



Publications

Book Chapter:

M Jain, P Nagar, P Goel, AK Singh, S Kumari, **Mustafiz, A.** Second Messengers: Central Regulators in Plant Abiotic Stress Response In: Zargar S., Zargar M. (eds) Abiotic Stress-Mediated Sensing and Signaling in Plants: An Omics Perspective. Springer, Singapore. doi: 10.1007/978-981-10-7479-0_2

J Sudan, D Sharma, **Mustafiz, A.**, S Kumari. Signaling Peptides: Hidden Molecular Messengers of Abiotic Stress Perception and Response in Plants. In: Zargar S., Zargar M. (eds) Abiotic Stress-Mediated Sensing and Signaling in Plants: An Omics Perspective. Springer, Singapore. doi: 10.1007/978-981-10-7479-0_3

Chatterjee S and **Saxena, RK**, Erythrocyte Turnover and Erythropoietic Patterns in Two Different Experimental Mouse Models of Anemia. In "Frontiers in Clinical Drug Research - Hematology; Volume 3", Ed. Atta-ur-Rehman, Bentham Science Publishers (ISBN Print: 978-1-68108-368-1), pp 220-240

Pant K, Misra AK, **Venugopal, SK.** MicroRNAs in the progression of hepatocellular carcinoma. In MicroRNA: Prospectives in Health and Diseases. Ed. Paul J. Publisher: CRC Press. Taylor & Francis Group. 2018; 141-172

Article in Journal

Sharma S, **Akundi, RS.** Mitochondria: A connecting link in the major depressive disorder jigsaw. **Current Neuropharmacology** 16

Timilsina U, Ghimire D, Adhikari LP, Bhattarai A, Mishra N, Rai M, Dubey RC, **Gaur, R.** Maturation inhibitors facilitate virus assembly and release of HIV-1 capsid P224 mutant. **Virology.** June 4;521:44-50

Ghimire D, Rai M, **Gaur, R.** Novel host restriction factors implicated in HIV-1 replication. **Journal of General Virology.** April 99(4):435-446

Rathore AS, Sarker A, **Gupta, RD.** Recent developments toward antibody engineering and affinity maturation. **Protein Pept Lett.,** 2018, 25 (10): 886-896. PMID: 30255742

Chhatwal M, Mittal R, **Gupta, RD,** and Awasthi SK. Sensing Ensembles for Nitroaromatics. **Journal of Materials**

Chemistry C, 2018, 6: 12142 12158. DOI: 10.1039/C8TC03929A

Batra N, Rajendran V, Agarwal D, Wadi I, Ghosh PC, **Gupta, RD** and Nath M. Synthesis and Antimalarial Evaluation of [1, 2,3] Triazole Tethered Sulfonamide Berberine Hybrids. **ChemistrySelect,** 2018, 3 (34): 9790-9793. DOI: 10.1039/C8TC03929A

Chaubey KK, Kumaresan G, **Gupta, RD,** Singh SV, Bhatia AK, Rathore AS, Gupta S, and Singh M. Molecular Diversity and Homology in Six CFPs Genes in the Novel Bio-Type, 'Indian Bison Type' of *Mycobacterium avium* subspecies paratuberculosis of Goat Origin vs other Biotypes. **Mycobacterial Diseases,** 2018, 8(3): 1000267. ISSN: 2161-1068. DOI: 10.4172/2161-1068.1000267

Chaubey KK, Singh SV, Bhatia AK, **Gupta, RD,** Gupta S, Varshney A, Singh M, Singh MK, Hemati Z and Rathore AS. Detection Limits of Recombinant Secretary Proteins versus Semi-purified Protoplasmic Antigens for the Diagnosis of Spontaneous Cases of *Mycobacterium avium* subspecies paratuberculosis Infection in Domestic Ruminants. **Journal of Veterinary Science and Technology,** 2018, 9(4), ISSN: 2157-7579

Rai R, Dutta RK, Singh S, Yadav DK, Kumari S, Singh H, **Gupta, RD,** Pratap R. Synthesis, biological evaluation and molecular docking study of 1-amino-2-arylnaphthalenes against prostate cancer. **Bioorg Med Chem Lett.** 2018, 28(9): 1574-1580. PMID: 29606573

Yadav N, Agarwal D, Kumar S, Dixit AK, **Gupta, RD,** Awasthi SK. In vitro antiplasmodial efficacy of synthetic coumarin-triazole analogs. **Eur J Med Chem.** 2018, 145: 735-745. PMID: 29366931

M Jain, P Nagar, A Sharma, R Batth, S Aggarwal, S Kumari, **Mustafiz, A.** GLYI and D-LDH play key role in methylglyoxal detoxification and abiotic stress tolerance. **Sci.rep.** 8 (1), 5451. doi:10.1038/s41598-018-23806-4

Saxena, P, Joshi Y, Rawat K and Bisht R. Biofilms: architecture, resistance, quorum sensing and control mechanisms. **Indian Journal of Microbiology.** Published online: 21 August 2018

Parvez, A., Giri, S., Bisht, R. & **Saxena, P.** New Insights on Cyclization Specificity of Fungal Type III Polyketide Synthase, PKSIII_{Nc} in *Neurospora crassa*. **Indian Journal of**

Microbiology. doi: 10.1007/s12088-018-0738-9. 27 April 2018

Parvez, A., Giri, S., Giri, G.R., Kumari, M., Bisht, R. & **Saxena, P.** (2018). Novel Type III Polyketide Synthases Biosynthesize Methylated Polyketides in *Mycobacterium marinum*. **Nature Scientific Reports.** doi: 10.1038/s41598-018-24980-1. 25 April 2018

Saxena, RK, Modulation of the immune system by carbon nanoparticles, in Molecular Medicine: **Bench to bedside** (Festschrift in honor of Prof. GP Talwar), SK Gupta and NK Lohiya (Ed), Published by Indian Society for Study of Reproduction and Fertility, New Delhi (ISBN: 978-81-936756-0-1), pp 92-100

Kumari, M, and **Saxena, RK,** Evidence for an immunological role of mouse primary lung epithelial cells. **Journal of Genetics and Cell Biology** 1, 3-6

Babu Mia, Md. and **Saxena, RK,** Phosphatidyl serine externalization in different age groups of mouse erythrocytes in response to agents that induce anemia. **Hematol Transfus Int J.** 6 (4):144149

Venugopal, SK, Jialal I. C-peptide. **StatPearls Publishing.** 2018 Jan-2018 Sep 13

Venugopal, SK, Jialal I. Biochemistry, Low density lipoprotein. **StatPearls Publishing.** 2018 Jan-2018 Apr 23.

Gupta P, **Venugopal, SK.** Augmenter of liver regeneration: A key protein in liver regeneration and pathophysiology. **Hepatol Res.** 2018 Jul;48(8):587-596

Dhole B, Gupta S, **Venugopal, SK,** Kumar A. Triiodothyronine stimulates VEGF expression and secretion via steroids and HIF-1a in murine Leydig cells. **Systems Biol Reprod Med.** 2018;64:191-201

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.** 2018; 67: 1695-1709

Kumari B, Chauhan K, Trivedi, Jaiswal V, Kanwar SS & **Pokharel, YR,** Benzothiazole Based Bioconjugates with Improved Antimicrobial, Anticancer and Antioxidant Potential. **Chemistry Select:** 30 October. 2018

<https://doi.org/10.1002/slct.201801936>

Lone BA, Karna SKL, Ahmad F, Shahi N & **Pokharel, YR.** CRISPR/Cas9 system: A Bacterial Tailor for Genomic Engineering. **Genet Res Int.** Sept.2018: 3797214. doi: 10.1155/2018/3797214

Keynote Addresses and Invited Talks

Akundi, RS, 'Tackling systemic inflammation through purinergic modulation', Symposium on 'A Genetic Approach to Blood Disorders', Kathmandu, Nepal, 15 Sep 2018

Gaur, R, 'Insights into the activity of HIV Maturation Inhibitors' at South Asian Biotechnology Conference at Colombo, Srilanka from 28-30 March 2018

Gupta, RD, 'Anti-apoptotic role of mammalian PON2' at SABC-2018, Colombo, Srilanka, 28-30 March 2018

Mustafiz, A, 'Linking D-LDH to glyoxalase pathway and abiotic stress tolerance', Biodiversity Conservation and Environmental Management at Poddar International College, Mansarovar, Jaipur, 26-27 Feb 2018

Mustafiz, A, 'Zn²⁺ dependent Glyoxalase I plays key role in stress tolerance' at South Asian Biotechnology Conference at Colombo, Sri Lanka, 28-30 March 2018

Mustafiz, A, 'D-LDH: The Missing Link of Glyoxalase Pathway' at Next Gen Crops for Sustainable Agriculture at Chandigarh, India, 19-20 Jul 2018

Mustafiz, A, 'Methylglyoxal detoxification: A key process of abiotic stress tolerance in plants' at 2nd International Conference on Frontiers of Science & Technology, KIET group of Institution, Ghaziabad, India, 21-22 July 2018

Saxena, P, "Delineating Functional Significance of Polyketide Biosynthetic and Modifying Enzymes in Corynebacterineae" at International Conference on Agriculture, Allied and Applied Sciences (ICAAAS-2018), Jawaharlal Nehru University, New Delhi, India, 28-29 April 2018

Venugopal, SK, 'HBV-induced augmenter of liver regeneration inhibits cell death via suppressing reactive oxygen species in hepatic cells', 16th Annual meeting of the Society for free radical research, India, at AIIMS, New Delhi, 18-20 Feb 2018

Venugopal, SK, 'My experience as Ramalingaswami

fellow in India, 10th Annual meeting of Ramalingaswami fellows, New Delhi, 15-17 Feb 2018.

Venugopal, SK, 'Targeting HBV by regulating autophagy in the host cells', Indo-French Meeting, Institute of Liver and Biliary Sciences, New Delhi, 19 Mar 2018

Venugopal, SK, Invited as Expert Member for Two-day workshop on identification of subject-wise resources for teachers, National Institute of Educational planning and Administration, New Delhi, 24-25 May 2018

Pokharel, YR, Invited Talk, 'To study the role of polyglutamine binding protein 1 (PQBP1) in Cancer', 2nd International Conference in bioscience and Biotechnology, Kathmandu University, Kavre, Nepal, 17-20 Feb 2018

Pokharel, YR, Invited Talk, 'Characterization of CSNK2B and PTOV1 in Breast Cancer Cell Proliferation', Department of Chemical Science and Engineering, Kathmandu, 11 Jun 2018

Pokharel, YR, Invited Talk, 'Synthesis and anticancer activity of S-linked artemisinin', 2nd International Conference on Frontiers of Science & Technology, KIET group of Institution, Ghaziabad, India, 21-22 Jul 2018

Pokharel, YR, Invited talk, 'Diaspora entrepreneurs in India: How they can participate in Nepal's Development process', 1st NRN GLOBAL KNOWLEDGE CONVENTION 2018, organised by NRNA, Kathmandu, Nepal, 12-14 Oct 2018

Pokharel, YR, Invited talk, 'Synthesis of novel S-linked dihydroartemisinin derivatives and evaluation of their anticancer activity', 34th Annual Meeting of KSOT/KEMS Suncheon National University, Suncheon, South Korea, 8-9 Nov 2018

Pokharel, YR, Invited talk, 'Deciphering the role of PQBP1 in Cancer', College of Pharmacy, Seoul National University, Seoul, South Korea, 16 Nov 2018

Pokharel, YR, Invited talk, 'Synthesis and anticancer activity of S-linked artemisinins', 33rd Sweet '18: Glycochemistry, Biology and Technology (SGBT 2018), IISER Kolkata, India, 18-21 Dec 2018

Papers Presented and Lectures Delivered

Gaur, R, 'Mechanistic insights into the role of Proteasome

Inhibitors as a novel class of HIV-1 latency reversal agents', University of Leuven; Frontiers of Retrovirology, organized by University of Leuven, Brussels, 11-13 Sep 2018.

Gaur, R, 'Targeting HIV replication', Indian Institute of Sciences, Bangalore, 21 Apr 2018

Gobinath, AKR, 'Direct fermentation of agricultural residues to produce butanol a superior alternative fuel', 4th International South Asian Biotechnology Conference 2017, Colombo-Sri Lanka, 28-30 Mar 2018

Rabindra Kumar Mahato, Aniket Bhattacharyya, and **Gobinath, AKR**, 'Simultaneous saccharification and fermentation of agricultural residues for butanol (a superior alternative fuel) production by *Clostridium* sp. BOH3', Biosangam 2018, An International symposium on biotechnology, MNNIT-Allahabad, 9-11 Mar 2018

Behera SP and **Saxena, RK**, 'Modulation of Cellular Adhesion and Migration by Carbon Nanoparticles', in Immunocon 2018 "Immunotherapy and Advances in Immunology", THSTI, Faridabad, 1-3 Nov 2018

Babu Mia, Md, and **Saxena, RK**, 'Phosphatidyl serine externalization in different age groups of mouse erythrocytes in response to agents that induce anemia', NANOBIOTECK 2018, 3rd Annual Conference of Indian Society of Nanomedicine, AIIMS, New Delhi. 24-27 Oct 2018

Bhardwaj, Deepika, and **Saxena, RK**, 'Exploring the inflammatory potentials of different types of nanoparticles and BCG on lung epithelial and alveolar macrophage cell lines', in Immunocon 2018 "Immunotherapy and Advances in Immunology", THSTI, Faridabad, 1-3 Nov 2018

Venugopal, SK, 'Augmenter of liver regeneration: A key regulator in liver regeneration', South Asian Biotechnology conference, at Colombo, Sri Lanka, 28-30 Mar 2018

Venugopal, SK, 'TGF β induces liver fibrosis via miRNA-181a-mediated down regulation of augmenter of liver regeneration (ALR) in hepatic stellate cells', AASLD's Hepatic fibrosis: New concepts and controversies, Dallas, TX, USA, 14-15 Sep 2018

Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	02.02.2018	Redox-signalling by adrenergic receptors in heart failure	Prof. Shyamal K. Goswami, JNU , New Delhi
2	06.04.2018	Interventions to Produce Sustainable Biofuels	Dr. Syed Shams Yazdani, International Centre for Genetic Engineering and Biotechnology, New Delhi
3	13.04.2018	Signalling in Malaria Parasites	Dr. Pushkar Sharma, National Institute of Immunology , New Delhi
4	20.04.2018	Integrative Genomics for bridging the gap from genotype to phenotype for precision medicine	Dr. Mitali Mukerji, CSIR-Institute of Genomics and Integrative Biology & CSIR-Ayurgenomics Unit, TRISUTRA, New Delhi
5	10.08.2018	Clinical Proteomics as a platform for personalized Medicine	Dr. HariPrasad G, Associate Professor, Department of Biophysics , All India Institute of Medical Sciences, New Delhi
6	24.08.2018	Life in start-up world: Developing new technologies and a science communication platform	Dr.Sarita Ahlawat, Indian Institute of Technology-Delhi, New Delhi
7	07.09.2018	Interfering with Interference: targeting the microRNA	Dr. Souvik Maiti, Scientist E1, Institute of Genomics & Integrative Biology (CSIR), Delhi University.
8	28.09. 2018	Non-invasive tools for the investigation of brain sialoglycoconjugates in vivo	Dr.Srinivasa-Gopalan Sampathkumar, National Institute of Immunology, New Delhi
9	26.10.2018	Role of epigenetics and proteasomal pathway gene(s) in combating virus infection in plants	Dr. Manoj Prasad, National Institute of Plant Genome Research, New Delhi

Students' Achievements

Kishor Pant (SAU/BIO(P)/2013/004), 2013 Batch Ph.D. scholar from Faculty of Life Science and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 7th August 2018 for his thesis entitled 'Study of the role of butyrate, a short-chain fatty acid, in modulating HBV replication and hepatocellular carcinoma' under the supervision of Dr. Senthil Kumar Venugopal and has been declared successful.

Uddhav Timilsina (SAU/BIO(P)/2013/005), 2013 Batch Ph.D. scholar from Faculty of Life Science and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 9th August 2018 for his thesis entitled 'Identification and Development of Novel HIV-1 Maturation Inhibitors and Latency Reversal Agents' under the supervision of Dr. Ritu Gaur and has been declared successful.

Taru Shikha Dutt (SAU/BIO(P)/2013/006), 2013 Batch Ph.D. Scholar from Faculty of Life Science and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 10th September 2018 for her thesis entitled 'Uptake of carbon nanoparticles and activated lymphocytes and its biological effects' under the supervision of Prof. Rajiv K Saxena and has been declared successful.

Keshav Saini (SAU/BIO(P)/2013/009) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 13th November 2018 for his thesis, titled "*Unravelling DNA-protein code of differential interaction of RelA (p65) with human and murine IL-4 kB-motif*", completed under the supervision of Dr. Nirotpal Mrinal / Dr. Ritu Gaur and has been declared successful.

Nawneet Mishra (SAU/BIO(P)/2013/008) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 16th November 2018 for his thesis, titled "*Studies on the role of cellular proteins APOBEC3B and COX7A1 in cancer*", completed under the supervision of Dr. Ritu Gaur and has been declared successful.

Rituraj Batth (SAU/BIO(P)/2013/003) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 26th November

2018 for her thesis, titled "*Characterization of Glyoxalase I and Ascorbate Oxidase gene family members in plant system and their role in abiotic stress tolerance*", completed under the supervision of Dr. Ananda Mustafiz and has been declared successful.

