



SAU
SOUTH ASIAN
UNIVERSITY



Annual Report 2022

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The theme for SAU Annual Report 2022 is the National Fruits of the SAARC countries.



Resilience in Adversity: Navigating Challenges and Embracing Progress

As we reflect on the year 2022, I am filled with immense pride in the strides we've made as an institution despite facing unprecedented challenges. This year has been a testament to our resilience, adaptability, and unwavering commitment to excellence.

Our journey throughout the year has been marked by numerous challenges, yet through collective determination and cooperation, we have navigated these hurdles with grace. The spirit of collaboration among our students, faculty, staff, and stakeholders has been instrumental in overcoming obstacles and achieving our shared goals.

One of the most exciting developments of the year is the nearing completion of our permanent campus, a monumental milestone in the history of South Asian University. The state-of-the-art facilities and infrastructure represent a commitment to fostering an environment conducive to innovative learning and academic excellence. This imminent shift to our new campus fills us with anticipation and excitement for the enhanced opportunities it will offer to our community. The Minister of State for External Affairs, Government of India, paid a visit to our permanent campus in Maidan Garhi towards the end of the year. He appreciated the progress on the campus construction and lauded the idea of shifting to the campus at the earliest.

Amidst the challenges, our academic programmes have continued to thrive, offering a rich tapestry

of diverse perspectives and fostering intellectual curiosity. The dedication of Faculty Members to delivering quality education, coupled with the enthusiasm of our students, has been the driving force behind our academic accomplishments. Our faculties continue to publish research articles in high-impact journals in a variety of subject areas. Four of our Faculty Members also got featured in the world's top 2% most influential scientists, published by Stanford University, USA. It is indeed a moment of great pride for the University.

I extend my heartfelt gratitude to everyone who has played a part in making 2022 a year of progress and achievement for South Asian University. Your dedication and perseverance have been instrumental in steering us through uncertain times and positioning us for a future brimming with promise.

As we look ahead, I am confident that the foundation we've built and the values we cherish will continue to guide us on our path towards excellence. Let us continue to collaborate, innovate, and inspire as we embark on this transformative journey together.

Thank you for your unwavering support and commitment to the South Asian University.

Prof. Ranjan Kumar Mohanty
Acting President



Decision Making Bodies of SAU

Governing Board (GB)

The Governing Board of the South Asian University (SAU) is the highest policy and decision-making authority of the University, which oversees the academic, administrative and financial management

of the University. It consists of two members from each of the SAARC Member States, nominated by the respective Member State, in the manner prescribed in the Regulations.

Executive Council (EC)

The Executive Council (EC) of SAU is the prime body responsible for major executive decisions. Besides senior functionaries of the SAU, the EC has four members who are nominated by the SAARC member states by rotation. The President of the SAU chairs the EC meetings. The Executive Council is vested with the powers to make teaching and other senior administrative appointments

on the recommendation of the selection Committees, fix their emoluments and define their duties. The Executive council is also vested with the powers to maintain discipline amongst the teaching, and non-teaching staff in accordance with Rules, Regulations and Byelaws and manage and regulate finances, accounts and other administrative affairs of the University.

Academic Council (AC)

The Academic Council (AC) is the custodian of academic activities of the SAU. It is vested with powers to recommend establishment and abolition of Faculties, Departments, Institutions, Inter- disciplinary Research Centres, Specialized 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 regarding admission and examinations, appointment of examiners, conferment of honorary degrees and institution of fellowships and scholarships etc.

Finance Committee (FC)

The Finance Committee of the University considers the annual accounts, financial estimates and expenditure proposals. The annual accounts and estimates of the University, duly approved by the Finance Committee,

are submitted to the Executive Council for approval. The Finance Committee deliberates upon various important issues pertaining to the University's finances. The Committee could not meet during the year under report.

SAU Administration

SAU is a relatively young University and at present administrative support is provided by the staff. Currently, there are 42 non-teaching employees in the University. The Chairperson of SAARC is the Visitor of the University. Prof. Ranjan Kumar Mohanty is the President (Offg.) of

the University and Prof. Senthil Kumar Venugopal is the Acting Vice President. At the Faculty level, administrative responsibilities are also shared by the Deans of various Faculties. Prof. Muhammad Abulaish is the Acting Registrar of the University.



KEY UNIVERSITY FUNCTIONARIES



Prof. Ranjan Kumar Mohanty
Acting President



Prof. Senthil Kumar Venugopal
Acting Vice President

Faculties / Departments



Prof. Sasanka Perera
Dean, FSS
(up to 25.05.22)



Prof. Sanjay Chaturvedi
Dean, FSS (wef 01.08.22)
Chairperson, DIR (upto 30.06.2022)



Prof. Sunil Kumar
Dean, FE



Prof. Shibnath Mazumder
Dean, FLSB



Prof. Deepa Sinha
Dean, FMCS
Chairperson, DM, (wef 11.05.22)
Assoc. Dean Students (upto 14.3.22)



Dr. Sirinivas Burra
Associate Dean, FLS



Dr. Dhananjay Tripathy
Chairperson, DIR
(wef 01.07.22)



Prof. Pankaj Jain
Director Admissions
(wef 01.10.22)



Dr. Ankur Datta
Chairperson
Dept. of Sociology



Prof. Muhammad Abulaish
Acting Registrar (wef 24.05.22)
Chairperson CS
Dir. Admissions (up to 01.10.22)



Prof. Arup Mitra
Proctor
(upto 02.11.22)



Prof. Kapil Kumar Sharma
Proctor (wef 03.11.22)



Dr. Navnit Jha
Associate Dean Students
(wef 14.3.22)

Administration & Finance



Mr. Anil Nautiyal
CLO



Mr. Keshav Datt
Director Finance



Mr. Bibhupada Tripathy
Acting Registrar (upto 23.05.22)
Dy. Registrar



Mr. Anwar Ul Haq
Dy. Registrar



Ms. Maina Kharga
Dy. Registrar



Mr. Dineshwar Gaur
Superintending Engineer



Mr. MP Kediyal
Exec. Engineer (Civil)



Mr. Hemant Mansharamani
Asst. Dir. HSS



Ms. Manori Bandara
Asst. Dir. Infrastructure



Dr. Vineet Ghidyal
Asst. Dir. ICT



Mr. Hari Prakash Mandal
Asst. Registrar



Mr. Bodapatla Mallesha
Asst. Registrar



Mr. Aheibam Prahlad
PRO



Dr. Priyadarshini
Medical Officer



Mr. Abdullah Al Modabber
Asst. Librarian

University Finances

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

of running the University is shared, on year-to basis, by all SAARC Member States and the contribution of individual Member States is governed by a formula that has jointly been evolved by the eight countries.

The operational and capital budget estimates for the 2022 are to the tune of US\$ 12.436 million and US \$ 19.69 million respectively.



Major Highlights of the Year

Indian External Affairs Minister (State) visited South Asian University new campus

Dr. Rajkumar Ranjan Singh, Union Minister of State for External Affairs and Education, Government of India, visited the new campus of the South Asian University in Maidan Garhi to take stock of the developments on 28 December 2022. Mr. Rudrendra Tandon, Additional Secretary, BIMSTEC and SAARC, Government of India, was also present during the campus visit. The Minister was received by the university officials led by Prof. Ranjan Kumar Mohanty, Acting President, SAU. He was shown a detailed presentation about various aspects of the campus. Later, the university officials took him around the buildings and facilities.

