

SAU
SOUTH ASIAN
UNIVERSITY



2012

ANNUAL REPORT





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SOUTH ASIAN UNIVERSITY: CONCEPT TO PRACTICE



With two fifths of the world's population, South Asia is one of the important regions of the world today. At a time when mutual distrust of the present creates such a tense atmosphere that blurs the glories of the shared past, can this region collectively do something that the whole world would sit up and take notice of? Something tangibly incredible that takes forward what the region's all inclusive body, SAARC has been striving to achieve – peaceful co-existence. Something that goes way beyond the routine diplomatic measures that the nations of this region have been practising for years.

South Asian University, born out of a noble yet extraordinarily unique idea, is fast gaining grounds to become this certain “something”. Envisaged as a centre of excellence, South Asian University is a distinct academic initiative for developing people-to-people contacts, mutual respect and common understanding among the people of the region.

Already into its third academic year, SAU continues to provide a world-class educational experience to a mixed group of students from different nations and allow them to appreciate one another's points of view and, in the process, enrich considerably from the international exposure the university provides. This is something that will help meet one of the most important objectives of the university i.e. evolving a South Asian consciousness among the students from the whole of South Asia.

The year that has gone by was hugely eventful and of great significance to South Asian University. Just to mention a few : our first cohort passed out with their degrees in Development Economics; all offices and facilities have successfully been relocated to our present campus at Akbar Bhawan; a new programme of study (Applied Mathematics) was introduced; and all necessary arrangements to kick start Doctoral programmes from this year are underway. Also, we have made encouraging progress towards the construction of our campus at Maidan Garhi. The university has also been successful in drawing the very best SAARC academics working in and outside the Region as its faculty members. We have seen a response that can only be termed phenomenal by any standard to the advertisements taken out to recruit faculty members last year. The university has to make sure it draws the best talents to live up to its vision of making South Asian University a leading centre of excellence for learning in the region.

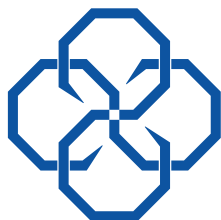
Becoming the focal point for the search for common ground and socio-economic development of South Asia is another aspiration of this international university. An Institute of South Asian Studies, specifically dedicated to this cause, would soon be an integral part of SAU. The upcoming institute will be a formidable think-tank, on regional and global issues, that will usher in common understandings and common development visions that, in turn, will enhance regional consciousness, on an enduring basis that, again, in its own turn, would add realism and do-ability of geo-political strategies. It is quite heart-warming, even though the university is in its nascent

stage, to have evidenced the most important value that we aim to inculcate in them - regional consciousness on many an occasion. A most touching, but deeply gratifying, moment visited us a few months back when the Pakistani and the Indian students at SAU, celebrated together the Independence Day of their respective countries.

In such a short period of its existence, South Asian University has taken such heartening strides that anybody will feel the commitment with which the varsity is moving ahead in every aspect. Being able to put together such a strong team of faculty members comparable to that of the best universities in the world and fast becoming an institution of preference for thousands of students from this region, the university sure knows it is heading towards where it needs to be – excellence.

South Asian University, I am sure, will be a seed-bed for producing goodwill ambassadors, who would not see individual country-problems in their narrow connotations but as challenges to the Region at large. People-to-people contact, in the form of a strong and forward-looking academic institution, is thus something worth trying. We must invest our faith in the youth of today. Who knows, some of them will be responsible for shaping the future destiny of their nations and people and if they are groomed in an open, liberated and give-and-take academic atmosphere, the seeds for thinking right, doing right and persuading others to follow suit are fully sown.

Prof. GK Chadha
President





2012: A YEAR OF ALL-ROUND PROGRESS



The operation of the South Asian University in Akbar Bhawan started in full earnest in the year 2012. In the third academic session of the university that started in July 2012, a new academic programme (M.Sc. Applied Mathematics) was introduced in addition to the seven on-going academic programmes. Eight faculty members were recruited for the Mathematics Department to run the new academic programme. Fresh faculty was also recruited in other pre-existing departments bringing the total faculty strength to about 60. Special efforts were made to recruit competent faculty members from various SAARC countries and as a result we could recruit five new faculty members from countries such as Bangladesh, Nepal and Pakistan. The University could also recruit a few senior administrators from countries such as Bhutan, Pakistan and Sri Lanka. Around one-half of the student population at SAU, currently a little over 300, comes from SAARC countries outside India, making the University truly a mini-South Asia. The basic aim of inculcating the spirit of cooperation and ability to work together seem to be taking strong roots in SAU, and that is a healthy and highly gratifying landmark for SAU.

Student hostels in Akbar Bhawan became functional in April 2012 and all eligible students were accommodated. A student mess started functioning on the first floor and the 10 floor building of Akbar Bhawan started humming with vibrant life and fulfilling activities. The Library was shifted to a more spacious location on the ground floor. Biotechnology research laboratories were established on the first floor and all necessary research equipment was procured in time. Building laboratories is a highly time consuming activity but we were able to do so in record time. With the planned expansion of these facilities, the Faculty of Life Sciences and Biotechnology will be amongst the state of the art laboratories in the whole region.

Our very first batch of MA (Development Economics) passed out in May 2012 and a special degree giving function was organized in which the Honourable High Commissioner of Bangladesh, Mr. Tariq Ahmad Karim, was the Chief Guest. Academic activities of various departments have picked up well. All departments have launched regular guest speaker programmes which are received by the SAU student community, both with excitement and curiosity. Department of International Relations worked hard to design a new two-credit course entitled “Introduction to South Asia”, which is being started from January 2013. This course would be compulsory for all SAU students. Plans were also finalised and ground-work laid for introducing Ph.D. programme in all the SAU departments. It is hoped that the first batch of Ph.D. students will be admitted from July 2013.

In SAU, a dream has taken birth that will go from strength to strength in the coming years and would make significant contribution to the progress of the South Asian region.

Prof. Rajiv K. Saxena
Vice 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. The board is primarily responsible for the liaison with the SAARC Secretariat and SAARC Member States. 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. The composition of the Governing Board of the South Asian University is given in Annexure-I. The Pakistan Government is yet to send its nominees to the SAU Governing Board Meeting.



During the period under report, two meetings of the Governing Board were held on 09.03.2012 and 04.12.2012. Some of the important decisions approved in the Governing Board meetings under report, are as follows:

- The Annual Report of the University for the years 2010 and 2011
- Revised cost estimates of campus construction
- Budget estimates for the financial years 2012 and 2013
- Nomination of experts for various selection committees for appointment of teachers and officers of the University
- Introduction of new Master's level programmes in (I) Public Health and (ii) Applied Mathematics
- Minor amendments in Rules & Regulations and Bye-laws of the University



EXECUTIVE COUNCIL (EC)

The Executive Council (EC) of SAU is the prime body responsible for major executive decisions. Besides senior functionaries of SAU, the EC has four members who are nominated by the SAARC member states by rotation. The President of SAU chairs the EC meetings. The Executive Council is vested with the powers to make teaching and other senior administrative appointments on the recommendation of the selection committees, fix their emoluments and define their duties. The Executive Council is also vested with the powers to maintain discipline amongst the teaching and non-teaching staff in accordance with Rules & Regulations and Bye-laws. It also manages and regulates finances, accounts and other administrative affairs of the University. The composition of the Executive Council of the South Asian University is given in Annexure-II.

The Executive Council meetings were held three times during the year under report on 24.02.2012, 19.07.2012 and 19.11.2012. The Council deliberated upon various administrative and academic matters, and took important decisions. Some of the important decisions considered and approved by the Council are as follows:

- The recommendations of various selection committees for appointment of various faculty members and senior officers of the University
- Award of medals to recognise merit of SAU students
- Introduction of Ph.D. programmes of SAU
- Store and Purchase Rules
- Appointment of Project Management Consultant for SAU Project
- Annual Accounts of the University for the year 2010 and 2011

ACADEMIC COUNCIL (AC)

The Academic Council (AC) is the custodian of academic activities of the SAU. It is vested with powers to propose establish and abolish Faculties, Departments, Institutions, Inter-disciplinary Research Centres, Specialised Laboratories and Libraries, etc. The Academic Council is also vested with the powers to recommend to the Executive Council the creation and abolition of teaching posts in the University, draft regulations on admission and examinations, appoint examiners, confer honorary degrees and recommend institution of fellowships and scholarships, etc. The composition of the Academic Council of the South Asian University is given in Annexure-III.

The Academic Council deliberated upon various academic matters in its two meetings held on 03.02.2012 and 15.10.2012. It also noted the factual data of admissions of various programmes of studies in the University in the academic year 2012-13.

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 composition of the Finance Committee of SAU is given in Annexure-IV.

The Finance Committee deliberated upon various financial matters in its two meetings held on 10.02.2012 and 12.10.2012.

The Finance Committee approved the budget estimates of the University for the year 2013, i.e. (i) Revised Estimates for the financial year 2012 at US\$ 4.9 million for operational budget and US \$ 7.067 million for capital budget and (ii) the budget estimates of the University for the financial year 2013 for US\$ 102.468 million (US\$ 18.660 for operational budget and US\$ 83.808 for capital budget).

SAU ADMINISTRATION

The SAU is a newly born University and at present administrative support is provided by a skeletal staff. Currently, there are only 31 non-teaching employees in the University. At any time, the head of SAARC would be the Visitor of the SAU. Prof. G. K. Chadha is the President of the University and Prof. R. K. Saxena is the Vice President. At the Faculty level, administrative responsibilities are also shared by the Deans of various Faculties. Dr. A. K. Malik is the Registrar of the University.

Key University Functionaries



Prof. GK Chadha
President



Prof. Rajiv K. Saxena
Vice President & Dean, FLSB



Prof. Sasanka Perera
Dean, FSS



Prof. Yogesh Tyagi
Dean, FLS



Prof. Ranjan K. Mohanty
Dean, FMCS



Dr. Anirban Dasgupta
Asso. Dean, FE



Dr. Siddharth Mallavarapu
Chairperson, DIR



Dr. Divakar S. Yadav
Chairperson, DCS



Prof. Rajen Harshe
Chairman, Library Committee



Dr. AK Malik
Registrar



Mr. Keshav Datt
Dy. Dir. Finance



Mr. Anwar Ul Haq
Dy. Registrar



Prof. Harish Narang
Sr. Consultant



Mr. JS Baweja
Coordinator



Mr. B. Bose
Consultant



Dr. Vineet Ghildyal
Asst. Dir. ICT



Ms. Manori Bandara
Asst. Dir. Infrastructure



Mr. Hemant Mansharamani
Asst. Dir. HSS



Mr. Hari Prakash Mandal
Asst. Registrar



Mr. Aheibam Prahlad
PRO



Dr. Priyadarshini
Medical Officer



Mr. Abdullah Al Modabber
Asst. Librarian



UNIVERSITY FINANCES

The capital cost of establishing the South Asian University estimated originally to be roughly 300 million US dollars for the first phase (2010-14), as per the Inter-Governmental agreement on South Asian University, is to be completely borne by the Government of India. In addition, the Government of India has also provided free of cost, 100 acre plot of land in South Delhi for setting up the main campus of the University. Operational cost of running the University is shared, on year-to-year basis, by all SAARC Member States and the contribution of individual Member States is governed by a formula that has jointly been evolved by the eight countries. Business Plan of the University that contains the University budget figures has been approved by the Governing Board of the University.

The operational and capital budgets for the year 2012 were US\$ 1.18 million and US\$4.55 million respectively.

MAJOR HIGHLIGHTS OF THE YEAR

UNIVERSITY CALENDAR:

The university followed the academic calendar as approved by its Governing Board.

Monsoon Semester: July 26 to December 10

Winter Semester: January 11 to May 25

The admission cycle adopted in this academic year was as follows.

- | | | |
|----|--|--|
| 1. | Release of admission announcement | February 29, 2012 |
| 2. | Last date for receipt of completed forms | April 16, 2012 |
| 3. | Conduct of entrance test | May 27, 2012 |
| 4. | Declaration of test results | June 16, 2012 |
| 5. | Deadline for admission registration | July 31, 2012 |
| | | August 14, 2012 (<i>with late fee</i>) |
| 6. | Commencement of academic session | July 26, 2012 |



SHIFTING OF HOSTELS & CLASSROOMS

After the completion of renovations on the 5th, 6th and 7th floors of Akbar Bhawan Building, the temporary hostel accommodation arranged initially at the Centaur Hotel was entirely shifted to Akbar Bhawan in April/May 2012 for boys and girls.

Classes of MCA, which were being conducted at the Old JNU Campus, were also shifted to Akbar Bhawan and with it, South Asian University completed the exercise of putting all its operations under one roof.

MESS & HOSTEL COMMITTEE ELECTION

An election to elect the student members of Mess and Hostel Committees was conducted on October 4, 2012 under the guidance of Dr. Divakar Singh Yadav, Assistant Dean – Student Welfare in SAU campus. The election was conducted in such a way to ensure representation of students from each country of the SAARC.

HOSTEL MESS

Hygienic food is one of the pre-requisites of a healthy body and thereby a healthy mind. In line with the shifting of the hostels in Akbar Bhawan, a full-fledged hostel mess was inaugurated in the university building that serves quality-checked food including breakfast, lunch and dinner. Snacks and beverages are also made available in the mess that caters to the students as well as the staff.

GUEST HOUSE

Even though the university is facing acute space problems, SAU has considerably dedicated five rooms on the fifth floor of Akbar Bhawan as guest rooms. These guest rooms are meant for visiting lecturers, official guests and also serve as a stop-gap arrangement for new staff members joining from outstation.

FIRST DEGREE DISTRIBUTION CEREMONY

The First Batch of 22 students, who had joined the University in August 2010, successfully passed their Master's Degree Examination in Development Economics during May 2012. On this occasion, a small function for distributing degrees to the passing out students was organised by the University on 22nd May 2012 in FSI Hall of Akbar Bhawan. His Excellency, Mr. Taiq A. Karim, the High Commissioner of Bangladesh in India, was invited as the Chief Guest, who distributed Degree Certificates to the “passing-out students” and also addressed the gathering.

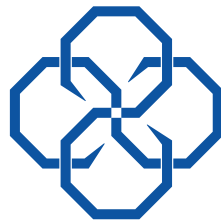


SAARC SECRETARY GENERAL, H.E. AHMED SALEEM'S VISIT TO SOUTH ASIAN UNIVERSITY

A welcome event was organised by the South Asian University on September 12, 2012 in honour of H.E. Ahmed Saleem, Secretary General, SAARC at the FSI Hall in the South Asian University campus. The function was attended by all administrative staff, the faculty members and students of SAU. In his welcome speech, Prof. GK Chadha, President, SAU presented a brief perspective about the latest developments at the university and how the university was coping with the initial difficulties start-up universities usually face. He also shared with the visiting dignitary his pleasure of the fact that the University had been successful in attracting world-class talents for its faculties.

His Excellency in his speech hailed the very idea of setting up of SAU and described it as “a very honourable idea.” He further thanked the Government of India for bearing the entire capital cost for the University. He further opined that “projects and institutions like SAU make the concept of SAARC successful.”

The visiting dignitary was given a detailed presentation on the upcoming campus at Maidan Garhi by the architects who designed the entire 100 acre campus. Later His Excellency visited the university library and some of the labs of the University.



ACADEMIC PROGRAMMES AND ADMISSIONS

PROGRAMMES OF STUDY

The highlighting feature of the academic year 2012-13, as far as academic programmes are concerned, was the introduction of M. Sc. Applied Mathematics. With this new programme of study, a total of 8 programmes of study under the year under report are being offered. Master of Computer Applications will be summarily discontinued after the present batch of MCA students pass out in 2013.

For the year under report, the University inducted fresh students for the following Post Graduate Programmes

M.Sc. Applied Mathematics

M.Sc. Biotechnology

M.Sc. Computer Science

M.A. Development Economics

M.A. International Relations

M.A. Sociology

LL.M.

The Governing Board has given the final nod to introduce Ph.D. programmes from the academic year of 2013 that will begin in July 2013.

ADMISSIONS

Admission advertisement campaign was carried in major newspapers of all SAARC countries. The university website also featured the details of the admission process, eligibility criteria and other related information.

Downloadable application forms were made available on the SAU website so that the students could take a print out, fill it up and send it to the University. Only after each application was thoroughly scrutinised to ensure that each applicant met the minimum qualification to appear for the entrance test, admit cards for the entrance test were dispatched by email. A common entrance test was conducted successfully in each of the 8 Member States on 27 May, 2012. One test centre each was set up in Afghanistan (Kabul), Bangladesh (Dhaka), Bhutan (Thimphu), Maldives (Male), Nepal (Kathmandu), Pakistan (Lahore) and Sri Lanka (Colombo). Understanding the large number of candidates and the wide geographical spread, 11 test centres were set up at different cities in India - Bangalore, Chandigarh, Chennai, Delhi, Hyderabad, Jaipur, Kolkata, Lucknow, Mumbai and Patna.



Most SAARC Member States had appointed Nodal Points 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 Point in each Member State. Since Pakistan did not appoint a Nodal Point, the University had to make private arrangements in Beaconhouse National University in Lahore for the entrance test.

A total number of 2320 candidates had applied of which 2263 were found eligible for the entrance test. Of these, 1748 actually appeared in the test and 1491 qualified the admission test. Offer of admission was sent to 299 candidates as per the University quota system.

Country-wise Quota for students from SAARC Countries

| COUNTRY | OVERALL SEAT QUOTA |
|-------------------------|-------------------------|
| India | Not more than 50% seats |
| Pakistan | 10% |
| Bangladesh | 10% |
| Afghanistan | 4% |
| Bhutan | 4% |
| Maldives | 4% |
| Nepal | 4% |
| Sri Lanka | 4% |
| Countries outside SAARC | 10% |

Merit lists are prepared country-wise and the competition is only amongst candidates within each country; and seats left unfilled for any country are filled by students from other countries, as per SAU rules.

| Course | Batch Admitted in 2010 | Batch Admitted in 2011 | Batch Admitted in 2012 | Total Enrolled |
|------------------------------|------------------------|------------------------|------------------------|----------------|
| M.C.A. | 15 | – | – | 15 |
| MA (Development Economics) | 25* | 23 | 29 | 52 |
| MA (International Relations) | | 21 | 28 | 49 |
| MA (Sociology) | | 15 | 21 | 36 |
| LL.M. | | 28 | 29 | 57 |
| M.Sc. (Biotechnology) | | 29 | 25 | 54 |
| M.Sc. (Computer Science) | | 22 | 26 | 48 |
| M.Sc. (Applied Mathematics) | | – | 12 | 12 |
| Total | | 153 | 170 | 323 |

Country-wise figures of students on rolls :

Afghanistan : 31 Bangladesh : 51 Bhutan : 05 Maldives : 02 Nepal : 32 Pakistan : 15 Sri Lanka : 12
 Eriterea : 01 (Non-SAARC country) India : 174 **Total: 323**

**First batch of MA Development Economics students passed out in May 2012.*

Statement showing the number of students who applied, offered admission and who finally joined
different courses during the Academic Year 2012-13

| Country | M.A.(Dev. Economics) | | | M.A. (Int'l Relations) | | | M.A. (Sociology) | | | LL.M. (Master of Laws) | | | M.Sc. (Biotechnology) | | | M.Sc. (Computer Science) | | | M.Sc. (Applied Mathematics) | | |
|-----------------------------|---------------------------|----------------------|----------------|---------------------------|----------------------|----------------|---------------------------|----------------------|----------------|---------------------------|----------------------|----------------|---------------------------|----------------------|----------------|---------------------------|----------------------|----------------|-----------------------------|----------------------|----------------|
| | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined | No. of candidates Applied | No. of seats offered | No. who joined |
| Afghanistan | 66 | 12 | 5 | 61 | 12 | 2 | 5 | 3 | 1 | 13 | 5 | 2 | 4 | – | – | 34 | 5 | 4 | 1 | – | – |
| Bangladesh | 21 | 11 | 4 | 27 | 11 | 5 | 11 | 5 | 3 | 12 | 5 | 1 | 20 | 13 | 5 | 23 | 9 | 4 | 3 | 2 | 2 |
| Bhutan | 2 | 2 | – | 5 | 1 | 1 | 2 | 1 | 1 | – | – | – | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 |
| Maldives | 2 | – | – | 4 | 3 | – | 1 | – | – | 1 | – | – | 1 | – | – | 1 | 1 | 1 | – | – | – |
| Nepal | 27 | 14 | 3 | 43 | 21 | 4 | 11 | 8 | 3 | 4 | – | – | 25 | 19 | 4 | 11 | 5 | 3 | 4 | 1 | 1 |
| Pakistan | 13 | 3 | 2 | 5 | 1 | – | 5 | 2 | – | 11 | 6 | 3 | 7 | 1 | 1 | 5 | 2 | 2 | – | – | – |
| Sri Lanka | 4 | 1 | 1 | 8 | 4 | 2 | 4 | 2 | 1 | 5 | 2 | 1 | 2 | 2 | 1 | 5 | 1 | 1 | – | – | – |
| India | 512 | 57 | 14 | 426 | 41 | 14 | 129 | 48 | 12 | 238 | 30 | 21 | 287 | 41 | 13 | 163 | 60 | 10 | 41 | 17 | 8 |
| Eritrea (Non-SAARC Country) | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | |
| Total : | 647 | 100 | 29 | 579 | 94 | 28 | 168 | 69 | 21 | 285 | 49 | 29 | 347 | 77 | 25 | 244 | 84 | 26 | 51 | 21 | 12 |

Total number of students who joined :170



SCHOLARSHIPS

The South Asian University is committed to awarding scholarships/financial support to the needy and deserving students. As against 30 “Silver Jubilee Scholarships” offered last year, the Govt. of India, from the year 2012 onwards increased the number of Silver Jubilee scholarships from existing 30 to 100 (75 for Master's level students and 25 for Ph.D. students) coming from Least Developed SAARC Countries (i.e. Afghanistan, Bangladesh, Bhutan, Maldives, and Nepal). Since the University is gearing up to start Ph.D. program from the year 2013 onwards, Silver Jubilee Scholarships earmarked for Ph.D. students have been kept in abeyance.