Amreesh Parvez (SAU/BIO(P)/2013/007) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 27th November 2018 for his thesis, titled "*Dissecting the Functional Role of Lipid Metabolizing Enzymes in the Biology of Corynebacterineae*", completed under the supervision of Dr. Priti Saxena and has been declared successful.

Parul Gupta from (SAU/BIO(P)/2014/004) Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 28th November 2018 for her thesis, titled "*Role of Augmenter of Liver Regeneration (ALR) in Liver Regeneration*", completed under the supervision of Dr. Senthil Kumar Venugopal and has been declared successful.

Shibendra Kumar Lal Karna (SAU/BIO(P)/2013/001) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 29th November 2018 for his thesis, titled "*Prostate tumor overexpressed 1((PTOV1), A novel target for PIN1 mediated cancer progression*", completed under the supervision of Dr. Yuba Raj Pokharel and has been declared successful.

Abhishek Singh Rathore (SAU/BIO(P)/2013/002) from Faculty of Life Sciences and Biotechnology appeared in the viva voce examination for Doctor of Philosophy on 3rd December 2018 for his thesis, titled "*Engineering scFv antibody against conserved regions of Dengue virus envelope proteins*", completed under the supervision of Dr. Rinkoo Devi Gupta and has been declared successful.

Sharma S, Singh M, Akundi RS. 'Extracellular ATP contributes towards increased tumor proliferation and metastasis'. 37th Indian Association for Cancer Research (IACR) convention, Kolkata, India, 23-25 Feb 2018.

Shilpa Sharma recipient of the Indian Association for Cancer Research (IACR) 2018 Travel Award.

Dubey RC, Gaur R., (2018), '*miR-150: A promising target for regulating HIV infection*', International Centre for Genetic Engineering and Biotechnology, New Delhi, 4-6 Oct 2018.

Ghimire D, Timilsina U, Srivastava TP. & Gaur R. 'Maturation

inhibitor PF-46396 is active against HIV-1 Clade C'. 2018 NextGen Genomics, Biology, Bioinformatics and Technologies (NGBT) Conference, Fairmont, Jaipur, India, 30 Sept - 2 Oct 2018. **Won GYAN scholarship.**

Timilsina U, **Ghimire D**, Sharma S, Gaur R. 'Insights into the role of Proteasome Inhibitors as HIV-1 latency reversal agents', BioZest 2018, *South Asian University, New Delhi*, 6 Dec 2018.

Ghimire D, Timilsina U, Srivastava TP & Gaur R. 'Insights into the activity of maturation inhibitor PF-46396 on HIV-1 clade C', One day Interactive workshop with Bangladesh students, *South Asian University, New Delhi*, 27 Jun 2018.

Organized a Virology Poster exhibition- "Viruses in the News" by **M.Sc. third semester Virology students**, 15 Oct 2018.

Sarker A, Rathore AS and Gupta RD, 'Single Chain Variable Fragment (scFv) Antibody Engineering Against a Highly Conserved Region of DENV Envelope Protein', Biological Engineering Society Conference (BESCON-2018), IIT Bombay, Mumbai, India, 26-27 Oct 2018.

Sarker A, Rathore AS and Gupta RD 'Pre-clinical development of FuBC peptide vaccine to prevent recurrence of dengue infection', 45th Annual meeting of Indian Immunology Society, Immunocon-2018, THSTI, Faridabad, 1-3 Nov 2018.

Mukherjee S and Gupta RD 'Exploring the Promiscuous Activities of Mammalian PON1' BioZest-2018, FLSB, SAU, New Delhi, 6 Dec 2018.

Khalid FM and Gupta RD "Enhanced Antifungal Activity of Designed Bacterial Endochitinase" BioZest-2018, FLSB, SAU, New Delhi, 6 Dec 2018.

Mahato RK, Bhattacharyya A, and Gobinath A.K.R, 'Simultaneous saccharification and fermentation of agricultural residues for butanol (a superior alternative fuel) production by *Clostridium* sp. BOH3', Biosangam 2018, An International conference on innovation and

translational Dimensions: Food, Health and Biotechnology, held at MNNIT-Allahabad., 9-11 Mar 2018

Mahato RK, 'A highly suitable alpha amylase to support simultaneous saccharification and butanol (a superior liquid fuel) production from food waste by anaerobic clostridial fermentation', 5th International Conference on Development in Renewable Energy Technology, Kathmandu University, Nepal, 29-31 Mar 2018.

Pant K. 'Butyrate reduces hepatitis B virus replication by inhibition of sirtuin-1.' Annual meeting of the Asian Pacific Association for the Study of the Liver (APASL) at New Delhi; 14-18 Mar 2018.

Pant K. 'Elevated serum endotoxins increase inflammation via iNOS and Cox-2 in non-alcoholic fatty liver disease patients'. AASLD's annual liver meeting, at San Francisco, CA, USA, 9-13 Nov 2018.

Gupta P. 'Overexpression of augments liver regeneration modulates cell proliferation in hepatic cells via miRNA-26a and Akt/Cyclin D1 pathway'. AASLD's annual liver meeting, at San Francisco, CA, USA, 9-13 Nov 2018.

Rohilla A, M.Sc. Thesis, 'Deciphering the role of NONO in breast cancer cell proliferation *in vitro*.'

Pandey V, M.Sc. Thesis, 'Deciphering the role of SUPT5H in breast cancer cell proliferation *in vitro*.'

Giri GR, 'Role of type III PKS and modifying enzyme from *M. marinum* in regeneration of biofilm', 4th International South Asian Biotechnology Conference, Colombo, Sri Lanka, 28-30 Mar 2018.

Bisht R, 'Type III PKS derived methylated polyketides favors the growth of mycobacterial species in stationary aggregates', International Conference on Agriculture, Allied and Applied Sciences (ICAAAS-2018), Jawaharlal Nehru University, New Delhi, India, 28-29 Apr 2018.

Any Other

(i) Achievements of faculty members:

Sl. No.	Paper/Grant Title	Author(s)/Awardee	Journal/Granting Agency	Pub. / Award Date
1	Data submission: Crystal structure of type III polyketide synthase from <i>Mycobacterium marinum</i> , PDB ID: 5ZQ9	Pratap, S., Kant, A., Giri, S., Giri, G.R., Saxena, P.*, Krishnan, V.*	Worldwide Protein Data Bank	May 01, 2018
2	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 peptidyl-prolyl cis-trans isomerase gene, partial cds GenBank: MG753462.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	
3	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 putative low molecular weight antigen gene, partial cds GenBank: MG753463.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	May 22, 2018
4	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 ModD (modD) gene, partial cds GenBank: MG753464.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	May 22, 2018
5	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 secreted fibronectin-binding protein C antigen 85-C (fbpC) gene, partial cds GenBank: MG753465.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	May 22, 2018
6	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 serine protease PepAN (pepAN) gene, partial cds GenBank: MG753466.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	May 22, 2018
7	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 serine protease PepAC (pepAC) gene, partial cds GenBank: MG753467.1	Chaubey, K. K., Singh, S.V., Gururaj, K., Gupta, R.D., Rathore, A.S., Kumar, N., Gupta, S., Singh, M. and Bhatia, A.K.	NCBI's Nucleotide Genbank	May 22, 2018
8	Data Submission: <i>Mycobacterium avium</i> subsp. paratuberculosis strain S5 mammalian cell entry protein (mce) gene, partial cds GenBank: MG754208.1	Hemati, Z., Derakhshandeh, A., Haghkhah, M., Singh, S.V., Chaubey, K.K., Gururaj, K., Gupta, S., Singh, M., Gupta, R.D. and Rathore, A.S.	NCBI's Nucleotide Genbank	May 27, 2018

(ii) Patents Applied For

Saxena P., Giri S, Parvez A., Giri G.R. and Bisht R (2018). Methodology for Production of Acylphloroglucinol or Analogues using Microorganisms. Intellectual Property India

Indian Patent Application No. 201811013921 (2018)

Saxena P., Giri S., Parvez A., Giri G.R. and Bisht R. (2018). Methodology for Production of Alkylresorcinol or Analogues using Microorganisms. Intellectual Property India

Indian Patent Application No. 201811013918 (2018)

(iii) Industrial Visit

FLSB regularly organizes industrial visits for MSc Biotechnology students. Such industrial visits help the students to pursue their career in food, pharmaceutical and biotech industries. On 24 February 2018, Semester-II students of MSc Biotech programme visited a Biotech Industry Yakult Danone India Pvt. Ltd at Sonapat, Haryana.



Yakult bioprocess-scientists Mr. Aadish and Ms. Swathi (at right and left end, respectively), with SAU students and FLSB-SAU faculties, Dr. AKR Gobinath and Dr. Ananda Mustafiz, (2nd and 4th from left end) were seen in the picture





Faculty of Mathematics & Computer Science

A Western Ghat Mountain Peak of Munnar, Kerala, India

Department of Computer Science

Faculty of Mathematics and Computer Science

The Department of Computer Science, a vibrant department in the Faculty of Mathematics and Computer Science, 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 the university departments also have a responsibility to bring out 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 2018, including international workshops. 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. Computer Science (Batch: 2018)

Afghanistan	08	Maldives	00
Bangladesh	03	Nepal	01
Bhutan	02	Pakistan	01
India	15	Sri Lanka	00

Name of Programme: PhD Computer Science (Batch: 2018)

Afghanistan	00	Maldives	00
Bangladesh	00	Nepal	02
Bhutan	00	Pakistan	00
India	03	Sri Lanka	00

Details of Faculty Members

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Ranjan Kumar Mohanty	Indian Institute of Delhi, 1990	Professor and Dean	Numerical Methods, Partial Differential Equations, Computational Fluid Dynamics
	Pranab K. Muhuri	Indian Institute of Technology (BHU), 2005	Associate Professor	Computational Intelligence, Specially Fuzzy Systems, Evolutionary Algorithms, Real-Time Systems
	Muhammad Abulaish	Indian Institute of Technology Delhi, 2007	Associate Professor	Data Analytics and Mining, Machine Learning, Social Computing, Sentiment Analysis, Data-Driven Cyber security
	Reshma Rastogi	Indian Institute of Technology Delhi, 2008	Assistant Professor	Machine Learning, Optimization, Optimal Trading Strategies, Image Processing
	Amit Banerjee	National Tsing-Hua University, Taiwan, 2009	Assistant Professor	Distributed Systems, Cloud Computing, Network Security, Internet of Things, Edge Computing
	Bijoy Chand Chatterjee	Tezpur University, Assam, 2014	Assistant Professor	Optical networks, QoS-aware protocols, Optimization, Routing, Distributed resource allocation
	Shachi Sharma	Jawaharlal Nehru University, New Delhi 2007	Assistant Professor	Internet of Things (IoT), Blockchain, Cloud computing, Stochastic modeling and queueing theory, Performance modeling and simulation of communication networks, Context aware computing

Editorial/Reviewing and Refereeing Appointments

Pranab K. Muhuri

Member, Editorial Board, *Applied Soft Computing Journal*, Elsevier Science

Associate Editor, *Engineering Applications of Artificial Intelligence*, Elsevier Science

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

Muhammad Abulaish

Associate Editor, Journal of King Saud University - Computer and Information Sciences, Elsevier.

International Program Committee Member:

IEEE/WIC/ACM International Conference on Web Intelligence (WI), 2018

International Program Committee Member: The 21st ACM International Conference on Information and Knowledge Management (CIKM), 2018

International Program Committee Member: International Conference on Knowledge Discovery and Information Retrieval (KDIR), 2018

International Program Committee Member: International Conference on Data Science, Technology and Applications (DATA), 2018

International Program Committee Member: Asian Conference on Intelligent Information and Database Systems (ACIIDS), 2018

International Program Committee Member: International Conference on Computational Collective Intelligence (ICCCI), 2018

Appointments to Memberships of National/International Bodies

Muhammad Abulaish

Senior Member, Institute of Electrical and Electronics Engineers (IEEE), USA

Senior Member, Association for Computing Machinery (ACM), USA

Senior Member, Computer Society of India (CSI), India

Member, IEEE Computer Society (IEEE-CS), USA

Life Member, Indian Society for Technical Education (ISTE), India

Life Member, Indian Science Congress Association (ISCA), India

Life Member, Institution of Electronics and Telecommunication Engineers (IETE), India

Publications

Edited Volume

Abraham, A., **Muhuri, P.K.**, Muda, A.K., Gandhi, N., "Hybrid Intelligent Systems: 17th International Conference on Hybrid Intelligent Systems (HIS 2017) Held in Delhi, India, 14-16 December 2017", Springer, ISBN-978-3-319-76351-4/978-3-319-76350-7, (2018)

Abraham, A., **Muhuri, P.K.**, A.K., Gandhi, N., "Intelligent Systems Design and Applications: 17th International Conference on Intelligent Systems Design and Applications (ISDA 2017) held in Delhi, India, 14-16 December 2017", Springer (2018)

Articles in Journal

Muhuri, P.K., Gupta, P.K. and Mendel, J.M., 2017. User-Satisfaction-Aware Power Management in Mobile Devices Based on Perceptual Computing. *IEEE Transactions on Fuzzy Systems*, 26(4), pp.2311-2323

Lohani, Q.D., Solanki, R. and **Muhuri, P.K.** 2018. Novel adaptive clustering algorithms based on a probabilistic similarity measure over atanassov intuitionistic fuzzy set. *IEEE Transactions on Fuzzy Systems*, 26(6), pp.3715-3729.

Gupta, P.K. and **Muhuri, P.K.** 2018. A novel approach based on computing with words for monitoring the heart failure patients. *Applied soft computing*, 72, pp.457-473

Muhuri, P.K. Shukla, A.K., Janmajaya, M. and Basu, A., 2018. Applied soft computing: A bibliometric analysis of the publications and citations during (2004-2016). *Applied Soft Computing*, 69, pp.381-392

Lohani, Q.D., Solanki, R. and **Muhuri, P.K.**, 2018. A convergence theorem and an experimental study of intuitionistic fuzzy c-mean algorithm over machine learning dataset. *Applied Soft Computing*, 71, pp.1176-1188

Banshal, S.K., Singh, V.K., Kaderye, G., **Muhuri, P.K.**, and Sánchez, B.P., 2018. An altmetric analysis of scholarly articles from India. *Journal of Intelligent & Fuzzy Systems*, (Preprint), pp.1-8

Janmajaya, M., Shukla, A., Abraham, A. and **Muhuri, P.K.**, 2018. A Scientometric Study of Neurocomputing Publications (1992-2018): An Aerial Overview of Intrinsic Structure. *Publications*, 6(3), p.32

Shukla, A.K., Sharma, R. and **Muhuri, P.K.**, 2018. A review of the scopes and challenges of the modern real-time operating systems. *International Journal of Embedded and Real-Time Communication Systems (IJERTCS)*, 9(1), pp.66-82.

Fazil, M. and **Abulaish, M.**, 2018. A hybrid approach for detecting automated spammers in twitter. *IEEE Transactions on Information Forensics and Security*, 13(11),

pp.2707-2719

Abulaish, M., and Fazil, M., 2018. Modeling Topic Evolution in Twitter: An Embedding-Based Approach. *IEEE Access*, 6, pp.64847-64857

Abulaish, M., and Haldar, N.A.H., 2018. Advances in Digital Forensics Frameworks and Tools: A Comparative Insight and Ranking. *International Journal of Digital Crime and Forensics (IJDCF)*, 10(2), pp.95-119

Rastogi, R., Saigal, P. and Chandra, S., 2018. Angle-based twin parametric-margin support vector machine for pattern classification. *Knowledge-Based Systems*, 139, pp.64-77

Khemchandani, R., Pal, A. and Chandra, S., 2018. Fuzzy least squares twin support vector clustering. *Neural computing and applications*, 29(2), pp.553-563

Rastogi, R., Sharma, S. and Chandra, S., 2018. Robust parametric twin support vector machine for pattern classification. *Neural Processing Letters*, 47(1), pp.293-323

Rastogi, R., Saigal, P. and Chandra, S., 2018. Angle-based twin parametric-margin support vector machine for pattern classification. *Knowledge-Based Systems*, 139, pp.64-77

Rastogi, R., Pal, A., and Chandra, S., 2018, Generalized Pinball Loss SVMs. *Neurocomputing* 322, pp. 151-165

Khemchandani, R., Goyal, K., and Chandra, S., 2018, Generalized eigenvalue proximal support vector regressor for the simultaneous learning of a function and its derivatives. *International Journal of Machine Learning and Cybernetics*, 9(12), pp.2059-2070

Khemchandani, R., Saigal, P., and Chandra, S., 2018, Angle-based twin support vector machine. *Annals of Operations Research*, 269(1-2), pp.387-417

Rastogi, R., Anand, P., and Chandra, S., 2018. Large-margin Distribution Machine-based regression. *Neural Computing and Applications*, pp.1-16

Banerjee, A., Chishti, M.S. and Kumar, S., 2017. Implementing secure smart home using existing infrastructure. *Sistemas & Telemática*, 15(43), pp.9-18.

Keynote Addresses and Invited Talks

Abulaish, M, delivered a Keynote Address on "Data Analytics and Smart Computing" at the 9th National Students' Conference on Information Technology & 4th International Conference on ICT with Smart Computing, Kathmandu, Nepal, 29 Dec. 2018

Abulaish, M, delivered an Invited Talk on "Research Challenges in Network Science" at the Faculty Development Programme on Network Science: Foundation of Social Network Analysis, organized by



Ramanujan College and Department of Computer Science, University of Delhi during 3-8 Dec. 2018

Papers Presented and Lectures Delivered

Reshma, Rastogi chaired a special session on "Evolving and Autonomous Learning Systems" at IEEE Symposium Series on Computational Intelligence (IEEE-SSCI 2018).