The construction of the new SAU campus was carried out under three packages wherein under Package-I, boundary walls were constructed at a cost of INR 2.19 crore in January 2016. The first set of five buildings was taken up under Package-II with a tendered value INR 401.58 crore in June 2016 while seven other buildings and facilities for other services such as water supply, sewers, roads, electricity and utility buildings were taken up under Package-III with a tendered value of INR 588.38 crore.

It may be mentioned that the new campus bagged the much coveted and highest "Five Star" Griha Rating for its efforts to conserve the environment during the construction and operation stages of the project. The certification is based on a variety of environment-friendly practices followed regarding Site Planning, Water Strategy, Energy Efficiency, Waste Handling Strategy, Social Impact and Transportation Planning.

The Minister appreciated the way the campus had



developed and especially made a mention of following the green building norms and zero wastage on rainwater harvesting.

SAU Faculty Members in the top 2% scientists of the world



Four SAU faculty members, all from the Faculty of Mathematics and Computer Science - Professor Ranjan Kumar Mohanty, Dr. Jagdish Chand Bansal, Professor Muhammad Abulaish and Professor Pranab Kumar Muhuri have made it to the top 2% most cited scientists worldwide. The selection is based on the top 100,000 scientists by c-score or a percentile rank of 2% or above in the sub-field. The report is based on the Sept 1, 2022 snapshot from Scopus, updated to end of citation year 2021. The worldwide ranking of scientists is done by experts from Stanford University, USA.





Admissions

The process of admission at South Asian University (SAU) began with the launching of a social media campaign and the announcement in major newspapers of all the SAARC countries. Exhaustive information detailing the admission process, eligibility criteria, feedback mechanism, details of admission volunteers and other related information were uploaded on the University website. Candidates can comfortably register and apply online from anywhere in the world. Each application was thoroughly scrutinized to ensure that applicants met the minimum eligibility criteria to appear for the entrance test. Admit cards for the entrance test were made available to download from the online admission portal by the eligible applicants. All candidates were informed by email. A common entrance test was conducted simultaneously in all SAARC countries except in Maldives (where there were no candidates) on 28-29 May 2022.

One test centre each was set up in Afghanistan (Kabul) and Nepal (Kathmandu) while two centres each were set up in Bangladesh (Dhaka & Chittagong), Bhutan (Thimphu & Kanglung) and Pakistan (Karachi & Lahore) and Sri Lanka (Colombo & Jaffna). Considering the large number of candidates and the wide geographical spread, 27 test centres were set up in different cities in India viz. Ahmedabad, Bangalore, Bhopal, Bhubaneswar, Chandigarh, Cochin, Dehradun, Delhi, Guwahati, Hyderabad, Indore, Jaipur, Kolkata, Lucknow, Mumbai, Patna, Pune, Raipur, Ranchi, Srinagar, Trivandrum, Varanasi, and Vizag. Most of the SAARC Member States had appointed/nominated Nodal Officers to help and interact with SAU on all matters related to the conduct of the common entrance test. The University received full

cooperation from the Nodal Officers in each Member State.

A total number of 5476 candidates applied for the Masters and Doctoral programmes. Out of these, 3972 appeared in the entrance test. Offers of admission were sent to 802 candidates out of which 222 finally joined. South Asian University strictly follows the prescribed quota system to ensure representation of students from all the Members States of SAARC. Merit lists are prepared country-wise and the competition is only amongst candidates within each country. Seats left unfilled for any country are filled by students from other countries on merit basis, as per the SAU rules.

Country-wise quota for students from SAARC Countries:

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

Admission Data in Excel Sheet for both Masters and PhD with all the details: No. of applications, No. of candidates who appeared in the entrance test, shortlisted, admissions offered, accepted and joined, country-wise, programme wise, etc. as done in previous years



Detailed Data of Masters Students regarding Entrance Test and Admission for the Academic Year 2022-23

Country/ Programmes	MA (Applied Mathematics)			MA (Biotechnology)			MA (Computer Science)			MA (Economics)			MA (Int'l Relations)			MA (Master of Law)			MA (Sociology)			Total		
	2022-23			2022-23			2022-23			2022-23			2022-23			2022-23			2022-23			2022-23		
	No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates		
	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined
Afghanistan	39	8	6	41	8	4	146	17	9	173	12	7	143	5	4	34	13	6	36	11	1	612	74	37
Bangladesh	1	0	0	10	5	3	8	4	2	4	1	1	12	6	2	8	1	1	13	9	4	56	26	13
Bhutan	13	7	7	7	5	5	4	1	1	11	4	2	7	4	2	0	0	0	6	5	2	48	26	19
Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nepal	0	0	0	3	2	2	3	1	0	6	2	0	3	2	2	8	2	1	0	0	0	23	9	5
Pakistan	1	1	1	1	0	0	2	1	0	1	1	0	3	3	2	6	4	2	2	1	1	16	11	6
Sri Lanka	1	0	0	1	0	0	0	0	0	1	1	1	6	2	2	2	2	2	4	2	2	15	7	7
Total Above	55	16	14	63	20	14	163	24	12	196	21	11	174	22	14	58	22	12	61	28	10	770	153	87
India	269	33	14	378	43	11	56	25	13	890	27	11	1181	21	15	325	20	15	312	32	15	3411	201	94
International	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total (Enrolled)	324	49	28	441	63	25	219	49	25	1087	48	22	1355	43	29	383	42	27	373	60	25	4182	354	181

Detailed Data of PhD Students regarding Entrance Test and Admission for the Academic Year 2022-23

Country/ Programmes	MA (Applied Mathematics)			MA (Biotechnology)			MA (Computer Science)			MA (Economics)			MA (Int'l Relations)			MA (Master of Law)			MA (Sociology)			Total		
	2022-23			2022-23			2022-23			2022-23			2022-23			2022-23			2022-23			2022-23		
	No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates			No. of Candidates		
	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined	Applied	Offered	Joined
Afghanistan	10	0	0	19	1	1	16	1	1	50	2	2	56	0	0	16	1	1	13	0	0	180	5	5
Bangladesh	4	1	1	3	0	0	4	2	2	2	1	1	7	1	1	10	0	0	10	2	2	40	7	7
Bhutan	4	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	1
Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nepal	5	1	1	3	1	1	3	0	0	6	0	0	8	2	2	4	1	1	8	1	1	37	6	6
Pakistan	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	15	0	0
Sri Lanka	1	0	0	1	1	0	1	0	0	1	0	0	0	0	0	2	2	1	2	0	0	8	3	1
Total Above	24	3	3	30	4	2	25	3	3	59	3	3	72	3	3	34	4	3	33	3	3	277	23	20
India	197	3	3	126	4	3	38	4	3	110	4	3	249	3	3	113	3	3	185	3	3	1018	24	21
International	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (Enrolled)	221	6	6	156	8	5	63	7	6	1169	7	6	321	6	6	147	7	6	218	6	6	1295	47	41