After the admission process for the year 2012-13 was over, applications were invited from students for grant of scholarship/financial support. In response, 260 students applied. All the students who had applied for scholarship, were invited for face-to-face interview before the Scholarship Committee so as to assess the quantum of financial aid that would enable each applicant to continue his/her studies at SAU without undue financial hardship.

As per recommendations of the Scholarship Committee, number of country-wise students who were granted scholarship/financial support for the year 2012-13 are: Afghanistan-30; Bangladesh- 46; Bhutan-5; Maldives-2; Nepal:29; Pakistan-12; Sri Lanka-10; India-122. Thus, out of a total 260 students who had applied for scholarship, 256 have been granted varied quantum of scholarship/financial support. One student did not turn up for interview, whereas in the case of three students, the Scholarship Committee did not recommend grant of scholarship.

In all, 80 Master's level students belonging to Least Developed SAARC Countries were recommended for grant of “Full Scholarship”, out of which, 75 students have been granted Govt. of India's “Silver Jubilee Scholarship” whereas the remaining 5 students have been granted “Full Scholarship” out of SAU's own funds. Similarly, remaining 175 students have been granted varied quantum of scholarship/financial support out of SAU's Scholarship Budget Head. “Silver Jubilee” and “Full Scholarship” covers : full Tuition Fee Waiver; plus Living Allowance of Indian Rupees 1,28,000 per year; plus full Hostel Room Rent Waiver, whereas grant of partial financial support covers full/part Tuition Fee Waiver; plus Living Allowance ranging from Indian Rupees 17,000 to 86,000per year; plus full Hostel Room Rent Waiver.

President Scholarship: In deference to the decision of the Academic Council, the University, from the academic year 2012, has instituted “President Scholarship”, to be awarded to all those students who top in their respective country-wise merit list of Entrance Test in each individual course provided their rank falls within 10 percentile of the total number of candidates appearing in the Entrance Test and securing minimum prescribed qualifying marks. Under this category, 10 students, who topped the respective merit lists, have been awarded “President Scholarship”. The President Scholarship carries an amount equivalent to Silver Jubilee/Full Scholarship. In all, 10 President Scholarships were awarded. Details of country-wise students who have been awarded “President Scholarship” are: Bangladesh-1; Bhutan-1; Nepal-3; Sri Lanka-1; India-4.

In addition, all students who have been granted scholarship/financial support, also receive an amount of US\$ 200 (non-Indian students), and US\$ 100 (for Indian students) respectively, towards Start-up Allowance in order to meet part of their travel cost and books-purchase allowance.





STUDENT ACTIVITIES

CULTURAL ACTIVITIES

Being a melting pot of cultures of the diverse South Asian region, South Asian University witnesses creative expression of this diversity in its campus. Apart from cultural events of varying forms and magnitudes at the university campus, the students of SAU participate on cultural programmes outside the university as well. Student-formed culture clubs like theatre club and music club take active roles in organising cultural events in the campus.

INDEPENDENCE DAY CELEBRATION

The students of India and Pakistan came up with the idea of celebrating the Independence Day of the two countries together. It was a two hours event. The event kick-started at 11 pm of 14th August when the students of Pakistan presented cultural programmes, screened a documentary and sang the Pakistani national anthem. At midnight, they handed over the function to the Indian students who also presented cultural shows, a documentary and sang the Indian national anthem. The entire university was present, including the President Prof. GK Chadha. He commented that he felt 'the South Asian University has really taken birth today.'

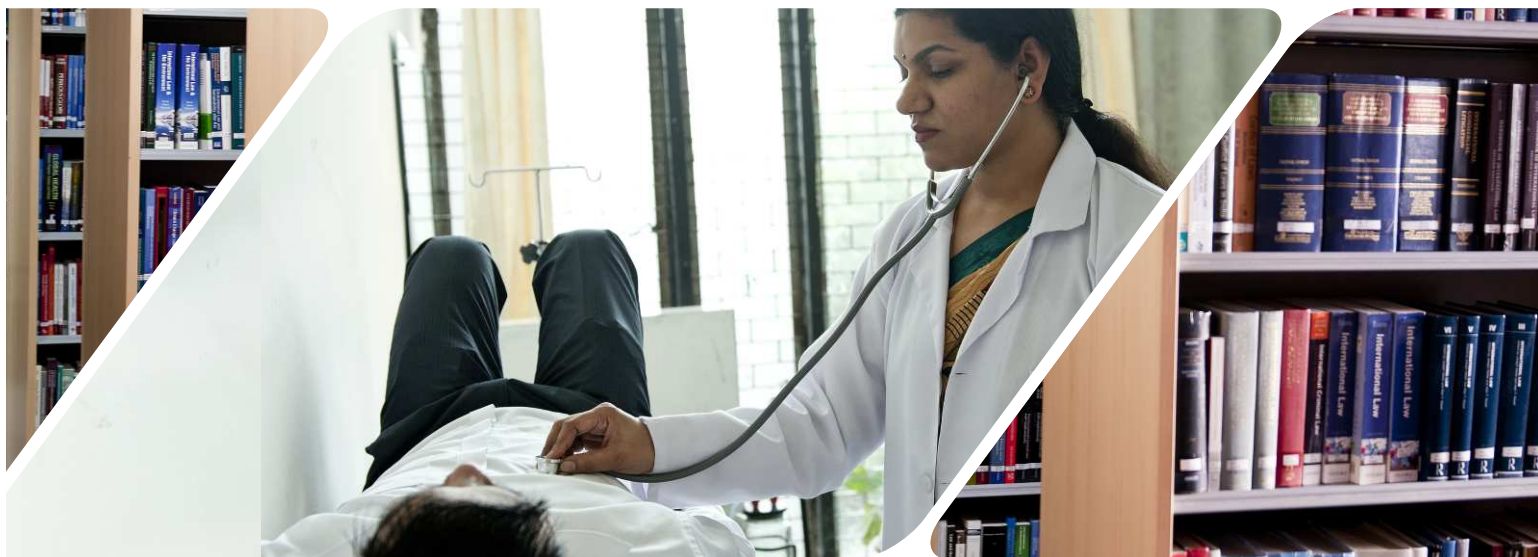
FRESHERS' PARTY 2012

Senior students of all the faculties welcomed the batch of 2012 by giving them a combined Freshers' Party on 7th September 2012. It was coordinated by cultural committee under the guidance of Assistant Dean, Student Welfare, Dr. D.S. Yadav. The event unfolded with a talent contest to hunt for Mr. and Ms. Freshers followed by cultural programs by the senior students. A band from JNU was especially invited to follow this up with musical renderings. Star attraction of the event was the DJ party which took place well into midnight.

INTERNATIONAL MOTHER LANGUAGE DAY

In a university marked by its diversity, a day like International Mother Language Day becomes an occasion of great celebration. The students of SAU didn't let go of this opportunity to showcase the pride that is associated with their respective languages. What made the occasion a mix of emotion, entertainment and excitement was the recitation of poems in their mother language by students and dance performances on folk songs by Indian and Bangladeshi students. The excitement factor lay in the way in which the event unfolded over an evening bringing people from diverse backgrounds so much closer to the culture of each other.





STUDENT FACILITIES & SERVICES

HOSTEL AND SPORTS FACILITIES

Shared hostel accommodation is provided to those students who join the University from outside Delhi. The hostels on the three floors currently house about 65 girls and 190 boys. While all of the foreign and outstation students were extended hostel facility. Depending on the availability, hostel facility was also extended to some of the students from Delhi/NCR on temporary basis based on the merit of each case. The entire 8th floor of Akbar Bhawan is proposed as hostel for Ph.D. students.

Basic sports facilities are being provided to the students. The University stands committed to providing infrastructure and financial support for sports facilities. Apart from the indoor sports facilities funded by the university, a modest gym has also been set up in the hostel. The University continues to strive to make the optimal use of the space available at Akbar Bhawan to accommodate more and more sporting and recreational facilities.

HEALTHCARE FACILITIES

The SAU Health Centre caters to the students, staff, faculty members and all the employees and their families. The centre provides basic health care facilities for free. Though small in relative terms, it is well-equipped for emergencies and First-Aid purposes. It functions from 08.30 am to 04.00 pm from Monday to Friday and on Saturdays from 10.00 am to 02.00 pm. The Health Centre remains closed on Sundays and other holidays as declared by the University.

The Medical Officer looks after the administration and correspondence concerning the Health Centre. Medical care is provided by the doctor(s), paramedical and the supporting staff. Referrals are made by the University Medical Officer for services not available at the Health Centre like hospitalisation, investigations, specialists' consultations and treatment to public hospitals and empanelled private hospitals, as per University guidelines.

There is one bed for patient observation. Medicines which are prescribed to the patient are purchased from outside pharmacies to be reimbursed later. Taxi services are readily available to transport the emergency patients to the hospital.

The students are covered under the Star Health insurance policy for admission (inpatient) purpose, which is renewed every year by the University for the students. Besides, there is a corpus fund for students, which helps them to meet expenses in critical management during emergency.

SAU LIBRARY

The South Asian University Library was established to fulfil academic and research needs of the students, faculty members and other users of the library. The current library spreads over a total area of 4500 sq. ft. The library has text and reference books covering different subjects including Computer Science, Mathematics, Biotechnology, Sociology, Economics, Law and International Relations. There are about 7000 volumes of books available at the library. It functions from 9:00 am – 12:00 pm on all days. Library has a seating capacity of 100 users. Members can also issue books from other libraries under DelNet. Presently SAU Library is a member of INFLBNET (Information and Library Network) and INDEST (Indian National Digital Library in Engineering Sciences and Technology). A slew of eBooks on different subjects from some publishers are made available to the members of the library. These ebooks are searchable using library online catalogue. Besides the various magazines and daily newspapers the library subscribes to, free access is also provided to e-Resources from around the world that includes ACM, Advocate Khoj Law Library, Cambridge University Library, Cambridge University, Directory of Open Access Books & Journals, Elsevier, F1000, HeinOnline, IEL, Jstor, OUP, Sage, Westlaw and Encyclopaedia on Islam. The e-resources can also be accessed off-campus.

SAU Library has implemented automation system using an Open Source ILS (Integrated Library System) KOHA. Library circulation services are being provided using barcoded system. Users can search library resources from library online catalogue. Library members reserve books, suggest library purchase, trace their own issuing records etc. through library web portal. Users can see a list of most popular books, tag or tag cloud using library portal.

REMEDIAL ENGLISH COURSE

At the instance of the students, the university has started an English Language Programme for those students who are deficient in English Language Proficiency. The classes are held once a week for two hours on Saturdays. More than 30 students have registered for the course. It is a two semester course.

SOUTH ASIAN STUDIES

A compulsory non-credit course titled 'Introduction to South Asia' is being introduced from the January 2013 semester. All final semester students are required to take this course. Passing of this course will be a pre-requisite for award of Master's degree of this University. Students will be required to maintain a minimum of 75% attendance in this course. In case any student who fails to maintain the prescribed 75% attendance or does not pass this course, he/she will not be eligible for the award of Master's degree.

This course will introduce the students to the history, common issues, challenges and future prospects of the South Asian region.

PLACEMENT

Placement record is one of the most important yardsticks with which prospective students and the industry measure an institution's desirability. As a major chunk of students are passing out in the following year, the university has set up the SAU Placement Cell under the leadership of the President as its chair. The Cell will look into all matters relating to student placement and career services.







ACADEMIC FACULTIES



DEAN'S REMARK

The Department of Mathematics at South Asian University was established in July 2012, coincidentally the year which was declared as the “National Year of Mathematics” for India to mark the 125th birth anniversary of the great mathematician Srinivasa Ramanujan, with a vision of being a research-oriented department that would cater to the need for high-end Applied Mathematicians in the SAARC region. Keeping in view the applicability of Mathematics across almost all disciplines, the department has instituted a unique and focused Master's programme in Applied Mathematics with up-to-date curriculum, which gives an adequate emphasis on theory, computation and application of Mathematics. Moreover, the department is committed to keeping the curriculum dynamic so that the latest trend/demand of the courses would be taken care of. The department has a strong team of research-oriented academicians all of whom have vast research and teaching experience. Very shortly, the department will commence its Ph.D. programme as well. At present, the Department of Mathematics consists of 8 regular faculty members. The focus areas of research of the department includes Differential Equations; Numerical Analysis; Computational Fluid Dynamics; Real Analysis; Discrete Mathematics; Optimisation Techniques; Swarm Computing; Scientific Computing; Mathematical Modelling and Dynamical Systems.

Date of start of first academic session: 26 July, 2012

Degree Offered : M.Sc. Applied Mathematics

| | |
|----------------------------|-----|
| Number of students joined: | 12 |
| Male: | 7 |
| Female: | 5 |
| Country-wise breakup | |
| Afghanistan: | Nil |
| Bangladesh: | 2 |
| Bhutan: | 1 |
| India: | 8 |
| Maldives: | Nil |
| Nepal : | 1 |
| Pakistan: | Nil |
| Sri Lanka: | Nil |

COURSES OFFERED – TITLES AND CREDITS:

Semester - I (Total credits: 18)

Algebra (3)

C Programming & Data Structures (3)

Ordinary Differential Equations & Applications (3)

Real & Complex Analysis (3)

Probability Theory (3)

Discrete Mathematics (3)

FACULTY MEMBERS



Prof. R.K. Mohanty
(Professor & Dean)

Subject Areas & Research Details
Numerical Methods, Differential Equations,
Computational Fluid Dynamics



Dr. Pankaj Jain
(Associate Professor)

Subject Areas & Research Details
Function Spaces, Norm Inequalities,
Integral Operators, Fourier Transforms,
Numerical Methods



Dr. Deepa Sinha
(Associate Professor)

Subject Areas & Research Details
Graph Theory (Discrete Mathematics)
and Fluid Dynamics



Dr. Kapil Shamra
(Associate Professor)

Subject Areas & Research Details
Numerical Analysis, Singularly Perturbed
Problems, Partial Differential Equation,
Functional Differential Equation



Dr. Danish Lohani
(Assistant Professor)

Subject Areas & Research Details
Fuzzy Logics, Functional Analysis,
Measures of non-compactness and
Matrix Transformations, Statistical
Approximations, Stochastic Processes



Dr. Saroj Kumar
(Assistant Professor)

Subject Areas & Research Details
Mathematical Biology, Non-linear
dynamical system, Bioinformatics



Dr. Navnit Jha
(Assistant Professor)

Subject Areas & Research Details
Scientific Computing, Parallel Algorithms,
Differential Equation



Dr. Jagdish Chand Bansal
(Assistant Professor)

Subject Areas & Research Details
Swarm Intelligence

ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. Mohanty, R.K. and Setia, Nikita. (2012). A new high accuracy two-level implicit off-step discretisation for the system of two space dimensional quasi-linear parabolic partial differential equations. *Applied Mathematics and Computations*, Vol. 219, pp. 2680- 2697.
2. Mohanty, R.K. and Setia, Nikita. (2013). A new high order compact off-step discretisation for the system of 3D quasi-linear elliptic partial differential equations. *Applied Mathematical Modelling*. (Accepted for publication)
3. Jain, Pankaj and Jain Sandhya, Normability and Duality in Multidimensional Lorentz Spaces. (Submitted)
4. Sinha, D. and Kaur, J. (2012) - Full Friendly Index Set - I. *Applied Discrete Mathematics*. (Accepted for publication)
5. Sinha, D. and Kaur, J. (2012) - Edge Friendly Labelings of Graphs - I. *ARS Combinatoria*. (Accepted for publication)
6. Acharya, M. and Sinha, D. (2012) - Characterization of Signed Line Digraphs. *Applied Discrete Mathematics*. (Accepted for publication)
7. Tomer, N. and Sinha, D. (2012) - Evaluating Machine Translation Evaluation's BLEU Metric for English to Indian Language Machine Translation. *International Journal of Computer Science*, 1(6): 48-58
8. Tomer, N., Sinha, D. and Rai, P. K. (2012) - Evaluating Machine Translation Evaluation's F-Measure Metric for English to Hindi Language Machine Translation. *International Journal of Academy Research Computer Engineering and Technology (IJARCET)*, 1(7): 151-156
9. Tomer, N. and Sinha, D. (2012) - Evaluation of Modified-BLEU Metric for English to Hindi Language Using ManTra Machine Translation Engine. *International Journal of Advanced Research in Electronics & Communication Engineering (IJARECE)* 1(4): 103-108
10. Tomer, N. and Sinha, D. (2012) - Evaluating NIST Metric for English to Hindi Language Using ManTra Machine Translation Engine. *International Journal of Academy Research Computer Engineering and Technology-IJARCET*, 1 (8): 365-369
11. Tomer, N. and Sinha, D. (2012) - Evaluating Machine translation evaluation's NIST Metric for English to Hindi Language Machine Translation. *International Journal of Management, IT and Engineering*, 2(11): 359-371
12. Jiwari, R, Mittal, RC and Sharma, Kapil K, (2013) - A numerical scheme based on weighted average differential quadrature method for the numerical solution of Burgers' equation in *Applied Mathematics and Computation*. (Accepted for publication)
13. Sharma, Kapil K, Rai, Pratima and Patidar, Kailash C, A Review on Singularly Perturbed Differential Equations with Turning Points and Interior Layers, Revised Version. (Submitted)
14. M. A. Alghamdi, A. Alotaibi, Q.M. Danish Lohani and M. Mursaleen (2012)- Statistical Limit Superior and Limit Inferior in Intuitionistic Fuzzy Normed Spaces, *Journal of Inequalities and applications* , 96, 1-12
15. M. Mursaleen, S.A.Mohiuddine and Q.M. Danish Lohani (2012) - Nonlinear Operators Between Random 2-Normed Spaces and Frechet derivative, *Journal of Intelligent and Fuzzy Systems*. (Accepted for publication)
16. Harish Sharma, Jagdish Chand Bansal, K.V. Arya (2012). Opposition based L'evy Flight Artificial Bee Colony, *Memetic Computing*, DOI: 10.1007/s12293-012-0104-0
17. Jagdish Chand Bansal, Harish Sharma, K.V. Arya, (2013), SelfBalanced Differential Evolution, *Journal of Computational Science*.
18. Harish Sharma, Jagdish Chand Bansal, K. V. Arya, (2013). Power Law based Differential Evolution, *International Journal of Computational Intelligence Studies (IJCIStudies)*. (Accepted for publication)
19. Harish Sharma, Jagdish Chand Bansal, K.V. Arya, Xin-She Yang. (2013). L'evy Flight Artificial Bee Colony, *International Journal of Systems Science*. (Accepted for publication)
20. Harish Sharma, Jagdish Chand Bansal, K.V. Arya. (2013). Diversity Measures in Artificial Bee Colony algorithm, *Advances in Intelligent Systems and Computing*, Vol. 202, pp. 311-321

BOOKS PUBLISHED:

1. Jagdish Chand Bansal, Pramod Kumar Singh, Kusum Deep, Milie Pant and Atulya Nagar - Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications 2012, AISC Series of Springer, Vol. 201 and Vol. 202

CONFERENCES / SYMPOSIA ATTENDED / PAPERS PRESENTED:

1. R.K. Mohanty (Technical Session Chairperson): Prospects of Applied Mathematics, 7th Uttarakhand State Science and Technology Congress- 2012, on 21/11/2012 at Graphic Era University, Dehradun

2. **R.K. Mohanty** (Technical Session Chairperson): History and Development of Mathematics, ICHDMS-2012 on 23/11/2012 at MD University, Rohtak
3. **R.K. Mohanty** (Invited Speaker): Cubic Spline Approximation for Two Dimensional Non-linear Elliptic Boundary Value Problems, 11th Biennial Conference of the Indian Society of Industrial and Applied Mathematics on 15/12/2012 at Gautam Budha University, Greater Noida
4. **Pankaj Jain**: Invited to deliver a lecture in the forthcoming Annual Conference of the Indian Mathematical Society to be held at Banaras Hindu University during January 22-25, 2013
5. **Deepa Sinha** (I-Technical Session Chairperson): International Conference on Emerging Trends in Fluid Mechanics and Graph Theory-2012 on 16/08/2012 at Christ University, Bangalore
6. **Deepa Sinha** (II-Technical Session Chairperson): International Conference on Emerging Trends in Fluid Mechanics and Graph Theory-2012 on 17/08/2012 at Christ University, Bangalore
7. **Deepa Sinha** (Invited Speaker): Unitary Cayley Signed Graphs, International Conference on Emerging Trends in fluid Mechanics and Graph Theory-2012 on 17/08/2012 at Christ University, Bangalore
8. **Deepa Sinha** (Invited Speaker): On the Unitary Cayley Signed Graphs, National Seminar on Frontiers of Mathematics-2012 on 15/10/2012 at Ethiraj College for Women, Chennai
9. **Deepa Sinha** (Invited Speaker): Unitary Addition Cayley Signed Graphs, National Workshop on Mathematics and its Applications-2012 on 19/10/2012 at the Department of Mathematics, Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat) Haryana
10. **Kapil K. Sharma** (Expert Lecture): Some Notions on Differential Equations on September 12, 2012 at School of Mathematics and Computer Application, Thapar University, Patiala

AWARDS / HONORS:

Prof. R.K. Mohanty has been elected as a Fellow of National Academy of Sciences India (FNASc) 2012, Allahabad.

MISCELLANEOUS:

Faculty members are active in professional activities like reviewing for well-respected Journals. Some of them are editorial board members of highly reputed Journals. They are also on the Program Committee of international conferences.