Taniya Seth and **Pranab K. Muhuri**, "A Novel Solution Approach for Fuzzy Linear Bilevel Multi-Follower Programming Problems", In Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on, pp. 1-8. IEEE, 2018

Taniya Seth, Prashant K. Gupta, and **Pranab K. Muhuri**. "Hesitant Fuzzy Linguistic Term Sets for Group Decision Making in Supplier Performance Evaluation." In Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on, pp. 1-8. IEEE, 2018

Amit K. Shukla, Sandeep Kumar, **Pranab K. Muhuri**, Q. M. Danish Lohani. "Interval Type-2 Fuzzy weighted Extreme Learning Machine for GDP Prediction using CO2 emissions" In 2018 IEEE International Joint Conference on Neural Networks (IJCNN 2018), pp. 1-7. IEEE, 2018

Sajib K. Biswas, Rishi Jagdev, and **Pranab K. Muhuri**. "Energy Efficient Scheduling in Real-Time Multiprocessor Systems using Archived Multi-objective Simulated Annealing." In *Evolutionary Computation (CEC), 2018 IEEE Congress on*, pp. 1-8, IEEE, 2018

Zubair Ashraf; Mukul Lata Roy, **Pranab K. Muhuri**, Q. M.

Danish Lohani. "A Novel Interval Type-2 Fuzzy Logic Based LSB Image Steganography Method" In *Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on*, pp. 1-8. IEEE, 2018

Amit K. Shukla, Sandeep Kumar, **Pranab K. Muhuri**, Q. M. Danish Lohani. "Interval Type-2 Fuzzy weighted Extreme Learning Machine for GDP Prediction using CO2 emissions" In 2018 IEEE International Joint Conference on Neural Networks (IJCNN 2018), pp. 1-7. IEEE, 2018

Prashant K. Gupta, and **Pranab K. Muhuri**, "Consistency driven approach for student performance evaluation." In Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on, pp. 1-7. IEEE, 2018

Prashant K. Gupta, and **Pranab K. Muhuri**, "2-tuple Based linguistic approach to parallel processor scheduling." In Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on, pp. 1-7. IEEE, 2018

Meenakshi Kaushal, Rinki Solanki, Q.M. Danish Lohani, **Pranab K. Muhuri**, "A Novel-Intuitionistic Fuzzy Set Generator with Application in Clustering, In Fuzzy Systems (FUZZ-IEEE), 2018 IEEE International Conference on, pp. 1-8. IEEE, 2018

Sumit Kumar Banshal, Aparna Basu, Vivek Kumar Singh, and **Pranab K. Muhuri**. "Scientific vs. public attention: a comparison of top cited papers in WoS and top papers by Altmetric Score." In International Workshop on Altmetrics for Research Outputs Measurements and Scholarly



Information Management, pp. 81-95. Springer, Singapore, 2018

Muhammad Abulaish and Ashraf Kamal, "Self-Deprecating Sarcasm Detection: An Amalgamation of Rule-Based and Machine Learning Approach", In Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence (WI), Santiago, Chile, pp. 1-6, 3-6 Dec. 2018

Muhammad Abulaish, Md. Imran Hossain Showrov, and Mohd Fazil, "A Layered Approach for Summarization and Context Learning from Microblogging Data", In Proceedings of the 20th International Conference on Information Integration and Web-based Applications & Services (iiWAS), Yogyakarta, Indonesia, 19-21 Nov. 2018

Md. Aslam Parwez, **Muhammad Abulaish** and Jahiruddin, "Biomedical Text Analytics for Characterizing Climate-Sensitive Disease", In Proceedings of the International Conference on Computational Intelligence and Data Science, Noida, India, Procedia Computer Science, Elsevier, Vol. 132, pp. 1002-1011, 7-8 Apr. 2018

Sharma, S., & **Rastogi, R.** (2018, December). "Stochastic Conjugate Gradient Descent Twin Support Vector Machine for Large Scale Pattern Classification". In Australasian Joint Conference on Artificial Intelligence (pp. 590-602).

Springer

Rastogi, R., Safdari, H., & Sharma, S. (2018, November). "Exploring Data Reduction Techniques for Time Efficient Support Vector Machine Classifiers". In 2018 IEEE Symposium Series on Computational Intelligence (SSCI) (pp. 2053-2059). IEEE

Sharma, S., & **Rastogi, R.** (2018, November). "Maximum Margin Minimum Variance Twin Support Vector Machine". In 2018 IEEE Symposium Series on Computational Intelligence (SSCI) (pp. 2246-2253). IEEE

Anand, P., **Rastogi, R.**, & Bharti, A. (2018, November). "A Pinball loss based Extreme Learning Machine for pattern classification". In 2018 IEEE Symposium Series on Computational Intelligence (SSCI) (pp. 2212-2215). IEEE

Sharma, S., & **Rastogi, R.** (2018, November). "Insensitive Zone based Pinball Loss Twin Support Vector Machine for Pattern Classification". In 2018 IEEE Symposium Series on Computational Intelligence (SSCI) (pp. 2238-2245). IEEE

A. Banerjee, S Pandey and Km. Khushboo, "Voice Intonation Transformation Using Segmental Linear Mapping of Pitch Contours," Proceedings of 4th IEEE International Conference on Computer and Communications (ICCC), 7-10 Dec. 2018, Chengdu, China



A. Banerjee and M Hasan, "Tap Based User Authentication on Smartphones for Visually Impaired People," Proceedings of 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT'2018), 2018. Bengaluru, India

A. Banerjee, M.S. Chishti, A. Rahman, R. Chapagain, "Centralized Framework for Workload Distribution in Fog Computing," Proceedings of International Conference on Convergence of Technologies (I2CT 2018), 2018. Pune, India

A. Banerjee, S Pandey, M.A. Hussainy, "Separability of Human Voices by Clustering Statistical Pitch Parameters," Proceedings of International Conference on Convergence of Technologies (I2CT 2018), 2018. Pune, India

A. Banerjee, F Sufyan, M.S. Nayel, S. Sagar, "Centralized Framework for Controlling Heterogeneous Appliances in a Smart Home Environment," Proceedings of International Conference on Information and Computer Technologies (ICICT), 2018. NIU DeKalb, USA

S. Sharma, "Attribute based Discovery Architecture for Devices in Internet of Things,(IoT)", International Conference on Convergence in Technology (I2CT 2019), 2019, Sponsored by IEEE, Pune India

S. Sharma and I. Bassi, "Efficacy of Tsallis Entropy in

Clustering Categorical Data", IBSSC 2019 to be held in July 2019, IEEE, Bombay, India

Other Activities and Achievements

Pranab K. Muhuri Co-chaired the Special Session on 'Type-2 Fuzzy Sets in Emerging Systems' at 2018 World Congress on Computational Intelligence (WCCI 2018)

Muhammad Abulaish chaired a technical session at the The 20th International Conference on Information Integration and Web-based Applications & Services (iiWAS), Yogyakarta, Indonesia, 19-21 Nov. 2018

Muhammad Abulaish chaired a technical session at the 9th National Students' Conference on Information Technology (NaSCoIT) and 4th International Conference on ICT with Smart Computing, Kathmandu, Nepal, on 29 December 2018



Visit of Scholars to the Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	01.03.2018	Data Engineering and Management	Dr. Tarique Anwar, Department Of Computer Engineering, IIT, Ropar
2	20.03.2018	Readers Writers Information Flow Model (RWFIM): A Novel Model for Building Secure Systems	Prof. R.K. Shyamasundar, Department Of Computer Science & Engineering, IIT, Bombay
3	11.05.2018	Neural & Deep LEARNING	Prof. Ashish Ghosh, Professor & Former Head, Machine Intelligence Unit, Indian Statistical Institute, Kolkata
4	12.10.2018	Majority Spanning Trees and Their Applications	Prof. Mohammad Kaykobad, Bangladesh University of Engineering & Technology, Fellow, Bangladesh Academy of Sciences
5	15.12.2018	Type-2 and Intuitionistic Fuzzy Logic Systems and Applications'	Prof. Oscar Castillo, Professor, Tijuana Institute of Technology, Mexico







Department of Mathematics

An aerial view of an elevated island, Maldives

Department of Mathematics

Faculty of Mathematics & Computer Science

The Department of Mathematics, since its very inception in 2012 in the Faculty of Mathematics and Computer Science, has been excelling in Applied Mathematics and Computing and has been vigorously engaged in research, teaching, and training. Growing steadily, today the department offers an MSc programme in Applied Mathematics and a PhD 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 and Financial Derivatives and Modelling. The Department also offers a course on Mathematics in South Asia for all students of the University.

The Department has its own state of the art Computational Laboratory that ensures a high quality of 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 dedicated eight faculty members who have proved themselves in teaching and research.

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) were awarded

to the members of the faculty. Regular visits of academicians from India and abroad to the Department have resulted in a collaborative research environment.

Initiatives were also taken to organize International conferences not only in India but also in other SAARC regions. Such events have already been organized in Sri Lanka and Bangladesh. International Conferences were held in Nepal and Bangladesh during the year 2018. This ensures active academic upliftment throughout the SAARC region.

Students Admitted and Country-Wise Break-Up

Name of Programme: M.Sc. Applied Mathematics

Batch: 2018







Afghanistan	05	Maldives	00
Bangladesh	04	Nepal	00
Bhutan	05	Pakistan	00
India	16	Sri Lanka	00

Name of Programme: PhD Mathematics

Batch: All

Afghanistan	02	Maldives	00
Bangladesh	03	Nepal	03
Bhutan	00	Pakistan	00
India	26	Sri Lanka	00

Details of Faculty Members

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Ranjan Kumar Mohanty	Indian Institute of Technology Delhi, 1990	Professor and Dean	Numerical Methods, Partial Differential Equations, Computational Fluid Dynamics
	Pankaj Jain	University of Delhi, Delhi 1996	Associate Professor	Function Spaces, Weighted Norm Inequalities, Integral Operators, Fourier Analysis, Numerical Methods.
	Deepa Sinha	University of Delhi, Delhi 2007	Associate Professor (Chairperson)	Graph Theory (Discrete Mathematics), Fluid Dynamics
	Kapil Kumar Sharma	Indian Institute of Technology Kanpur, 2004	Associate Professor	Numerical Analysis, Delay Differential Equations, Singular Perturbation Theory, Finite Element Methods.
	Q.M. Danish Lohani	Aligarh Muslim University Aligarh, 2009	Assistant Professor	Fuzzy Logics, Functional Analysis, Measures of Non-compactness and Matrix Transformations, Statistical Approximations, Stochastic Processes
	Saroj Kumar Sahani	Indian Institute of Technology Roorkee, 2008	Assistant Professor	Mathematical Biology, Non-linear Dynamical System, Bioinformatics
	Navnit Jha	University of Delhi, Delhi 2004	Assistant Professor	Mathematics (Numerical Analysis, Differential Equations, Scientific Computing)
	Jagdish Chand Bansal	Indian Institute of Technology Roorkee, 2009	Assistant Professor	Optimization Techniques, Swarm Intelligence

Awards/Honours/Special Recognition

Mohanty, R.K. Elected Fellow of Indian Academy of Mathematical Modeling and Simulation (FIAMMS)2018

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

Sinha D, Joint Secretary of the Indian Academy of Mathematical Modeling and Simulation(IAMMS)

Bansal, J.C., Appointed Visiting Faculty/Visiting Researcher, at Liverpool Hope University, Liverpool UK from 2018-2021.

Bansal, J.C., Appointed member of committee of experts, IAF Swarm Drone Competition For Mehar Baba Prize 2018-2019.

Grants and Fellowships conferred on members of the Faculty

Mohanty, R K, Research Grant from DST under Mathematical Research Impact Centric Support (MATRICS) for a period of 3-years (July 2018- June 2021).

Mohanty, R K, Financial support from NBHM to participate in the "International Congress of

Mathematicians 2018 (ICM-2018), Rio de Janeiro, Brazil during 1-9 August 2018.

Jain, P., Research Grant from DST under Mathematical Research Impact Centric Support (MATRICS) for a period of 3-years (July 2018- June 2021).

Sharma, R.K., Research Grant from DST under Mathematical Research Impact Centric Support (MATRICS) for a period of 3-years (July 2018- June 2021).

Jha, N. INSA-The Royal Society of Edinburgh Fellowship, May-June 2018

Bansal, J.C. Research Grant from DST under Mathematical Research Impact Centric Support (MATRICS) for a period of 3-years (July 2018- June 2021)

Editorial/Reviewing and Refereeing Appointments

Jain, P. Associate Editor - *Journal of Mathematical Inequalities, Eurasian Mathematical Journal, Journal of Inequalities and Special Functions, Advances in Inequalities and Applications, Journal of Nepal Math Society*

Jain, P. Advisory Editor, *Jordanian Journal of Mathematics and Statistics*

Jain, P. Reviewed a number of articles for *American Mathematical Society*

Sinha, D. Associate Editor - *Mathematica Moravica*, Published by Faculty of Technical Sciences Čačak, University of Kragujevac, Department of Mathematics, Svetog Čačak, Serbia

Sinha, D. Assistant Editor - *Journal of Combinatorics, Information & System Sciences (JCIS)*, A Quarterly International Scientific Journal, JCI SS is a Publication of "Forum For Interdisciplinary Mathematics (FIM)".

Sharma, K.K. Associate Editor, *Applied Mathematics and Computation* (Elsevier)

Sharma, K.K. Associate Editor, *Differential Equations and Dynamical Systems* (Springer)

Jha, N. Guest Editor, *Differential Equations and Dynamical Systems* (Springer)

Bansal, J.C. Associate Editor, IEEE ACCESS (IEEE Publisher)

Bansal, J.C. Book Series Editor, *Algorithms for Intelligent Systems* (Springer)

Bansal, J.C. Guest Editor, *Evolutionary Intelligence* (Springer)

Bansal, J.C. Guest Editor, *SN Applied Sciences* (Springer)

Bansal, J.C. Editor-in-Chief, *International Journal of Swarm Intelligence* (Inderscience)

Appointments to Memberships of National/International Bodies

Mohanty, R.K. Life member of Indian Academy for Mathematical Modeling and Simulation (IAMMS)

Mohanty, R.K. Life member of Indian Society of Industrial and Applied Mathematics (ISIAM)

Sinha, D. Executive Committee member of Indian Academy for Mathematical Modeling and Simulation (IAMMS), Headquarters: Indian Institute of Technology, Kanpur-208016, India

Sharma, K. K. Life member of Indian Society of Industrial and Applied Mathematics (ISIAM).

Sharma, K. K. Life member of Indian Mathematical Society (IMS).

Lohani, Q. M. D. Member IEEE Society

Jha, N. Life member, Indian Academy for Mathematical Modeling and Simulation, India

Sahani, S. K. Life member, Indian Academy for Mathematical Modeling and Simulation, India

Bansal, J. C. Member IEEE

Bansal, J. C., General Secretary, Soft Computing Research Society, India

Publications

Books

Bansal, J. C. (ed.) *Evolutionary and Swarm Intelligence Algorithms*, Studies in Computational Intelligence: Springer, 978-3-319-91341-4

Articles in Journal

Mohanty, R.K. and Kaur Deepti, "Unconditionally stable high accuracy compact difference schemes for multi-space dimensional vibration problems with simply supported boundary conditions", *Applied Mathematical Modelling*, Vol. 55, pp. 281-298 (2018)

Mohanty, R.K. and Kaur Deepti, "Compact difference scheme with high accuracy for one dimensional unsteady quasi-linear biharmonic problem of second kind: Application to physical problems", *Numerical Analysis and Applications*, Vol. 11, pp.45-59 (2018)

Mohanty, R.K., Sharma Sachin and Singh Swarn, "A new two-level implicit scheme of order two in time and four in space based on half-step spline in compression approximations for unsteady 1D quasi-linearbiharmonic equations", *Advances in Difference Equations*, Vol. 2018, ID: 378(2018)

Jain, P., and Sethi Kriti, Aitken type methods with high efficiency, *Trans. A Razmadze Math. Inst.*, 172 (2018), 223-237

Jain, P., Singh Arun Pal, Singh Monika and Stepanov Vladimir D., Sawyer duality principle in grand Lebesgue spaces, *Dokl. Math.*, 97 (2018), 1819. The Russian version has been published in *Dokl. Akad. Nauk.*, 478 (2018), 131--132

Jain, P., and Kumar Rajender, On generalized fractional cosine and sine transforms, *Georgian Math. J.*, 25 (2018),

259-270.

Jain P., Chand Prem Bahadur and SethiKriti, Efficient numerical methods of Aitken type and their dynamics, *Eurasian Math. J.*, 9 (2018), 58--72.

Jain P., KanjilalSaikat, Stepanov Vladimir D. and Ushakova Elena, Bilinear Hardy Steklov operators, *Math. Notes*, 104 (2018), 223--232.