Comparison of year-wise admitted masters students in 2021 and 2022

Country	All Masters Admissions	
	Admitted in 2021	Admitted in 2022
Afghanistan	37	37
Bangladesh	25	13
Bhutan	16	19
Maldives	1	0
Nepal	13	5
Pakistan	5	6
Sri Lanka	2	7
Total Above	99	87
India	97	94
International	0	0
Total	196	181

Comparison of year-wise admitted PhD students in 2021 and 2022

Country	All Masters Admissions	
	Admitted in 2021	Admitted in 2022
Afghanistan	7	5
Bangladesh	5	7
Bhutan	1	1
Maldives	0	0
Nepal	6	6
Pakistan	1	0
Sri Lanka	1	1
Total Above	21	20
India	21	21
International	0	0
Total	42	41

Information on Scholarships / Stipend / Freeships

The following Scholarships/Stipend/Freeships are available to students admitted to SAU in the Academic Session 2022-23:

President's Scholarship (For MA / MSc and LLM students only):

Two scholarships are offered for each Master's programme: one to the student scoring the highest marks in the Entrance Test in the Indian list and the other to the student scoring the highest marks in the non-Indian list (South Asian countries other than India) who finally join the University. *The scholarship is offered for two years and it is renewed in the second year subject to satisfactory performance in first year. Details are as follows:

The President's Scholarship comprises: Tuition fee waiver + Hostel fee waiver (if applicable) + INR 7,000/- per month as living allowance. Awardees also receive an amount of INR 10,000/- (applicable to non-Indian students) and INR 5,000/- (applicable to Indian students) as a "Start-up Allowance" at the beginning of their tenure so as to meet part of their inbound travel cost and book purchases etc., and the same amount as a "Pack-up Allowance" at the end to cover their outbound travel and excess baggage cost.

The continuation of the President's Scholarship for the subsequent year is subject to the recipients obtaining the CGPA not less than 5.5 (Science stream – Biotechnology, Computer Science and Maths) and 5.0 (Non-science stream – Economics, Sociology, International Relations and Law) at the end of the 2nd semester. If the concerned awardee fails to secure the minimum CGPA, the President's scholarship shall be discontinued.

SAARC India Silver Jubilee Scholarship for Master's and PhD Programmes:

SAARC India Silver Jubilee Scholarships (SJS), instituted by the Ministry of External Affairs (MEA), Government of India, are offered for Master's and Doctoral level studies to meritorious students coming from one of the following list of eligible countries specified by the MEA: Afghanistan, Bangladesh, Bhutan, Maldives and Nepal. The MEA has made available 75 SJS for Master's level students and 25 SJS for doctoral level

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

Award of SJS scholarship to First Year Masters students:

In each programme, one scholarship will be awarded to top-ranking students in terms of their performance in the entrance examination from each of the eligible countries with two to three scholarships awarded to female candidates. If there are not sufficient number of country representations, then the scholarship will be given to the next rank holder, irrespective of which of the eligible country(ies) he / she belongs to. The scholarships may be extended in the second year provided the awardees secure a minimum CGPA of 6.0. If the concerned awardee fails to secure the minimum CGPA, the SJS shall be discontinued.

The Silver Jubilee Scholarship comprises: Tuition Fee waiver + Hostel Fee waiver + living allowance of INR 7,000/- per month (Master's level programmes) or INR 25,000/- per month (PhD programmes). Awardees also receive an amount of INR 10,000/- as a "Start-up Allowance" at the beginning of their tenure so as to meet part of their inbound travel cost and book purchases etc., and the same amount as a "Pack-up Allowance" at the end to cover their outbound travel and extra baggage cost.





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

Two SAU Merit Scholarships are available in each Masters programme and awarded as per the following criteria:

Indians: Based on the performance in the entrance test, the second top merit student (among Indian students) is awarded with SAU Merit Scholarship, which excludes President Scholarship holder, who finally joins the University.

Non-Indians: Based on the performance in the entrance test, the second top merit student (among Non-Indian students) is awarded SAU Merit Scholarship, which

excludes the holders of President and Silver Jubilee Scholarship (SJS), who finally joins the University.

These scholarships are offered for two years and will be renewed in the second year subject to meeting the renewal criteria. Details are as follows:

SAU Merit Scholarship will be renewed in the second year provided the awardees secure a minimum CGPA of 5.0 (Science stream – Biotechnology, Computer Science and Maths) and 4.5 (Non-science stream – Economics, Sociology, International Relations and Law). If the concerned awardee fails to secure the minimum CGPA, the SAU Merit Scholarship shall be discontinued.

The SAU Merit Scholarship comprises: Tuition fee waiver + Hostel fee waiver (if applicable) + INR 5,000/- per month



as living allowance.

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

SAU Financial Support based on income criteria (For MA / MSc and LLM students only):

SAU provides two types of financial support at Masters Level to deserving candidates viz. SAU Freeship with Stipend and SAU Freeship (without Stipend):

1. SAU Freeship with Stipend: Tuition fee + hostel fee (if applicable) waiver + INR 5,000/- stipend per month as living allowance
2. SAU Freeship (without Stipend): Tuition fee + hostel fee (if applicable) waiver

These are offered to economically weaker students depending on their family income. The Scholarship Award Committee determines the income level by taking into account various factors such as past

practices followed by the university to determine this level, applications received, funds available etc. These will be duly notified in due course. Students who wish to apply for SAU Freeships may do so upon joining the university. The application for SAU Freeship should be accompanied by documents that disclose the total family income such as:

- a) Income tax returns
- b) An income certificate issued by a government body / agency
- c) Any other document, which is approved by a government agency / body / official that clearly states the total family income

The following documents are not considered towards providing valid proof of family income – affidavits, letters issued by private employers, bank account statements unless corroborated.

Wrongful disclosure of family income, concealing any material fact pertaining to family income or submitting forged documents may attract strict disciplinary action. The Scholarship Award Committee may refer such matters to SAU's Proctor.

SAU Tuition Fee Waiver for PhD Students:

All PhD students receive tuition fee and hostel fee waiver.

Financial Support from SAU for PhD Programmes:

Currently, the Financial Support for PhD students is INR 25,000/- per month and is awarded to students not receiving any kind of scholarship / sponsorship or JRF from the agencies like UGC / CSIR / DBT / ICMR etc. or similar agencies in other SAARC countries. Any PhD student, who undertakes regular or full time employment, after the mandatory residential requirement given in SAU bye-laws, shall immediately inform the same to SAU's Admissions & Examinations Department for the termination of the financial assistance.

Duration of Scholarships / Freeships:

In all cases, Scholarships and Freeships are designed to cover the entire duration of the academic programme to which a student is admitted. However, renewal in subsequent year(s) depends on satisfactory academic performance and maintenance of hostel/university discipline, which will be reviewed at the end of the each year. All recipients of scholarships and freeships must therefore be regular in attending classes and make full efforts in sustaining and improving their academic performance. Maximum duration of SAU PhD Scholarship is for 5 years.