1. **Kapil K. Sharma**, Associate Editor, Applied Mathematics and Computation (Publisher: Elsevier, Imact factor :1.33)

The Department of Mathematics has been active in organising lectures by eminent academicians for both students and faculty members. The following eminent speakers have delivered lectures in the department:

1. **Speaker: Prof. YVSS Sanyasiraju**, Dept of Mathematics, IIT Madras

Title: Optimisation of the shape parameter of the infinitely smooth RBFs

Date: 06 November, 2012

Venue: Department of Mathematics, South Asian University

2. **Speaker: Dr. Bipin Kumar**, Post-doctoral Fellow, LImenau University of Technology, Germany

Title: High performance computing for droplet dynamics in turbulent mixing at cloud boundary

Date: 19th November 2012

Venue: Department of Mathematics, South Asian University



DEAN'S REMARK

The Department of Computer Science is one of the first two departments established by the University. The department initiated its teaching activities through a post-graduate program in Computer Applications in 2010 with a total intake of 30 students. The program was transformed to a more focused, rigorous and intensive programme in Computer Science in 2011, as the faculty strength of the department increased. At present there are three batches of students at different stages of their curriculum. The department is in the process of initiating doctoral research programme w.e.f. 2013 session, as part of the university's vision plan to strengthen research activities of the University. The department has proposed an intensive and unique research programme with an early exit option with M.Phil. Degree. To create appropriate experimental setup for the proposed doctoral research programme and the existing masters' students entering into their thesis component, the department has formulated a comprehensive laboratory plan with one general purpose computing laboratory and seven specialized laboratories, and has initiated the required procurement and installation process. The department envisions providing research environment and facilities in the areas of Artificial Intelligence and Machine Learning, Computer Graphics & Image Processing, Computer Networks and Mobile Computing, Data and Text Analytics, Distributed Computing and Embedded & Real Time Systems. The department has organised several academic and training activities in the calendar year 2012 such as a workshop on Soft Computing Techniques, invited lectures by eminent speakers on topics of contemporary interest, professional training to students leading to certification in IBM DB2 and soft skills and other training programs for all round grooming and preparation of students for their future careers.

Date of start of winter session : 11 January, 2012

Degree Offered : M.C.A

| | |
|-----------------------------|-----|
| Number of students joined: | 15 |
| Male: | 14 |
| Female: | 1 |
| Country-wise breakup | |
| Afghanistan: | Nil |
| Bangladesh: | 1 |
| Bhutan: | 1 |
| India: | 12 |
| Maldives: | Nil |
| Nepal : | Nil |
| Pakistan: | 1 |
| Sri Lanka: | Nil |

Degree Offered : M.Sc. (Computer Science)

| | |
|-----------------------------|-----|
| Number of students joined: | 22 |
| Male: | 18 |
| Female: | 4 |
| Country-wise breakup | |
| Afghanistan: | 9 |
| Bangladesh: | 1 |
| Bhutan: | Nil |
| India: | 8 |
| Maldives: | Nil |
| Nepal : | 2 |
| Pakistan: | 1 |
| Sri Lanka: | 1 |

COURSES OFFERED - TITLES AND CREDITS

| MCA Semester IV (Total credits: 18) | M.Sc. Semester II (Total credits: 18) |
|-------------------------------------|---------------------------------------|
| A.I. & Machine Learning (3) | Programming II (3) |
| Computer Networks (3) | Operating Systems (3) |
| Software Engineering (3) | Modelling & Stimulation (3) |
| Elective I (3) | Statistical & Logical Learning (3) |
| Elective II (3) | Computer Networks (3) |
| AI Lab (1) | Programming Lab (1) |
| Networks Lab (1) | Stimulation Lab (1) |
| Elective Lab (1) | Learning Lab (1) |

Date of start of monsoon session: 26 July, 2012

| Degree Offered : M.C.A (Sem. V) | |
|---------------------------------|-----|
| Number of students joined: | 15 |
| Male: | 14 |
| Female: | 1 |
| Country-wise breakup | |
| Afghanistan: | Nil |
| Bangladesh: | 1 |
| Bhutan: | 1 |
| India: | 12 |
| Maldives: | Nil |
| Nepal : | Nil |
| Pakistan: | 1 |
| Sri Lanka: | Nil |

Degree Offered : M.Sc. (Computer Science) (Sem. III)

| Number of students joined: | 22 |
|----------------------------|-----|
| Male: | 18 |
| Female: | 4 |
| Country-wise breakup | |
| Afghanistan: | 9 |
| Bangladesh: | 1 |
| Bhutan: | Nil |
| India: | 8 |
| Maldives: | Nil |
| Nepal : | 1 |
| Pakistan: | 2 |
| Sri Lanka: | 1 |

Degree Offered : M.Sc. (Computer Science) (Sem. I)

| Number of students joined: | 26 |
|----------------------------|----|
| Male: | 22 |
| Female: | 4 |
| Country-wise breakup | |
| Afghanistan: | 4 |
| Bangladesh: | 4 |
| Bhutan: | 1 |
| India: | 10 |
| Maldives: | 1 |
| Nepal : | 3 |
| Pakistan: | 2 |
| Sri Lanka: | 1 |

COURSES OFFERED TITLES AND CREDITS:

| MCA Semester V (Total credits: 21) | M.Sc. Semester III (Total credits: 15) | M.Sc. Semester I (Total credits: 20) |
|------------------------------------|--|--------------------------------------|
| Modelling & Stimulation (3) | Software Engineering (3) | Programming & Data Structures (4) |
| Theory of Computation (3) | High Performance Computing (3) | Database Management Systems (4) |
| Internet Technologies (3) | Optional Course I (4) | Discrete Mathematical Structures (4) |
| Image Processing & PR (3) | Optional Course II (4) | Probability & Statistics (4) |
| Elective III (3) | Thesis (1) | Computer Organisation (4) |
| Elective IV (3) | | |
| Minor Project (3) | | |
| Elective Labs | | |

FACULTY MEMBERS



Prof. R.K. Mohanty
(Professor & Dean)



Dr. D.S. Yadav
(Associate Prof. & Chairperson)
Subject Areas & Research Details
Formal Methods, Database Systems



Dr. Ekta Walia
(Associate Professor)
Subject Areas & Research Details
Computer Graphics and
Image Processing



Dr. Pranab Muhuri
(Associate Professor)
Subject Areas & Research Details
Real-Time Systems, Soft Computing



Dr. Vasudha Bhatnagar
(Visiting Associate Professor)



Dr. Vivek Singh
(Assistant Professor)
Subject Areas & Research Details
AI & Machine Learning, Text
Analytics



Dr. Amit Banerjee
(Assistant Professor)
Subject Areas & Research Details
Wireless adhoc and sensor networks,
Mobile adhoc networks, P2P networks,
Mobile computing

Note: Prof. Ashwin Srinivasan, Professor in Computer Science and Dean of the Faculty, left the University in September 2012.



ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. Raghuraj Suryavanshi and Divakar Yadav (2013), Modeling of Distributed Mutual Exclusion System Using Event-B, Lecture Notes in Computer Science, Springer-Verlag, Berlin-Heidelberg, 2013 (Accepted for publication)
2. Girish Chandra and Divakar Yadav (2012), Verification of Money Atomicity in Digital cash based Payment Systems, Lecture Notes in Computer Science, Vol 7671, pp 249-264, Springer-Verlag, Berlin-Heidelberg, 2012
3. Raghuraj Suryavanshi and Divakar Yadav (2012), Rigorous Design of Lazy Replication System Using Event-B, Contemporary Computing, Communications in Computer and Information Sciences, Vol 306, pp 407-418, Springer-Verlag, Berlin-Heidelberg, 2012
4. Raghuraj Suryavanshi and Divakar Yadav (2012), Modeling of Multiversion Concurrency Control System Using Event-B, Proceedings of the Federated Conference on Computer Science and Information Systems, pp. 1397-14, IEEE FEDCSIS 2012, Sept 9-12, 2012, Wroclaw, Poland. ISBN 978-83-60810-48-4, 2012
5. Walia E. and Suneja A., "A Robust Watermark Authentication Technique Based on Weber's Descriptor" Signal, Image and Video Processing, Springer, May 2012, (DOI: 10.1007/s11760-012-0312-6). Impact Factor: 0.617
6. Goyal A. and Walia E., "Variants of Dense Descriptors and Zernike Moments as Features for Accurate Shape Based Image Retrieval" Signal, Image and Video Processing, Springer (10.1007/s11760-012-0353-x). May 2012. Impact Factor: 0.56
7. Walia E. and Verma V., "A Computationally Efficient Framework for 3D Warping Technique", International Journal of Computer Graphics, Science & Engineering Research Support Society, Korea, Vol. 3, No. 1, May, 2012
8. Singh C., Walia E., Upneja R., "Accurate Calculation of Zernike Moments", accepted for publication in Information Sciences, Elsevier, September 2012. Impact Factor: 2.833
9. Singh C., Walia E., Pooja, Upneja R., "Analysis of algorithms for fast computation of pseudo Zernike moments and their numerical stability", Digital Signal Processing, Elsevier, Volume 22, Issue 6, pp. 1031-1043, December 2012, <http://dx.doi.org/10.1016/j.dsp.2012.06.009>. Impact Factor: 1.607
10. Walia E., Singh C., Upneja R., "A Comment on "Fast and accurate method for radial moment's computation" by Khalid M. Hosny [Pattern Recognition Letters, 31(2010), 143-150]" Pattern Recognition Letters, Elsevier, Volume 33, Issue 16, pp. 2224-2225, December 2012. Impact Factor: 1.034
11. Walia E. and Suneja A., "A Fragile and Blind Watermarking Techniques Based on Weber's Law for Medical Image Authentication" accepted for publication in IET Computer Vision, December 2012. Impact Factor: 0.636

12. Goyal A. and **Walia E.**, "An Analysis of Shape Based Image Retrieval using Variants of Zernike Moments as Features" Volume 7, Issue 1, 2012, International Journal of Imaging and Robotics
13. **Walia E.** and Suneja A., "Fast and High Capacity Digital Image Watermarking Technique Based on Phase of Zernike Moments" International Journal of Computer Vision and Image Processing, IGI Global, USA, Volume 2, Issue 1, pp.60-74, January-March 2012
14. Singh C., **Walia E.**, Neerja, "Discriminative Zernike and pseudo Zernike moments for face recognition" International Journal of Computer Vision and Image Processing, IGI Global, USA, September 2012
15. **V. K. Singh**, M. Mukherjee, G. K. Mehta, N. Tiwari & S. Garg, "Opinion Mining from Weblogs and its Relevance for Socio-political Research", In M. Natarajan, C. Nabendu and N. Dhinakaran (Eds.) Advances in Computer Science and Information Technology. Computer Science and Engineering, Part II, Jan. 2012, LNICST 85, Springer, pp. 134--145 (ISBN 978-3-642-27307-0)
16. P. Waila, Marisha, **V. K. Singh**, M.K. Singh "Evaluating Machine Learning and Unsupervised Semantic Orientation Approaches for Sentiment Analysis of Textual Reviews", Proceedings of the 2012 International Conference on Computational Intelligence and Computing Research , Dec. 2012, India, IEEE Xplore (ISBN: 978-1-4673-1344-5)
17. **V.K. Singh**, P. Waila, Marisha, R. Piryani & A. Uddin, "Sentiment Analysis of Textual Reviews: Evaluating Machine Learning, Unsupervised and SentiWordNet Approaches", Accepted to appear in Proceedings of the IEEE 2013 International Conference on Knowledge and Smart Technologies, Jan 2013, Thailand, IEEE Xplore
18. **Vasudha Bhatnagar**, Sangeeta Ahuja, Sharanjit Kaur, Discriminant Analysis based Cluster Ensemble, Accepted for publication in International Journal for Data Mining, Modeling and Management, Inderscience
19. Naveen Kumar, Anamika Gupta, **Vasudha Bhatnagar**: Lattice Based Associative Classifier. 4th Asian Conference on Intelligent Information and Database Systems, (ACIIDS 2012), Kaohsiung, Taiwan, March 19-21, 2012, Lecture Notes in Computer Science 7197, pp. 22-31
20. Anamika Gupta, Naveen Kumar, **Vasudha Bhatnagar**: Mining of Multiobjective Non-redundant Association Rules in Data Streams Artificial Intelligence and Soft Computing - 11th International Conference, ICAISC 2012, Zakopane, Poland, April 29-May 3, 2012, Proceedings, Part II. Lecture Notes in Computer Science 7268 Springer 2012, pp. 73-81
21. **Vasudha Bhatnagar**, Rashmi Dobariyal, Priya Jain, Ashish Mahabal, Data Understanding Using Semi-Supervised Clustering, In Proceedings of 4th IEEE International Conference on Intelligent Data Understanding, Boulder, Colorado, US, 24th-26th October 2012
22. Sharanjit Kaur, Dhriti Khanna, Tripti Gupta, **Vasudha Bhatnagar**, Scalable Clustering Using PACT Programming Model, In Proceedings of International Workshop on Knowledge Discovery Using Cloud and Distributed Computing Platforms In Cooperation with IEEE ICDM 2012 (KDCloud12) Brussels, 10-13 Dec 2012

BOOKS PUBLISHED:

Srinath Srinivasa, **Vasudha Bhatnagar** (Editors), Big Data Analytics, Lecture Notes in Computer Sciences 7678, Dec 2012, Springer-Verlag

BOOK CHAPTERS CONTRIBUTED BY FACULTY MEMBERS:

1. **Muhuri, Pranab K.** and Shukla, K. K. (2012) - Task Scheduling under Uncertain Timing Constraints in Real-Time Embedded Systems, Book Chapter in "Encyclopaedia of Embedded Computing Systems", IGI Global, USA
2. **V.K. Singh** (2012) - Advanced Features of Object oriented programming in C++: Unit 1-4, Knowledge Volume prepared and published by IGNOU, New Delhi

RESEARCH GRANTS OBTAINED BY FACULTY MEMBERS:

1. **Pranab K. Muhuri** - "Soft Computing Techniques in Real-Time Systems", UGC, India. Duration 2011-2014. INR.2,41,200/- for Research Expenses
2. **V. K. Singh**, T. J. Siddiqui, D.E. Pinto and I. Olmos; Indo-Mexican Joint Research Project on Machine Learning Techniques for Context Aware Recommender Systems, DST, GOI and CONACYT, Mexico, 03 years, INR 21.82 lacs

CONFERENCES / SYMPOSIA ATTENDED / PAPERS PRESENTED:

1. Singh C., **Walia E.**, Neerja, "Fusion of Zernike Moments and SIFT Features for Improved Face Recognition", IJCA Proceedings on

International Conference on Recent Advances and Future Trends in Information Technology (iRAFIT) 6, pp. 26-31, March 2012, organised by Punjabi University, Patiala, India

2. **Walia E.** delivered expert talk on "Content Based Image Retrieval for Medical Applications" on 3rd February 2012 in AICTE-sponsored symposium on "Challenges and Opportunities in Medical Image Processing Analysis and Applications", organised by Guru Nanak Dev Engineering College, Ludhiana, Punjab, India, 3rd-4th February 2012
3. **Walia E.** delivered keynote address on "Involvement of Women in Computers" on 25th February 2012 for UGC sponsored seminar on "Involvement of Women in Computers", organised by Shri Lal Bahadur Shastri Arya Mahila College, Barnala, Punjab, India
4. **Walia E.** delivered lecture on "Face Recognition using PCA" on 2nd December 2012 in UGC-sponsored One Week National Workshop on "Digital Image Processing using MATLAB", organised by Punjabi University, Patiala, India, 29th November to 5th December 2012
5. **Muhuri, Pranab K.** and **Shukla, K. K.** - Task Scheduling in Real-Time Systems under Uncertain Timing Constraints, National Conference on Mathematical Modeling and Computer Simulation, Organised by Department of Applied Mathematics, Indian Institute of Technology (BHU), India, March 22-25' 2012
6. **V.K. Singh,** "Machine Learning Techniques in Text Analytics", Invited Lecture at Orissa University of Agriculture and Technology, Bhubaneswar, September 2012
7. **Vasudha Bhatnagar,** Big Data Analytics, Invited Lecture in Islamia Institute of Technology, Anantnag, J&K, Sept 2012

VISITS OF SCHOLARS TO THE DEPARTMENT / FACULTY:

The Department of Computer Science conducted a series of invited lectures and training programs and following speakers graced us with their presence and lectures on various topics followed by interaction with the faculty and students:

- | | | |
|------------------------------------|---------------------------------------|---|
| 1. Mukesh Mohania, IBM India | 2. Prof. Karmeshu, JNU, New Delhi | 3. Dr. A. Krishnamachari, JNU, New Delhi |
| 4. Prof. M Balakrishnan, IIT Delhi | 5. Prof Sankar K. Pal, ISI, Calcutta | 6. Dr Alok Singh, University of Hyderabad |
| 7. Dr B. K. Panigrahi, IIT Delhi | 8. Dr D. P. Vidyarthi, JNU, New Delhi | 9. Dr Swagatm Das, ISI Calcutta |
| 10. Dr A.S. Baghel, GBU, Gr Noida | 11. Dr Rajiv Agarwal, U.S.A. | |

MISCELLANEOUS

1. Faculty members are active in professional activities like reviewing for well-respected journals like IET Image Processing, Applied Mathematics and Computation (Elsevier), Real Time Image Processing (Springer), Journal of Parallel and Distributed Computing (Elsevier). They are also on the Programme Committee of international conferences.
2. A series of lectures organised by the faculty for students have been planned based on topics of industrial relevance. Three day workshop on DB2 by IBM was conducted from 21st to 23rd August 2012. As a follow up of this training, 32 students out of 37 qualified as IBM certified DataBase associate. Further a Soft-Skills Workshop was organised for 30 hours each for MCA as well as M.Sc. final year batches. Both these workshops were coordinated by Dr. Ekta Walia.
3. A state-of-the-art hardware simulation lab has been established and being updated under the supervision of Dr. Pranab K Muhuri.
4. A student chapter of the ACM, with the name 'South Asian University ACM Student Chapter' was established in April 2012 to facilitate the technical/ professional activities of the students. This chapter has been formed under the direct supervision of Dr. Pranab K Muhuri, who is also working as faculty sponsor of the chapter in the current session.



DEAN'S REMARK

The current millennium is the age of biological sciences. Today, we have the conceptual, experimental and mathematical tools to understand the complexity of inputs that go into the integrated study of the Science of Living systems. With changing modes of production and climate change, the role of Life Sciences is increasing rapidly to the extent that our long-term wellbeing would be highly dependent on our understanding of the biological processes. The distinction between basic knowledge and its application towards the betterment of human existence has mostly ceased to exist. The Faculty of Life Sciences and Biotechnology offers a well-planned selection of courses that enable flexibility and lateral integration while maintaining the coherence and rigor of specific disciplines. The options would include basic areas of study as well as those geared towards our practical needs in agriculture, health and industry. In research, the Faculty encourages complete academic freedom and collaboration with researchers within and outside SAU. The Faculty trains postgraduate students in the wide spectrum of Life Sciences. The endeavour of the Faculty is to teach the latest concepts and research technologies and prepare the students for careers in research and teaching in modern biology and biotechnology. The areas covered would include Molecular and Cellular Biology, Biotechnology, Microbiology and Immunology, Molecular Medicine, Genomics, Genetics and Evolutionary Biology, Agricultural Biology and Plant Sciences, Neurosciences, Ecology and Biodiversity, Stem Cell Biology, Environmental Biotechnology, Biostatistics, Bioinformatics, Biomedical Engineering, Structural Biology, and Systems Biology.

M.Sc. Biotechnology program of FLSB has been developed with an aim to produce graduates who would have sufficient knowledge and expertise to pursue urgent problems of the region. The course structure is technology-centric where students basically learn technology and are taught necessary basic subjects for that purpose. From the next academic year, FLSB is starting a Ph.D. Programme also. In preparation for this programme, the faculty already has established the required research facilities and procured the needed research equipment.