Sinha, D., and Pravin Garg, Some Results on Tensor Product of a Graph and an odd cycle, *National Academy of Science Letters*, DOI: <https://doi.org/10.1007/s40009-018-0642-1>, 2018

Sinha, D., and Deepakshi Sharma, On the properties of square signed graph, *National Academy of Science Letters*, DOI: <https://doi.org/10.1007/s40009-018-0643-0>, 2018

Sinha, D., Anita Kumari Rao and Ayushi Dhama, Spectral analysis of t-path signed graphs, *Linear Algebra and Multilinear Algebra*, DOI: 10.1080/03081087.2018.1472737, May 2018

Sinha, D., and Anita Kumari Rao, Co-Maximal signed graphs of commutative rings, *Turkish Journal of Mathematics*, 42(3), DOI: 10.3906/mat-1704-20 (May 2018)



Sinha, D., and Anita Kumari Rao, A note on co-maximal graphs of commutative rings, *AKCE International Journal of Graphs and Combinatorics*, 15(1), DOI: 10.1016/j.akcej.2018.03.003 (April 2018)

Sharma Nisha, Pani, Amiya K., **Sharma K.K.**, Expanded Mixed FEM with Lowest Order RT Elements for Nonlinear and Nonlocal Parabolic Problems, *Advances in Computational Mathematics*, 44(5), pp. 1537-1571, 2018

Bansal K., **Sharma K.K.**, Parameter-Robust Numerical Scheme for Time-Dependent Singularly Perturbed Reaction Diffusion Problem with Large Delay, *Numerical Functional Analysis and Optimization*, 39(2), 127-154, 2018

Lohani, Q.M.D., Soanki, Rinki, Muhuri, Pranab K., Novel Adaptive Clustering Algorithms Based on a Probabilistic Similarity Measure Over Atanassov Intuitionistic Fuzzy Set, *IEEE Transactions on Fuzzy Systems*, 26(6), 3715-3729, 2018

Lohani, Q.M.D., Soanki, Rinki, Muhuri, Pranab K. A convergence theorem and an experimental study of intuitionistic fuzzy c-mean algorithm over machine learning dataset, *Applied Soft Computing*, 71, 1176-1188, 2018

Muhuri, Pranab K., Ashraf, Zubair, **Lohani, Q.M.D.**, Multi objective Reliability Redundancy Allocation Problem With Interval Type-2 Fuzzy Uncertainty, *IEEE Transactions on Fuzzy Systems*, 26(3), 1339-1355

Ashraf, Zubair, Muhuri, Pranab K., **Lohani, Q.M.D.**, Roy, Mukul Lata Type-2 fuzzy reliability redundancy allocation problem and its solution using particle-swarm optimization algorithm, *Granular Computing*, 1-22

Jha, N., V. Gopal, B. Singh, Geometric grid network and third-order compact scheme for solving nonlinear variable coefficients 3D elliptic PDEs, *International Journal of Modeling, Simulation, and Scientific Computing*, 9, 1-28 (2018).

Navnit Jha, V. Gopal, B. Singh, A family of compact finite difference formulations for three-space dimensional nonlinear Poisson's equations in Cartesian coordinates, *Differential Equations and Dynamical Systems*, 26, 105-123 (2018).

Navnit Jha, V. Gopal, B. Singh, A third-order accurate finite difference method and compact operator approach for mildly nonlinear two-spatial dimensions elliptic BVPs with

integral form of source term, *Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing*, Springer, 817, 893-912 (2018)

Sahani S.K., Yashi, A Delayed HIV Infection Model with Apoptosis and Viral Loss, *Journal of Biological Dynamics*, 12, 1012-1034 (2018)

Sahani S.K., Yashi, Delayed Model for HIV Infection with Drug Effects, *Differential Equation and Dynamical Systems*, 26, 5780 (2018)

Sahani S.K., Yashi, Effects of Eclipse Phase and Delay on The Dynamics of HIV Infection, *Journal of Biological Systems*, 26, 421454 (2018)

Sahani S.K., Yashi, Effects of Delay in Immunological Response of HIV Infection, *International Journal of Biomathematics*, 11(6), 1850076 (2018)

Bansal, J.C., Gopal, A, Nagar, AK, Analysing Convergence, Consistency, and Trajectory of Artificial Bee Colony Algorithm, *IEEE Access*, 6, 73593-602 (2018).

Bansal, J.C., Farswan, P, Nagar, AK, Design of wind farm layout with non-uniform turbines using fitness difference based BBO, *Engineering Applications of Artificial Intelligence*, 71, 45-59 (2018).

Lalwani, S, Sharma, H, Satapathy, SC, Deep, K, **Bansal, J.C.**, A Survey on Parallel Particle Swarm Optimization Algorithms, *Arabian Journal for Science and Engineering*, 1-25 (2019)

Kumar S, Sharma B, Sharma VK, Sharma, H, **Bansal, J.C.**, Plant leaf disease identification using exponential spider monkey optimization, *Sustainable Computing: Informatics and Systems*, 2018

Sharma N, Sharma, H, Sharma, A, **Bansal, J.C.**, Grasshopper inspired artificial bee colony algorithm for numerical optimization, *Journal of Experimental & Theoretical Artificial Intelligence*, 1-9 (2018)

Farswan, P, **Bansal, J.C.**, Fireworks-inspired biogeography-based optimization, *Soft Computing*, 1-25 (2018)

Keynote Addresses and Invited Talks

Mohanty R.K., An invited talk on "Highly Accurate Implicit Difference Method Based on Off-step Discretization for Fourth Order Parabolic Partial Differential Equation" in the International Conference in conjunction with 14th Biennial

Conference of Indian Society of Industrial and Applied Mathematics (ISIAM), Guru Nanak Dev University Amritsar, Punjab, India, 2-4 February, 2018

Mohanty R.K., An invited talk on "Alternating Group Explicit Iterative Method for 1D Quasilinear Parabolic Equations", in the 49th Annual Iranian Mathematics Conference, Iran University of Science & Technology, Tehran-16844, Iran, 23-26 August, 2018

Mohanty R.K., An invited talk on "Finite Difference Methods for 2D Parabolic Equations" in the workshop entitled "Advanced Computational Techniques for Differential Equations with MATLAB" in the Department of Mathematics, IIT Roorkee from 18-22 Sept. 2018

Mohanty R.K., An invited talk on "Finite Difference Methods for 2D Hyperbolic Equations" in the workshop entitled "Advanced Computational Techniques for Differential Equations with MATLAB" in the Department of Mathematics, IIT Roorkee from 18-22 Sept. 2018

Jain, P., An invited talk on "Mapping properties of Hardy type integral operators on function spaces" at the Faculty of Science and Mathematics, University of Nis, Serbia on 15 May 2018

Jain, P., An invited talk on "Hardy type inequalities on function spaces" in the 14th Serbian Mathematical Congress organized by the Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac, Serbia during 16-19 May 2018

Jain, P., An invited talk on "Generalized integral transforms and pseudo-differential operators" in the International conference "Harmonic Analysis and Applications" at Strobl organized by NUHAG, Faculty of Mathematics, Vienna University, Austria during 4-8 June 2018

Jain, P., An invited talk on "Weighted norm inequalities on function spaces" in the National conference on "Recent Advances in Mathematics" held at the Central University of Jammu, Jammu during 4-5 October 2018

Jain, P., An invited talk on "Linear canonical transforms and their connection with Hardy type operators" in the symposium on "Operator Theory and Topology" in the 84th Annual Conference of the Indian Mathematical Society held at Shri Mata Vaishno Devi University, Jammu during 27-29 November 2018

Jain, P., An invited talk on "Integral Transforms: From Fourier to LCT" in the National Conference on Mathematical Analysis and Mathematical Modelling of the Calcutta Mathematical Society during 7-8 December 2018

Jain, P., An invited talk on "Counting infinity and beyond infinity" at Dyal Sing College, University of Delhi on 26 March 2018

Jain, P., Two lectures in the Short Term Training Programme on "Harmonic Analysis and Applications" held at IIT (ISM), Dhanbad during 8-12 October 2018

Sinha, D., An invited talk on "Signed graphs whose derived signed graphs are symmetric about origin" in the 2nd International Conference on Advances in Computational Mathematics held at Tribhuvan University, Kathmandu, Nepal during 23-24 December 2018

Sinha, D., An invited talk on "Characterization of Signed Graphs whose t-path signed graphs are symmetric about origin" in the International Conference on Discrete Mathematics ICDM-VI (2018) held at National College, Tiruchirapalli during 14-17 December 2018

Sinha, D., An invited talk on "Signed path Structures and



its Applications to encryption decryption" in the 2nd International Conference on Frontiers of Science and Technology - 2018 held at KIET group of Institutions, Ghaziabad, during 21-22 July 2018

Sinha, D., An invited talk on "Spectral Analysis of t-path signed graphs" International Conference on Discrete Mathematics and its Applications to Network Science held at BITS Pilani Goa Campus during 7-10 July 2018

Sinha, D., An invited talk on "Epidemic Models on Signed Graph: A Tuberculosis Model" in the International Conference on Mathematical Modeling and Computations in Bio-Systems, held at Department of Mathematics, IIT Roorkee, Roorkee, India during 12-14 March 2018

Sinha, D., An invited talk on "Computation of Graph Structures for Encryption and Decryption" in the Applications of Graphs and Networks in Computational Studies, Bioinformatics, Engineering and its Technical Terminology, 12-14 March 2018, Jawaharlal Nehru University, in collaboration with Council for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education

Sinha, D., An invited talk on "Spectral Analysis of Signed Graphs" held at Department of Mathematics, Madurai Kamraj University, Madurai India in the International Conference on Algebra and Discrete Mathematics-ICADM 2018

Sharma, K.K., An Invited talk on Almost fourth order finite difference method for parabolic singularly perturbed problems with delay, in International conference on Mathematical Modeling and Simulation, 1-3 December 2018, South Asian University, New Delhi, India

Sharma, K.K., An Invited talk on "Orthogonal Spline Collocation Methods for Singularly Perturbed Differential Equations" in The 33rd Annual Conference of Ramanujan Mathematical Society, University of Delhi, Delhi, 1-3 June 2018

Sharma, K.K., An Invited talk on "Parameter uniform almost fourth order finite difference method for parabolic singularly perturbed delay differential equation" University of Cyprus, 24-25 May 2018

Sharma, K.K., An Invited talk on "Development of

Numerical Methods for Initial Value Problems" in Short Term Course on Current Trends in Mathematics and Applications, National Institute of Technology (NIT) Kurukshetra, 15-20 January 2018

Lohani, Q.M.D., An Invited talk on "Fuzzy Set Theory and its application to Clustering" in 3 Week Refresher Course In Computational & Mathematical Studies (Computer Science, Mathematics & Statistics), UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi, on 11 September, 2018

Lohani, Q.M.D., An Invited talk on "Basics of Fuzzy Mathematics" in International Workshop on Efficiency and Productivity Measurement using Data Envelopment Analysis, South Asian University, NEW DELHI, on 27 November, 2018

Jha, N., High-order Off-step spline and compact schemes on a variable mesh network for one-dimension singularly perturbed elliptic problems, 2nd International Conference on Advances in Computational Mathematics, 23-24 December 2018 (Joint conference of SAU and Tribhuvan University), Central Department of Mathematics, Tribhuvan University, Nepal

Sahani, S.K., Delayed Model for HIV Infection, 2nd International Conference on Advances in Computational Mathematics, 23-24 December 2018 (Joint conference of SAU and Tribhuvan University), Central Department of Mathematics, Tribhuvan University, Nepal

Bansal, J.C., Seminar on Artificial Intelligence for Innovations in Customer Experience and Service Delivery Organized by Centre for Railway Information Systems (CRIS) of Ministry of Railways New Delhi, 24 March 2018

Bansal, J.C., 5th International Conference on Information System Design and Intelligent Applications 2018, Université des Mascareignes, Mauritius, 19-21 July 2018

Bansal, J.C., Special training programme on 'Cryptology and Information Security (CIS 2018) Scientific Analysis Group, DRDO, Metcalfe House, Civil Lines, Delhi, 30 July - 10 August 2018

Bansal, J.C., STC on "Advanced Optimization Techniques for Engineering Applications (AOTEA-18), NIT Kurukshetra from 13-17 Jan. 2018

'Bansal, J C, Research Trends in Information Technology (RTIT), Islamic University of Science & Technology, Awantipora, One Week National Level Faculty Development Programme, 25- 29 September, 2018

Bansal, J C, Data Analytics and Artificial Intelligence, Indian Railway Institute of Transportation Management (IRITM), Lucknow, 1-5 Oct. 2018

Papers Presented and Lectures Delivered

Sharma, K.K., 'Robust Numerical Method based on OSCM for a Class of Semi linear Reaction- Diffusion Problems ' 2nd International Conference on Advances in Computational Mathematics (ICACM-2018), Tribhuvan University, Kathmandu, 23-24 December 2018

Lohani, Q.M.D., A research paper entitled "A Novel Intuitionistic Fuzzy Set Generator with Application to Clustering" was jointly presented with my research student Miss Meenakshi Kaushal in 2018 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), Rio de generio, on 09-12 July, 2018

Lohani, Q.M.D., A research paper entitled "Interval Type-2 Fuzzy weighted Extreme Learning Machine for GDP

Prediction" was jointly presented by research student Mr., Sandeep kumar in 2018 International Joint Conference on Neural Networks (IJCNN), Rio de generio, on 09-12 July, 2018

Jha, N., Analysis of some high-order compact scheme on a non-uniform mesh network for one-dimension singularly perturbed elliptic problems, AIMS Conference on Dynamical System, Differential equations and Applications, 5-9 July, 2018, National Taiwan University, Taipei, Taiwan

Sahani, S.K., A Model for the Effects of Pollutants on Survival of Species, AIMS Conference on Dynamical System, Differential equations and Applications, 5-9 July, 2018, National Taiwan University, Taipei, Taiwan

Bansal, J.C., Particle Swarm Optimization for the numerical solution of one-dimensional elliptic boundary value problems, The 12th AIMS Conference on Dynamical Systems, Differential Equations and Applications, National Taiwan University Taiwan, 5-9 July 2018



Other Activities and Achievements

Mohanty, R.K., (Chaired Session), International Conference in conjunction with 14th Biennial Conference of Indian Society of Industrial and Applied Mathematics (ISIAM), Guru Nanak Dev University Amritsar, Punjab, India, 2-4 February, 2018

Mohanty, R.K., (Chaired Session), 49th Annual Iranian Mathematics Conference, School of Mathematics, Iran University of Science & Technology Normal, Tehran-16844, Iran, 23-26 August, 2018

Mohanty, R.K., (Chaired Session), International Conference on Mathematical Modelling and Computations, South Asian University, New Delhi, India, 01-03 December, 2018

Jain, P., (Chaired Session), National conference on "Recent Advances in Mathematics" held at the Central University of Jammu, Jammu during 4-5 October 2018

Sinha, D., (Chaired Session), International conference on Mathematical Modeling and Simulation, South Asian University, New Delhi, India during 1-3 December, 2018

Sinha, D., (Chaired Session), 2nd International Conference on Frontiers of Science and Technology -2018, KIET Group of Institutions, Ghaziabad, 21-22 July 2018

Sinha, D., (Chaired Session), International Conference on Discrete Mathematics and its Applications to Network Science, BITS Pilani Goa Campus, 7-10 July, 2018

Sinha, D., (Chaired Session), Applications of Graphs and Networks in Computational Studies, Bioinformatics, Engineering and its Technical Terminology, Jawaharlal Nehru University, in collaboration with Council for Scientific and Technical Terminology, Ministry of Human Resources and Development, Department of Higher Education., Jawaharlal Nehru University, Delhi, India, 12-14 March, 2018

Sinha, D., (Chaired Session), 4th International Conference on Harmony Search, Soft Computing and Applications, BML Munjal University, Gurugram, Haryana, India, 7-9 Feb 2018

Sinha, D., (Chaired Session), International Conference on Algebra and Discrete Mathematics-ICADM2018., Department of Mathematics, Directorate of Distance Education, Madurai Kamraj University, Madurai-625021,

India, 8-10 January 2018

Sinha, D., (Chaired Session), International Conference on Discrete Mathematics-ICDM 2018., Department of Mathematics, Periyar University, Tamil Nadu, India during 4-7 January 2018

Sharma, Kapil K., (Chaired Session), International conference on Mathematical Modeling and Simulation, South Asian University, New Delhi, India during 1-3 December 2018

Sharma, Kapil K., (Chaired Session), 2nd International Conference on Advances in Computational Mathematics (ICACM-2018), Tribhuvan University, Kathmandu, 23-24 December 2018.

Sahani, Saroj K., (Chaired Session), 2nd International Conference on Advances in Computational Mathematics (ICACM-2018), Tribhuvan University, Kathmandu, 23-24 December 2018.

Bansal, J.C., General Chair, 8th International Conference on Soft Computing for Problems Solving (SocProS 2018), VITVellore, India, 17-19 Dec. 2019.

Bansal, J.C., General Chair, International Joint Conference on Computational Intelligence (IJCCI 2018) Daffodil International University (DIU), Dhaka Bangladesh, 14-15 Dec. 2018.

Sinha D., Judge to **ABHIVYAKTI** - A Paper Presentation organised by The Mathematics Society of Ramanujan College, Department of Mathematics, Ramanujan College, New Delhi on 27 September 2018

Sahani, Saroj K., (Resource Person), International Workshop on Mathematical Soft Skills, Department of Mathematics, Khalsa College, Amritsar, India, 20-21 April 2018.