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

PhD fellowships from external agencies:

PhD students who have qualified for JRF from the agencies like the Indian UGC / CSIR / DBT and ICMR, or similar agencies and/or sponsors in other countries may avail of the fellowship as per the terms and conditions of the granting agencies. However, if they receive fees and hostel allowances, these will be recovered from them to the extent of their allowances.

No student can avail of two scholarships at any one time.

While the SAU has a liberal policy with regard to awarding freeships to students from economically weaker families, it is not guaranteed that all applicants necessarily receive some scholarship or freeship. Students must be prepared to meet the deficit from their own sources.

Disclaimer: In case of any typographical or unintentional errors in the rules, regulations, bye-laws etc., the decision of the President will prevail.

** If a scholarship holding student withdraws his/her admission 30 days after enrolment/registration (26th July,) his/her scholarship will not be ordinarily transferred to the next student. Even if transferred in rare circumstances, the benefits shall be awarded from the date of the award. In no situation, the new awardee shall be entitled to benefits of the scholarship retrospectively.*

Annual Worth of Scholarships / Freeships Awarded (per student):

President's Scholarship to Master's programmes:

INR 169,000/- per year (Non- Indian students);
INR 164,000/- per year (Indian Students)

SAARC Silver Jubilee Scholarship:

Master's programmes: INR 169 000/- per year
Doctoral programmes: INR 385,000/- per year

SAU Merit Scholarship:

INR 135,000/- per year

SAU PhD Scholarship with full tuition & hostel fee waiver and living allowance:

INR 375,000/- per year

SAU Freeships (with stipend):

INR 135,000/- per year

SAU Freeship (without stipend):

INR 75,000/- per year



SAU Gold Medal

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

academic batch 2020-2022. Listed below are the Gold Medalists.

Sl. No.	Name of Student	Programme
1	Fizza Suhel	M.A. Economics
2	Arnav Sharma	LLM
3	Sayantani Datta	M.Sc. Biotechnology
4	Nidhi Yadav	M.Sc. Applied Mathematics
5	Sunny Mishra	M.Sc. Computer Science
6	Udyan Devkota	M.A. International Relations
7	Apoorv Katoch	M.A. Sociology



Prof. G. K. Chadha Library

The University Library was established to fulfil the academic and research need of the students and the staff of the South Asian University. The current Library spreads over a total area of 4500 square feet. The library functions seven days a week from 9:00 am to the next day at 6:00 am. The reading rooms on the Mezzanine Floor and 8th Floor are open round the clock.

Library Collections / Resources

The Library has text and reference books and journals covering all subject areas of SAU. Library resources include around 15500 volumes of books, 482 e-books, CD/DVD 260, 6000 e-journals, and 20 databases. Library subscribes to e-Resources i.e.

Databases

- ACM Digital Library
- Access World News (NewsBank)
- *criticalcollective.in* (CC)
- EPWRF Research Database
- Scienconow (Faculty 1000)
- HeinOnline
- Indiastat
- ISID
- IEEE
- J-Gate@eShodhSindhu
- Kluwer Arbitration
- Manupatra
- MathSciNet
- SCC Online
- Secret Files from World Wars to Cold War
- South Asia Archive
- CapEx
- Prowessdx
- States of India
- Westlaw Asia™

e-Journals

- AAAS Journals
- American Economic Association
- American Society of Microbiology
- Cambridge University Press
- Economic and Political Weekly
- Journal of the Ramanujan Mathematical Society

- Jstor
- Nature
- Oxford University Press
- PNAS
- Sage
- SpringerLink
- Taylor & Francis

eBooks

- Cambridge University Press
- Encyclopaedia Britannica Academic
- Oxford University Press
- Oxford Handbook Online
- Collected Courses of the Hague Academy of International Law
- Taylor & Francis

Tools

- Grammarly, TurnItIn, Urkund, EZproxy, Summon

Services

The Library provides a broad range of services that includes Circulation (Lending Service), Access to physical and virtual Bookshelf, Online Public Access Catalogue (OPAC) with Library 2.0, Current Awareness Service (CAS), Full-text Journals, Online Database, Integrated Search Facility, Indian Digital Library, Inter-Library Loan through DELNET, Online Article request by J-Gate Plus and Reference.

Off-campus access

Prof. G. K. Chadha Library provides off-campus access to subscribed electronic resources through the EZproxy. It also introduced INFED (based on Shibboleth) provided by the INFLIBNET Centre. All valid library members can avail this service using their login credentials of Library or SAU Wi-Fi.

Cyber Centre

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





Photo: Screenshot of Library Home page

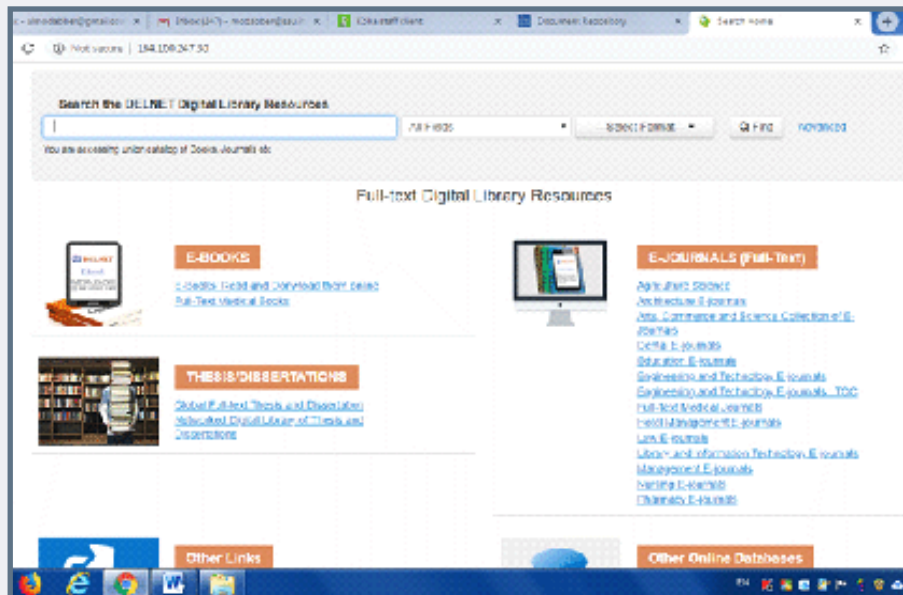


Photo: Screenshot of DELNET website

Integrated Search Facility

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

Inter-Library Loan

University Library is a member of DelNet (Developing Library Network); library members can send their loan requests for a book from member institutions in India and some other countries through the Inter-Library Loan service of the DelNet.

Online Article Request from other Libraries (J-Gate Plus)

Access to J-Gate@eShodhSindhu, an e-journal discovery platform using which users find journal articles subscribed by the South Asian University and other academic institutions. Users can send a request for full-text articles not subscribed by the SAU but available with the other member libraries.

Integrated Library System (Koha)

University Library uses Integrated Library System Koha (<http://library.sau.ac.in>) that extends its Library 2.0 technology facilities to the patrons. Patrons can search physical holding, customise their user profile, subscribe to RSS feed, get notified by auto email, hold or reserve an item, create their private/public book

list, share item list, comment, tag, rate any item, look into search history, view most popular books, check borrower status, link with the online social network, etc. using this system.