FACULTY MEMBERS



Prof. Rajiv K. Saxena
Ph.D., FASc, FNASc, FNA
(Professor & Dean)

Ph.D. All India Institute of Medical Sciences, New Delhi (1977)
Formerly: Post Doc, NIH, USA; Professor, JNU; Visiting Professor, University of Pittsburgh School of Medicine, PA, USA; NIOSH, CDC, USA; US Environmental Protection Agency, North Carolina, USA



Dr. Senthil K. Venugopal
(Associate Professor)

Ph.D. All India Institute of Medical Sciences, New Delhi (2000)
Formerly: Scientist, Inst. Liver & Biliary Diseases, New Delhi; Assistant Professor, University of California Davis Medical Center, Sacramento, CA; Post Doc, UT South-western Medical Center, Dallas, TX, USA



Dr. Ritu Gaur
(Associate Professor)

Ph.D. National Institute of Immunology, New Delhi (2001)
Formerly: Assistant Professor, Inst. Liver & Biliary Diseases, New Delhi; Post Doc, National Institute of Allergy and Infectious Diseases, National Institutes of Health, USA



Dr. Barnali Chaudhuri
(Associate Professor)

Ph.D. Uppsala University, Sweden (1998)
Formerly: Research Scientist and Assistant Professor, Hauptman Woodward Institute and the Department of Structural Biology, SUNY, Buffalo, USA; Post Doc, University of California, Los Angeles, USA and Purdue University, Indiana, USA



Dr. Nirotpal Mrinal
(Assistant Professor)

Ph.D. Centre for DNA Fingerprinting and Diagnostics, Hyderabad (2008)
Formerly: Research Associate, Centre for DNA Fingerprinting and Diagnostics, Hyderabad



Dr. Rinkoo Devi Gupta
(Assistant Professor)

Ph.D. Banaras Hindu University, Varanasi (2005)
Formerly: Post Doc, Weizmann Institute of Science, Israel; and Institute of Genomics and Integrative Biology (IGIB), Delhi



Dr. Priti Saxena
(Assistant Professor)

Ph.D. National Institute of Immunology, New Delhi (2008)
Formerly: Scientist Fellow, Institute of Genomics and Integrative Biology (IGIB), Delhi; Post Doc, National Institute of Immunology, New Delhi



Dr. Ananda Mustafiz
(Assistant Professor)

Ph.D. International Center for Genetic Engineering and Biotechnology, New Delhi (2010)
Formerly: Post Doc, University of Western Ontario London, Canada



Dr. Ravi Shankar Akundi.
(Assistant Professor)

Ph.D. University of Freiburg Medical School, Germany (2005)
Formerly: Post Doc, University of Kentucky, Lexington, USA; Yale Child Health Research Centre, Yale University, USA



Dr. Yuba Raj Pokharel
(Assistant Professor)

Ph.D. Chosun University, Gwangju, South Korea (2009)
Formerly: Post Doc, University of Turku and ABO Akademi, Turku Finland; and Chosun University, Gwangju, South Korea



LABORATORY AND RESEARCH FACILITIES:

Apart from a well-equipped M.Sc. Training Laboratory, FLSB has established a state-of-the-art Common Instrumentation Facility (CIF) and open research labs for conducting research. The CIF includes a PCR facility (AB ViiA7 real time PCR machine and 4 PCR machines), Imaging facility (Flow cytometer, Fluorescent microscopes, inverted-phase contrast microscopes, upright microscopes, stereozoom microscopes, Apotome and a micromanipulator), Drosophila culture facility and Protein purification facility. The research labs also house several other equipment, such as Gel documentation system, Zetasizer, High-pressure microwave oven, High Speed and Ultracentrifuges, HPLC and Biosafety Hoods. We plan to establish Radioactive usage facility, Plant culture facility and Small Animal House facility in near future. This year it has been proposed to procure confocal microscopes, cell sorter, laser phosphorimager, cell disruptor and FPLC for the CIF.

STUDENTS' PROFILE

Date of start first academic session: July, 2011

Degree Offered : M.Sc. Biotechnology

Number of students joined: 28

Male: 22

Female: 6

Country-wise breakup

Afghanistan: 2

Bangladesh: 8

Bhutan: Nil

India: 13

Maldives: Nil

Nepal : 5

Pakistan: Nil

Sri Lanka: Nil

Date of start second academic session: July, 2012

Number of students joined: 24

Male: 18

Female: 6

Country-wise breakup

Afghanistan: Nil

Bangladesh: 5

Bhutan: 1

India: 12

Maldives: Nil

Nepal : 4

Pakistan: 1

Sri Lanka: 1



COURSES OFFERED - TITLES AND CREDITS:

Semester - I (Total credits : 19)

- Biochemistry (3)
- Microbiology (2)
- Cell Biology (3)
- Molecular Biology (2)
- Genetics (3)
- Applied Physics and Instrumentation (2)
- Laboratory Techniques (4)

Semester - III (Total credits : 19)

- Topics in Commercial Biotechnology (3)
- Virology (2)
- Fermentation and Biochemical Engineering (2)
- Protein Engineering (2)
- Structural Biology (2)
- Optional 1* - Cancer Biology (2)
- Optional 2* - Neurobiology (2)
- Optional 3* - Advances in Plant Biotechnology (2)
- Research Methodology (4)

* Any two optional subjects to be chosen.

Semester - II (Total credits : 18)

- Infection and Immunity (2)
- Bioinformatics and Biostatistics (3)
- Genetic Engineering (2)
- Plant Biotechnology and Crop Improvement (3)
- Biodiversity (2)
- Environmental Biotechnology (2)
- Laboratory Techniques (4)

Semester - IV (Total credits : 10)

- Term paper (1)
- Seminar (1)
- Project (8)

RESEARCH METHODOLOGY COURSE:

We started a novel research methodology course for the second year students of FLSB. The course was uniquely designed to teach the students how to design and plan experiments to answer a research question. To achieve this task, the course was divided into two parts. The first part comprised presentation of research papers in a journal club, followed by research modules involving actual research work. The students were first taught good laboratory practices (GLP) and keeping record of experimental results. The research work was made into small modules and each module was conducted to train the students to understand the research question, design the experiments, record the data as per the GLP procedures and interpret the data that they have obtained.

Journal Clubs: Research methodology started with the journal club presentation. The students were given the choice of selecting a research paper of their interest. Each student prepared his / her topic extensively with the help of FLSB faculty members and made the presentation. The objective of the presentation was to learn proper framing of a research question, designing of experiments to answer the questions, recording and interpretation of results.



Research Modules: The second part comprised several research modules such as, a) Enumeration of transfected mammalian cells by transfection of mammalian cells with GFP-containing plasmids and counting the number of GFP positive cells using fluorescent microscope; b) Finding out the polymorphism of genes of enzymes involved in alcohol metabolism by PCR followed by RFLP; c) Determining the effect of drug on the cell survival by cell toxicity assays and expression of an oncogenic protein by Western blotting; d) Expression and purification of a microbial protein by first preparing the competent cells, expressing the protein in the bacteria and purification of the expressed protein using columns; e) Isolation of a stress-induced gene from rice plants and determining its expression levels; f) Metabolite profiling by expression, isolation and preliminary characterisation of poly-phenolic molecules in non-pathogenic bacteria. The module was designed to work at an interface of biology and chemistry, providing an exposure to molecular techniques required for over-expression of biosynthetic proteins in heterologous hosts, organic extraction of secreted products, two-dimensional chromatographic separation and an extensive understanding of structural characterization of metabolites using mass spectrometry; and g) Molecular modeling of the proteins using bioinformatics approaches. Each student was asked to work on specific problem in each module. The students designed experiments themselves using the facilities available under the guidance of FLSB faculty members. Three project associates were also closely helping the students on solving the technical problems and guiding them to decide and conduct the experiments. The modules were planned in such a way that the students could get a feel for handling a research project.

VI. SPECIAL ACADEMIC ACTIVITIES:

Debates and Seminars: Some FLSB faculty members introduced the evaluation of students by organising debates and seminars. The students were divided into two groups and they were asked to debate a topic. The topics for the seminars were given to the students and they made a short presentation in front of the other students and faculty members.

Poster Exhibition: Poster presentation is another way to "learn-and-teach" experience for the students. The second year students were asked to prepare posters on the theme "Viruses and the Diseases they Cause" by Dr. Ritu Gaur. The students prepared professional-quality posters and presented on the theme including life-threatening viral diseases. The event was very informative for all the biotechnology students as well as students from other departments and the staff of SAU.

Visit to South Asian Training Centre of Life Technologies/Invitrogen (R& D facility), Gurgaon: The M.Sc. Biotechnology students visited South Asian Training Centre of Life Technologies/Invitrogen Corporation, Gurgaon for a hands-on training on Genetic Analysis, DNA Fingerprinting, Gender characterisation and Quantitation of DNA. During the training, Students were exposed to Advanced models of Genetic Analyzer and sequencer, Real Time PCR, Automated DNA Isolation and PCR system and other Molecular Biology techniques. It was a day of outing, and learning with fun.

SPECIAL SEMINAR SERIES:

In order to further enhance scholarly atmosphere within the department and foster collaborative spirit, a special faculty lecture series was initiated this semester. Prof. R. K. Saxena inaugurated this weekly lecture series, and additional faculty members of FLSB gave subsequent talks. The talks were very well received by the students, who enthusiastically participated in the question-answer sessions after the talks. We plan to continue and extend the scope of this lecture series by including scientists and researchers from other institutions in India and abroad.

ACCOMPLISHMENTS OF FACULTY MEMBERS

RESEARCH PAPERS

1. Kumari M, Sachar S, Saxena RK. (2012) Loss of proliferative and antigen presentation activity following active internalisation of poly-dispersed single-walled carbon nanotubes by primary lung epithelial cells. PLOS one. 7(2): e31890



2. **Saxena RK**, Bhardwaj N, Sachar S, Puri N, Khandelwal S. (2012) A double in vivo biotinylation technique for objective assessment of aging and clearance of mouse erythrocytes in blood circulation. *Transfus Med Hemother.* 39: 335–341
3. Alam A, Sachar S, Puri N, **Saxena RK**. (2012) Interactions of poly-dispersed single walled carbon nanotubes with T cells resulting in down regulation of allogeneic CTL responses in vitro and in vivo. *Nanotoxicology* (in press)
4. **Gaur R***, and Strebel K. (2012) New insights into the activity of SIVmac239 vif against human and African green monkey APOBEC3G. *PLOS one* (in press) **Corresponding author*
5. Qian S, Urban V, Dean R and **Chaudhuri BN***. (2012) The internal organisation of mycobacterial partition assembly: does the DNA wrap a protein core? *PLOS one* (in press). **Corresponding author*
6. Kumar A, **Gupta RD** and Gupta T. (2012) Highly selective optical monitoring of O₂ via multiple-channels. *RSC Adv* (in press)
7. Sharma S, **Mustafiz A**, Singla-Pareek S, Shankar Srivastava P, Sopory S. (2012) Characterization of stress and methylglyoxal inducible triose phosphate isomerase (OscTPI) from rice. *Plant Signal Behav.* 7(10): (in press)
8. **Mustafiz A***, Kumar R*, Sharma V, Samanta S, Sahoo KK, Sopory SK, Pareek A, Singla-Pareek SL. (2012) Functional screening of cDNA library from a salt tolerant rice genotype Pokkali identifies Mannose-1-phosphate guanyl transferase gene (OsMPG1) as a key member of salinity stress response. *Plant Mol Biol.* 79(6): 555-568. ** Equal contribution*
9. **Akundi RS**, Zhi L, Sullivan PG, Bueler H. (2012) Shared and cell type-specific mitochondrial defects and metabolic adaptations in primary cells from PINK1-deficient mice. *Neurodegenerative Diseases* (in press)
10. Stratz C, Bhatia HS, **Akundi RS**, Nuhrenberg T, Trenk D, Munoz E, Fiebich BL. (2012) The anti-inflammatory effects of the 5-HT₃ receptor antagonist tropisetron are mediated by the inhibition of p38 MAPK activation in primary human monocytes. *Int Immunopharmacol.* 13(4): 398-402
11. **Akundi RS**, Zhi L, Bueler H. (2012) PINK1 enhances insulin-like growth factor-1-dependent AKT signalling and protection against apoptosis. *Neurobiol Dis.* 45(1): 469-478
12. Kim HS, Je JH, Son TG, Park HR, Ji ST, **Pokharel YR**, Jeon HM, Kang KW, Kang HS, Chang SC, Kim HS, Chung HY, Lee J. (2012) The hepatoprotective effects of adenine nucleotide translocator-2 against aging and oxidative stress. *Free Radical Res.* 46(1): 21-29

ONGOING RESEARCH GRANTS

1. **Prof. Rajiv K Saxena**: Interactions of carbon nano-particles and their chemically modified forms with cells and organs in vitro and in vivo. Funded by Department of Science and Technology (2009-2012), Rs.1.35 Crores
2. **Prof. Rajiv K Saxena**: To explore the relationship between the age of erythrocytes in blood circulation and their susceptibility to stress and anemia inducing agents. Funded by Department of Science and Technology (2009-2012), Rs.35 Lakhs
3. **Prof. Rajiv K Saxena**: Interactions of poly-dispersed carbon Nanotubes with immune system: Modulation of T cell and NK cell activation process by carbon nanotubes. Funded by South Asian University (2012-2015), USD 45,000.
4. **Dr. Senthil Kumar Venugopal**: Role of microRNAs in liver diseases. Funded by Department of Biotechnology (2009-2014), Rs.70 Lakhs
5. **Dr. Senthil Kumar Venugopal**: Liver injury, regeneration and hepatic fibrosis: Development of novel therapeutic approaches using microRNAs. Funded by Department of Biotechnology (2010-2013), Rs.44 Lakhs
6. **Dr. Senthil Kumar Venugopal**: Role of profibrogenic cytokines on the expression of miRNA-150 and miRNA-194 in hepatic stellate cells. Funded by Indian Council of Medical Research (2011-2014), Rs.30 Lakhs

7. **Dr. Senthil Kumar Venugopal:** microRNA-induced epigenetic changes regulate liver regeneration. Funded by South Asian University (2012-2015), USD 45,000
8. **Dr. Ritu Gaur:** Isolation and characterization of cellular protein involved in HCV budding. Rapid Grants for Young Investigators (RGYI Grant). Funded by Department of Biotechnology (2010-2013), Rs. 25 Lakhs
9. **Dr. Ritu Gaur:** Study of molecular interactions of Human Immunodeficiency Virus/Simian Immunodeficiency Virus accessory proteins with host cell factor(s). Funded by South Asian University (2012-2015), USD 45,000
10. **Dr. Nirotpal Mrinal:** Generating a Protein-ncRNA interactome for D-V patterning genes in Drosophila. Innovative Young Biotechnologist Award (IYBA). Funded by Department of Biotechnology (2012-2015), Rs.45 Lakhs
11. **Dr. Nirotpal Mrinal:** Deciphering the chromatin switch in genes activated/repressed by Dorsal. Funded by South Asian University (2012-2015), USD 45,000
12. **Dr. Rinkoo D. Gupta:** Monolayer-based detection of organophosphorus and organosulphur pollutants. Fast Track Young Scientist Project. Funded by Department of Science & Technology (2012–2015), Rs.21.7 Lakhs
13. **Dr. Priti Saxena:** Dissecting Molecular Intricacies Mediating Host-Pathogen Interplay: Identifying Functional Role of Cellular Lipids and Lipid Metabolizing Enzymes in Mycobacterial Pathogenesis. Innovative Young Biotechnologist Award (IYBA). Funded by Department of Biotechnology (2010-2013), Rs.52.52 Lakhs
14. **Dr. Priti Saxena:** Dissecting the Functional Role of Polyketide Biosynthetic and Modifying Enzymes in the Biology of Corynebacterineae. Funded by South Asian University (2012-2015), USD 45,000

CONFERENCES/SYMPOSIA ATTENDED/PAPERS PRESENTED

1. Bhardwaj N, **Saxena RK.** (2012) Mechanism of action of the herbicide Paraquat on erythroid differentiation pathway in bone marrow of mice. 51st Annual Meeting Society of Toxicology, San Francisco, USA, March 11-15, 2012
2. Sachar S, **Saxena RK.** (2012) Evidence for a direct interaction between poly-dispersed single-wall carbon nanotubes and murine erythrocytes resulting in in vitro and in vivo cytotoxicity. Nanotech 2012, Santa Clara, California, June 18-21, 2012
3. Bhardwaj N, **Saxena RK.** (2012) Mechanism of action of the herbicide Paraquat on erythroid differentiation pathway in bone marrow and spleen of mice. XXXVI All India cell biology conference and international symposium on stress Adaptive Response and Genome Integrity, Bhabha Atomic Research Centre, India, October 17-19, 2012
4. Bhardwaj N, **Saxena RK.** (2012) Paraquat inhibits the erythroid differentiation and induced apoptosis in bone marrow of mice. 3rd International Conference on Stem Cells and Cancer (ICSCC-2012): Proliferation, Differentiation, and Apoptosis, Dr. RML Hospital, New Delhi, India, October 27 - 30, 2012
5. Sachar S, Kumari M, **Saxena RK.** (2012) Enhanced cytotoxicity of functionalized single walled carbon nanotubes on murine lung cells. 82nd Annual Session of NASI and National Symposium on Nano Science and Technology for Mankind, BHU, Varanasi, November 20 - December 1, 2012
6. Alam A, Sachar S, Puri N and **Saxena RK.** (2012) Down regulation of allogenic cytotoxic T lymphocyte responses by polydispersed single walled carbon nanotubes. 82nd Annual Session of NASI and National Symposium on Nano Science and Technology for Mankind, BHU, Varanasi, November 20 - December 1, 2012
7. **Venugopal SK.** (2012) Current Advances in Biotechnology and Medicine, Organised by Institute of Liver and Biliary Sciences, New Delhi, February 24-25, 2012
8. Damania P, **Venugopal SK.** (2012) Oncogenic Hbx Protein Induces Proliferation Of Hepatoma Cells By Enhancing MicroRNA-21 Expression. International Liver Congress, organised by European Association for the Study of the Liver, Barcelona, Spain, April 18-22, 2012. Won “Young Investigator Award”
9. Damania P, **Venugopal SK.** (2012) Oncogenic Hbx Protein Induces Proliferation Of Hepatoma Cells By Enhancing MicroRNA-21 Expression. Hepatology 360 Awards, Organised by Roche, Vienna, Austria, May 11-13, 2012. Winner of the “Best Research Paper Award”
10. **Venugopal SK.** (2012) Cellular & Molecular Techniques as a tool for tissue diagnosis. Dr V. Ramalingaswamy Oration and Hepato-pathology Update, Organized by Institute of Liver and Biliary Sciences, New Delhi, August 8, 2012
11. **Venugopal SK.** (2012) Role of non-coding RNAs in hepatocellular diseases. National Conference on Current Scenario and emerging trends in hepatocellular diseases, Organised by Pondicherry University, Pondicherry, Tamil Nadu, October 5-6, 2012
12. **Venugopal SK.** (2012) Introductory Course in Primary Immunodeficiency Diseases, Organised by Institute of Liver and Biliary Sciences, New Delhi, October 13, 2012

13. **Gaur R.** (2012) 10th Annual Symposium of International Consortium on Antivirals (ICAV) – “Antivirals for the Developing World” at ICGEB, New Delhi, India, February 7-10, 2012
14. **Gaur R.** (2012) International Symposium “Accelerating India's Response to Research for a Preventive HIV Vaccine. Organised by Department of Biotechnology, Ministry of Science and Technology at New Delhi, August 13-14, 2012
15. **Chaudhuri B. N., Gupta S., Urban V. S., Qian S., Chance M. R., D'Mello R., Dean R.** (2012) Hybrid approach to understand the organization of the mycobacterial partition filament. *Frontiers in Biophysics* Vancouver, Canada
16. **Gupta RD.** (2012) “Advances in Human healthcare systems” organized by Asian Polymer Association International Congress, IIT Delhi and Jamia Hamdard, New Delhi, February 20-23, 2012
17. **Gupta RD.** (2012) “International interdisciplinary Science Conference (I-ISC-2012) on Protein Folding and Diseases” organized by Jamia Milia Islamia, Jamia Milia Islamia, New Delhi, December 8-10, 2012
18. **Gupta RD.** (2012) “Bio-World 2012: Proteins in Disease and Disorder” organized by the Kusuma School of Biological Sciences IIT Delhi, New Delhi, December 10-12, 2012
19. **Saxena P.** (2012) “Molecular Diversity in Mycobacterial Pathogenesis”, UGC-Resource Networking National Symposium on “Microbes in Health and Agriculture” Jawaharlal Nehru University, New Delhi, March 13-14, 2012 (Invited Speaker, received Best Speaker Award in Young Scientist category)
20. **Bueler H, Sullivan P.G. and Akundi R.S.** (2012) “Mitochondrial function and morphology in primary embryonic fibroblasts and cortical neurons from PINK1-deficient mice”, Society for Neuroscience, New Orleans, LA, USA
21. **Akundi R.S., Shridas P., Zhi L., Cass W.A., Pearson, K.J. and Bueler H.** (2012) “Pink1-deficient mice as a potential model to study common mechanisms of diabetes and neuronal dysfunction”, American Society for Neurochemistry, Baltimore, MD, USA
22. **Pokharel YR, Saarela J, Wennerberg K, Szwajda A, Aittokallio T, Kallioniemi O and Westermarck J.** (2012) “Identification of novel cancer drug target proteins by integrative protein interaction and functional read-out platform (PIFR)”, 22nd Annual Bio City Symposium. University of Turku and Åbo Akademi, Turku, Finland, August 23-24, 2012
23. **Pokharel YR & Westermarck J.** (2012) PME-1 promotes MYC-mediated prostate cancer progression by regulating MYC phosphorylation and targeting proliferating genes E2F2 and NCL activation, The 25th Anniversary Symposium of the Finish Cancer institute, Tampere, Finland, August 6-7, 2012

OTHER FACULTY PARTICIPATIONS:

Prof. R.K. Saxena was nominated member of a committee constituted by the Planning Commission of India to review the Parliament Act of Nalanda University to be established in Bihar

Prof. R.K. Saxena was invited speaker at the FICCI Higher Education Summit, 2012, held in FICCI Federation House, New Delhi, November 5-6, 2012

VIII. MAJOR EVENTS

a. Invited Speakers

1. Professor Tapas Kundu. Transcription and Disease Laboratory, Molecular Biology and Genetics Unit, JNCASR, Bangalore on February 22, 2012
2. Dr. Akash Gulyani. Research Associate, University of North Carolina, Chapel Hill, USA on February 23, 2012
3. Dr. Priyanka Sharma Research Associate, German Cancer Research Center. Heidelberg, Germany on March 20, 2012

b. Guest Faculties

1. Dr. Tapan Kumar Mondal, Natinal Research Centre on DNA Finger Printing, National Bureau of Plant Genetic Resources, Pusa, New Delhi (2012). Course: Plant Biotechnology
2. Dr. Manoj Prasad, National Institute of Plant Genome Research, New Delhi (2012). Course: Plant Biotechnology
3. Prof. R. M. Pandey, Head of Department of Biostatistics, AIIMS (2012). Course: Biostatistics
4. Dr. V. K. Kashyap, Former Director, NIB, Noida, Former Director, DFSS, MHA, New Delhi (2012). Course: Medical Biotechnology, Clinical Research and IPR
5. Prof. James Gomes, School of Biological Sciences, Indian Institute of Technology, Delhi (2012). Course: Biochemical Engineering



DEAN'S REMARK

The last year has been a special one for the faculty as the first batch of MA students in Development Economics graduated with their degrees. Many of them are currently employed in research institutions across the South Asian region while some are preparing to pursue further studies. The Faculty is also preparing to start its own Ph.D. programme from 2013 to fulfil its mandate of imparting quality research training to capable students in the region. Building on our accumulated experience in the past two years and the varied expertise of our faculty members and students, we hope to establish the Faculty of Economics in the near future as a leading hub of research and teaching in the area of economic development.