Visit of Scholars to the Dept./Faculty/Special Lecture

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1	16.01.2018	Linear Hahn Banach Type Extension Operators in Banach Algebras of Operators	Dr. Sudeshna Basu, George Washington University, Washington DC, USA
2	18.01.2018	Neural Networks and their Applications	Prof. Mohammad Shorif Uddin, Jahangirnagar University, Dhaka, Bangladesh
3	30.01.2018	Fourier Analysis from a Function Space View-point	Prof. Hans Georg Feichtinger, Group Leader of NuHAG, Institute of Mathematics, University of Vienna, Austria
4	06.02.2018	Evolutionary Computation for Sudoku Puzzles	Prof. Kedar Nath Das, NIT, Silchar
5	28.03.2018	Potential Field Problem in Human Retina	Prof. V Sree Hari Rao, Director (Honorary), Foundation for Scientific Research & Technological Innovation, Hyderabad
6	10.04.2018	Swarm Intelligence Optimization Algorithms Applications	Prof. Milan Tuba, Vice Rector for International Relations, Singidunum University, Belgrade
7	24.04.2018	Environmental Heterogeneity and Plankton Population Dynamics	Dr. Anupam Priyadarshi, Asst. Professor, Department of Mathematics, Banaras Hindu University
8	10.08.2018	Challenges & opportunities in mathematical & theoretical biology and medicine	Prof. Carlos Castillo-Chavez, Arizona State University, USA
9	14.08.2018	Dominations in Graphs	Prof. Kiran R. Bhutani, Professor & Chair, Dept. of Mathematics, The Catholic University of America, Washington DC, USA
10	27.08.2018	Publication Ethics	Mr. Aninda Bose, Senior Publishing Editor, Springer India Pvt. Ltd.
11	10.10.2018	Stability Theory on Differential Equations	Prof. A.K. Nandakumaran, IISc, Bangalore
12	24.10.2018	Contractions, Continuity and Completeness	Prof. R.P. Pant, Kumaun University
13	15.11.2018	The Ordered Weighted Average: Theory and Applications	Prof. Jose M. Merigo, Faculty of Engineering & Information Technology, University of Technology, Sydney





Faculty of Social Sciences

Fairy Meadows, Pakistan

Department of International Relations

Faculty of Social Sciences

In keeping with its track record of contributing robustly to research and teaching in International Relations (IR), the Department of International Relations made notable strides in further underlining its presence in the discipline. Faculty members published on a variety of topics -- ranging from regional integration, to gender in world politics, to peace education, to Cold War history, to Antarctic resource geopolitics -- in book chapters, peer-reviewed journals, and issue briefs. These publications serve as a reminder of the multi-faceted interests and specialisations that the department's faculty members possess, thereby making the department an exciting and dynamic hub of thinking and learning about IR. Courses offered at the Master's and MPhil/PhD levels reinforced the varied approaches that the department's members adopt in their academic works. Furthermore, the expertise of the faculty members was sought by journals like *Security Dialogue*, *Political Geography*, *Journal for Borderlands Studies*, *International Studies*, *International Feminist Journal of Politics*, and *Asian Security* and publishers like Oxford University Press, Routledge and Springer to vet material submitted for publication.

In an effort to actively reach out to the wider world, faculty members organized a variety of activities in 2018. As part of the Department's growing engagement with Border Studies, a one-day Young Scholars' Workshop was organized on the topic 'Borders and Regionalism in South Asia' in August. Cognizant of the fact that IR has to be more than just an engagement with 'high politics,' and to introduce the 'nature' dimension to one's understanding of the 'international,' a workshop on 'Shared Waterscapes in South Asia' was held in early 2018.

In a bid to better understand the rising salience of

'populism' in politics, a series of events on 'Gender Populism and Rise of Extremism: Perspectives from Scandinavia and South Asia' was organized in the same month. In December, a seminar focusing on international organizations titled 'Addressing Contemporary Challenges for International Organisations: Responses from the Global South' was held. The Department also hosted delegations from the Stimson Centre (Washington, DC) and the USAF Air War College, Montgomery, AL. The Department also had the privilege of collaborating with the Ministry of External Affairs (MEA), Government of India and hosting eminent Indian diplomats as part of the MEA's Distinguished Lecture Series.

The Department achieved a milestone in having its first PhD candidate, Mr. Omar Sadr, successfully defend his thesis in the summer of 2018. The doctoral thesis was titled 'Negotiating Cultural Diversity in Afghanistan (1992-2014)'. At present, Dr. Sadr is a Senior Researcher at the Afghan Institute for Strategic Studies in Kabul. Vaishali Raghuvanshi, another student of the Department successfully defended her thesis titled 'Images of the Other: Pakistan in the Narratives of India's Popular Culture' in winter 2018. At present Dr. Vaishali is an assistant professor at the Christ University, Bengaluru. The Department also welcomed Professor Sanjay Chaturvedi as Chairperson of the Department in June 2018. Professor Chaturvedi was formerly Lala Lajpat Rai Professor in Political Science at Panjab University, Chandigarh. He is an eminent scholar in the field of Geopolitics and Boundary Studies. Since September 2018, he is the Dean of the Faculty of Social Sciences at the University.

Students admitted in 2018 and country-wise break-up

Name of Programme: MA International Relations
Batch:

Afghanistan	04	Maldives	00
Bangladesh	02	Nepal	02
Bhutan	02	Pakistan	01
India	15	Sri Lanka	01
Others	01		

Name of Programme: PhD International Relations
Batch: All

Afghanistan	01	Maldives	00
Bangladesh	01	Nepal	00
Bhutan	00	Pakistan	00
India	03	Sri Lanka	00

Details of Faculty Members

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Sanjay Chaturvedi	Panjab University, Chandigarh 1989	Professor & Dean (w.e.f. Sep 2018)	Theories and Practices of Geopolitics with Special Reference to Polar Regions and Indian Ocean, Climate Change, Non-Western IR
	Soumita Basu	Aberystwyth University, UK 2009	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
	Medha Bisht	Jawaharlal Nehru University New Delhi, 2010	Assistant Professor	International Politics of Non-State Actors, Grand Strategic Thought and Practice and Water Governance and Diplomacy in South Asia
	Nabarun Roy	Carleton University, Ottawa, 2011	Assistant Professor	Theories of International Relations, Indian Foreign Policy, Great Power Politics, Geopolitics of Asia and South Asia, Wars in IR, Historical Dimension of IR
	Shweta Singh	Jawaharlal Nehru University New Delhi, 2012	Assistant Professor	Women, Peace and Security (with a focus on South Asia); Peace and Conflict Studies; Mediation and Armed Conflicts in South Asia (Kashmir and Sri Lanka); Gender, Populism and Extremism; Peace Education
	Dhananjay Tripathi	Jawaharlal Nehru University, 2010	Assistant Professor	Regions, Regionalism and Borders (South Asia & Europe); Political Economy; South Asia (Strategic Issues)
	Jayashree Vivekanandan	Jawaharlal Nehru University, 2008	Assistant Professor	History and IR theory, Indian strategic thought and practice, memory politics, transboundary resource governance in South Asia

Awards/Honours/Special Recognition

Bisht, Medha, Selected for "Asia Pacific Water Leadership Programme (APWLP)" to study the Murray-Darling Basin from 8-19 April 2018, organised and funded by the International Centre for Integrated Mountain Development (ICIMOD) and International Centre for Excellence in Water Resources Management (ICE WaRM) Australia

Grants and Fellowships conferred on members of the Faculty

Bisht, Medha, 'Water Governance and Water Diplomacy in South Asia', 05 January - 08 January 2018, Funding -Asia Foundation and International Union for Conservation and Nature, INR 700,000

Singh, Shweta, International Expert Consultant on Populism, Nationalism and Gender, UN Women, Regional Office for Asia and the Pacific, Bangkok, Thailand, 15 November - 31 December 2018, Funding USD 8000, Travel Grant USD 5000

Tripathi, Dhananjay, awarded Visiting Fellowship, Centre for Advanced Studies, Department of Political Science, University of Hyderabad, 17-21 September 2018. Delivered public lecture and two class lectures

Tripathi, Dhananjay, received grant from Association for

Borderlands Studies (INR 55,633) and Borders in Globalization (INR 24,398) for organizing one day young scholars workshop on Borders and Regionalism in South Asia, 25 August 2018

Tripathi, Dhananjay, received grant from Borders in Globalization (BIG) to set up the SAU-BIG Border Studies Fellowship, CAD 12,000

Editorial/Reviewing and Refereeing Appointments

Basu, Soumita served as a peer-reviewer for *Security Dialogue*, *International Feminist Journal of Politics*, and *Global Governance: A Review of Multilateralism and International Organizations*. From January 2018, she has been serving on the Editorial Board of the *International Feminist Journal of Politics*

Basu, Soumita served as external examiner for PhD dissertation submitted to the Research Centre for Gender Peace and Security, Monash University, Australia, and MPhil dissertation submitted to the Department of Political Science, University of Delhi

Basu, Soumita served as External Reviewer for selection of abstracts for CIPOD Young Scholars Conference, Jawaharlal Nehru University, November 2018

Bisht, Medha, External Reviewer for Routledge India, June



2018

Chaturvedi, Sanjay, External Reviewer for Oxford University Press, Routledge and Springer

Chaturvedi, Sanjay, served as Peer Reviewer for *Political Geography, Journal of Indian Ocean Region*

Chaturvedi, Sanjay, Editor, *Journal of Indian Ocean Region* (Routledge)

Chaturvedi, Sanjay, Member, Editorial Board, *India Quarterly* (Sage)

Chaturvedi, Sanjay, Member, Editorial Board, *Cooperation and Conflict* (Sage)

Chaturvedi, Sanjay, Regional Editor, *The Polar Journal* (Routledge)

Chaturvedi, Sanjay, Member International Advisory Board, *Journal of Borderland Studies*, Routledge

Chaturvedi, Sanjay, Member International Advisory Board, *Journal of Global Faultlines*, Pluto

Chaturvedi, Sanjay, Member Editorial Advisory Board, *Indian Foreign Affairs Journal: A Quarterly of the Association of Indian Diplomats*, Print Publications

Roy, Nabarun, peer-reviewer for *Asian Security*

Singh, Shweta (with Tiina Vaittinen, Tampere Peace Research Institute, Tampere University, Finland Dr. Catia C. Confortini, Peace and Justice Studies Program, Wellesley College, USA), *Feminist Studies on Justice, Peace, and Violence*, Rowman and Littlefield (International)

Singh, Shweta, Reviewer, *International Feminist Journal of Politics* (Routledge) and *Peacebuilding* (Routledge)

Tripathi, Dhananjay, editorial team member of journal *Estudios Fronterizos (REF)*; referee for *Journal of Borderland Studies* (Routledge); *India Quarterly* (Sage); *International Studies Review* (Routledge)

Appointments to Memberships of National/International Bodies

Chaturvedi, Sanjay, elected to serve on the Board of Governors, Research Committee RC 15, International Political Science Association (IPSA)

Chaturvedi, Sanjay, nominated to the Ninth Academic Council of Goa University by Governor of Goa, as Nominee

of the Chancellor for the period 2018-2020

Chaturvedi, Sanjay, External Member, Centre for International Politics, Organization and Disarmament (CIPOD) School of International Studies (SIS), Jawaharlal Nehru University (JNU), New Delhi, for the period December 2018 to December 2020

Chaturvedi, Sanjay, Member UGC Expert Committee to design Learning Outcomes based Curriculum Framework

Basu, Soumita, served as Chair of the Professional Development Committee of the International Studies Association (ISA) and, in this capacity, also as member of the ISA Governing Board. Further, she served on the ISA ad hoc committee on siting ISA Conventions

Publications

Article/Chapter in Book

Basu, Soumita, 'Security Council Resolution 1325: Toward Gender Equality in Peace and Security Policy Making' in Betty A. Reardon and Asha Hans (eds.), *The Gender Imperative: Human Security versus State Security*, 2nd edition, New Delhi and Abingdon: Routledge, 9781138320949.

Tripathi, Dhananjay, 'Regional Integration: The European Model and The South Asian Experience' in Gulshan Sachdeva (ed.), *Challenges in Europe: Indian Perspectives*, Singapore: Palgrave Macmillan, pp. 341-357, ISBN: 978-981-13-1635-7.

Tripathi, Dhananjay, 'Manufacturing Enemy: The Presentation of India in Pakistani Textbooks' in Ching Prudence Chou and Jonathan Spangler (eds.) *Cultural and Educational Exchanges Between Rival Societies Cooperation and Competition in an Interdependent World*, Singapore: Springer Publication, pp. 99-114, ISBN: 978-981-13-1546-6

Chaturvedi, Sanjay, 'The Future of Antarctica: Minerals, Bioprospecting and Fisheries' in Mark Nuttall, Torben R. Christensen and Martin Siegert (eds.) *The Routledge Handbook of The Polar Regions*, London: Routledge, pp. 405-417, ISBN: 9781138843998

Article/Chapter in Journal

Roy, Nabarun, "India' Forgotten Links to the Korean War" in *The Diplomat*, 27 October 2018 Available at <https://thediplomat.com/2018/10/indias-forgotten-links>

to-the-korean-war/

Roy, Nabarun, "Realism in the Study of International Relations in India," *ORF Issue Brief and Special Reports*, Issue No. 253, 5 September 2018. Available at <https://www.orfonline.org/research/43817-realism-in-the-study-of-international-relations-in-india/>

Roy, Nabarun, "Why did Nehru want the People's Republic of China in the UN?" in *The Diplomat*, 7 April 2018. Available at <https://thediplomat.com/2018/04/why-did-nehru-want-the-peoples-republic-of-china-in-the-united-nations/>

Singh, Shweta, 'Education for Peace through Transformative Dialogue: Perspectives from Kashmir' *International Review of Education*, Springer: Netherlands, Issue 64:1, 2018. Available at : <https://link.springer.com/article/10.1007/s11159-017-9697-3>

Vivekanandan, Jayashree, 'Indianisation or indigenisation? Greater India and the politics of cultural diffusionism' *Commonwealth and Comparative Politics*, 56: 1, 2018, pp 1-21

Keynote Addresses and Invited Talks

Basu, Soumita invited panelist on 'Salient Components of

International Conflict and Cooperation', at CIPOD Young Scholars Conference, Jawaharlal Nehru University, New Delhi, 20 November 2018

Bisht, Medha, Invited Speaker, 'Getting Past the Macro Narrative of Hydro-diplomacy in South Asia', Melbourne University, Melbourne, 13 April 2018

Bisht, Medha, Invited Speaker, 'The Making of Space: The Changing Geo-politics of Himalayas', India Foundation, Leh, 16-18 May 2018

Bisht, Medha, Invited Speaker, 'Epistemic Diplomacy: A Relational Approach to Maritime South Asia', Pacific Special Operation Command, Pacific Area Security Sector Working Group, New Delhi, 27 August 2018

Bisht, Medha, Invited Lecture, 'Water Management in South Asia, Between and Beyond Scientific Paradigm', Nazarbayev University, Astana, 14 December 2018

Chaturvedi, Sanjay, Keynote Speaker, 3rd Mandala Dialogue on 'China's External Economic Engagement', organized by The Nehru Memorial Museum & Library, 20 December 2018

Chaturvedi, Sanjay addressed the National Defense



College of Oman, Muscat on the theme 'Geopolitics and Geostrategy: Impact on International Relations', 23 December 2018

Chaturvedi, Sanjay served as a panelist on the panel discussion, 'Do Area Studies Matter', University of Chicago Centre, New Delhi, 4 December 2018

Chaturvedi, Sanjay, Guest Lecturer, Post-Graduate Diploma in International Studies, Department of Civics and Politics, delivered a series of lectures on the topics: Introduction to Geopolitics, Theories of International Relations, Changing Geopolitics and Security in International Relations, Geopolitical Concerns and Geo-economics Aspirations of China, Energy Security and the Indian Ocean Region, 8-9 September 2018

Roy, Nabarun, invited as discussant in the workshop, "A Global Partnership or a Relationship Oversold? The India-US Strategic Relationship" in March 2018 at the Rajaratnam School of International Studies, Nanyang Technological University, Singapore

Singh, Shweta, Resource Person, 'En-gendering Hydrodiplomacy' at Workshop on Hydro-diplomacy in South Asia, South Asian University, New Delhi, 7 January 2018

Singh, Shweta, Invited Panelist, 'The Limitations of Framing Women's Rights as a Security Matter; Critical Perspectives on UNSCR 1325 & 1820' at 'Deepening Diversity, Women's Rights and Democracy; Addressing Racial Discrimination and Gender Based Violence with Special Emphasis on Sexual Violence in Conflict Areas', Control Arms Foundation of India, Manipur Women Gun Survivors Network, Northeast India Initiative for Peace in collaboration with Multiple Action Research Group with support from European Union, New Delhi, 19 January 2018

Singh Shweta, Resource Person, 'Capacity Building Workshop for Faculty Members from Sheruptse College', India-Bhutan Foundation-SAU, Thimpu, 20-24 February 2018

Singh, Shweta, Invited Orientation Lecture 'Critical Perspectives on Peace, Conflict and Security in South Asia' Aung Sun Su Kyi Centre for Peace, Lady Shri Ram College for Women, University of Delhi, New Delhi, 24 August 2018

Singh, Shweta, Invited Lecture 'Engendering International Relations Critical Perspectives on Gender,

Conflict and Security in South Asia' International Relations Lecture Series, Ashoka University, Sonapat, Haryana, 28 September 2018

Vivekanandan, Jayashree, 'Museums in Britain: The Politics of Display in a Postcolonial World', presentation of fellowship research at the Department of Politics and International Studies, University of Cambridge (2017), organized by D.C. Pavate Memorial Foundation, Karnatak University, Dharwad, 16 November, 2018

Papers Presented and Lectures Delivered

Arokiaraj, J. P. and **Basu, Soumita** 'Populist Narratives at the UN Security Council: Implications for Women, Peace and Security Agenda' at panel discussion on 'Gender, Populism and Rise of Extremism: Perspectives from Scandinavia and South Asia', organised by South Asian University, New Delhi, 19 November 2018

Bisht, Medha, 'Critical Hydrodiplomacy: Narratives from India and Pakistan Punjab', South Asian University, New Delhi, 12 November 2018

Chaturvedi, Sanjay, 'Theorizing Maritime Regionalism for the Indian Ocean: Non-Eurocentric Perspectives', International Conference on 'Regional Challenges to Multilateralism', 13-14 September 2018, University of Tampere, Finland

Singh, Shweta, 'Women, Violent Extremism and South Asia: Perpetrators or Controlled Actors?' at 7th Annual International Feminist Journal of Politics conference, 'Feminism + Knowledge + Politics, San Francisco, 2-3 April 2018

Singh, Shweta, Chair on Panel: Women's Participation in Peace Processes: A Comparative Analysis, 59th Annual Convention, 'Power of Rules and Rule of Power', International Studies Association, San Francisco, 6 April 2018

Singh, Shweta, 'Religion and Securitization: Critical Perspectives from South Asia' at 59th Annual Convention, 'Power of Rules and Rule of Power', International Studies Association, San Francisco, 6 April 2018

Singh, Shweta, 'Women in Between the Ulema and Local Warlords on the Peace Table: Agents or Controlled Actors?' 59th Annual Convention, 'Power of Rules and Rule of Power', International Studies Association, San Francisco, 4

April 2018

Tripathi, Dhananjay, Delivered two lectures title 'Indian role in South Asian Integration: Issues and Challenges' & 'Political Economy of Regional Integration in South Asia' in the course -Post Graduate in International Relations, organised by the University of Mumbai. 27-28 October 2018.