Automation

The Library uses RFID, EM Gate and digital library assistant for the organisation, retrieval and security of the physical resources.

Library Events

The covid-19 situation allowed to organise several user awareness sessions organised via online.

Library Statistics 2020

Book purchased: 42 volumes worth approx. 1.95 lakh

Donated books: 57 volumes

Subscription: E-Resources subscribed worth approx. INR 70 lakhs only.

e-Journal	6000
e-Database	20

Library Site Visit:

Total sessions by the visitors: 11375

Total number of visitors: 5035

Visitors from 104 countries visited the site.

Permanent Campus Construction

Update on Construction Work at the South Asian University (SAU) Campus at Maidan Garhi

Last couple of years have been quite challenging for SAU project. The construction of the permanent campus was slowed down due to various hurdles, such as COVID lockdowns, frequent NGT bans, several encumbrances on allotted land and the absence of PMC nearly 9 months. In spite of multiple challenges, the construction work progressed and recently, 5 buildings under Package-II (Life Sciences and Earth Sciences Building, 3 blocks of Staff Housing and Club & Guest House) were completed and University shifted to new campus after the Occupancy Certificate (OC) is received from Municipal Corporation of Delhi (MCD) in November 2022.

Although, these buildings were complete in December 2020, the Project Architect applied for obtaining the OC in July 2022 after completion of the mandatory land scape work and tree plantation around the completed buildings along with some art work. MCD conducted several inspections in the month of August 2022, before deciding on Occupancy Certificate which paved the way for shifting of University to new lush green environment friendly Campus at Maidangarhi, New Delhi.

Construction of Boundary wall in the remaining available unencumbered area is also in progress. There is no DJB water supply to the campus. To meet the water demand, 14 bore wells have been dug for water supply and these are fully operational now. The electrical connection for the campus was released by M/s BPRL in the month of March 2022 and the campus is energized now. After continuous pursuance, DDA has also moved their construction team at ground for paving/carpeting of Gaushala Road which was pending for more than a decade.

The construction of remaining 7 buildings under package-III is also 80% complete. Three buildings housing, Faculty of Physics, Chemistry, Mathematics and Computer Science; Faculty of Law & Humanities and the administration building, will also be completed in near future and will be habitable by mid of 2023. The new Campus will pave the way for expansion of the University in a wholesome way.

The new campus has huge infrastructure and services. Maintenance of huge assets is a big challenge for SAU. Setting up a full-fledged Engineering Department is top most need and priority of the University to ensure proper maintenance and expansion of SAU campus.









Faculty of Economics

Mango – The National Fruit of India

Faculty of Economics

During the academic year of 2022, the Faculty of Economics kept its academic standing by doing cutting-edge research, providing excellent teaching, and collaborating with renowned academic institutions in South Asia. The research focus of the faculty members and the students covered a variety of themes, from core topics in economic theory to applied economics utilizing state-of-the-art econometric techniques. The faculty members published a number of research papers in reputed national and international journals. In addition to their publications, the faculty members carried out funded research projects for a number of national and international organizations.

In order to provide the Ph.D. students with state-of-the-art training in data analysis, two workshops were organized. The first workshop was mostly about getting data out of large datasets and analyzing it afterward with STATA. Dr. Pratap Chandra Mohanty (IIT Roorkee) and Dr. Sunaina Dhingra (OP Jindal Global University, Sonipat) were the primary resource persons. The second workshop covered the theme of Geographic Information System (GIS). The workshop was conducted by Er. Sharad Chandra Mainali (Instructor at Kathmandu University), Er. Maheshwor Karki, and Er. Sudarsan Gautam (both Instructors at Ministry of Land Management, Cooperatives, and Poverty Alleviation).

The Faculty of Economics has hosted many well-known economists in our weekly seminar series, such as Prof. Ramprasad Sengupta, Dr. Rohit Azad and Prof. Aparna Sawhney (JNU, New Delhi), Prof. Souvik Chakraborty (Political Economy Research Institute, University of Massachusetts in Amherst), Prof. Debapriya Sen (Toronto Metropolitan University), Prof. Alex Thomas (Azim Premji University, Bengaluru) and Dr. Amlendu K Dubey (IIT Delhi).

Students Admitted and Country-wise Break-up

Name of Programme: MA

Batch: 2022

Afghanistan	04	Maldives	0
Bangladesh	01	Nepal	0
Bhutan	02	Pakistan	0
India	06	Sri Lanka	01
Other	0		

Name of Programme: Ph.D

Batch: 2022

Afghanistan	02	Maldives	0
Bangladesh	01	Nepal	0
Bhutan	0	Pakistan	0
India	03	Sri Lanka	0
Other	0		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Sunil Kumar	Guru Nanak Dev University, India, 2000	Dean & Professor	Applied Econometrics; Banking; Industrial Development
	Arup Mitra	Delhi School of Economics, University of Delhi, India, 1993	Professor (Since Aug 2022)	Development Economics; Urban Development; Labour and Welfare; Corruption; Industrial Productivity; Growth and Employment; Services Sector; Gender Inequality
	Anirban Dasgupta	University of California, USA, 2006	Associate Professor (Senior Grade) on EOL since 16 December 2022	Poverty and Inequality; Agricultural Development
	Soumya Datta	Jawaharlal Nehru University, India, 2010	Associate Professor	Macroeconomic Theory; Nonlinear Dynamics; Complex Systems
	Binoy Goswami	Gauhati University, India, 2013	Assistant Professor (Senior Grade)	Agricultural Economics; Environmental Economics; Macroeconomics
	Namrata Gulati	Indian Statistical Institute, New Delhi, India, 2011	Assistant Professor (Senior Grade)	Development Economics; Applied Microeconomics; Industrial Organization
	Snehashish Bhattacharya	University of Notre Dame, USA, 2010	Assistant Professor	Political Economy; Economic Development; Economic Methodology
	Debdatta Saha	Indian Statistical Institute, New Delhi, India, 2013	Assistant Professor (Senior Grade)	Industrial Organization; Competition Policy; Applied Game Theory
	Ridhima Gupta	Indian Statistical Institute, New Delhi, India, 2015	Assistant Professor (Senior Grade)	Agricultural Economics; Environmental Economics

Grants and Fellowships Conferred on Members of the Faculty

Rachita Gulati, Sunil Kumar, Anup Bhandari, "Performance Benchmarking of School Education in India: A Study of Uttar Pradesh and Bihar, A ICSSR Project under Research Programme Scheme, Amount: INR 15 Lacs

Editorial / Reviewing and Refereeing Appointments

Mitra, Arup, Reviewed for World Development, Land Use Policy, Journal of Social and Economic Development, Indian Journal of Labour Economics, Review for Economic Analysis and Policy, Applied Geography, Review for Structural Change and Economic Dynamics, Economic Modelling, Helion, International Journal of Social Economics, Labour and Industry, Urban Affairs Review, Journal of Public Affairs, the Bulletin of Economic Research, Review of Development Economics, Asian Development Review, IASSI Quarterly: Contributions to Indian Social Science, Journal of Economic Studies, Technology in Society, Geo Journal

Mitra, Arup, editorial for Regional Economic Development Research, City Diversity Indian Journal of Labour Economics

Saha, Debdatta, Reviewed for Millennial Asia (Sage), Journal of Economic Studies (Emerald)

Gupta, Ridhima, Reviewed Journal Articles for Environment and Development Economics

Datta, Soumya, Reviewed two articles for Nonlinear Dynamics and one article for Metroeconomica

Kumar, Sunil, Reviewed journal articles for Omega, Applied Economics, Singapore Economic Review

Appointments to Memberships of National / International Bodies

Mitra, Arup, appointed as a member of the Technical Advisory Committee (TAC) on Statistics of Prices and Cost of Living (SPCL). The TAC on SPCL is a permanent body, being constituted from time to time by the Government of India to deliberate, advise and approve Price Statistics related matters of State Governments & Union Territories and Ministries/Departments of Union Government.