Date of start of second academic session: August 2012

Degree Offered : MA in Development Economics

Number of students joined: 00

Male: 14

Female: 15

Country-wise breakup

Afghanistan: 5

Bangladesh: 4

Bhutan: Nil

India: 14

Maldives: Nil

Nepal : 3

Pakistan: 2

Sri Lanka: 1

COURSES OFFERED - TITLES AND CREDITS:

Semester I:

(Total credits: 16)

- Microeconomics-I (4)
- Macroeconomics-I (4)
- Development Economics-I (4)
- Quantitative Methods in Economics (4)

Semester II:

(Total credits: 16)

- Microeconomics-II (4)
- Macroeconomics-II (4)
- Development Economics-II (4)
- Econometrics-I (4)

Semester III:

(Total credits: 16)

- Optional Course I (4)
- Optional Course II (4)
- Optional Course III (4)
- MA Dissertation (4)

Semester IV:

(Total credits: 18)

- Optional Course I (4)
- Optional Course II (4)
- Optional Course III (4)
- MA Dissertation (6)

FACULTY MEMBERS



Prof. Partha Sen
(Professor)

Ph.D. (London School of Economics) 1984



Dr. Anirban Dasgupta
(Associate Professor)

Ph.D. (University of California, USA) 2006



Dr. Sunil Kumar
(Associate Professor)

Ph.D. (Guru Nanak Dev University, India) 2000



Dr. Rajesh Bhattacharya
(Associate Professor)

Ph.D. (Univ. of Massachusetts, USA) 2010



Dr. Rohit
(Assistant Professor)

Ph.D. (Jawaharlal Nehru University, New Delhi, India) 2010
Subject Areas & Research Details
Macroeconomics, Monetary Theory, Growth Theory, Heterodox School of Thought



Dr. Snehashish Bhattacharya
(Assistant Professor)

Ph.D. (University of Notre Dame, USA) 2010
Subject Areas & Research Details
Political Economy of Development, Informal economy



Dr. Dil Bahadur Rahut
(Assistant Professor)

Ph.D. (University of Bonn, Germany) 2006
Subject Areas & Research Details
Applied Development Microeconomics and Natural Resource Economics.



Dr. Soumya Datta
(Assistant Professor)

Ph.D. (Jawaharlal Nehru University, New Delhi, India) 2010



Dr. Sonali Roy, Ph.D.
(Assistant Professor)

Ph.D (Indian Statistical Institute, Kolkata) 2006



ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. Arsel, Murat and Dasgupta, Anirban (2012): Structural Change, Land Use and the State in China: Making Sense of Three Divergent Processes (Forthcoming) European Journal of Development Research
2. Rahut, Dil Bahadur and Micevska Scharf, Maja, 2012 Nonfarm Employment and Income in Rural Cambodia (November 2012), Asia-Pacific Economic Literature (Vol. 26, Issue 2, pp. 54-71, 2012)
3. Rahut D.B., and Micevska Scharf, Maja, 2012. Livelihood Diversification Strategies: Evidences from Himalayas, Australian Journal of Agricultural and Resource Economics (Vol-56, Issues 4, pp. 558-582)
4. Castellanos, Iván Velásquez and Rahut, Dil Bahadur 2012, Household Welfare, extreme and chronic poverty between indigenous groups of Bolivia, Journal of Poverty and Policy (Vol 4 (2), pp. 6)
5. Rahut D.B., 2012. In Search of Prosperity: Analyzing the External Trade Policy of Bhutan, Bhutan Journal of Research and Development. (Vol 1, No 1, Spring 2012, pp. 23-36)
6. Rahut D. B. 2012 & Ivan Velasquez Castellanos & Pravakar Sahoo, Performance Financial Institution in Bhutan, Asia-Pacific Development Journal (Vol 19, No.1, pp. 97-138)
7. Bhattacharya, R. And Mukherjee, A. - A critique of macroeconomics curriculum in India. International Journal for Pluralism and Economics Education. Forthcoming in 2013

BOOKS PUBLISHED:

Rohit, "It's Not Over: Structural Drivers of the Global Economic Crisis", Oxford University Press: Delhi, 2012, ISBN: 978-0-19-808841-7.

Bhattacharya, R. and Dasmohapatra, P. (editors)-Bamraj. Charchapada, Kolkata, forthcoming in Bengali language in February 2013

BOOK CHAPTERS BY FACULTY MEMBERS:

1. Rohit, "Inflation Targeting in Developing Countries: Barking Up the Wrong Tree", in Money, Finance and Macroeconomics of the Real Economy edited by Ratan Khasnobis and Indrani Chakraborty, Routledge: Delhi, forthcoming [With Anupam Das].
2. Azad, Rohit, "Towards an Understanding of India's Neoliberal Growth Trajectory" in India and the World Economy edited by Patnaik, P., Indian Council of Social Science Research (ICSSR), Delhi, forthcoming [With C. Saratchand]



3. Bhattacharya, R., Bhattacharya, S. And Sanyal, K. Dualism in the Informal Economy: Exploring the Informal Manufacturing Sector in India. Development and Sustainability: India in a Global Perspective. Banerjee, S. and Chakrabarti. A. Springer. forthcoming in 2013
4. Bhattacharya, R., Bam Front o Bam Bikalpa. Bamraj. Bhattacharya, R. and Dasmohapatra, P. Charchapada, Kolkata, forthcoming in Bengali language in 2013
5. Bhattacharya, R. Mind my Job. The Times of India Higher Education 2012. Sen, Malini. Times Books, Bennet Coleman and Company, New Delhi. 2012. ISBN: 9789380942766
6. Bhattacharya, R., Bhattacharya, S. and Sanyal, K., "Dualism in Informal Economy: Exploring the Indian Informal Manufacturing Sector", in Development and Sustainability: India in a Global Perspective, edited by Sarmila Banerjee and Anjan Chakrabarti (Springer, Forthcoming)

CONFERENCES / SYMPOSIA ATTENDED / PAPERS PRESENTED:

1. Rahut, Dil Bahadur and Micevska Scharf, Maja, 2012, Nonfarm employment and rural welfare: evidence from the Himalayas, 4th Development Conference of the GREThA-GRES, 13-15 June, 2012, Faculty of Pey-Berland, 35 place Pey-Berland, Bordeaux, France.
2. Rahut, Dil Bahadur and Micevska Scharf, Maja, 2012, Nonfarm employment and rural welfare: evidence from the Himalayas, Annual International Conference 2012 (7th Development Economics Conference of the German Economic Association), Bonn, Germany
3. Rahut, Dil Bahadur and Micevska Scharf, Maja, 2012, Non-farm employment and rural welfare: evidence from the Himalayas, Expert Group Meeting on Inclusive Development and Regional Cooperation in South and South-West Asia New Delhi, 30-31 July 2012, Venue: Conference Hall, ESCAP/SRO-SSWA, C-2 Qutub Institutional Area, New Delhi
4. Rahut, Dil Bahadur and Micevska Scharf, Maja, 2012 presented on 'Nonfarm Employment and Rural Welfare: Evidence from the Himalayas' on 19 Sept, 2012. Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University
5. Rahut, Dil Bahadur 2012, Climate Change and Adaptation Strategies in Bhutan, Climate Action Network South Asia (CANSA), Regional Consultation among researchers, civil societies and individuals in Colombo on 10th and 11th of October 2012, Colombo, Sri Lanka
6. Azad, Rohit, "Fallacies of a Self-Adjusting Unique NAIRU", Paper presented at a Joint international conference 'Political Economy Outlook for Capitalism' organised by Association Francaise d'Economie Politique (AFEP), the Association for Heterodox Economics (AHE), and the International Initiative for Promoting Political Economy (IIPPE) at Paris 1 Panthon-Sorbonne University, 5-7 July, 2012. [With Anupam Das]
7. Azad, Rohit, "Whatever Happened to the Kuznets Curve in India?", 9th International Conference 'Developments in Economic Theory and Policy', Bilbao, Spain, June 28-29, 2012.
8. Rohit, "Inflation Targeting in Developing Countries: Barking Up the Wrong Tree", Paper presented at a national conference 'Money, Finance



- and Macroeconomics of the Real Economy', Institute of Development Studies, Kolkata, April 26-28, 2012
9. Rohit, "Why neoliberal growth can never be inclusive?", 8th Refresher Course Human Rights & Social Inclusion, Academic Staff College, Jamia Millia Islamia, New Delhi, August 31, 2012
 10. Rohit, "Inflation Targeting: Where is the RBI going Wrong?", Paper presented at a national conference 'Theory and Practice of Indian Economy', 40 Years of CESP, Jawaharlal Nehru University, New Delhi, December 10-12, 2012. [With Anupam Das]
 11. Bhattacharya, R. To exploit or not to exploit: the aleatory reproduction of capital
 - a. Globalization and Development—A Symposium in Honour of Kalyan Sanyal. 19-20 April, 2012. Jadavpur University, Kolkata
 12. Bhattacharya, R. Growth, Governance and Informality: A Political Economy Perspective. Migration, Informal Work and Poverty: Interdisciplinary Perspectives. 22-23 March, 2012, Institute of Social and Economic Change, Bengaluru
 13. Bhattacharya, R. and Sanyal, K. Democracy and Capital: Postcolonial regimes of Accumulation in India. Rethinking Economic History: Circulation, exchange and enterprise in India. 14-15 March, 2012. Nehru Memorial Museum and Library, New Delhi
 14. Bhattacharya, R. and Seda-Irizaray, I. Making sense of Financialisation: Neoliberalism and the Feudalisation of Capital. Eastern Economics Association Annual Conference, 9-11 March, 2012, Boston, USA
 15. Bhattacharya, R. and Bhattacharya, S. Economic Surplus in the Informal Economy: Revisiting Tragedy of the Commons. SAP-UGC Workshop on "Employment, Social Security and Vulnerability", Department of Economics, Calcutta University, 05.01.2012.
 16. Bhattacharya, S. and Bhattacharya, R., "Economic Surplus in the Informal Economy: Revisiting Tragedy of the Commons", presented at the International Workshop on Livelihood, Employment, and Vulnerability, 5th January 2012, University of Calcutta, Kolkata, India
 17. Bhattacharya, S. and Banerjee, L., "The Laboring Precariat: The Case of Informal Manufacturing Workforce in India", presented in the session titled "Issues of Economic Development: Investment, Growth and Poverty" at the Eastern Economic Association Annual Conference, 9 - 11 March 2012, Boston Park Plaza, Boston, USA
 18. Bhattacharya, S., "Representing Class in an Informal Economy: An Alternative Dimension of Poverty" presented at the International Conference on Migration, Informal Work and Urban Poverty: Interdisciplinary Perspectives, 22 - 23 March 2012, Institute for Social and Economic Change, Bengaluru, India
 19. ***Bhattacharya, S. and Banerjee, L., "The Laboring Precariat: The Case of Informal Manufacturing Workforce in India", accepted for presentation in the panel titled "Interrogating Indian Capitalism" at the 26th Annual Conference of the British Association for South Asian Studies, 12 - 14 April 2012, Center for South Asian Studies, School of Oriental and African Studies (SOAS), University of London, London, UK
 20. ***Bhattacharya, S., "Capitalist Development and the Informal Economy in India: A Marxian Perspective", accepted for presentation at the International Conference on Political Economy and the Outlook for Capitalism (jointly organized by AHE, IIPPE, and FAPE), 5 - 7 July 2012 Paris 1 Pantheon-Sorbonne University, Paris, France.

[***The papers were accepted for presentation at the respective conferences, but faculty member finally did not attend the conferences]

PAPERS ACCEPTED AT CONFERENCES AND PRESENTED BY CO-AUTHOR

1. Bhattacharya, R. and Mukherjee, A. Evolution of property rights in a developing economy. International Conference on Public Policy and Governance. 4-6 September, 2012. Indian Institute of Science, Bengaluru
2. Bhattacharya, R. and Mukherjee, A. Encroachment as Redistribution: Optimal Security of Property. 17-19 December, 2012. 8th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi
3. Bhattacharya, R. and Seda-Irizaray, I. Making Sense of financialization: Neoliberalism and the Feudalization of Capital. VI international Conference on Political Economy and Human Rights. 4-6 October, 2012. Buenos Aires, Argentina



AWARDS / HONORS:

Dr. Dil Bahadur Rahut won the GREThA Development Conference Prize 2012

VISITS OF SCHOLARS TO THE DEPARTMENT / FACULTY:

1. Seminar under Economics Lecture Series at Faculty of Economics: "Money, Finance & Growth" on 3rd April 2012
2. Dr. Himanshu, Assistant Professor, CSRD, JNU as key speaker in the panel discussion on 'Debating Indian Poverty' on 16 April 2012
3. Dr. Arindam Banerjee, Assistant Professor, School of Liberal Studies, Ambedkar University, Delhi as key speaker in the panel discussion on 'Debating Indian Poverty' on 16 April 2012
4. Dr. Anirban Mukherjee, Indian Institute of Technology, Kanpur for delivering lecture on 'Transition of Credit Institutions in Early Modern England', on 23rd April 2012
5. Dr. Peter Custers, Independent Researcher & Writer, Netherlands, for a Seminar on 'US Presence in the Asia Pacific Region and the Military Industrial Complex', on 09 August 2012
6. Dr. Reetika Khera, Department of Humanities & Social Sciences, IIT- Delhi for a seminar on 'Revival of the PDS or Cash Transfers' on 04 Sept 2012
7. Mr. Abhijit Sen Gupta, Senior Economics Officer, India Resident Mission, Asian Development Bank at Faculty of Economics for delivering lecture on Management of Capital Flows In India on 17 October 2012
8. Dr. Jyotirmoy Bhattacharya, School of Liberal Studies, Ambedkar University for delivering lecture on 'Evidence on price-setting from Indian online retail' on 30 October 2012
9. Dr. Kaveri Gill, Senior Program Officer, IDRC, for delivering lecture on 'Evidence, Consensus, Policy: The Curious Case of Public Health in India's XII Plan' on 12 November 2012

OTHER FACULTY PARTICIPATIONS:

- Dr. Sunil Kumar, Associate Professor organised the Training & Dr Dil Bahadur Rahut helped in econometrics software like Stata, SPSS, etc. & by the following outside experts:
- Introduction to programming in Stata by Mr Vinod Tyagi, Sr. Programmer, Institute of Economic Growth on 17 Oct. to 18 Oct. 2012 (04 lectures)
- Hypothesis Testing using Excel by Rachita Gulati, Assistant Professor, IIM Kashipur on 1 November 2012 (04 lectures)
- Multivariate Data Analysis by Dr Neeraj Kaushik, Associate Professor, The Technological Institute of Textile & Sciences, Bhiwani on 8 Nov to 9 Nov 2012 (04 lectures)



Faculty of Social Sciences
DEPARTMENT OF SOCIOLOGY

DEAN'S REMARK

The Faculty of Social Sciences at South Asian University was established in 2011. The Department of Sociology is one of the two departments currently in place in the Faculty. At present, it offers MA degree programmes and hosts two batches of students; the Ph.D. and M.Phil. degree programmes are scheduled to be offered from 2013 onwards. The department's expectation is to strive to offer the best possible and the most nuanced and creative teaching program in sociology in the region. The department is confident that it has achieved much of the goals towards this end that was expected within its first two years of operation. As one of its core values, the department encourages its students to venture beyond the classroom into other areas of discourse and to consider the department as a forum for their creative energies. In this context, the department has organised music and theatre outlets for not simply for its own students but to anyone with an interest within the University. Its blog that was initially started for its own students is now open to anyone with ideas to share from any part of the world. In 2011, the founder members of the department formulated a core document detailing the plans for the department's expansion over the next ten years. All future expansion of teaching, research, recruitment and other activities of the department will be based on the principles outlined in this document.

Date of start of second academic session:
1st August 2012

Degree Offered: MA

Number of students joined: 21

Male: 12

Female: 9

Country-wise breakup

Afghanistan: 1

Bangladesh: 3

Bhutan: 1

India: 12

Maldives: Nil

Nepal : 3

Pakistan: Nil

Sri Lanka: 1

COURSES OFFERED - TITLES AND CREDITS:

Semester I (Total credits: 16)

- Sociological Theories 1 (C*/04 Credits)
- Anthropology: Theory and Ethnographic Approaches (C*/04 Credits)
- Sociology of South Asia 1 (C*/04 Credits)
- Social Stratification (C*/04 Credits)

Semester II (Total credits: 16)

- Sociology of South Asia 2 (C*/04 Credits)
- Economy and Society (C*/04 Credits)
- Research Methodology (C*/04 Credits)
- Sociological Theories 2 (C*/04 Credits)

Semester III (Total credits: 16)

- Dissertation-1: Literature Survey and Research Proposal (C*/04 Credits)
- Visual Arts and Politics Social Transformation in South Asia (Optional/04 Credits)
- Ethnicity and Nationalism (Optional /04 Credits)
- Sound and Sight in South Asia (Optional /04 Credits)
- Social Movements and Transformative Politics (Optional /04 Credits)
- Diaspora and Transnationalism (Optional /04 Credits)

Semester IV (Total credits: 16)

- Dissertation-2 (C*/04 Credits)
- O**04 Credits
- O**04 Credits
- O**04 Credits

Optional** Compulsory*

FACULTY MEMBERS



Sasanka Perera
(Professor & Dean;
Chairperson, Dept. of Sociology)

Subject Areas & Research Details
Visual arts and politics of representation; issues of urbanization and spatial politics; dynamics of education and socialisation in eradicating or promoting sectarian conflict; political violence and nationalism; diasporas and migration.



Farid Uddin Ahamed
(Associate Professor)

Subject Areas & Research Details
Ethnography of hill peoples in the Chittagong Hill Tracts; ship breaking industries on the Chittagong coast; narrative-based in-depth research on community dynamics and livelihood; ethnicity and ethnic mobilisation; indigenous land rights and resource use; globalisation-driven adaptation; anthropology of public action and non-governmentality; material culture and waste economy; diaspora and migration with a focus on Bangladeshi migrants in UK and UAE, child labour and issues of adolescents.



Ravi Kumar
(Associate Professor)

Subject Areas & Research Details
Political economy of identity politics; sociology of sociology; social theory; sociology of knowledge; social movements.



Chudamani Basnet
(Assistant Professor)

Subject Areas & Research Details
Political sociology; cultural sociology; structured inequality; historical sociology.



Dev Nath Pathak
(Assistant Professor)

Subject Areas & Research Details
Folklore studies and oral and other forms of popular media; methodology of social sciences for qualitative research; sociology of teachers' education; sociology of gender; disability studies.



Ankur Datta
(Assistant Professor)

Subject Areas & Research Details
Kashmir studies; history and memory; forced migration; violence and conflict; social anthropology and ethnography.



Diya Mehra
(Assistant Professor)

Subject Areas & Research Details
Urban ethnography



Mallika Shakya
(Assistant Professor)

Subject Areas & Research Details
Anthropology of work - labour, trader groups and industrial clusters, ethnicity and social movements.

ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. F.U. Ahamed & others (2012). 'Rethinking governance and value in commodity chains through global recycling networks,' Transactions of the Institute of British Geographers, UK
2. F. U. Ahamed (2012). 'Jhum as Shared Identity: The case of Chittagong Hill Tracts (CHT) Bangladesh,' research paper abstract in Anthropology of Global Issues, published by World Council of Anthropological Association and Association of Social Anthropologists, UK and Commonwealth
3. Ravi Kumar (2012, October); 'The Charge of Neoliberal Brigade and Higher Education in India'; in, Journal of Critical Education Policy Studies, Volume 10, Number 2, ISSN 1740-2743
4. Ravi Kumar (2012) 'Imagining a Socialist, Democratic and Secular Society through Possibilities of a Common School System in India'; in, Policy Futures in Education, Volume 10 Number, 3, ISSN 1478-2103.