Tripathi, Dhananjay, 'European Strategic Engagement in Afghanistan' at Conference on Development and Challenges in Europe, organized by the Centre for European Studies, JNU, New Delhi, 3-5 October 2018

Tripathi, Dhananjay, 'Border as a Factor in Bilateral Ties: Studying India-Nepal Relations Post Madhesi Movement' at the 11th World Conference of the Association for Borderlands Studies, Vienna, Budapest, 10-14 July, 2018

Tripathi, Dhananjay, 'An Account of India's Regional Anxieties and its Ramification for South Asian Integration' International Conference on India's Foreign Policy: Continuity and Change, organized by Department of International Relations, Jadavpur University, Kolkata, 9-10 March 2018

Tripathi, Dhananjay, 'The New Player in the Region: Analyzing the Chinese Involvement in South Asia', International Conference on Role of China in South Asia, organized by Department of Civics and Politics, University of Mumbai, 26-28 February 2018

Tripathi, Dhananjay, 'Interrogating the Conventional

Understanding of Borders in South Asia', International Conference on Border in South Asia: States, Communities and People, organized by the UNESCO Madanjeet Singh Institute of South Asian Regional Cooperation, Pondicherry University, 1-2 February 2018

Vivekanandan, Jayashree, 'Do Not Touch: The International Politics of Display', 43rd annual conference of the British International Studies Association (BISA), Bath, 13-15 June, 2018

Vivekanandan, Jayashree, 'Interpreting the Cosmopolitan, the National and the Postcolonial in Museum Spaces', Conference of Pavate Fellows (2000-2018), Karnatak University, Dharwad, Karnataka, 17 November, 2018

Vivekanandan, Jayashree, 'Representing Colonialism in British Public Memory', Department of Political Science, Karnatak University, Dharwad, Karnataka, 16 November, 2018

Other Activities and Achievements

Basu, Soumita convened seminar on 'Addressing Contemporary Challenges for International Organisations: Responses from the Global South, South Asian University, New Delhi, 4 December 2018

Bisht, Medha, Workshop Coordinator of series of events, 'Shared Waterscapes in South Asia', South Asian University, 5-6 January 2018



Bisht, Medha, Course Coordinator, Hydro-diplomacy in South Asia, 7-8 January 2018

Bisht, Medha, Workshop Coordinator, Recasting Norms: Critical Hydrodiplomacy in South Asia, 12 November 2018

Bisht, Medha, Reviewer for MA IR Courses, University of Colombo, January 2018

Chaturvedi, Sanjay, examiner for PhD dissertation submitted to the Department of, Adelaide University

Chaturvedi, Sanjay, examiner for PhD dissertation submitted to Gateway Antarctica, Centre for Antarctic Studies and Research, University of Canterbury, New Zealand

Chaturvedi, Sanjay, Chair, Workshop on 'The Role of Civilians in Civil-Military Operations', by Professor Gunhild Hoogensen Gjørsv, South Asian University, New Delhi, 20 November 2018

Roy, Nabarun, invited as discussant in the workshop, "A Global Partnership or a Relationship Oversold? The India-US Strategic Relationship", in March 2018 at the Rajaratnam School of International Studies, Nanyang Technological University, Singapore

Roy, Nabarun, examiner for PhD dissertation submitted to the Department of Political Science, University of Hyderabad; examiner for MPhil dissertation submitted to the School of International Studies (SIS), JNU

Roy, Nabarun, organized panel discussion of delegation from US Air College, 30 August 2018

Roy, Nabarun, organized talk by Ambassador Swashpawan Singh as part of MEA's Distinguished Lectures Series, 6 September 2018

Roy, Nabarun, organized talk by Ambassador Shyam Saran as part of MEA's Distinguished Lectures Series, 3 September 2018

Roy, Nabarun, organized interactive session by Stimson Centre (Washington, DC) delegates, 11 September 2018

Singh, Shweta, Examiner, MMAJ Academy of International Studies, M.Phil dissertation

Singh, Shweta, Chair, Dialogical conversation on South Asian Feminism(s) and The Journey of Meghna Guhathakurta, South Asian University, 19 November 2018

Singh, Shweta, Chair, 'Pedagogy of Waterscapes in South Asia: Dialogue and Dialectics', at 'Regional Workshop on Shared Waterscapes of South Workshop', South Asian University, New Delhi, 5-6 January 2018

Singh, Shweta, Invited Lecture 'Gender and Conflict: Perspectives from South Asia', Aung Sun Su Kyi Centre for Peace, Lady Shri Ram College for Women, University of Delhi, New Delhi, 13 January 2018

Singh, Shweta, Panel Coordinator and Chair, Memory, Violence and South Asia, 25 January 2018

Singh, Shweta, organized a series of events on Gender, Populism and Rise of Extremism, 19 November 2018

1. Panel series on Gender, Populism and Rise of Extremism, 19 November 2018.
2. South Asian Feminism(s) and The Journey of Meghna Guhathakurta, 19 November 2018
3. The Role of Civilians in Civil-Military Operations, Speaker Prof Gunhild Hoogensen Gjørsv, Centre for Peace Studies, UiT The Arctic University of Norway, Tromsø, Norway.

Tripathi, Dhananjay, Member Scientific Committee Association of Borderland Studies IIInd World Conference 2018

Tripathi, Dhananjay, Chair and Discussant session on Borders and Boundaries in Asia: Articulating Borders at the IIInd World Conference of the Association for Borderlands Studies, held at Vienna & Budapest, 10-14 July 2018

Tripathi, Dhananjay, Member Scientific Committee-Association of Borderland Studies Annual Meeting 2018

Tripathi, Dhananjay, Organised one-day young scholars workshop on Borders and Regionalism in South Asia, 25 August 2018, South Asian University, New Delhi

Tripathi, Dhananjay, Organised Panel on Borders and Boundaries in Asia: Borders in South Asia at the IIInd World Conference of the Association for Borderlands Studies, held at Vienna Budapest, 10-14 July 2018

Tripathi, Dhananjay, Participated in the Vth India-Central Asia Dialogue held at Samarqand, Uzbekistan, 13-14 September 2018

Tripathi, Dhananjay. Participated in 23rd Track II Chaophraya Track II Dialogue between India-Pakistan, 23-

24 March 2018, Bangkok, Thailand

Vivekanandan, Jayashree, Discussant, Young Scholars Conference on 'Cooperation and Conflict in Contemporary World Politics', Centre for International Politics, Organisation and Disarmament, School of International Studies, Jawaharlal Nehru University, New Delhi, 20 November, 2018

Visit of Scholars to the Department/Special Lecture

The Department hosted a series of presentations by Professor Rashed Uz Zaman, currently Chairperson, Department of International Relations, University of Dhaka on 2-3 May, 2018. Professor Zaman spoke on the following themes: 'South Asian participation in UN peace operations'; 'Disciplinary History of IR in Bangladesh'; and, '21st century battlefields and technology: searching for strategic culture in a world without warriors'. His visit was coordinated by Dr. Soumita Basu and Dr. Jayashree Vivekanandan.

Students' Achievements

Gurjar, Sankalp was awarded 'Mira Sinha Bhattacharjea

Award for the Best Paper' at the 10th All India Conference of China Studies held at the University of Goa on 12-14 December 2017 for his paper, "Chinese Maritime Activities in the Indian Ocean Maritime Africa".

Ramya, P.S., won the best paper award for her paper titled 'The Kokang Conflict and Myanmar's Peace Process: Examining China's Role as a Mediator', at the Emerging Scholars Symposium organised by the prestigious Bandarnaike Centre for International Studies (BCISS), in collaboration with the Australian High Commission to Sri Lanka, in Colombo, on 11 October 2018.

Sadr, Omar awarded PhD degree under the supervision of Dr. Jayashree Vivekanandan. PhD thesis was titled 'Negotiating Cultural Diversity in Afghanistan (1992-2014)'.

Sharma, Shubham awarded MPhil degree under the supervision of Dr. Nabarun Roy. MPhil thesis was titled 'Anarchy and Structural Realism: A Dialectical Reconsideration of Concept and Epistemology'.









Sigiriya Lion Rock fortress and landscape in Sri Lanka

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 at 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. Nancy Fraser from The New School, New York who delivered the lecture on 'Race, Empire, Capitalism: Theorizing the Nexus'. 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 Dev



Pathak) the Cinema and Society Series (coordinated by Dr. Mallika Shakya) and the Rickshaw student activity (coordinated by Dr Dev Pathak). Dr. Ankur Datta coordinated a series of events with Prof. Lisa Wedeen from the University of Chicago.

The collaboration with Rosa Luxemburg Stiftung, Germany has continued with Dr Ravi Kumar as Convener. As part of this collaboration Nancy Fraser was invited and a Summer School on 'Epistemes for Conceptualising the Contemporary' was organized on 5-12 June 2018. Prof. Arsel Murat, Professor, International Institute of Social Studies, The Hague, was invited to deliver a public lecture on 'Authoritarian Developmentalism as the latest stage of neoliberalism? Political economy of extractivism in Turkey (and beyond)' and a Winter School was organised on 'Development, Democracy and Conflict' (26th November - 1st December).

The efforts of the Department to forge intellectual relations within South Asia culminated in organizing of an 'Intensive Course on Teaching Sociology at Undergraduate Level to Faculty Members' for faculty members from Bhutan on 20-25 February. A Capacity Building Workshop

for Faculty members from Sherubtse College, Royal University of Bhutan (Coordinator: Dr Ravi Kumar).

The Department journal, *Society and Culture in South Asia*, has been doing very well. Its reach has expanded and data provided by publishers shows that its subscription and downloads have also increased multifold.

Students admitted and country-wise break-up

Name of Programme: M.A. first semester

Batch: 2018

Afghanistan	02	Maldives	00
Bangladesh	05	Nepal	01
Bhutan	04	Pakistan	01
India	15	Sri Lanka	01






Name of Programme: M.Phil/Ph.D first semester

Batch: 2018

Afghanistan	00	Maldives	00
Bangladesh	01	Nepal	00
Bhutan	01	Pakistan	00
India	03	Sri Lanka	01

Details of Faculty Members:

	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Sasanka Perera	University of California Santa Barbara 1991	Professor, Vice-President & Dean (up to Sep 2018)	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 New Delhi 2007	Associate Professor	Political Economy of Identity Politics, Social Theory, Politics of Knowledge Production, Social Movements
	Mallika Shakya	London School of Economics and Political Science London, 2008	Assistant Professor	Anthropology of work - labour, trader groups and industrial clusters, Ethnicity and social movements, Borderlands, Poetic imaginations of nation and region, Global South and Africa
	Diya Mehra	University of Texas at Austin, 2011	Assistant Professor	Urban Anthropology, Anthropology and History, Politics, Governance and Development, The Anthropology of Everyday life

	Ankur Datta	London School of Economics, London, 2011	Assistant Professor	Kashmir Studies, History and Memory, Forced Migration, Violence and Conflict, Social Anthropology and Ethnography
	Chudamani Basnet	University of Georgia, Athens, 2010	Assistant Professor	Politics, Economy, Religion, History
	Dev Nath Pathak	Jawaharlal Nehru University New Delhi, 2011	Assistant Professor	Folklore & Performance, Popular Culture & Media (Cinema, Music, & Theatre), Theoretical & Methodological Issues in Social sciences; Epistemology and Philosophy in Social Science, Education (Schooling & Teaching), Youth and Resistance
	Irfanullah Farooqi	Jawaharlal Nehru University New Delhi, 2014	Assistant Professor	Sociology of Literature Islam and Muslims in South Asia, Urdu Studies, South Asian Social Thought
	Ishita Dey	University of Delhi Delhi, 2016	Assistant Professor	Economic Anthropology, Food Studies, Forced Migration, Labour Studies, Gender & Society, Science & Technology in South Asia

Awards/Honours/Special Recognition

Pathak, Dev. Scholar-in-Residence- 2018, awarded by Management Centre for Human Values (MCHV) Committee at IIM Calcutta

Grants and Fellowships conferred on members of the Faculty

Ravi Kumar, Rosa Luxemburg Stiftung, Berlin grant for 'Alternative Epistemes, Development Discourses and Popular Movements in South Asia' for one year, Euro 68,400

Mallika Shakya, Institute of South Asian Studies, New Delhi grant for Poetic Imagining(s) of South Asia, 2016-19

Editorial/Reviewing and Refereeing Appointments

Datta, Ankur, General Editor. *Society and Culture in South Asia*

Datta, Ankur, Reviewer for *Journal of Eurasian Studies*

Kumar, Ravi, Associate Editor, *Society and Culture in South Asia* (Sage), 2015 onwards

Kumar, Ravi, Co-editor of series, *Social Movements and Transformative Dissent*, Routledge, New Delhi, 2015 to date

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*, Information Age Publishing: Charlotte, North Carolina

Kumar, Ravi, Member, Editorial Board, *Philosophy and Theory in Higher Education*, Peter Lang, New York

Kumar, Ravi, Member, Editorial Collective, *Critical Education*

Kumar, Ravi, Member, Editorial Board of Book Series titled *Bloomsbury Critical Education*, Bloomsbury, London

Kumar, Ravi, Member, Editorial Board of Book Series titled *Marxist, Socialist, and Communist Studies in Education*, Information Age Publishing, Charlotte, North Carolina

Mehra, Diya, Reviewer for *South Asia, International Journal of Urban and Rural Research*

Pathak, Dev, Editorial Committee Member, *Journal of Human Values*, published by Sage, New Delhi, India

Pathak, Dev, Reviewer, Oxford University Press, India

Perera, Sasanka, Editor, *Society and Culture in South Asia*, 2015 to date; published by Sage and South Asian University, New Delhi, India

Perera, Sasanka, Member, Editorial Board, *Nivedini - Journal of Gender Studies*; 2015 to date; published by the Women's Educational and Research Centre, Colombo, Sri Lanka

Perera, Sasanka, Member, Editorial Board, *Cities, People, Places: An International Journal on Urban Environments*; 2015 to date; published by the Department of Architecture, University of Moratuwa, Sri Lanka

Perera, Sasanka, Co-editor of series, *Sociology and Anthropology Across Borders in South Asia*; 2015 to date; published by Sage, New Delhi, India

Perera, Sasanka, Co-editor of series, *Conversations on/for South Asia*; 2015 to date; published by Aakar Books and South Asian University, New Delhi, India

Perera, Sasanka, Member, Advisory Board, *The JMC Review: An Interdisciplinary Social Science Journal of Criticism, Practice and Theory*; 2015 to-date; published by Jesus and Mary College, University of Delhi, New Delhi, India

Shakya, Mallika, Associate Editor, *Studies in Nepali History and Society (SINHAS)*, Mandala Books, Kathmandu, Nepal, 2015 to date

Appointments to Memberships of National/International Bodies

Shakya, Mallika, Advisory Board Member, Nepal Economic Forum (2018-2021)

Perera, Sasanka, Member, International Research Committee, Regional Centre for Strategic Studies, Colombo, July 1, 2016 - June 30, 2018

Kumar, Ravi, External Expert Member, Research Committee of Centre for European and Latin American Studies, Jamia Millia Islamia, New Delhi, August 2017 to date



Publications

Books (single author)

Pathak, Dev Nath, *Living and Dying: Meanings in Maithili Folklore*, Delhi: Primus, ISBN 9789352902356

Shakya, Mallika, *Death of an Industry: The Cultural Politics of Garment Manufacturing during the Maoist Revolution in Nepal*: Cambridge/Delhi/Melbourne/Singapore/NY: Cambridge University Press, ISBN: 9781107191266

Edited Volumes

Pathak, Dev Nath and Perera, Sasanka, (ed.) *Culture and Politics in South Asia: Performative Communication*, Delhi: Routledge, ISBN 978-1138201132, 2018

Perera, Sasanka with **Ravi Kumar** and **Dev Nath Pathak**, (eds) *Sociology and Social Anthropology in South Asia: Histories and Practices*. New Delhi: Orient BlackSwan, ISBN 978-93-5287-381-4

Kumar, Ravi, (ed.) *Left Politics in South Asia: Reframing the Agenda*, New Delhi: Aakar Books, ISBN: 9789350025864