Mitra, Arup, continues as member of the Expert Group

on fixation of Minimum Wages and National Floor Wages, Ministry of Labour & Employment, Govt of India

Saha, Debdatta, Member of Asia Competition Association, Republic of Korea since December 2022.

Gupta, Ridhima, Steering Committee member from South Asia of the Sustainable Energy and Transitions Initiative (SETI)

PUBLICATIONS

Edited Volume

Das A. K., Goswami, Binoy, and Bezbaruah M P (ed.) *Agricultural Factor Markets and India's Small Farmers*, SAGE: India, ISBN: 978-93-5479-233-5

Article / Chapter in Book

Mitra, Arup (2022). "Labour in the Process of Development" in *Role of Labour in India's Development* (Publication to Commemorate 'Azadi Ka Amrit Mahotsav') by V.V. Giri National Labour Institute, 2022"

Dasgupta, A., and Goswami, Binoy, "Agrarian Transformation: Prospects and Pitfalls" in S K Bhaumik (ed.) *Enhancing Agricultural Productivity and Farmer Incomes in Bihar*, SAGE: India, chapter 5, pp. 81-99, ISBN: 978-93-5479-542-8

Goswami, Binoy, Das A. K., and Bezbaruah M P., "Introduction" in A. K. Das, B. Goswami, M P Bezbaruah (eds.) *Agricultural Factor Markets and India's Small Farmers*, SAGE: India, 2022, chapter 1, pp. 1-14, ISBN: 978-93-5479-233-5

Goswami, Binoy and Giri, M., Land Market I: "Realities and Suggested Reforms in Rental Arrangement" in A. K. Das, B. Goswami, M P Bezbaruah (eds.) *Agricultural Factor Markets and India's Small Farmers*, SAGE: India, 2022, chapter 2, pp. 15-46, ISBN: 978-93-5479-233-5

Giri, M. and Goswami, Binoy, "Reviving and Remodelling the Agricultural Extension Service" in A. K. Das, B. Goswami, M P Bezbaruah (eds.) *Agricultural Factor Markets and India's Small Farmers*, SAGE: India, 2022, chapter 7, pp. 159-205, ISBN: 978-93-5479-233-5.

Arora, Nitin and Sunil Kumar (2022), "Country Risk Analysis: Theory, Methodology, and Applications" in *Modern Indices for International Economic Diplomacy*

by Ali Emrouznejad, and V. Charles (ed.), Springer, UK, pp. 213-232.

Article / Chapter in Journal

Tripathi, Sabyasachi and Mitra, Arup (2022): "Shedding light on unnoticed gems in India: A small town's growth perspective" in *Land Use Policy*, Vol. 120, 2022, Elsevier.

Mitra, Arup; Shrivastav, Puneet Kumar and Singh, Guru Prakash: "Livelihood Volatility in the Urban Labour Market Reflections from the Quarterly Panel Data (PLFS, 2017-18)" in *Economic and Political Weekly*, Vol. LVII, No. 35, August 27, 2022.

Mitra, Arup, "Pandemic and Job-loss in the Urban Areas: Broad Patterns, Correlates and Lessons for Employment Planning", *Asian Profile* Vol. 50, No.3. 2022

Kumar, Neeraj and Mitra, Arup (2022): "Poor child health with prosperity" in *South Asia Watch*, July 2022.

Mitra, Arup (2022) : "Does Services Sector Encourage Migration and Reduce Poverty?," *The Indian Journal of Labour Economics*, in *Springer The Indian Society of Labour Economics* (ISLE), vol. 65(1), pages 1-18, March.

Mitra, Arup (2021). "Sustainable urbanisation in India: The informal sector perspective" in *Labour & Development*, Vol.28, Issue 2, December, 2021, p92-107. (Published in 2022)

Mitra, Arup (2021). "Technology, Productivity growth and productivity employment trade-offs" in *Productivity: A Quarterly Journal of the National Productivity Council*, Vol.62, Issue 2, (July2021- Sep 2021), p103-111. (Published in 2022)

Bhattacharya, Snehashish, 'Contradictions and Crisis in the World of Work: Informality, Precarity and the Pandemic' (with Lopamudra Banerjee and Surbhi Kesar), *Development and Change*, Volume 53, Issue 6, pp. 1254-1282, DOI: 10.1111/dech.12733

Chugh, Kabir, Namrata Gulati, and Tridip Ray. "Neighbourhood and the Perception of the Quality of Medical Treatment" in *Arthaniti: Journal of Economic Theory and Practice* (2022):09767479211064145. Sage Journal

Bansal Pooja, Sunil Kumar, Aparna Mehra and Rachita Gulati (2022), "Developing Two Dynamic Malmquist-Luenberger Productivity Indices: An Illustrated

Application for Assessing Productivity Performance of Indian Banks", in *Omega: The International Journal of Management Science*, Vol .107 DOI:10.1016/j.omega.2021.102538

Bansal Pooja, Aparna Mehra, and Sunil Kumar (2021), "Dynamic Metafrontier Malmquist Luenberger Productivity Index in Network DEA: An Application to Banking Data" in *Computational Economics*, DOI: 10.1007/s10614-020-10071-9. (Published in 2022)

Mund, Kailash, Menakshi Kaushal, Q.M.Danish Lohani and Sunil Kumar (2021), "Interval type-2 fuzzy DEA: An application" in *Mathematics in Engineering, Science & Aerospace (MESA)*, Vol. 12, Issue 2, p 357-371. (Published in 2022)

Rachita Gulati, Sunil Kumar, S. Chinngaihlian, Rajendra Raghumanda and Prabal Bilantu (2022); "Governance, Efficiency and Soundness of Indian Banks" a DRG report published by DEPR, RBI Mumbai

Keynote Addresses and Invited Talks

Bhattacharya, Snehashish, 'University, Social Imaginary, and the Role of Critical Inquiry: The Discipline of Economics and Beyond', invited talk at the Roundtable Discussion on 'University, Economics, and Social Imagination', organized by Rethinking Economics India Network, held at Jawaharlal Nehru University, New Delhi, India, on 12 June 2022.

Goswami, Binoy, "Environmental Challenges Confronting South Asia: Focus on Resource Use Intensity" at a national seminar on 'Emerging Socio-economic and Cultural Issues of South Asian Nations towards Developmental journey in the Post-colonial Era' organized by the Department of Economics, Women's College, Silchar, July 25, 2022.