BOOKS PUBLISHED:

1. Sasanka Perera (2012), Artists Remember; Artists Narrate: Memory and Representation in Sri Lankan Visual Arts. Colombo: Colombo Institute and Theertha International Artists' Collective; ISBN 978-955-4501-00-3
2. Ravi Kumar, Ed., (2012); Education and the Reproduction of Capital: Neoliberal Knowledge and Counterstrategies, New York: Palgrave Macmillan

BOOK CHAPTERS BY FACULTY MEMBERS:

1. Sasanka Perera (2012). 'Notes from an Anthropological Wilderness: A Critical Self-assessment of Sri Lankan Anthropology.' In, Ajit Danda and R. K. Das eds., Alternative Voices in Anthropology. Kolkata: Indian Anthropological Society
2. F. U. Ahamed & N. Gregson (2012). 'Death, the Phoenix and Pandora: transforming things and values in Bangladesh.' In, Economies of Recycling: The global transformation of materials, values and social relations, eds. C. Alexander and J. Reno, 59-75. June 2012, London: Zed Books
3. F. U. Ahamed (2012). 'Negotiating Boundaries: Dynamics of Identity Formation in the Chittagong Hill Tracts (CHT), Bangladesh.' In, Alternative Voices of Anthropology (eds.) by A. K. Danda and R. K. Das, June: 233 – 259, Kolkata: Indian Anthropological Society
4. Chudamani Basnet (2012). 'Civil Society Imagination in Nepal, 1990-2006.' In, Alternative Voices of Anthropology (eds.) by A. K. Danda and R. K. Das, June: 233 – 259, Kolkata: Indian Anthropological Society
5. Ravi Kumar (2012); 'Neoliberal Politics Impacting Education: Imagining Possibilities of Resistance;' in, Ravi Kumar (ed.,) Education and the Reproduction of Capital: Neoliberal Knowledge and Counterstrategies, New York: Palgrave Macmillan
6. Ravi Kumar (2012); 'Neoliberal Education and Imagining Strategies of Resistance: An Introduction;' in, Ravi Kumar (ed.,) Education and the Reproduction of Capital: Neoliberal Knowledge and Counterstrategies, New York: Palgrave Macmillan
7. Ravi Kumar (2012); 'Persistent Educational Marginalisation of Scheduled Tribes: Arguments for an Alternative;' in, Ghosh, Arun Kumar and Munda, Ram Dayal (eds.,) The Other Side of Development: the Tribal Story, New Delhi and Seattle: Konark Publishers

CONFERENCES / SYMPOSIA ATTENDED / PAPERS PRESENTED

1. Sasanka Perera Art and Social Transformation in South Asia. Lecture delivered at the SOTIS Seminar Series, Indira Gandhi National Open University, New Delhi, 22nd November 2012
2. Sasanka Perera Beyond History; Against the Present: Preliminary Thoughts on Re-imagining 'South Asia.' Keynote address delivered at the conference, 'Connecting South Asia' organized by the Theertha International Artists' Collective and the Colombo Institute for the Advanced Study of Society and Culture at the Post Graduate Institute of Archeology, Colombo, 28th September 2012
3. Sasanka Perera Knowledge(s) and their Discontents. Address delivered at the International workshop on 'Mobilizing the Information and Knowledge Society: Cross Perspectives from SAARC Countries', Indian Institute of Public Administration, New Delhi; 31st March 2012
4. F. U. Ahamed Mobilising the Information and Knowledge Society: Crossed Perspectives from SAARC Countries', International Workshop on Public Administration, March 30-31, 2012, Delhi
5. F. U. Ahamed Dynamics of Shared Identity among the Paharis in the Chittagong Hill Tracts, Bangladesh', International Symposium on Anthropology of Global Issues, 1-3 April 2012, Delhi University, Delhi

6. F. U. Ahamed, Chair, Panel 9: Natural Resource Management, International Symposium on Anthropology of Global Issues, 1-3 April 2012, Delhi University, Delhi.
7. F. U. Ahamed, 'Migration Aspirations and their Transformative Effects among Bangladeshi Migrants in UK,' CRASS Research Seminar, 10 May 2012, Cambridge University, UK.
8. F. U. Ahamed, 'Land and Language: The dynamics of identity formation in Chittagong Hill Tracts, Bangladesh', Modern South Asia Seminar, 23 May 2012, Leiden University, Netherlands.
9. F. U. Ahamed, Chair, Panel Discussion on New Quests in Sociology: Broadening Intellectual Horizons, Departmental Seminar Series- Sociology, 29 August, SAU, Delhi.
10. Chudamani Basnet, Doctoral Training in Sociology in Various Countries: Comparative Experiences and their Implications for the Practice of Sociology in Nepal. Panel Discussant on 24 June, 2012. Martin Chautari, Kathmandu, Nepal.
11. Chudamani Basnet, 'Civil Society and Macro-Politics in Nepal;' presented on July 10, 2012 at Martin Chautari, Kathmandu, Nepal.
12. Dev N Pathak, 'Theory Versus Theory: Teaching Sociological Theories in the age of Plurality', in a Seminar on Theory Question in Indian Sociology, Indian Institute of Advance Studies, Simla, on 13-14 July, 2012, at IIAS, Simla.
13. Dev N Pathak, 'Folklore and Literature via Content Analysis in Qualitative Research', In Workshop on Qualitative Research Methods in Education, by National Educational University of Planning and Administration Delhi, on 27 August 2012, at NEUPA, Delhi.
14. Dev N Pathak, 'The Social Construction of South Asia through the Prism of Cultural Forms: Cultural Sound and Sight in the Region', in, Connecting South Asia: Conference on Dynamics of Art and Culture in South Asia, organized by Theertha International Artists' Association and the Colombo Institute for the Advanced Study of Society and Culture, on 29th and 30th September 2012, Colombo, Sri Lanka.
15. Dev N Pathak, 'Cultural Forms as anchorage in teaching Media: Sound and Sight of South Asia'; in Workshop on Teaching Public Policy, Media and Law, by Centre for Culture Media and Governance (Jamia Millia Islamia, Delhi) and Rajsthan Central University, on 1-2 November 2012, Rajsthan Central University, Kishangarh.
16. Ankur Datta, 'Remaking Faith in Exile: Religion, space and memory among Kashmiri Pandit forced migrants in Jammu'; paper presented at 'On Faith: The Transformative Possibilities', Organized by the Patna Collective, India International Centre, 8-9 December 2012.
17. Ravi Kumar, 'Welfarism to Neoliberalism: Changing Forms of the Rule of Capital and Education in Britain' at All India Conference for Abolishing Commercialisation of Education and Building a Common School System organized by State Platform for Common School System, Tamil Nadu in association with All India Forum for Right to Education at Chennai, 30 June, 2012.

AWARDS / HONORS

F. U. Ahamed has recently completed a CRASSH-Wolfson Fellowship at Cambridge University, UK during April-June 2012.

VISITS OF SCHOLARS TO THE DEPARTMENT:

| DATE | TITLE OF PRESENTATION | SPEAKER(S) |
|------------|---|--|
| 17/08/2012 | Social science beyond binaries: a sociology for South Asia | Prof. Sujata Patel, Professor of Sociology, Hyderabad Central University |
| 29/08/2012 | Panel Discussion: New quests in Sociology: Broadening Intellectual Horizons | Dr. Ravi Nandan Singh, Assistant Professor, Hindu College; Dr. Jyoti Sinha, Visiting Faculty, Brown University; Sreedeeep, Research Scholar, Centre for the study of Social Systems, JNU; Nivedita Ghosh, Assistant Professor, Lady Sriram College |
| 06/09/2012 | The village and the Slum: Urbanization and India's growth story | Professor Dipanka Gupta, Professor of Sociology |
| 12/09/2012 | Visual Arts and Social Transformation | Dr. Mani Shekhar Singh Independent Researcher, New Delhi |
| 03/10/2012 | Cinema and City | Ranjini Mazumdar, Professor of Cinema Studies, JNU |
| 04/10/2012 | Politics of Art in Pakistan | Ms. Masooma Saed, Formerly of the Beacon House of National University, Lahore |
| 15/10/2012 | (Anti) Science: Methodology Beyond Positivism | Prof N. Jayaram, TISS, Mumbai |
| 17/10/2012 | Nation, Melodrama and Popular cinema - a review | Prof. Karen Gabriel, Professor, St. Stephen's College |
| 31/10/2012 | Studying Future - an alternative way of doing science | Rakesh Kapur, Alternative Future, New Delhi |
| 07/11/2012 | Subjectivity and Objectivity in Social Sciences | Prof. Susan Visvanathan, Professor of Sociology, JNU |



VISITS OF SCHOLARS TO THE FACULTY OF SOCIAL SCIENCES:

Professor Sudharshan Seneviratne (Professor of Archaeology, University of Peradeniya, Sri Lanka) presented a paper on the theme 'Politics of Reading the Past' as part of the Reading South Asia Lecture Series – 2012 on Wednesday, 11th April 2012 at FSI Hall, South Asian University. The lecture was coordinated by the Department of Sociology.

ACCOMPLISHMENTS OF THE STUDENTS:

- Students of the Department of Sociology, through their blog, Rickshaw organised a creative writing competition for new students who entered SAU in 2012. Participants as well as the winner were gifted with selected works of fiction by South Asian writers. The editorial team of Rickshaw at present consists of the following: **Ankur Datta** (Faculty Advisor); **Devika Mittal** (MA Program in Sociology, Second Year); **Anayika Chopra** (MA Program in Sociology, Second Year); **Parveen Hussain** (MA Program in Sociology, First Year); **Hitendra Roy** (MA Program in Sociology, First Year).
- **Sanjay Kataria** (3rd Semester, M.A Sociology) with Nitin Dhingra (alumni of IIM-A) wrote a book titled Economic Regulation in India and has been edited by Prof. emeritus Ishwar Chand Dhingra of Shaheed Bhagat Singh College, University of Delhi. The book, published by S. Chand and Sons Pvt. Ltd., is focused upon the latest syllabus of B. Com (P) Semester IV of University of Delhi. The book talks about the paradox of regulation of free markets (in India and all over the world).
- **Sunam Thapa** (3rd Semester, M.A Sociology) presented a paper entitled 'Consumer Culture and Koreanisation of 'Mongoloids' in Nepal' at Karvan-e-fikr, the students' seminar organised by the Department of Sociology, Jamia Millia Islamia, New Delhi on 14th and 15th March, 2012.
- **Padmini Jha** (3rd Semester, M.A Sociology) co-presented a paper with Sandeep Mahajan titled 'Digital Marketing Trends in Today's World' at Sharada University, Greater Noida at the 'Annual Festival Chorus' on 22nd February 2012, and were jointly awarded second prize.
- **Padmini Jha's** (3rd Semester, M.A Sociology) poem 'Aama' (mother) was published in the book 'Garima': Nari: Astitwa Ra Asmita Bisheshank (pg. 275). The book was published by Sajha Publications, Pulchowk, Lalitpur, Nepal, July 2012.

OTHER FACULTY PARTICIPATIONS:

Ethnographic Walk: F.U. Ahmed (assisted by Dev N Pathak) recently introduced a program of fieldwork exposure for first year MA students as part of the compulsory course titled Anthropological Theories and Ethnographic Approaches. The program, an Anthropological Exploration of Nizamuddin was geared towards familiarising students with the practice of doing ethnography, particularly in an urban setting, as an essential way of doing social anthropology, by engaging with the everyday life, culture and practices of the people.

Cinema and Society:

Faculty Coordinator: Ravi Kumar

The Cinema and Society program which was initiated in 2011 continued in 2012; the following films were screened and discussions held in the

- | | | |
|------------------------|--------------------------|--------------------------|
| 1. Butterfly | 2. Desert Flower | 3. La Lengua de Mariposa |
| 4. Shatranj ke Khiladi | 5. The Battle of Algiers | |

In addition, as part of the program a week-long film show around the theme of social movements was also launched which included the following feature films and documentaries: Zapatisa; Hazaar Chaurasi ki Ma; Ram ke Naam; The Take.



Rickshaw: The Students' Blog:

Faculty Coordinator: Ankur Datta

Student Editors: Devika Mittal; Anayika Chopra; Parveen Hussain; HitendraRoy.

Rickshaw: The Students' Blog which was initiated at the very outset of institutionalising the department itself has now evolved into a dynamic space to share ideas. It is now open for students from other departments within SAU as well as other institutions in India and beyond. Its most recent venture was to organise a creative writing competition for the incoming MA students across disciplines.

SOCIOLOGY@SAU: The Official Blog of the Department of Sociology:

Faculty Coordinator: Chair of the Department

In 2011, the Department of Sociology initiated an official blog to present its teaching, research and outreach programs as well as students activities to interested persons around the world. It offers details and pictorial record of the departments activities. More information can be accessed at: <http://sociology-sau.blogspot.in/>

Department of Sociology Seminar Series – 2012

Faculty Coordinator: Dev Nath Pathak

The 'Fortnightly Lecture Series' of the previous year has been reformulated in 2011 as the Sociology Seminar Series. The series hosted a combination of speakers, from young research scholars and teachers to celebrity scholars coming to speak on range of topics (for details, please see the section on 'visitors to the department'). The series aimed and succeeded at engineering an academic culture of debate and deliberation where participants from South Asian University (students and teachers) as well as participants from other Delhi-based reputed educational institutions interacted in a single space. The video versions of the lectures and proceedings of the series will be accessible via the department webpage from 2013 onwards.

Theatre Workshop

Faculty Coordinator: Dev Nath Pathak

A Theatre Workshop was organised by the Department of Sociology for students of SAU as a forum for their creative activities (19 March 2012- 5 May 2012). More specifically, it was meant to accomplish dramatics within academics, and it eventually resulted in the production of a short play titled 'The Birth of Dreamers' performed on 10 May 2012. The workshop and production had the latent objective of providing students with an opportunity to realise the blend of action (theatrical) and academics. For photographs and additional information, please visit the official blog of the Department of Sociology: <http://sociology-sau.blogspot.in/p/theatre-workshop.html>

Wall Magazine

Instructor-in-charge: Dev Nath Pathak

Students of the course, Sociological Theory-I (First Year; Semester 1) put up a wall magazine (three editions) exhibiting and exploring the theories emerging from the familiar social landscape of South Asia; it was an attempt to balance the academic-theoretical power between Euro-centric sociological theories and South Asian social thought; the wall magazine was read and commented upon by students and teachers from across disciplinary backgrounds (period: August 2012- December 2012).



Faculty of Social Sciences
DEPARTMENT OF INTERNATIONAL RELATIONS

DEAN'S REMARK

The Faculty of Social Sciences at South Asian University was established in 2011. The Department of International Relations is one of the two departments currently in place in the Faculty. At present, it offers MA degree programs and hosts two batches of students; the PhD and MPhil degree programmes are scheduled to be offered from 2013 onwards. The department strives to offer a dynamic academic environment for teaching and research by critically engaging with diverse theoretical and empirical understandings of related discourses. With the expectation of inculcating a holistic understanding of the subject, the teachers in the department are committed to facilitating discussions on issues of both historical and contemporary relevance. The research strengths of individual faculty members are directly linked to the department's own research identity and training priorities.

Date of start of second academic session: 1st August 2012

Degree Offered : MA

Number of students joined: 28

Male: 21

Female: 7

Country-wise breakup

Afghanistan: 2

Bangladesh: 5

Bhutan: 1

India: 14

Maldives: Nil

Nepal : 4

Pakistan: Nil

Sri Lanka: 2

COURSES OFFERED - TITLES AND CREDITS:

Semester I (Total credits: 16)

- International Relations Theory 4
- History of International Relations 4
- Comparative Politics 4
- Political Theory 4

(Four compulsory courses of 4 credits each)

Semester II (Total credits: 16)

- Security Studies 4
- The Global Economy 4
- Conflict Resolution and Peace 4
- International Relations of South Asia 4

(Four compulsory courses of 4 credits each)

Semester III (Total credits: 16)

- Research Methods 4
- International Organisations 4
- Optional I 4
- Optional II 4

(Two compulsory and two optional courses of 4 credits each)

Semester IV (Total credits: 16)

- Optional III 4
- Optional IV 4
- Dissertation 8

(Two optional courses of 4 credits and Dissertation of 8 credits)

List of Optional Courses for Semesters III (Any two of the following)

- Culture and World Politics 4
- Identity Politics 4
- Regional Integration Process 4

FACULTY MEMBERS



Dr. Siddharth Mallavarapu
(Associate Professor & Chairperson)

Subject Areas & Research Details
Disciplinary histories and pedagogies of IR in the Global South; theories of international relations; comparative politics and global governance; cognition and politics.



Prof. Rajen G. Harshe
(Visiting Professor)

Subject Areas & Research Details
Theories of International Relations; globalization and development; comparative and area studies with reference to Afro-Asian countries and India's foreign policy.



Dr. Sanjeev Kumar
(Assistant Professor)

Subject Areas & Research Details
Identity, culture and South Asia; Islamic philosophy; culture and international relations; identity of Muslims, Indian Muslim; diaspora; security and democratisation of South Asia



Dr. Dhananjay Tripathi
(Assistant Professor)

Subject Areas & Research Details
European Union (Foreign Policy, EU- South Asia Relations); security and strategic affairs; regional integration process; Indian foreign policy.



Dr. Jayashree Vivekanandan
(Assistant Professor)

Subject Areas & Research Details
International Relations theory; culture studies; diplomatic history; multilevel governance of transnational issues.



Dr. Soumita Basu
(Assistant Professor)

Subject Areas & Research Details
Critical security studies, feminist international relations and the United Nations.



Dr. Nabarun Roy
(Assistant Professor)

Subject Areas & Research Details
International relations theory; Indian foreign policy; geopolitics of South Asia; wars in the international system; great powers and middle powers in the international system; international order.



Dr. Medha Bisht
(Assistant Professor)

Subject Areas & Research Details
Political theory; South Asian Politics; international negotiations; political and strategic thought; society-State interface; strategic dimensions of non traditional security issues (water and energy).



Dr. Shweta Singh
(Assistant Professor)

Subject Areas & Research Details
Conflict transformation and peace building: theory and praxis in South Asia; international mediation and mediation success (area studies focus: Northern Ireland, Sri Lanka and Kashmir); armed conflicts in South Asia.



ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. H.M. Sanjeev Kumar (2011), 'Contested Beliefs and Fractured Faiths: The Dyslexia of Nationalisms and the Deepening Subcontinental Divide'; in, Turkish Journal of Politics 2 (2), Winter 2011: 89-101
2. H.M. Sanjeev Kumar and Sharma, Preeti (2012), 'A Mystical Search for Identity: The Contributions of Shishunala Sharif and Mirabai to the Cultural History of India'; in, International Journal of Religious Thoughts, 1(4) Winter 2012: 17-34
3. H.M. Sanjeev Kumar and Sharma, Preeti (2012), 'Fragrance of the South: Mapping the Contributions of Shishunala Sharif to Sufism'; in, Global Peace Journal, 11 (3), March 2012: 14-18
4. H.M. Sanjeev Kumar and Sharma, Preeti (2012), 'Marxist Historiography and Interpretations of Rajput Art'; in, Review of Politics, XX, January-June 2012
5. Tripathi, Dhananjay (2012), Energy Security: The Functional Area of Regional Cooperation for South Asia, Eurasia Border Review, Vol. 3 (2): pp. 91-102
6. Bisht. M (2012), 'Bhutan-India Power Cooperation: Benefits Beyond Bilateralism'; in, Strategic Analysis, September, 36:5, 707-803, Routledge

BOOK CHAPTERS BY FACULTY MEMBERS:

1. H.M. Sanjeev Kumar and Sharma 2012, Preeti, 'Mapping the Prospects of Conflict Resolution through Peace Education in a Nuclearised South Asia'; in, Education, Peace and Development, (ed.) Ravindra Kumar, Kalpaz Publications; New Delhi, 2012: 109-155 [ISBN 978-81-7835-932-8]
2. Bisht. M (2012), 'Water Diplomacy and India's National Strategy,' in, Venkatshamy and George (eds.), India's National Security Strategy: 2020 Perspectives, New Delhi: Pentagon Security International, ISBN: 978-81-8274-657-2
3. Bisht. M (2012), 'Water Issues in South Asia: Is Cooperative Security Plausible?' in, Nayak (ed.), Cooperative Security Framework for South Asia. New Delhi: Pentagon Press, ISBN: 978-81-8274-705-0
4. Wiseman, G. and Basu, S (2012), 'The United Nations'; in, Diplomacy in a Globalising World: Theories and Practices; (eds.) P. Kerr and G. Wiseman; Oxford: Oxford University Press, 2012



CONFERENCES / SYMPOSIA ATTENDED / PAPERS PRESENTED / LECTURES DELIVERED

1. Siddharth Mallavarpu, 21/09/12 – 22/09/12: Participant in a Conference at the Peace Research Institute, Frankfurt on 'The Post-Transatlantic Age: A Twenty-First Century Concert of Powers'
2. Siddharth Mallavarpu, 10/10/12 – 11/10/12: Paper presented on "International Relations and the 'Conquest of Abundance'" in an International Seminar on 'Borders in International Relations: Barriers, Buffers, Bridges, Breaches & Bazaars' at the Indian Institute of Advanced Studies, Shimla
3. Rajen Harshe, chaired a session in an international conference on "Making Sense of Modern India" organised under the auspices of Jawaharlal Nehru Memorial Museum and Library, New Delhi on September 12, 2012
4. Rajen Harshe, chaired a session in an international conference on "South Asia: Dynamics of Conflicts, Pathways to Peace" organised by Nelson Mandela Centre for Peace and Conflict Resolution, Jamia Milia Islamia University, New Delhi, on 9th November 2012
5. Rajen Harshe, Presented a paper on "Globalisation and the Nation -State" in the Plenary Session of an international seminar on "Dawning of the 'Asian Century': Emerging Challenges Before Theory and Practice of International Relations", jointly organized by Indian Association of International Studies in collaboration with Institute For Research on India for the International Studies, New Delhi, 10-12, December 2012
6. H.M. Sanjeev Kumar, Transmitting Mysticism through Colloquial Wisdom: the Contributions of Shishunala Sharif and Kabir Das to Sufism, 3rd International Conference on Peaceful Co-existence in Islam and Indian Religions with special focus on Mysticism in Islam and Indian Religions, during 11-12 March 2012, India Islamic Centre, New Delhi
7. H.M. Sanjeev Kumar, Globalisation and the Predicaments of Shared Cultural Spaces: Neo-liberal Reforms and the status of Indian Muslims, Seventh International Conference on Interdisciplinary Social Sciences, during 25-28 June 2012, at the Universidad Abat Oliba CEU, Barcelona, Spain
8. H.M. Sanjeev Kumar, Capitalism, Globalisation, Cultural Landscape and Rural Tourism, Seventh International Conference on Interdisciplinary Social Sciences, during 25-28 June 2012, at the Universidad Abat Oliba CEU, Barcelona, Spain
9. H.M. Sanjeev Kumar, Globalisation, Popular Culture and Images of Islam: Portrayal of Muslims in Bollywood Cinema, Ramifications for Indian Muslim Diaspora, 5th Global Conference-Diasporas: Exploring Critical Issues, during 29 June-1 July 2012, at the Mansfield College, University of Oxford, Oxford, U.K.