Article/Chapter in Book

Kumar, Ravi, 'Neoliberal Capitalism, Resistance and Crisis of the Left in India', in *Left Politics in South Asia: Reframing*

the Agenda, New Delhi: Aakar Books, pp.55-73, ISBN : 9789350025864

Kumar, Ravi, Introduction: 'Left Politics in South Asia: Reframing the Agenda', in *Left Politics in South Asia: Reframing the Agenda*, New Delhi: Aakar Books, pp. 1-12, ISBN: 9789350025864

Kumar, Ravi, with Sasanka Perera and Dev Pathak, 'Introduction: Towards a Regional Framework in Disciplinary History and Practices', in *Sociology and Social Anthropology in South Asia: Histories and Practices*, New Delhi & Hyderabad: Orient Blackswan, pp. 1-30, ISBN: 9789352873814

Kumar, Ravi, 'Neoliberal framework of higher education and the possibilities of doing critical sociology in India', *Sociology and Social Anthropology in South Asia: Histories and Practices*, New Delhi & Hyderabad: Orient Blackswan, pp. 146-167, ISBN: 9789352873814

Kumar, Ravi, 'When the Idea of Second Grade Education for Marginalised Becomes the Dominant Discourse: Context, Policy and Practice of Neoliberal Capitalism' in *The Wiley Handbook of Global Educational Reform*, New Jersey: Wiley Blackwell, pp. 413-434, ISBN: 9781119083078

Kumar, Ravi, 'Educational Project of Social Justice: The



Possibilities of Intervention against the Pedagogical Hegemony of Capitalism', in *Radical Imagine-Nation: Public Pedagogy & Praxis*, New York: Peter Lang, pp. 237-243, ISBN: 9781433143779

Kumar, Ravi 'The Radical Pedagogue that Demolished the Meaningless Borderlines of Academia', in *Politics: Essays in Tribute to Randhir Singh*, Delhi: Aakar Books, ISBN: 9789350025321

Pathak, Dev Nath with Sasanka Perera, "Introduction: towards an inconclusive scheme of performative communication", in *Culture and Politics in South Asia: Performative Communication*, Delhi: Routledge, pp. 1-26, ISBN 978-1138201132

Pathak, Dev Nath (with Avanti Chhatre), "Conflicting moralities of Indian nation: reasoning with Vijay Tendulkar's theatre", in *Culture and Politics in South Asia: Performative Communication*, Delhi: Routledge, ISBN 978-1138201132

Pathak, Dev Nath (with Sasanka Perera and Ravi Kumar), "Introduction: Exploring Possibility of A Regional Framework of Disciplinary History and Practices", in *Sociology and Social Anthropology in South Asia: Histories and Practices*, Delhi: Orient Blackswan, ISBN 978-9352873814

Article/Chapter in Journal

Basnet, Chudamani, "Ke Hindu dharma bahunbadko shrot ho? Dor Bahadur Bista ko fatalism and development pacchis barsh pachhi punaraddhyayan garda [Is Hinduism the Source of Brahmanism? Rereading DB Bista's Fatalism and Development after 25 years]". In *Samaj Addhyaan*, Volume 13, pp 121-140 [in Nepali]

Basnet, Chudamani, "Religion or Political Institutions? Revisiting D.B. Bista's Fatalism and Development Thesis after 25 Years". In *Studies in Nepali History and Society* Vo 23 Issue 1, pp 33-58

Datta, Ankur, 'Comment on 'Security and purity: Female surveillance, child vigilantism and the moral policing of deviant women in two radicalised Indian slums' By Atreyee Sen'. In *Current Anthropology* Vol 59, Issue 5, pp 561-563, ISSN 0011-3204

Datta, Ankur, (with Divya Vaid). 2018. 'Mind the Gap?: Navigating the Quantitative and the Qualitative in Survey

Research.' In *Studies in Indian Politics* Vol 6, Issue 1, pp 140-145, ISSN 23210230

Mehra, Diya, 'Mapping Mediated Politics: Some thoughts on the Indian Case', In *Studies in Indian Politics*, Vol. 6, Issue 2, December 2018, ISSN: 23210230

Pathak, Dev Nath, "Melodramatic South Asia: In Quest of Local Cinemas in the Region", *Journal of Human Values*, vol. 23, No. 3, pp. 111, 10.1177/0971685816689742

Pathak, Dev Nath (with Anakshi Pal), "Cinematic ambivalence on borders: ifs and buts of popular South Asia", *South Asian Cultural Studies*, special issue, pp. 44-61, ISSN 1749-6764 (<http://www.southasianculturalstudies.co.uk/journal-articles/latest/>)

Perera, Sasanka, 'Space as Political Text.' In *Economic and Political Weekly*, Vol. 53, Issue No. 50, 22 Dec, 2018

Perera, Sasanka, 'In Defense of Liminal Borders: Blurring the Divisions between Sociology and Social Anthropology in Practice', In, *Prathimana: Journal of the Department of Sociology, University of Ruhuna*, Vol. 11, 2017/2018, pp. 230-256

Keynote Addresses and Invited Talks

Basnet, Chudamani, "Subjectivity and Objectivity in Social Research" Presented at the Centre for Himalayan Studies, University of North Bengal, Siliguri, India, 13 December 2018

Kumar, Ravi, 'Institutional & Intellectual Autonomy in Federal Polity - An Alternative Vision' at National Seminar on 'The Crisis in Indian Education Strategy for an Alternative', organized by All India Forum for Right to Education at A N Sinha Institute of Social Studies, Patna, 22 September 2018

Kumar, Ravi, 'Transformative Criticality and a Pedagogical Framework of Transcendence' at 'International Conference on Critical Education and Activism Against Neoliberalism/Authoritarian Neoconservatism in Education, State and Society' organized by University of East London, 26 July 2018

Kumar, Ravi, 'How Higher Education has never been Autonomous: A Story of Continued Subsistence to the Hegemonic Politics at Symposium on 'Indian Higher Education: Recent Transitions in Public Policy and Future Prospects at Department of Education, University of Delhi,

14th March 2018

Mehra, Diya, Discussant, SAU-University of Chicago Workshop on 'Tracking the Politics of Culture', South Asian University, New Delhi, 5 December 2018

Mehra, Diya, Panelist, Panel discussion on Samaddar, R (ed.), 2018, *Migrants and the Neoliberal City*, Hyderabad: Orient Blackswan, South Asian University, New Delhi, 26 September 2018

Mehra, Diya, 'Jungpura Triptych: Striated settlements, Neighborhood activism, and Delhi's Residential Modernity'. Weekly colloquium, Centre for the Study of Social Systems (CSSS, JNU), New Delhi, 4 September 2018

Mehra, Diya, 'Reading Rural-Urban Entanglements via a small town: the case of Kullu', workshop on Rural Urban Entanglements in India, organized by Ambedkar University and University of Washington, New Delhi, 27-28 April 2018

Mehra, Diya, Panelist, 'Writing the neighbourhood / Mohalle se likhna', City Scripts workshop, Indian Institute of Habitat Studies, New Delhi, 10-12 March 2018

Mehra, Diya, 'Urban Segregation and Marginality: Some notes from Previous Research', National seminar on Urban Marginality, Social Policy and Education in India, National Institute of Educational Planning and Administration, New Delhi, 12-13 February 2018

Perera, Sasanka, 'Searching for Another South Asia: Towards a Non-hegemonic Imagination of the Region.' Lecture delivered at Asia Foundation, Colombo, 18 April 2018

Perera, Sasanka, 'Conversations with Ghosts of Buddhism and Vanishing Memories: Identity Politics, Violence and Failures of Formal Learning.' paper presented at the conference, 'Aspects of Religion and Everyday Life with special reference to India and Japan' at Dept. of Sociology, Delhi School of Economics, University of Delhi, 21 March 2018

Pathak, Dev Nath, "Culture and Politics in South Asia: *If Ganesha Beheaded Shiva!*" at Department of Sociology, Lucknow University, Lucknow, 19 May 2018

Pathak, Dev Nath, "Another South Asia: an invitation for Sociology today" at Department of Sociology, Sri Venkateswara College, University of Delhi, 16 March, 2018

Pathak, Dev Nath, "Performative Communication: Text(s), Subtext(s), & Context(s) of Cultural Politics", at Center for Comparative Literature, University of Hyderabad, Hyderabad, 28 March, 2018

Pathak, Dev Nath, "Performative Communication in Another South Asia", in a panel discussion at Teen Murty Nehru Memorial Museum and library, 27 March, 2018

Pathak, Dev Nath, "Another South Asia: Divulging the Secret" at Centre for Regional Studies, University of Hyderabad, Hyderabad, 28 March, 2018

Shakya, Mallika, "Garments and Maoists in Nepal: The Ethnic Politics of Class Movement Confronting Market Failure and National Transition" at JNU Invited Lecture Series organized by School of International Studies, Centre for International Politics, Organization and Disarmament (JNU), Delhi, 19 September 2018

Shakya, Mallika, "Writing of the book Death of an Industry" at Martin Chautari, Kathmandu" at Martin Chautari invited Lecture Series, Kathmandu, 26 June 2018

Papers Presented and Lectures Delivered

Basnet, Chudamani, "Crossing the Caste and Ethnic Boundaries: Love and Inter-marriage Between Madhesi Men and Pahadi Women in Southern Nepal," Presented at the Centre for Himalayan Studies, University of North Bengal, Siliguri, India, 12 December 2018

Basnet, Chudamani, "Middle Caste Politics in Nepal? Lessons from the Indian States of UP and Bihar." Presented at Martin Chautari Research Seminar, Kathmandu, 29 June, 2018

Basnet, Chudamani and Ratnakar Jha, "Gender Dynamics and Inter-marriage between Madhesi Men and Pahadi Women in Southern Nepal" Presented at Martin Chautari, Chautari Annual Conference 2018, Kathmandu, 22 April 2018

Datta, Ankur, 'Book Discussion - Towards the Refugee Diaspora', at 'Book Launch for *In Diasporic Lands: Tibetan Refugees and their Transformation since the exodus* by Sudeep Basu, published by Orient Blackswan, New Delhi', Organised by the GRFDT, JNU, 22 September 2018

Datta, Ankur, 'Movement, Placemaking and Belonging', 'Panel Discussion on Migration', organized BA Programme, Miranda House College, New Delhi, 14 September 2018

Datta, Ankur, 'Book Discussion', at 'Book Launch for Identity, Society and Transformative Social Categories by Debal Singha Roy, published by Sage, New Delhi', Organised by Sage, India International Centre, 30 May 2018

Datta, Ankur, 'We are the worst sufferers! Comparison as ethical claims in ethnographic fieldwork and writing', at 'Tracking the politics of culture: Ethnography and Political life', organised by the Faculty of Social Sciences, SAU, 5 December 2018

Kumar, Ravi, 'Critical Pedagogy: Exploring Avenues of Possible Engagement' at Refresher Course in 'Education on Transformative Teacher Education' at Jamia Millia Islamia, 6 December 2018

Kumar, Ravi, Panelist at Gargi College, University of Delhi for panel on 'EWS Children in Private Schools: Promises, Failures and Possibilities', Delhi, 29 September 2018

Kumar, Ravi, 'Development and Disappearance of the 'Commons': The Spectacle of Contemporary Capitalism' at Refresher Course at UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi, 14 September 2018

Kumar, Ravi, Expert for 'Consultation Meet on the Draft Higher Education Commission of India (Repeal of UGC Act) Act, 2018' organised by National Institute of Educational Planning and Administration, New Delhi, 11 July 2018

Kumar, Ravi, Resource Person for 'Capacity Building Workshop for Faculty members from Sherubtse College, Royal University of Bhutan held at Thimpu'. Made Presentation on two courses taught at Royal University of Bhutan: (1) Contemporary Social Theory; and (2) World Political History, 20-25 February 2018

Kumar, Ravi, 'Ethics of Research, Academic Writing and Publishing and Neoliberalism and Education at 10-Day Capacity Building Programme for the Faculties and Research Scholars of Social Sciences organised by Giri Institute of Development Studies and ICSSR, Lucknow, 13-14 February 2018

Pathak, Dev Nath, "Reading Second Sex in Primary Literature", at the conference Simone de Beauvoir: From Existentialism to Feminism, organized by Alliance Francaise de Delhi & Gandhi studies center, Jindal Global University, on 26 October 2018

Shakya, Mallika, "Being and Belonging at the Time of Crisis: A Reflection on Himalayanism" at the conference "Himalayan Studies and Interdisciplinarity", organized by University of North Bengal, Centre of Himalayan Studies Workshop, Siliguri (AUD), 11-12 December 2018

Shakya, Mallika, "A Tale of Himalayan Disasters: The Anti-Politics of Solidarity in the Time of Crisis" at the American Anthropological Association (AAA) 115th Annual Conference, panel organized by Mark Schuller and Mamyrh Prosper, Minneapolis (AUD), 15 November 2018

Shakya, Mallika, "An Anthropological Reading of the Policies of International Development: Export Competitiveness as a Conjunctural Case Study" at SAU seminar "Addressing Contemporary Challenges for International Organizations: Responses from the Global South", organized by International Relations Department, SAU, Delhi, 4 December 2018

Shakya, Mallika, "Reading Parijaat in Nepal: The Poetics of Radical Feminism of Self and Nation" at SAU conference "Gender, Populism and Rise of Extremism: Perspectives from Scandinavia and South Asia", organized by International Relations Department, SAU, Delhi, 19 November 2018

Shakya, Mallika, "Book Discussion: Death of an Industry -- The Cultural Politics of Garment Manufacturing during the Maoist Revolution in Nepal (author: Mallika Shakya)" at NexUs Culture Centre, Kathmandu [with Prista Ratanapruck of Harvard University and Deepti Sherchan of University of Illinois], 5 July 2018

Shakya, Mallika, "Book Discussion: Death of an Industry The Cultural Politics of Garment Manufacturing during the Maoist Revolution in Nepal (author: Mallika Shakya)" at Nepal Economic Forum, Kathmandu [with Diepak Elmer, Deputy Head of Mission of Swiss Development Cooperation, Krishna Gyawali, former Secretary of the Govt of Nepal and Sumana Shrestha, social entrepreneur], 25 June 2018

Shakya, Mallika, "Book launch: Death of an Industry The Cultural Politics of Garment Manufacturing during the Maoist Revolution in Nepal (author: Mallika Shakya)" at Nepal International Book Fair, Kathmandu [with Bishnu Rimal, Chief Adviser to PM KP Oli and Puranjan Acharya, Chief Adviser to the former PM GP Koirala], 5 June 2018

Visits of Scholars to the Faculty/Special Lectures

Sl. No.	Date	Subject/Topic	Speaker's Name with Affiliation
1.	01.02.2018 (Rickshaw Programme)	Meet the Author (Beyond Sociology)	Ananta Kumar Giri, Madras Institute of Development Studies
2.	07.02.2018	South Asian Regionalism: How we got to Delhi to- Dhaka from Kabul- to- Rangoon	Dr. Sagar Prasai, The Asia Foundation
3.	14.02.2018	Towards Understanding Food	Anjali Bhatia, Lady Shri Ram College, University of Delhi.
4.	19.03.2018	CCK seminar in IIC -2018 Race, Empire, Capitalism: Theorizing the Nexus	Nancy Fraser, Henry A & Louise Loeb Professor of Political & social Science The New School ,New York
5.	20.03.2018	CCK workshop in SAU, Capitalism, Crisis & Care	Nancy Fraser & Moderated by Maitrayee Chaudhuri(Prof. Centre for the Study of Social Systems, JNU)
6.	21.03.2018 (Cinema & Society)	A Walnut Tree	1)Mitu Varma, Director, HIMAL Film Southasia. 2)Rahul Roy, Film Maker and Producer
7.	26.03.2018 (Guest Lecture)	Quantitative Methods	Dr. Divya Vaid, Assistant Professor, JNU
8.	04.04.2018	Hegel Eyes South Asia	Rimina Mohapatra, Routledge, Taylor and Francis Group
9.	11.04.2018	Identities: Tales from Punjab & Banaras	Santosh Kumar singh, Ambedkar University Delhi
10.	16.04.2018 (Cinema & Society)	"Accsex"	Screening by: -Shweta Ghosh, Discussion :- Abha Khetarpal, President, Cross the Hurdles (A protagonist in the Film being Screened)
11.	25.04.2018 (Cinema & Society)	A Thin Wall	Directed By:- Mara Ahmed, Co- Producer & discussion:- Surbhi Dewan
12.	01.08.2018	From Purab to Paschim "Indianess" In Post Liberalistion Hindi cinema	Priyasha Kaul, Ambedkar University Delhi
13.	08.08.2018	Indian Intellectual traditions and social sciences: In search of transformative practices	Manindra Thakur, JNU
14.	27.08.2018 (Rickshaw Programme)	Farm to Fingers: The Culture and Politics of Food in Contemporary India	1)Kiranmayi Bhushi, School of Social Sciences, Indira Gandhi National Open University, New Delhi 2)Anjali Bhatia, Lady Sriram College, University of Delhi

15.	28.08.2018	Memories of Separation: An Oral History of the Partition of India and Pakistan	Pranav Kohli, PhD scholar from National University of Ireland
16.	29.08.2018	Raising the Curtain: Women Performers in Colonial South Asia	Lata Singh, JNU
17.	05.09.2018	On Shakespeare and Music	Susan Visvanathan, JNU
18.	06.09.2018 (Cinema & society)	Tyres	Gargi Sen, Film Maker and Director- Film Festival, Film Maker and Director- Film Festival
19.	10.09.2018 (Rickshaw Programme)	Meet the Author“ Language Politics and Public and Public Sphere in North India”	1)Mithilesh Kumar Jha (Author), Department of Humanities and Social Sciences Indian Institute of Technology(Guwahati) Panelists: 2)Apoorvanand, University of Delhi 3)Vagish K Jha, Educationist and Cultural Activist
20.	03.10.2018	Popular Art Today:- Reflections from Sufi Shrines of East Punjab	Yogesh Snehi, Ambedkar University Delhi
21.	04.10.2018 (Cinema & Society)	a) Please Mind The Gap b) A Safe Person To Talk To	Directors: Mital Trivedi and Gagandeep singh
22.	10.10.2018	From Padmavat, with Love: Cultural Politics in Literature	Purushottam Agrawal, Eminent Literary & Cultural Critique
23.	17.10.2018	Decolonizing Comparative Political Theory	Ashok Acharya, University of Delhi
24.	31.10.2018	On Nations and Sociology	Chaired by Prof. Sasanka Perera and Discussants Dr. Ravi Kumar and Dr. Dev Nath Pathak (speaker Mr.TK Oommen was absent)
25.	02.11.2018 (Rickshaw Programme)	Dhrupad Dost (Classical Musical Programme)	Arman Ali Dehlvi & Shivam Bhardwaj (Vocals), Rahul Sharma (Pakhavaj), Maliha Khan (Taanpura)
26.	16.11.2018 (Special lecture)	Ways of Seeing in Social sciences	Sadan jha, Historian, Centre For Social studies ,Surat
27.	04.12.2018 (Rickshaw Programme)	Sufiyana-Poetics and Performance	1)Dhruv Sangari, (Sufi Singer) 2)Yogesh Snehi, (Historian)
28.	04-06.12. 2018	Collaboration between the South Asian University and the University of Chicago, USA.	Prof. Lisa Weddeen, Mary R. Morton Professor of Political Science, University of Chicago.