Goswami, Binoy, "Conducting a Primary Survey: Survey Errors, Sample Size, Sampling Techniques and Questionnaire Design" in a workshop on Research Methodology organized by the Department of Economics, Cotton University, July 6, 2022.

Papers Presented and Lectures Delivered

Mitra, Arup, "Pandemic and the National Exodus" joined as a panelist at "TMYS Review" Urban Thinkers Lab on Contemplating Urban Precarity in Post COVID Cities on May 13, 2022 in New Delhi organised by the National Institute of Urban Affairs (NIUA) in partnership with the University of Wolverhampton

and Urban Studies Foundation, United Kingdom

Mitra, Arup, "Research Methodology Workshop focusing on Large Scale Data Analysis" during June 13-18, 2022 organised by the G B Pant Social Science Institute (A Constituent Institute of University of Allahabad), Prayagraj

Mitra, Arup, "India: Marching towards 100. Dialogues on Growth and Inequality" panel session held on 10th December 2022, Organised by Shiv Nadar University

Bhattacharya, Snehashish, 'Postcolonial Capitalist Development: A Marxian Reconceptualization', invited lecture delivered at the Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi India, on 19 April 2022.

Bhattacharya, Snehashish, 'Contradictions and Crisis in the World of Work: Informality Precarity, and the Pandemic' (with Surbhi Kesar and Lopamudra Banerjee), paper presented online at the '23rd Annual Association for Heterodox Economics (AHE) Conference', organized by Association for Heterodox Economics (AHE), held at SOAS, University of London, London, United Kingdom, on 6 - 8 July 2022

Saha, Debdatta, "Innovation, AI/ML and the Enterprise: Review of Trends in Developing Countries with an Application in Firm Performance" (joint with Prof Timothy Young, University of Tennessee, USA) at the Asia Pacific Innovation Conference, 28 - 29 October 2022 at the Inha University, Republic of Korea

Saha, Debdatta "Predicting firm performance and size using Machine Learning with a Bayesian Perspective" (joint with Prof Timothy Young, University of Tennessee, USA) at the IndiaLics International

Conference 2022 on India's Innovation System @ 75: Achievements, Limits and Way Forward Organized by School of Humanities and Social Sciences, IIT Indore, held virtually during 21 - 23 December 2022.

Gupta, Ridhima, "Does Traffic Congestion Pose Health Hazards? Evidence from a highly congested and polluted city" at the 2022 EAERE (European Association of Environmental and Resource Economics) Conference in Rimini Italy, June 28 - July 1, 2022

Gupta, Ridhima, "The Impact of Temperature on Worker Absenteeism in the Indian Manufacturing Sector" at the Environment for Development (EfD) Sixteenth Annual Meeting in Kampala Uganda, 22 - 26 September, 2022

Gupta, Ridhima, "The Impact of Temperature on Worker Absenteeism in the Indian Manufacturing Sector" at the 17th Annual Conference on Growth and Development at the Indian Statistical Institute, Delhi, 19 - 21 December 2022

Kumar, Sunil, "Identifying bank productivity convergence clubs: Evidence from India" at the Vietnam Economist Annual Meeting (VEAM) 2022 organized by Foreign Trade University, Hanoi, Vietnam on 23rd - 24th November, 2022

Edited Volume

Gupta, Ridhima, Consultant on a project funded by the World bank and led by several institutions such as IIT Delhi, IIASA etc. to develop an air quality modelling and management system for the Indo-Gangetic Plain states. I completed the cost effective analysis on IIASA's GAINS model.

Visit of Scholars to the Faculty / Special Lecture

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation	Convenor / Organiser
1	April 12, 2022	<i>Entropy Law and the Current Existential Crises - Covid -19 Pandemic and Extreme Climatic Events: How Humans can survive</i>	Prof Ramprasad Sengupta, Professor Emeritus of Economics, Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi	Faculty of Economics
2	August 10, 2022	<i>An Indian Green Deal</i>	Rohit Azad, Jawaharlal Nehru University, New Delhi and Souvik Chakraborty, PERI, University of Massachusetts, Amherst	Faculty of Economics

3	September 14, 2022	<i>A microeconomic analysis of subsistence</i>	Debapriya Sen, Toronto Metropolitan University, Canada	Faculty of Economics
4	October 13, 2022	<i>The Politics of Microeconomics</i>	Alex Thomas, Azim Premji University, Bengaluru	Faculty of Economics
5	October 14, 2022	<i>Central Bank's Anticipation of Adoption of Inflation Targeting and its Effect on Inflation</i>	Amlendu K Dubey, IIT Delhi	Faculty of Economics
6	October 19, 2022	<i>Economic Geography and Export Behaviour of Manufacturing Plants in India</i>	Aparna Sawhney, Jawaharlal Nehru University, New Delhi	Faculty of Economics

Training Workshop on Extraction of Data from Large-scale Datasets and Post-extraction Analysis using STATA

The Faculty of Economics organized an online Training Workshop on Extraction of Data from Large-scale Datasets and Post-extraction Analysis using STATA, during 14-24 February 2022. Dr. Pratap Chandra Mohanty, IIT Roorkee, Dr. Sunaina Dhingra, OP Jindal Global University, Haryana, and Mr. Ishwor Adhikari, Research Scholar, Faculty of Economics, SAU, conducted the training workshop

Workshop on Geographic Information System (GIS) during 18 April 2022 to 01 May 2022

The Faculty of Economics organized an online GIS workshop between 18 April 2022 to 01 May 2022. GIS method is increasingly used in advanced research on wide-ranging economic issues given the large and freely available data sources ranging from climate data to agriculture. Data on night light, temperature and precipitation are being increasingly used in economic research. The purpose of this workshop was to train post graduate and doctoral students in Economics in GIS method using spatial data in their research work.

The workshop was conducted by Er. Sharad Chandra Mainali (Instructor at Kathmandu University) and

Er. Maheshwor Karki, and Er. Sudarsan Gautam (both Instructors at Ministry of Land Management, Cooperatives and Poverty Alleviation).

Edited Volume

Goswami, Binoy and **Giri, Maheshwar**, Land Market I: Realities and Suggested Reforms in Rental Arrangement in A. K. Das, B. Goswami, M P Bezbaruah (eds.) Agricultural Factor Markets and India's Small Farmers, SAGE: India, 2022, chapter 2, pp. 15-46, ISBN: 978-93-5479-233-5

Giri, Maheshwar. and Goswami, Binoy, Reviving and Remodelling the Agricultural Extension Service in A. K. Das, B. Goswami, M P Bezbaruah (eds.) Agricultural Factor Markets and India's Small Farmers, SAGE: India, 2022, chapter 7, pp. 159-205, ISBN: 978-93-5479-233-5.

Sehgal, Konica presented a paper titled "Evaluating the impact of Students' Perceptions of the classroom environment and Teacher Beliefs & Attitudes on student outcome" at the 21st Annual Conference of the Indian Association of Social Science Institutions (IASSI) held during 13-15 June 2022 at the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, India.