10. H.M. Sanjeev Kumar, Bollywood's Flawed Monism: Demystifying Hindi Cinema's Representation of Muslim Terrorist, ICSSR sponsored National Seminar on Terrorism in South Asia: Issues and Challenges, during 9-10 November 2012, Department of Political Science, Aligarh Muslim University, Aligarh, U.P.
11. H.M. Sanjeev Kumar (Panelist), 'Dehumanising of Dalits: A Gramscian Approach', International Seminar on Dr. B.R. Ambedkar's Contribution in Anthropology & Indigenous Education, during 29-30 March 2012, at Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha, Maharashtra
12. H.M. Sanjeev Kumar (Expert Panellist), 'Panel Discussion on Kashmir: Burdens of the Past, Prospects for the Future', on 23 March 2012, Motilal Nehru National Institute of Technology, Allahabad, Allahabad, Uttar Pradesh
13. H.M. Sanjeev Kumar (Resource Person), 'Predicaments of Domesticating the Western Notion of Human Rights', UGC Sponsored National Seminar on Human Rights in India: Theory & Practices, during 19-20 March 2012, at the Commerce, B.H.S.Arts & T.G.P. Science College, Jamkhandi, Jamkhandi, Karnataka
14. Dhananjay Tripathi, 'Regionalisation and Democracy; Conceptual Complementarity and Practical Complications: A Comparative Study of Europe and South Asia', in International Seminar on After the Arab Spring: Rethinking the Role of Regional Organisations in Supporting Democratic Governance, 22-23 November 2012, Held at Brussels, Belgium
15. Dhananjay Tripathi, 'Wagah Border Region: Bridging Indo-Pak Partition', in the Border Region in Transition (BRIT) XII International Conference, 13-16th November 2012, held at Fukuoka (Japan)/Busan (S. Korea)
16. Dhananjay Tripathi, 'Internal Security; Pretext for More Central Control or Genuine Urge for Counter Terror', in the national seminar on Indian Federalism: Intergovernmental Relations Revisited Towards a Fresh Balance of Power, , 24-25th August 2012, Vododara, (India)
17. Jayashree Vivekanandan, 'Bordering on IR? Historicising State Building in India', Borders and Boundaries in the International Relations: Barriers, Buffers, Bridges, Breaches and Bazaars, Indian Institute of Advanced Study, 10-11 October 2012, Shimla
18. Jayashree Vivekanandan, 'Cross border conservation partnerships and social sustainability in South Asia: Beyond fractured frames?', Consortium for Comparative Research on Regional Integration and Social Cohesion (RISC): Globalisation, Violence and Security: Local Impacts of the Regional Integration, 31 October- 2 November 2012, Mexico City, Mexico
19. Jayashree Vivekanandan, 'Culture as a Verb: Problematising Disciplinary Orientations in IR', annual convention on The Dawning of the 'Asian Century': Emerging Challenges before Theory and Practices of IR in India, 10-12 December 2012, New Delhi
20. Jayashree Vivekanandan : Lecture on 'Ancient or Recent? Debating the Origins of India's Strategic Practice', Department of Political Science, Delhi University, 17 October 2012, Delhi
21. Barthwal-Datta, M. and Soumita Basu, 'Regional (In)security in South Asia: A Critical Security Perspective', Indian Association of International Studies Convention, December 2012, New Delhi, 2012 (accepted for presentation)
22. Soumita Basu, 'Who produces knowledge?', Critical Reflections on the Researcher-Practitioner Relationship, Gender in Global Governance Net-work Online conference, November 2012
23. Soumita Basu, 'Interrogating the Employment of "Structural Violence" and "Emancipation" in Feminist Research on Security', International Feminist Journal of Politics Conference, University of Free State, Bloemfontein, August 2012
24. Soumita Basu, 'Gendering the UN Security Council: The Road Ahead', International Studies Association (ISA) Annual Convention, San Diego, April 2012
25. Soumita Basu, 'Agency, Security, and Emancipation', ISA Annual Convention, San Diego, April 2012.
26. Shweta Singh, 'Mediation Success, Negotiated Peace and Conflict Resolution: Lessons from Sri Lanka', IAIS Convention, 'The Dawning of 'Asian Century': Emerging Challenges before Theory and Practices of IR in India', 10-12 December 2012, New Delhi, India
27. Shweta Singh, 'You Propose, We Decide: Role of Contextual Facilitators vs. Inhibitors as Determinants of Mediation Success and Negotiated Peace'; ISA Annual Convention, 'The Politics of International Diffusion: Regional and Global Dimensions'. 03 April 2013, San Francisco: United States of America (Paper accepted)
28. Shweta Singh (Chair), Panel Discussion: "Democracy and Civil Society", 'All India American Studies Workshop', Malviya Centre for Peace Research, Banaras Hindu University, Varanasi, 20-21st September 2012, Varanasi: India
29. Shweta Singh (Chair), Panel: "Negotiating Peace", ISA Annual Convention, 'The Politics of International Diffusion: Regional and Global Dimensions'. 03 April 2013, San Francisco: United States of America

| DATE | TOPIC | SPEAKER |
|------------|--|--|
| 02/09/2011 | The Changing Situation in Nepal | Srinivasan Ramani, Senior Assistant editor, EPW |
| 13/09/2011 | The Changing Situation in West Asia | HE Ambassador Chinmaya R. Gharekhan |
| 21/09/2011 | Recent Developments in Afghanistan | Dr. Gulshan Sachdeva Associate Professor, School of International Studies, Jawaharlal Nehru University, New Delhi. |
| 28/10/2011 | European Union: History and Present Crisis | Mr. Pavel Svtil, Minister- Counselor, Deputy Head of the Delegation of the European Union to India and Bhutan |
| 15/02/2012 | Recent Developments in Pakistan (Panel Discussion) | Mr. Kuldip Nayar (Veteran Journalist); Ms. Seema Mustafa (Senior Journalist); Prof. Kamal Mitra Chenoy (Jawaharlal Nehru University); Commodore (retd.) C. Uday Bhaskar (Strategic Analyst) |
| 24/04/2012 | WTO and Developing Countries (panel discussion) | Prof. B.S Chimni (Jawaharlal Nehru University); Dr. Biswajit Dhar (Director General, Research and Information System for Developing Countries); Amit Sen Gupta (Delhi Science Forum) |
| 14/08/2012 | Political Developments in Nepal | Prof. K.M. Chenoy (Jawaharlal Nehru University); General Ashok Mehta (Member, India- Nepal Track 2 Dialogue); Srinivasan Ramani (Senior Assistant Editor, Economic and Political Weekly); D.P Tripathi (Chairman, Nepal Democracy Solidarity Committee- India) |
| 12/09/2012 | Emerging Global Powers and International Relations | Ms. Audrey Alejandro (Centre Emile Durkheim, Science Po Bordeaux) |
| 25/09/2012 | Peace Building Compared | Professor John Braithwaite (Australian National University) |
| 26/09/2012 | The India-Iran Relationship Examined through the Framework of Indian Strategic Culture | Sarang Shidore (Independent researcher) |
| 16/10/2012 | Gender and Religion in Afghanistan and Pakistan | Dr. Bina D'Costa (Australian National University, the Graduate Institute, University of Oxford) |
| 06/11/2012 | Rising Powers and Global Order: Is Peaceful Accommodation Possible? | Prof. T.V. Paul (McGill University) |
| 07/11/2012 | Economic Diplomacy | Mr. Sudhir Devare (Former Director General, Indian Council of World Affairs) |

ACCOMPLISHMENTS OF STUDENTS:

1. 'In Octolentium', the First Annual Film Festival, on 'The Many Facets and Ramifications of War', organised by the students of the DIR, SAU, 9-10 November 2012.
2. **B. P. Sandeep**, Second Prize winner at the Synthesis: The Inter-University G P Memorial Debate Competition on 'Can India Emerge as a Global Actor by 2020?', organised by the School of International Studies, JNU on 27 September 2012.
3. **Slok Gyawali** was awarded the first prize in the writing competition for first semester students, conducted by Rickshaw, the student blog of the Department of Sociology on 9 November 2012.
4. **Md. Shariful Islam**, a first semester student of the Masters Programme in the Dept. of International Relations has been a regular contributor to Bangladesh based newspapers, The Financial Express, The New Age and Daily Sun as well as an occasional contributor to the Daily Star and The Independent.

OTHER FACULTY PARTICIPTION:

1. **Soumita Basu** was elected Member-at-Large (Executive Committee Member) of the Feminist Theory and Gender Studies Section, and Executive Committee Member of the Peace Studies Section of the International Studies Association for the period 2012-2014.



DEAN'S REMARK:

Legal Studies involves the study of law subjects, systems, theory and institutions. Towards this end, the first semester LL.M. Programme 2012 of SAU provided an opportunity to study courses on: International Law, Legal Theory, Legal Research Methodology, Law, Science & Society, and Comparative Constitutional Law of SAARC Nations. The last two courses were new, which were offered by the Faculty keeping in view that the LL.M. Programme had students from the SAARC region and also the need for developing an inter-disciplinary approach to the study of law.

International Law has become the common language of relations between states. To be able to build a strong foundation for future research abilities of students, the Faculty also offers a course on the General Principles of International Law in the first semester. Besides traditional pedagogic methods of teaching, the Faculty adopted seminar methods, wherein weekly seminars were organised. Eminent law scholars from India and abroad interacted with students during seminars. The Faculty also organised discussions on contemporary topics of international law including discussion by an eminent panel on a book written by a leading legal scholar.

During the period under review, faculty members participated and presented papers in national and international conferences/seminars and workshops. Some of the faculty members were invited by law schools in India and abroad as judges in international moot court competitions; and as legal experts in India's on-going United Nations multilateral negotiations.

Date of start of second academic session:
August 2012

Degree Offered : LL.M

| | |
|-----------------------------|-----|
| Number of students joined: | 29 |
| Male: | 20 |
| Female: | 9 |
| Country-wise breakup | |
| Afghanistan: | 2 |
| Bangladesh: | 1 |
| Bhutan: | Nil |
| India: | 21 |
| Maldives: | Nil |
| Nepal: | Nil |
| Pakistan: | 3 |
| Sri Lanka: | 1 |
| Eritrea (Non-SAARC Nation): | 1 |

COURSES OFFERED - TITLES AND CREDITS:

Semester I: (Total credits: 16)

- Jurisprudence & Legal Theory 4
- Comparative Constitutional Law of SAARC Countries 4
- Legal Research Methodology 4
- International Law 4

Semester II: (Total credits: 16)

Course Name Credits

- International Environmental Law 4
- International Humanitarian Law 4
- International Trade Law 4
- Law of International Organizations 4

Semester III (Total credits: 20)

Course Name Credits

- Intellectual Property Rights (C*) 4
- International Human Rights Law (C*) 4
- International Criminal Law (O**1) 4
- Law of the Sea (O**) 4
- Conflict of Laws (O**) 4

Semester IV (Total credits: 12)

Course Name Credits

- Dissertation (C*) 8
- International Commercial Arbitration (O**) 4
- International Refugee Law (O**) 4

Optional** Compulsory*

FACULTY MEMBERS



Prof. Yogesh Tyagi
Ph.D (Jawaharlal Nehru University,
New Delhi, India) 1981
(Professor & Dean)

Subject Areas & Research Details
International Law, International
Organizations, Human Rights,
Legal Theory, Globalization.



Dr. V.G. Hegde,
Ph.D (Jawaharlal University,
New Delhi, India) 1996
(Associate Professor)

Subject Areas & Research Details
International Law,
International Trade Law,
Intellectual Property Rights.
International Water Law



Dr. Aman Ullah,
Ph.D (London Metropolitan
University, UK) 2009
(Associate Professor)

Subject Areas & Research Details
Public International Law,
Human Rights,
Constitutional Law,
Administrative Law,
Islamic Law



Dr. Luther Rangreji, Ph.D
(Jawaharlal Nehru University,
New Delhi, India) 2006
(Assistant Professor)

Subject Areas & Research Details
International Law, Law of
International Organizations, Law of
the Sea and International.
Environmental Law



Dr. Srinivas Burra, Ph.D
(Jawaharlal Nehru University,
New Delhi, India) 2002
(Assistant Professor)

Subject Areas & Research Details
International Law, International Human
Rights Law, International Criminal Law,
International. Humanitarian Law



Dr. Nafees Ahmad, Ph.D
(Aligarh Muslim University,
India) 2006
(Assistant Professor)

Subject Areas & Research Details
International Human Rights Law
International Refugee Law
Comparative Constitutional Law of
SAARC Nations, International.
Humanitarian Law



Dr. Stellina Jolly, Ph.D
(Assistant Professor)

Subject Areas & Research Details
International Environmental Law
Bio-Ethics, Legal Theory



Dr. Garimella Sai Ramani,
Ph.D (Osmania University,
India) 2006
(Assistant Professor)

Subject Areas & Research Details
Legal Theory and application
studies in constitutional
perspective; analysis of theoretical
constructs in Indian.
constitutionalism.

ACCOMPLISHMENTS OF THE FACULTY MEMBERS:

RESEARCH PAPERS:

1. Jolly, S and Kaushik, P.D, "Assessing Rule of Law: A Study of Indian States", European-Asian Journal of Law and Governance (Accepted)
2. Jolly, S., "Hazardous Waste and Environmental Justice: Developing Countries Perspective", Delhi Law Review (Accepted)
3. Garimella Sai Ramani (2012) – Rattiram Vs. Union of India – Methodology for the Special Courts, Asian Journal of International Law (Vol.7 No. 1-2): pp. 89-106
4. Ahmad, Nafees (2012) –Hate Crimes: A Global Racialistic & Xenophobic Enterprise (A Socio-Legal Genetical Understanding), International Journal of Arts & Sciences, CD-ROM. ISSN: 1944-6934: 5(6):159–240 (2012)
5. Ahmad, Nafees (2012) – Refugee: Semasiology of Definitional Dilemma (Accepted for Publication in ISIL Year Book of International Humanitarian Law and Refugee Law-2012)
6. Ahmad, Nafees (2012) – "Peace Building Measures (PBMs) and Social Healing Efforts (SHEs) by the Victims of Anti-Muslim Pogrom in Gujarat-India" (Accepted for Publication in Sociology Study (ISSN 2159-5526), a professional journal published across the United States by David Publishing Company, USA
7. Ahmad, Nafees (2012) – "SAARC: From Utopianism to Utilitarianism" (Sent For Publication) 2012.
8. Burra, S. (2012)-Chhattisgarh Killings: "What if they were/were not Maoists"? Economic and Political Weekly, (vol) XLVII, no. 33, pp. 15-17

BOOKS PUBLISHED:

1. Nafees Ahmad, "International Refugee Law and Human Rights" (A Book Publication Contract has been signed in June, 2012)

BOOK CHAPTERS BY FACULTY MEMBERS:

1. V.G.Hegde, "Contemporary Indian Perspectives on International Law" in Navnita Chadha Behera (ed.) India and the World (Survey and Exploration in Political Science by the Indian Council of Social Science Research : Oxford University Press:2013) (To be published)
2. V.G.Hegde "International Law on River Water Sharing and India" in Ishwar Bhat (ed.) Laws Governing Inter-state and International Water Disputes (WB National University of Juridical Sciences:2013) (To be published)

CONFERENCES/SYMPOSIA ATTENDED/PAPERS PRESENTED:

1. S. Jolly, A Jain, white paper on "Is Solar a solution to Blackouts in India: A case study with agriculture diesel pumps sets?" BERC Energy Symposium, organized by University of California, Berkley, USA. On 18 Oct 2012. Available link <http://berc.berkeley.edu/energy-subsidies>
2. S. Jolly, "Rule of law Basis of Transparency, Accountability and Good Governance" in the international conference on Transparency and Accountability in Governance: Issues And Challenges" organised by NLU Delhi on 13-14-Oct 2012
3. S. Jolly, "National Green India and Equity in the International conference on Climate Change" organised by International Journal of Arts and Aesthetics in Boston, Harvard, on 27-05-2012
4. S. Jolly, "Climate Change, Poverty Reduction and International law: case for Inclusive Growth", in the International Conference on Sustainable Development organised by faculty of Law, Delhi University, 17-18 Feb-2012, New Delhi
5. S. Jolly, "Intergenerational Equity and Sustainable Development", in the national seminar on Sustainable Development organised by University Institute of Legal Studies, Panjab University, Chandigarh, 15-03-2012 Chandigarh
6. S. Jolly, "Climate Change Health and Poverty: A Policy Challenge" in the national seminar on Health and Environment Linkage organized by Department of Economics, Jamia Milia University, on 16-03-2012, New Delhi
7. Sai Ramani Garimella, "Legislating against corruption-the South Asian Experience" International Conference on Human Security and Social Movement, 20-22 December 2012, Mutah, Jordan
8. Luther Rangreji, "Principles of International Environmental Law and their Contribution to Sustainable Development" International Conference on International Environmental Law organised by Faculty of Law, University of Delhi, 17-19 February 2012, Delhi
9. Luther Rangreji, "India and National Implementation of the KL-Nagoya Protocol on Liability", Asian Regional Workshop for COP-MOP 6 to the Convention on Biological Diversity, 13-14 September 2012, Hyderabad
10. Luther Rangreji, An Overview on the 11th Meeting of the Conference of Parties (COP-11) to the Convention on Biological Diversity, organised by the Indian Society of International Law, 2 November 2012, New Delhi
11. Luther Rangreji, Some Reflection on the "Future We Want: Is the 'Sustainable Development' paradigm as a guarantor of Ecological Security, under Serious Threat?" Centre for International Legal Studies, Hasanuddin University, University of Makassar, 26-27 November 2012, Indonesia
12. Luther Rangreji, attended as Special Observer the Sixth Asian Biotechnology and Development Conference, 8-9 October 2012, Hyderabad

13. Nafees Ahmad, "Transitional Justice and Constitutionalism in South Asia" - National Seminar on February 25, 2012 in Faridabad, Haryana-India
14. Nafees Ahmad, "Hate Crimes: A Global Racialistic & Xenophobic Enterprise (A Socio-Lego-Genetical Understanding)", International Conference at the Harvard University at Boston, USA on May 27, 2012
15. Nafees Ahmad, "Global Economic Cooperation: Views from G20 Countries" - attended an International Conference organised by the ICRIER on October 7-9, 2012 at India Habitat Centre, New Delhi-India
16. Nafees Ahmad, "Utility Model and Design Protection for Domestic Innovations"- attended an International Seminar organised by the ISIL & University of Washington School of Law, LISA on 14 December 2012 – New Delhi-110001
17. Srinivas Burra, presented a paper on "State Responsibility and/or Individual Responsibility: Some Reflections on the Crime of Aggression" at the Eighth International Conference of the Indian Society of International Law on the theme of 'Emerging Concerns in Public International Law', on 24 February 2012 in New Delhi
18. Srinivas Burra, presented a paper on "Combating Piracy: Legal Challenges", at the 41st Annual Conference of the Indian Society of International Law (ISIL) in New Delhi on 13 April 2012
19. Srinivas Burra, presented a paper on "A New Chapter or an Elegy: Sifting through the Process of Criminalization of International Law" at the 'International Conference on Rethinking International Law and Justice' co-hosted by the Istanbul Kültür University Faculty of Law, Queensland University of Technology, and the Institute for Ethics, Governance and Law, in Istanbul, Turkey from 24-25 September 2012
20. Srinivas Burra, presented paper on "Changing Contours of the Legal Status of International Terrorism: Implications for Human Rights and International Humanitarian Law", at the 'Second International Conference on Human Rights and Cultures' on the theme of 'Legal Cultures in Support of the Jurisprudence of Humanity', organised by the NAM Centre for Human Rights and Cultural Diversity (NAMCHRC) in cooperation with the Irish Centre for Human Rights and International Committee of the Red Cross (ICRC) in Tehran, Iran from 12-14 November 2012
21. Srinivas Burra, delivered lectures on the topic of "Law of Treaties" for the participants of the 2nd Special Course for IOR-ARC Diplomats from 30th April to 11th May, 2012 and the 55th Professional Course for Foreign Diplomats (PCFD) from 22nd August-21st September, 2012, organised by the Foreign Service Institute (FSI) New Delhi
22. Srinivas Burra, invited to judge the Twelfth Henry Dunant Memorial Moot Court Competition-2012, organised by the Indian Society of International Law (ISIL) and the International Committee of the Red Cross (ICRC) on 21 September 2012 in New Delhi
23. V.G.Hegde, attended, "Intra-country Conflict over Shared Rivers in South Asia" South Asian Regional Consultation Meeting of the Civil Society on "Framework for Cooperation on Trans-boundary Waters" organized by the Bangladesh Environmental Lawyers Association (in collaboration with IUCN and Friends of Earth) at Dhaka, Bangladesh, 13-14 October 2012
24. V.G.Hegde, delivered two lectures at a Training Workshop with Indian Forest Service Officers, "Relationship between International Law and Municipal Law: Specific Reference to TRIPs" and "TRIPs, Convention on Biodiversity and Traditional Knowledge"(organized by the Indian Society of International Law, 18 October 2012
25. V.G.Hegde, invited as Resource Person at the National Conference of High Court Judges on International Law including Extradition and Refugee Law (National Judicial Academy: Bhopal), 2-3 February 2013 (forthcoming)

AWARDS/HONORS:

- Dr. Luther Rangreji, invited to present CV and professional details by the Ministry of Environment and Forests, Government of India to be considered as a Member (Legal Expert) of the reconstituted Genetic Engineering Approval Committee (GEAC)
- Dr. Luther Rangreji, invited to present details to be considered as a member of the editorial board of the journal Asian Biotechnological and Development Review
- Dr. Luther Rangreji, elected for a third consecutive term (2012-2015) as the Governing Executive Council member of the (ISIL)
- Dr. Srinivas Burra, elected as a Member of the Executive Council of the Indian Society of International Law (ISIL) for the term 2012-2015

VISITS OF SCHOLARS TO THE DEPARTMENT/FACULTY:

1. Prof. W. Michael Reisman, Yale Law School, USA, delivered lecture on "International Law as a Profession : Identity & Commitment" under Distinguished Lecture Series at Auditorium, School of Arts & Aesthetics, JNU on 16 Jan 2012
2. Prof. Yubaraj Sangroula, former Attorney General of Nepal, delivered lectures on "Constitutionalism, Law & Development & Woman Rights in Asia" on 23, 24 & 27 Feb 2012
3. Dr. P.S. Rao, Former Chairman UN International Law Commission & Member, India-Bangladesh Maritime Arbitration Tribunal, delivered



lecture on “The Question of Legality of Use of Force: Contribution of the Institute of International Law” on 11th April 2012

4. Prof. A. Jayagovind, Former Director, National Law School of India University, Bangalore, delivered lecture on “Private and Public aspects of International Trade Law”, both on 11 & 12 April 2012
5. Professor Dr. K. Chockalingam, Formerly Vice Chancellor, M.S. University, Tirunelveli, delivered lecture on “Victimology and Human Rights of Victims” on 4th May 2012
6. Dr. Shirley Scott, University of New South Wales, Australia, delivered lecture on “International Law, US Power: The United States Quest for Legal Security”, and Interactive session with students and faculty members of Legal Studies on 18 and 19 May 2012
7. Prof. Gurdip Singh Bahri, Dean, Faculty of Law, University of Delhi, delivered lecture on “Recent developments in International Environmental Law” on 23 Aug 2012
8. Dr. Rose Varghese, Dean Faculty of Law, JMI delivered lecture on “Crimes against Women with reference to International Conventions” on 31 Aug 2012
9. Prof. A. Jayagovind, Former VC, National Law School of India University, Bangalore delivered a lecture on “Concept of Permanent Sovereignty over Natural Resources and International Trade Institutions” on 06 Sept 2012
10. Dr. Surabhi Ranganathan, Lauterpacht Centre for International Law and King's College, University of Cambridge delivered a lecture on “Should Institutions Alter Multilateral Treaties? Scholarly Proposals and Underlying Visions of International Law” on 13 Sept 2012
11. Dr. Athena Veneti, President, Institute of Sustainable Development and Management of Natural Resources Athens, Greece, delivered a lecture on “European Union and Environment: Legal and Institutional Issues” on 18 Oct. 2012
12. Ms. Shannu Narayan, Legal Officer, AALCO, delivered a Guest lecture on “Money Laundering and Transnational Organised Crime” on 05 November 2012
13. Dr. P.S. Rao, Former Chairman UN International Law Commission & Member, India-Bangladesh Maritime Arbitration Tribunal, delivered lecture on “Research Topics in International Law” on 08 November 2012
14. Prof. B.S. Chimni delivered a talk on Human Rights Day on “Refugee Rights: Law and Practice” on 8 December 2012

MISCELLANEOUS:

Book Discussion “Six Decades of Law, Politics and Diplomacy” on 16 November 2012

Chief Guest: B. Sen, Former Legal Advisor to the First Prime Minister of India

The author of Six Decades of Law, Politics and Diplomacy: Some Reminiscences and Reflections (2010)

Chair: V. S. Mani, Director, Seedling School of Law and Governance, Jaipur National University

Discussants Raju Ramchandran, Senior Advocate, Supreme Court of India; Yasukata Fukahori, Dy Secretary- General, Asian African Legal Consultative Organisation; B. S. Chimni, Chairperson, Centre for International Legal Studies, JNU

EXPERT LECTURES

1. Dr. Archana Negi delivered lecture on “Collective Security & United Nations' on 12th & 13th March 2012
2. Dr. Ravindra Pratap, Associate Professor of Law, School of Law, Justice and Governance, Gautam Buddha University, delivered lecture on 'Role of the World Trade Organization in the Development of International Law’, on 13 April 2012
3. Dr. Smruti S Pattanaik, Research Fellow, Institute For Defence Studies and Analyses delivered lecture on 'Role of SAARC as a Regional Organisation and various treaties drawn under its auspices', on 18-19 April 2012
4. Mr. M.V. Shiju, Asst Professor, Department of Policy Studies, TERI University, delivered lecture on 'General Principles of International Environmental Law & Indian Judiciary' on 27th April 2012



5. Dr. Meena Panicker, Asst Professor, Faculty of Law, University of Delhi, delivered lecture on 'Implementation of CBD and Declarations by State Parties' on 04th May 2012
6. Dr. Prabhash Ranjan, Associate Professor, National Law University, Jodhpur delivered 08 lectures (04 days) on International Investment Law with special reference to India. on 21, 23 and 26 November 2012

OTHER FACULTY PARTICIPATIONS

Dr. Stellina Jolly

1. Dr. Stellina Jolly and Mr Amit Jain published a write up on "Climate Change and Gender in South Asia: A neglected story" Available Link - <http://southasiamonitor.org/detail.php?type=sl&nid=4382>
2. Delivered lecture on Kyoto protocol at the University Institute of Legal Studies, Panjab University, Chandigarh on 9-02-2012.
3. Delivered Lecture on Rule of Law : Achievement in India at the National Law University of Delhi on 7-11-2012.

Dr. Luther Rangreji

1. Member of the panel of judges for the inaugural Prof. R.P. Anand International Law Essay Competition, 2 February 2012
2. Member of the panel of judges at the Gujarat National Law University International Moot Court Competition (GIMC), 11 February 2012
3. Provided legal and technical guidance to the establishment of the Centre of Excellence on Biodiversity Policy and Law (CEBPOL), under the National Biodiversity Authority, in Chennai, February-March 2012
4. Member of the panel of judges at the International Law Moot Court Competition, organised by the Faculty of Law, NIRMA University, 13-15 April 2012, Gandhinagar, Gujarat
5. Delivered lectures on international law for IFS probationers 2010 batch by the ISIL, 15-23 April 2012, New Delhi
6. Resource person for the National Biodiversity Authority's "International Negotiator's Training Programme", 18-19 May 2012, New Delhi
7. Lectured at the 'Summer Course on Public International Law' organised by the ISIL, 28-8 June 2012
8. Invited as an independent Legal Expert by the Ministry of Environment & Forests, Govt. of India, to the Second Meeting of the Inter-governmental Committee for the Nagoya Protocol on Access and Benefit Sharing to the Convention on Biological Diversity, 2-6 July 2012, Vigyan Bhavan, New Delhi
9. Judge at the semi-final rounds of the Henry Dunant Memorial Moot Court Competition, 20 September 2012, New Delhi
10. Participated as an independent legal expert and advisor to the Sixth Meeting of the Conference of Parties/Meeting of Parties to the Cartagena Protocol on Biosafety, 2-7 October 2012
11. Participated as an independent legal expert and advisor to the Ministry of Environment & Forests, Govt. of India, to the Eleventh Meeting of the Conference of Parties to the Convention on Biological Diversity (COP-11), 9-18 October 2012, Hyderabad attended by over 192 countries
12. Legal Consultant for the Workshop on "Introducing Plain Packaging of Cigarettes", organised by the International Union Against Tuberculosis and Lung Diseases, 7 February, New Delhi
13. Participated as legal expert on the Conference "Linkages between the Nagoya Protocol on Access and Benefit Sharing and the Indian Biodiversity Act 2005 and its Rules, organised by National Biodiversity Authority, 20 March 2012, Chennai
14. Visiting faculty at the Indian Society of International Law, New Delhi, since 1993
15. Ph.D. external examiner for students of JNU & Amity Law School
16. Visited Sri Lanka with Prof. Perera for sharing SAU Academic Programme in March 2012
17. Member of SAU Sports Committee, Gender Sensitisation Committee and Mess Committee

Dr. Nafees Ahmad

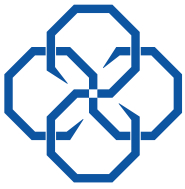
1. Delivered a lecture on “Right to Health in South Asia” under the India-Health and Human Rights Program organised by the World Learning, 1 Kipling Road, Brattleboro VT-05302, USA for A Batch of 28 US Students by its School for International Training (SIT Study Abroad) in New Delhi-INDIA on September 01, 2012 at 04:00 pm to 05:30 pm www.sit.edu/studyabroad
2. Delivered a lecture on Environmental Constitutionalism in South Asia Under the India-Health and Human Rights Program organized by the World Learning, 1 Kipling Road, Brattleboro VT-05302, USA for A Batch of 28 US Students by its School for International Training (SIT Study Abroad) in New Delhi-INDIA on October 20, 2012 at 04:00 pm to 05:30 pm www.sit.edu/studyabroad
3. Reviewed research proposals as Member of the Local Review Board on Field Work Ethics-IHHRP-USA Under the India-Health and Human Rights Program organised by the World Learning, 1 Kipling Road, Brattleboro VT-05302, USA for a Batch of 28 US Students by its School for International Training (SIT Study Abroad) in New Delhi-INDIA on November 03-04, 2012 at 03:00 pm to 06:30 pm www.sit.edu/studyabroad
4. Visiting Faculty at World Learning (WL)-India under the India-Health and Human Rights Program organised by the World Learning, 1 Kipling Road, Brattleboro VT-05302, USA for Fall Semester Batches of US Students by its School for International Training (SIT Study Abroad) in New Delhi-INDIA

Dr. Srinivas Burra

1. Authored the Moot Court Problem for the Twelfth Henry Dunant Memorial Moot Court Competition-2012 for the national and international rounds, organised by the Indian Society of International Law (ISIL) and the International Committee of the Red Cross (ICRC)
2. Article published in The Hindu (25 September 2012), 'Ecuador is on Firm Legal Ground'
3. Book Review of Julia Raue and Patrick Sutter (ed.), Facets and Practices of State-Building (Martinus Nijhoff, Leiden, Boston, 2009), Indian Journal of International Law (vol) 52, no. 1, pp. 120-22

ACCOMPLISHMENTS OF STUDENTS:

- LL.M First & Second Year students along with **Dr. Luther Rangreji** attended 'International Academic Conference – 2012 Economic Growth and Changes of Corporate Environment in Asia'
- LL.M First & Second Year students attended 'Celebration of 50 years of the Indian Advocates Act and its Relevancy in the International Context' organised by Indian Legal Institute on 22-23 September 2012 at Vigyan Bhawan, New Delhi
- An article titled 'Quest for What is Law in South Asia' by **Mohammad Rubaiyat Rahman**, LL.M First year student published in the leading National daily of Bangladesh, The Daily Star, (Law & Our Rights, Issue No: 301) December 22, 2012
- A paper titled 'Judging the Judges: Rising Standards by Ensuring Accountability' was presented by **Mr. Jayesh K. Unnikrihnan**, LL.M first year student in International Conference on Transparency and Accountability in Governance: Issues And Challenges held on 13-14 October 2012 at National Law University, Delhi, Sector-14, Dwarka, New Delhi-110078



CONSTRUCTION OF SAU CAMPUS AT MAIDAN GARHI

The Government of India has provided, free of cost, a plot of land measuring about 100 acres in the Maidan Garhi area of South Delhi, adjoining the Indira Gandhi National Open University (IGNOU) and a wild life sanctuary on which SAU main campus will be built. An Indo-Nepalese joint venture architectural firm was selected by an eminent international jury through a SAARC-wide competition. The winning architects produced an imaginative urban design master plan which has been fine-tuned by a high-powered Building Works Committee of SAU comprising expert and eminent architects, engineers and highly-experienced bureaucrats. The Master Layout plan as approved by the said committee has been submitted to the newly created South Delhi Municipal Corporation for obtaining required statutory approvals. Some amount of time was consumed due to restructuring of the erstwhile Municipal Corporate of Delhi and for realigning the SAU plot boundary to accommodate planned road widening in the area under Delhi Master Plan 2012, and consequent slight modification in the layout plan. The statutory approvals are expected sooner than later. The construction time schedule had to be revised due to the likely time involved in obtaining statutory clearances. The SAU has, through the process of global competition, selected the leading Engineering Consultancy firm of India Tata Consulting Engineers in partnership with URS Scot Wilson, a globally leading Engineering and Architectural Consultancy organisation with headquarters in USA and offices globally, including India for providing the Project Management Consultancy Services for SAU's construction project at Maidan Garhi. The Indian Institute of Technology, Delhi will do proof-checking of all structural designs of the project.

It is likely that construction activity will start at site by the middle of 2013. The works will be completed in phases and the university will be able to utilise spaces in the campus from the year 2015 in phases. Once completely built, which is expected to take 48 months, the SAU campus will be a fully residential campus with hostel accommodation to all the students, residential accommodation to all academic faculty and essential administrative support staff, besides a health centre, shopping centre, convention centre, sports and recreational facilities, cultural theatre and so on. A well-cherished goal of SAU campus is that in its ultimate shape, it should reflect a rich and proud mingle of multi-cultural audience and rich architectural diversities of the whole of the South Asian region.





ANNEXURES

Members of the Governing Board

Annexure-I

1. Afghanistan

Prof. Mohammad Osman Babury
Professor for Pharmacognosy
Deputy Minister for Academic Affairs
Ministry of Higher Education
Islamic Republic of Afghanistan
Karte-4, Kabul, Afghanistan

Chairman up to 09.03.2012;
and presently member

Prof. Abdul Quadir Amiryar
Senior Advisor for Higher Education
Ministry of Higher Education
Islamic Republic of Afghanistan
Kabul, Afghanistan

up to 01.10.2012

Prof. Aminullah Amin (Ph.D)
Associate Professor,
College of Psychology & Ed. Sciences
Kabul University, Kabul Afghanistan

w.e.f. 02.10.2012

2. Bangladesh

Prof. Dr. A. K. Azad Chowdhury
Chairman (State Minister)
University Grants Commission of Bangladesh
Agargaon, Sher-e-Bangla Nagar
Dhaka-1207, Bangladesh

Member and present
Chairman w.e.f. 10.03.2012

Mr. Syed Masud Mahmood Khundoker
Director General (SAARC & BIMSTEC)
Ministry of Foreign Affairs
Segunbagicha, Dhaka-1000, Bangladesh

3. Bhutan

Dr. Dasho Pema Thinley
Vice Chancellor,
The Royal University of Bhutan
P.O.Box No. - 708, Lower Motithang
Thimphu, Bhutan

Ms. Maina Kharga
Officiating Director
Department of Adult and Higher Education
Ministry of Education
Royal Government of Bhutan
Thimphu, Bhutan

up to 09.09.2012

Mr. Tshewang Tandin
Director General
Department of Adult & Higher Education
Ministry of Education
Royal Government of Bhutan
Thimphu, Bhutan

w.e.f. 10.09.2012

4. India

Prof. Ved Prakash
Chairman
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi – 110 002

Mr. Vikram Doraiswami
Joint Secretary (SAARC)
Ministry of External Affairs
Room No. 818, Akbar Bhawan
New Delhi -110021

up to 22.11.2012

Mr. Sridharan Madhusudhanan
Director (SAARC)
Ministry of External Affairs
Room No. 67-I, South Block
New Delhi -110011

w.e.f. 23.11.2012

5. Maldives

Dr. Hassan Hameed
Vice-Chancellor
The Maldives National University
Radhadhebai Hin'gun
Machchangolhi
Male 20372, Republic of Maldives

Ms. Fathmath Amira
Director General
Department of Higher Education
Ministry of Education, 8th Floor, Velaanaage
Ameeru Ahmed Magu
Male-20096, Republic of Maldives

6. Nepal

Prof. Ganesh Man Gurung
Chairman
University Grants Commission
Sanothimi, Bhaktapur
P.O. Box: 10796
Kathmandu, Nepal

Mr. Bharat Raj Paudyal,
Joint Secretary, South Asia & SAARC Division
Ministry of Foreign Affairs
Government of Nepal
Kathmandu, Nepal

up to 17.09.2012

Mr. Arjun Bahadur Thapa
Joint Secretary
Ministry of Foreign Affairs
Government of Nepal
Kathmandu, Nepal

w.e.f. 18.09.2012

7. Pakistan

No nomination received

8. Sri Lanka

Prof. Gamini Samaranayake
Chairman
University Grants Commission
No. 20, Ward Place
Colombo - 07, Sri Lanka

Prof. S.B.S. Abayakoon
Senior Professor in Civil Engineering
Department of Civil Engineering
University of Peradeniya
Peradeniya – 20400, Sri Lanka

9. SAARC Secretariat

SAARC Secretary General
(or his/her Representative)

H. E. Mr. Ahmed Saleem
SAARC Secretary General
SAARC Secretariat
P.O. Box No. 4222
Kathmandu, Nepal

10. South Asian University

Prof. G.K. Chadha
President
South Asian University
New Delhi

Dr. A. K. Malik
Registrar and Secretary

Members of Executive Council

Annexure-II

1. Prof. G. K. Chadha
President, SAU
Chairperson
2. Prof. Rajiv K. Saxena
Vice-President & Dean, FLSB, SAU
3. Prof. Rajen Harshe
Chairperson, Library Committee, SAU
w.e.f. 21.09.2012
4. Prof. Hamidullah Amin
Chancellor
Kabul University, Afghanistan
5. Prof. Khondoker Bazlul Hoque
Dept. of International Business
University of Dhaka
Dhaka-1000 (Bangladesh)
6. Mr. Kinga Tshering
Chief Executive Officer
DHI Infra Ltd
Thimpu, Bhutan
7. Prof. Sudhir Kumar Sopory
Vice-Chancellor
Jawaharlal Nehru University
New Delhi – 110067, India
8. Prof. Ashwin Srinivasan
Dean, FMCS, SAU
up to 11.09.2012
- Prof. Ranjan Kumar Mohanty
Dean, FMCS, SAU
w.e.f. 21.09.2012
9. Prof. Yogesh Tyagi
Dean, FLS-SAU
10. Prof. Partha Sen
Dean, FE-SAU
up to 17.05.2012
11. Prof. L. A. Sasanka Perera
Dean, FSS-SAU
12. Dr. A. K. Malik
Registrar & Member Secretary

Members of the Academic Council of SAU

Annexure-III

1. Prof. G.K. Chadha
President, SAU
Chairman
2. Prof. Rajiv K. Saxena
Vice-President & Dean, FLSB-SAU
3. Prof. Yogesh Tyagi
Dean, FLS-SAU
4. Prof. L.A. Sasanka Perera
Dean, FSS-SAU
5. Prof. Ashwin Srinivasan,
Dean, FMCS-SAU
up to 11.09.2012
6. Prof. Ranjan Kumar Mohanty
Dean, FMCS, SAU
w.e.f. 20.09.2012
6. Prof. Partha Sen,
Dean, FE-SAU
up to 17.05.2012
7. Dr. Anirban Dasgupta
Associate Dean (Chairperson), FE
8. Dr. Siddharth Mallavarapu
Chairperson,
Dept. of International Relations, FSS
w.e.f. 20.09.2012
9. Dr. Divakar Singh Yadav
Chairperson,
Dept. of Computer Science, FMCS
10. Prof. Rajen Harshe
Chairperson
Library Committee
w.e.f. 20.09.2012
11. Dr. Farid Uddin Ahamed
Associate Professor – FSS
12. Dr. Senthil Kumar Venugopal
Associate Professor – FLSB
13. Dr. Ekta Walia Bhullar
Associate Professor, FMCS
w.e.f. 20.09.2012
14. Dr. Sunil Kumar
Associate Professor, FE
w.e.f. 20.09.2012
15. Dr. Aman Ullah
Associate Professor, FLS
w.e.f. 20.09.2012
16. Prof. N. Jayaram
Centre for Research Methodology
Indian Institute of Advanced Study
Rashtrapati Niva, Shimla 171005 (H.P.)
17. Prof. Adil Najam
Vice-Chancellor, Lahore University of Management Sciences
Lahore Cantt 54792, Pakistan
18. Prof. Ainun Nishat
Vice-Chancellor, BRAC University, Dhaka, Bangladesh
19. Dr. A.K. Malik
Registrar & Member Secretary

Members of the Finance Committee of SAU

Annexure-IV

1. Prof. G.K. Chadha
President, SAU
Chairman
2. Prof. Rajiv K. Saxena
Vice-President, SAU
3. **One nominee of the Governing Board (Rule 16.1.3):**
Mr. Ahmed Yoosuf
Director (Incharge of Finance)
Ministry of Education
Velaanaage, 8th Floor, Male, Republic of Maldives
up to 21.10.2012

Mr. Ibrahim Ismail
Deputy Minister
Ministry of Education
9th Floor, Velaanaage, Male, Maldives
w.e.f. 22.10.2012
4. **Two nominees of the Executive Council (Rule 16.1.4):**
 1. Mr. M. D. Ganthune
Bursar
Department of Financial Administration
University of Peradeniya, Perdeniya - 20400, Sri Lanka
 2. Prof. Shahid Ashraf
Finance Officer
Department of Economics
Jamia Millia Islamia
New Delhi – 110025, India
5. Dr. A. K. Malik*
Registrar, SAU
6. **Two Deans of the Faculties, nominated by the President (Rule 16.1.6):**
 1. Prof. Partha Sen
Dean, Faculty of Economics, SAU
up to 17.05.2012
 2. Prof. Ashwin Srinivasan
Dean, FMCS, SAU
up to 11.09.2012
 1. Prof. Yogesh Tyagi
Dean, Faculty of Legal Studies, SAU
w.e.f. 13.09.2012
 2. Prof. Ranjan Kumar Mohanty
Dean, FMCS, SAU
w.e.f. 13.09.2012
7. Dr. A. K. Malik*
Director Finance & Member Secretary

* Dr. A. K. Malik, Registrar, is looking after the work of Director Finance, till a regular Director Finance joins SAU.





South Asian University

(A University established by SAARC nations)

Akbar Bhawan, Chanakyapuri, New Delhi - 110021 (India)

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A University established by South Asian Association for Regional Cooperation (SAARC)

Afghanistan | Bangladesh | Bhutan | India | Maldives | Nepal | Pakistan | Sri Lanka