Students' Achievements

Binit Gurung's, an alumnus of SAU MA Sociology and supervisee, MA thesis "Being Indian-Nepali in Delhi" published as a peer-reviewed article in the journal *Studies in Nepali History and Society* (SINHAS), vol. 23, no. 1, June 2018

Sandhya A.S., an alumna of SAU MA Sociology (2015) and MPhil Sociology (2017) has been granted admission in a fully-funded three-and-a-half-year doctoral program offered jointly by the Max Planck Institute for the Study of Societies (MPIfG) and the Faculty of Social Sciences at the University of Duisburg-Essen..

Following students defended their MPhil successfully:

Kumarapeli Arachchige Kaushalya Kumarasinghe, awarded MPhil degree on the thesis 'Codification of Love: Transformation of Erotic Love And Formation of Romantic Love in Sinhala Poetics'

Anakshi Pal, awarded MPhil degree on the thesis 'Is Dying Lonely? An Anthropological Study of a Hospice in South

Asia'

Shray Mehta, awarded MPhil degree on the thesis 'The Agrarian Question And India Sociology: The Missing Discourse'

Mumitha Madhu, awarded MPhil degree on the thesis 'Decoding Practices Of Taste: Imposition of Malabar Identity On Kerala Cuisine'

Ajmal Kamal, awarded MPhil degree on the thesis 'The Uses Of Community Regulation : Daryabadi's Public Censoring/Vigilante Campaigns Against Freethinkers Among Urdu Intellectuals During 1925-35'

Following students defended their PhD successfully:

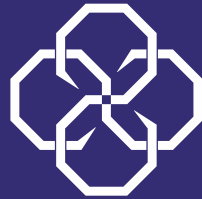
Krishna Prasad Pandey awarded PhD degree on the thesis 'Ethnic Identity and Everyday Life: Madhesis and Non-Madhesis in Nepal's Eastern Tarai'

Ratan Kumar Roy, awarded PhD degree on the thesis 'News and Audiences: An Ethnography of Television in Bangladesh'









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, 2017, 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

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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 auditor 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, 2017.

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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 31,2017;
 - 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

Ishani Mukherjee

CA Ishani Mukherjee
Partner
M.No-436517



Place- New Delhi

Dated- 07.09.2018

SOUTH ASIAN UNIVERSITY
Consolidated Balance sheet
BALANCE SHEET AS AT 31ST DECEMBER 2017

<u>CORPUS/CAPITAL FUND & LIABILITIES</u>	Schedule	Current Year	Amount (Rs.) Previous Year
Corpus Fund	1	380,151,506	232,173,807
Capital Fund		2,796,392,696	861,946,823
General Fund		172,746,523	136,062,440
Earmarked /Endowment Fund	2	(27,123,738)	(16,820,710)
Current Liabilities	3	2,277,615,276	1,074,517,345
TOTAL		5,599,782,262	2,287,879,705
<u>ASSETS</u>			
Fixed Assets Gross Block	4	3,064,437,249	1,102,112,080
Less: Depreciation till date		268,044,553	240,165,257
Net Assets		2,796,392,696	861,946,823
Current Assets	5	2,803,389,566	1,425,932,882
TOTAL		5,599,782,262	2,287,879,705
Significant Accounting Policies and Notes on Accounts	11	-	-

For Amit Ray & Co.,

Chartered Accountants

Ishani Mukherjee
CA Ishani Mukherjee
Partner

Membership Number: 436517

Firm No. 000483C

Place : New Delhi

Date: 07 - Sep - 2018



For South Asian University

Kashav Datt
CA Keshav Datt
(Dy. Director Finance)

K.A.D. Pushpakeerthi
Mr. K.A.D. Pushpakeerthi
(Director Finance)

Kavita A Sharma
Dr. Kavita A Sharma
(President)

**SOUTH ASIAN UNIVERSITY
CONSOLIDATED INCOME AND EXPENSES
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER 2017**

<u>INCOME</u>	Schedule	Current Year	(Amount - Rs.) Previous Year
Operational Contribution from Member States		553,356,226	513,353,198
Capital Contribution from Host State		255,067,014	242,860,517
Capital Fund Transferred (to the extent of Depreciation)	4	28,921,546	31,385,952
Academic Receipts	6	33,856,296	32,167,925
Other Income	7	2,871,856	1,171,480
TOTAL		874,072,938	820,939,072
<u>EXPENDITURE</u>			
Establishment Expenses	8	353,646,848	333,222,998
Other Administrative Expenses etc.	9	86,689,138	82,230,510
Academic Expenses	10	113,020,240	97,899,690
Infrastructure Renovation of Akbar Bhawan		-	2,383,553
Rent of Akbar bhawan		255,084,529	240,168,029
Loss on Sale of Assets		22,142	
Other Expenses		4,412	322,120
Depreciation: During the Year	4	28,921,546	31,385,952
TOTAL		837,388,855	787,612,852
Balance being surplus carried forward to General Fund	11	36,684,083	33,326,220

Significant Accounting Policies and Notes on Accounts

For Amit Ray & Co.
Chartered Accountants

(Signature)
CA Ishani Mukherjee
Partner
Membership Number: 436517
Firm No. 000483C
Place: New Delhi
Date: 07 - Sep - 2018



For South Asian University

(Signature)
CA Keshav Datt
(Dy. Director Finance)

(Signature)
Mr. K.A.D Pushpakeerthi
(Director Finance)

(Signature)
Dr. Kavita A Sharma
(President)

SOUTH ASIAN UNIVERSITY
Consolidated
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER 2017

RECEIPTS		Current Year	Previous Year	PAYMENTS		Current Year	Previous Year
I	Opening Balances						
II	Capital in hand	190,870	482,782				
III	Bank Balances						
	1. In Current accounts	47,874,024	12,072,871				
	2. In deposit accounts	938,879,033	817,567,964				
IV	Grants/Donations Received						
	Operational Contribution from SAARC Member States	408,278,187	712,808,218				
	Capital contribution from SAARC Head Member State	2,815,481,434	501,181,279				
VI	Interest Received						
VI	On Bank deposits	579,448,562	29,481,138				
VII	Academic Receipts						
	1. Fees from SAU Students	18,828,274	20,890,814				
VIII	Other Receipts						
	1. Other Capital fund Receipts	4,905,308	5,500,140				
	2. Security Deposit from Students	192,700	1,811,375				
	3. Security Deposit from vendors	964,748	110,889				
	4. Earned Deposit from vendors	2,828,000	17,562,197				
IX	SAARC Head Member Scholarships	12,520,252					
X	Research & Development project receipts	17,748,004	28,108,993				
XI	Other Misc Receipts						
	1. Other Misc Receipts	3,438,844	1,268,249				
	2. Advance from staff / students received	39,107	28,585				
	3. Advance for printer services received	3,432,215	15,122,862				
	4. Advance for printer services received MOA	3,195,871	9,187,643				
	5. UAT National fund (Dish Government)						
	6. Employees	1,658,683	1,988,028				
	7. Operational Accounts	1,268,143	1,031,525				
	8. Capital Account	11,993,649	391,034				
	9. Donations, Recovered from Vendors		18,242				
	10. Staff Advances Received						
	11. Vendor Fees		8,000				
	12. Sale Proceeds of Assets	48,210					
	TOTAL	4,488,298,882	2,314,951,862				
						4,488,298,882	2,314,951,862



For Ashi Raj & Co
Chartered Accountants
Member
Membership Number: 000483C
Firm No. 000483C
Place: New Delhi
Date: 07-20-2018

For South Asian University

[Signature]
CA Anshu Das M. K.A.B. Pruthi
(By Director Finance) (Director Finance) (President)

Members of Governing Board

1.	Afghanistan	<p>Mr. Abdul Tawab Balakarzai <i>Deputy Minister</i> Ministry of Higher Education Islamic Republic of Afghanistan Kabul, Afghanistan</p> <p>Mr. Amir Mohammad Ramin <i>Director General</i> Directorate General of Regional Cooperation Ministry of Foreign Affairs of Afghanistan Kabul, Afghanistan</p>	
2.	Bangladesh	<p>Prof. Abdul Mannan <i>Chairman</i> University Grants Commission Agargaon, Sher-e-Bangla Nagar Dhaka-1207, Bangladesh</p> <p>Mr. Md. Shamsul Haque <i>Director General (SAARC & BIMSTEC)</i> Ministry of Foreign Affairs Segunbagicha, Dhaka, Bangladesh</p>	
3.	Bhutan	<p>Mr. Rinchen Kuentsyl <i>Director</i> Dept. of SAARC & Regional Organizations, Ministry of Foreign Affairs, Thimphu</p> <p>Mr. Sangye Chewang <i>Chief of the Division</i> Dept. of SAARC & Regional Organizations, Ministry of Foreign Affairs, Thimphu</p> <p>Ms. Kesang Choden Dorji <i>Director</i> Department of Adult and Higher Education Ministry of Education Royal Government of Bhutan Thimphu, Bhutan</p>	<p>w.e.f. 13.12.2018</p> <p>up to 13.12.2018</p>

4.	India	<p>Mr. Piyush Srivastava <i>Joint Secretary (SAARC)</i> Ministry of External Affairs Government of India Jawaharlal Nehru Bhawan Janpath, New Delhi</p> <p>Mr. Prashant Agrawal <i>Joint Secretary (SAARC & BC)</i> Ministry of External Affairs Government of India New Delhi</p>	
5.	Maldives	<p>Dr. Abdulla Nazeer Minister of State for Education Ministry of Education 9th Floor Ma. Edhuruhiya, Falhumathy Magu, Republic of Maldives Male' 20096</p> <p>Dr. Mohamed Latheef <i>Chancellor</i> The Maldives National University Male, Republic of Maldives</p>	
6.	Nepal	<p>Mr. Mani Prasad Bhattarai <i>Joint Secretary</i> Regional Organization Division, Ministry of Foreign Affairs Government of Nepal Kathmandu, Nepal</p> <p>Prof. Dr. Parashar Prasad Koirala <i>Chairperson</i> University Grants Commission Sanothimi, Bhaktapur Kathmandu, Nepal</p>	
7.	Pakistan	<p>Prof. Dr. Mukhtar Ahmed <i>Executive Director</i> Higher Education Commission Islamabad, Pakistan</p> <p>Dr. Zafar Iqbal <i>Director (SAARC)</i> Ministry of Foreign Affairs, Foreign Office Building, Constitution Avenue, G-5, Islamabad, Pakistan</p>	

8.	Sri Lanka	<p>Prof. Mohan de Silva <i>Chairman</i> University Grants Commission Colombo</p> <p>Ms. Y. Gunasekera <i>Director General, SAARC</i> Ministry of Foreign Affairs Colombo 1, Sri Lanka</p> <p>Prof. P.S.M. Gunaratne <i>Vice Chairman</i> University Grants Commission Colombo</p>	<p>w.e.f. 27.07.2018</p> <p>up to 27.07.2018</p>
9.	SAARC Secretariat	<p>SAARC Secretary General <i>(or his/her Representative)</i> H.E. Mr. Amjad Hussain B. Sial SAARC Secretary General SAARC Secretariat Kathmandu, Nepal</p>	
10.	South Asian University	<p>Dr. Kavita A. Sharma <i>President</i> South Asian University New Delhi</p> <p>Dr. A. K. Malik <i>Registrar & Secretary, Governing Board,</i> South Asian University New Delhi</p>	

Members of Executive Council

1.	Dr. Kavita A. Sharma President, SAU-Chairperson	
2.	Prof. L.A. Sasanka Perera Vice President & Dean, FSS-SAU (Also as Chairperson, Library Committee)	
3.	Prof. Santosh C. Panda Vice President & Dean, FE-SAU	
4.	Mr. Hamidullah Farooqi Chancellor of Kabul University and Advisor Minister to the President of the Islamic Republic of Afghanistan on Higher Education Kabul University Campus, Kabul, Afghanistan	
5.	Dr. Mohammad Farashuddin Founder President and Vice-Chancellor of East West University and Former Governor of Bangladesh Bank, Dhaka, Bangladesh	
6.	Prof. Nidup Dorji Vice Chancellor Royal University of Bhutan, Thimphu, Bhutan	
7.	Mr. Piyush Srivastava Joint Secretary (BIMSTEC & SAARC) Ministry of External Affairs, Govt. of India, New Delhi-110011	
8.	Prof. Sanjay Chaturvedi Dean, FSS-SAU	w.e.f. 29.08.2018
9.	Prof. R.K. Mohanty Dean, FMCS-SAU	
10.	Dr. A.K. Malik Registrar, SAU & Non-voting Member Secretary	
11.	Mr. K A D Pushpakeerthi Director-Finance & Non-Voting Member	w.e.f. 01.06.2018
12.	Mr. Wasim Ahmed Director-Finance & Non-Voting Member w.e.f. 1.06.2018	up to 02.2.2018

Members of Academic Council

	Dr. Kavita A. Sharma <i>President, SAU-Chairperson</i>	
2.	Prof. L.A. Sasanka Perera <i>Vice President & Dean, FSS-SAU</i> (Also as Chairperson, Library Committee)	
3.	Prof. Santosh C. Panda <i>Vice President & Dean, FE-SAU</i>	
4.	Prof. Ranjan Kumar Mohanty <i>Dean, FMCS, SAU</i>	
5.	Dr. Ritu Gaur <i>Associate Dean, FLSB-SAU</i>	
6.	Dr. Ravindra Pratap <i>Associate Dean, FLS-SAU</i>	
7.	Prof. Syed Ahsan <i>Visiting Professor, FE-SAU</i>	upto 16.12.2018
8.	Prof. Sanjay Chaturvedi <i>Chairperson, Dept. of International Relations, FSS-SAU</i>	w.e.f 21.06.2018
9.	Dr. Muhammad Abulaish <i>Chairperson, Dept. of Computer Science, FMCS-SAU</i>	
10.	Dr. Kapil Kumar Sharma <i>Chairperson, Dept. of Mathematics, FMCS-SAU</i>	w.e.f 11.05.2018
11.	Dr. Deepa Sinha <i>Chairperson, Dept. of Mathematics, FMCS-SAU</i>	upto 10.05.2018
12.	Dr. Ravi Kumar <i>Associate Professor, Dept. of Sociology, FSS-SAU</i>	
13.	Dr. Sunil Kumar <i>Associate Professor, FE-SAU</i>	
14.	Dr. Senthil K. Venugopal <i>Associate Professor, FLSB-SAU</i>	
15.	Dr. Pranab K. Muhuri <i>Associate Professor, Department of Computer Science, FMCS-SAU</i>	
16.	Dr. A.K. Malik <i>Registrar & Non-voting Member Secretary</i>	

Members of the Finance Committee

1.	Dr. Kavita A. Sharma Chairperson <i>President</i> South Asian University New Delhi
2.	Prof. Santosh C. Panda <i>Vice President and Dean F.E</i> South Asian University New Delhi
3.	Prof. Sasanka Perera <i>Vice President and Dean FSS</i> South Asian University New Delhi
4.	Prof. Abdul Mannan <i>Chairman, University Grants Commission</i> Bangladesh.
5.	Ms. Nasira Moosa <i>Lecturer, Maldives National University</i> Male, Maldives.
6.	Mr. Bijay Raj Ghimire (CA) <i>G&G Associates, Chartered Accountants,</i> Kathmandu, Nepal.
7.	Dr. A.K. Malik <i>Registrar</i> South Asian University New Delhi Non-voting Member
8.	Mr. K.A.D Pushpakeerthi <i>Director Finance</i> South Asian University New Delhi Non-voting Member/ Secretary



South Asian University

(A University established by SAARC nations)

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