Faculty of Legal Studies

Pomegranate – The National Fruit of Afghanistan

Faculty of Legal Studies

The FLS organized 13 Lectures / Talks / Discussions under its Seminar/Webinar Series during the year 2022. FLS organized six guest Lectures on International Space Law (online) by Mr. Kiran Mohan Vazhapully, Senior Legal Officer, Asian-African Legal Consultative Organization (AALCO), New Delhi. FLS also collaborated

with Faculty of Law, University of Colombo, Faculty of Law, University of Punjab, Lahore, Maharashtra National Law University, Mumbai and Jindal Global Law School, Sonipat in organizing a South Asian Post Graduate Law Conference which was held virtually on 25-26 November 2022.

Students Admitted and Country-wise Break-up

Name of Programme: LLM

Batch: 2022

Afghanistan	06	Maldives	–
Bangladesh	01	Nepal	01
Bhutan	–	Pakistan	02
India	15	Sri Lanka	02
Other	–		





Name of Programme: MPhil. / Ph.D.


Batch: 2022

Afghanistan	01	Maldives	–
Bangladesh	–	Nepal	01
Bhutan	–	Pakistan	–
India	03	Sri Lanka	01
Other	–		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation / Interest
	Dr. Ravindra Pratap	Jawaharlal Nehru University, New Delhi, India, 2002	Associate Professor	International Law, International Trade Law, International Dispute Settlement, Legal Interpretation, Legal Systems of South Asia
	Dr. Srinivas Burra	Jawaharlal Nehru University, New Delhi, India	Associate Professor & Associate Dean	International Law, International Human Rights Law, International Criminal Law, International Humanitarian Law, Law of the Sea
	Dr. Stellina Jolly	Panjab University, Chandigarh, India	Associate Professor	International Environmental Law, Bio-Ethics, Private International Law
	Dr. Prabhash Ranjan	King's College, London, UK	Associate Professor	International Economic Law, International Investment Law, World Trade Law

	Dr. Nafees Ahmad	Aligarh Muslim University, Aligarh, India	Assistant Professor	International Refugee Law, International Human Rights Law, Comparative Constitutional Law of SAARC Nations, Public International Law, International Humanitarian Law, International Constitutional Law International Media Law
	Dr. Sai Ramani Garimella	Osmania University, Hyderabad, India	Assistant Professor	Legal Theory, Private International Law, International Commercial Arbitration

Awards / Honours / Special Recognition

Ahmad, Nafees, “Examined & Conducted Viva-Voce on the Topic *“Right to information Act, 2005: Challenges in the light of recent legal developments and the way forward”*, A LL.M. Dissertation By Ms. Sanaf Yaseen, University of Kashmir on May 02, 2022

Ahmad, Nafees, “Examined & Conducted Viva-Voce on the Topic *“Bangladeshi Migrants in Assam: Policy, Law and Practice”* A Draft Ph.D. Thesis By Ms. Shivani Dutta, National Law University of India, Bangluru on 22 September 2022

Jolly, S. Rapporteur, 21st Informal Asia–Europe Meeting (ASEM) Seminar on Human Rights: *“Human Rights & Climate Change”*, 16 – 18 March 2022, Luxembourg
<https://asef.org/wp-content/uploads/2022/08/ASEMHRS21-Seminar-Report.pdf>

Jolly, S. Visiting Senior Research Associate, Centre for Private International law in Emerging Countries, University of Johannesburg, South Africa
<https://www.uj.ac.za/faculties/law/Pages/Institute-for-Private-International-Law-in-Africa.aspx>

Jolly, S. Visiting Professor, Maharashtra National Law University, Mumbai, India <https://mnlumumbai.edu.in/vaf.php>

Grants and Fellowships Conferred on Members of the Faculty

Pratap, Ravindra, INR 100000/- for the international conference on International Law and the SAARC Region in Times of Crisis.

Garimella, Sai Ramani - Open Banking in a Fragmented Data World: The Complexity of Jurisdiction The University of Sydney, Australia - India Development Fund (IDF) (2020-2021), Mapping the challenges of privacy and

security protection in data outsourcing from Australia to India and the jurisdiction-related concerns in cross-border digital transactions often claimed to be “de-territorialized”. Grant value – 10,000 AUD (co-awarded research grant with Prof. Jeanne Huang)

Editorial / Reviewing and Refereeing Appointments

Burra, Srinivas, Editor, ASIANSIL Voices, the blog of the Asian Society of International Law (ASIANSIL), <https://www.cambridge.org/core/blog/2022/10/12/asiansil-voices-blog-series/>.

Burra, Srinivas, Peer reviewer for Asian Journal of International Law, Cambridge International Law Journal Indonesian Journal of International Law and oxford Bibliographies.

Burra, Srinivas, Coedited a ‘Symposium on Early Career International Law Academia’, published at Opinio Juris, <http://opiniojuris.org/2022/03/21/symposium-on-early-career-international-law-academia-introduction/>, and *Afronomics Law*, <https://www.afronomicslaw.org/category/analysis/symposium-early-career-international-law-academia-introduction>.

Burra, Srinivas, External examiner for the doctor theses of University of Dhaka, National Law School of India University, Bengaluru and National Law University Odisha, Cuttack.

Burra, Srinivas, Reviewed the courses of Public International Law and International Humanitarian Law to be offered in the January-May 2023 semester of the National Law University Odisha, Cuttack.

Jolly, S. Editorial Board Journal of Environmental Law, Bangladeshi Journal of Socio Legal Studies, NUJS

International Journal of Legal Studies and Research.

Jolly, S. Peer Reviewer, Journal of Private International Law, Commonwealth Journal of Legal Education, Journal of World Intellectual Property, (Wiley) Journal of Legal Studies, (Wiley), Journal of Climate Change, (Springer) Tilburg Law Review, International journal of Public Policy, Ocean Year Book, Review of European Comparative and International Environmental Law, Indian Journal of International Law

Jolly, S. (books) Springer, Edward Elgar, Oxford University Press, Cambridge Press, Routledge, and Hart

Appointments to Memberships of National / International Bodies

Ahmad, Nafees, Member, Advisory Board, Iranian Journal of International and Comparative Law (IJICL)

Ahmad, Nafees, Member, SAU Scholarship Award Committee (SAC)

Ahmad, Nafees, Member, SAU Gender Sensitization Committee (GSC)

Ahmad, Nafees, Coordinator, FLS Seminar / Webinar Series

Jolly, S. Member, Asian Development Bank Network of Environmental Law Champions
<https://www.teachenvirolaw.asia/profile/stellina-jolly>

Jolly, S. International Law Association, India Branch

Jolly, S. Advisory Council, Centre for Private International Law, Gujarat National Law University (GNLU)
<https://gnlu.ac.in/Private-International-Law/Team>

Jolly, S. World Commission on Environmental Law

PUBLICATIONS

Books (Multiple Authors)

Garimella, Sai Ramani - *Enforcement of Foreign Arbitral Awards and the Public Policy Exception - Revisiting the New York Convention* (Springer, 2021) (with Bruno Zeller & Gautam Mohanty)

Article / Chapter in Book

Burra, Srinivas, 'Is International Criminal Justice in the Pursuit of Human Rights?', in Borhan Uddin Khan and

Md. Jahid Hossain Bhuiyan (eds) *Human Rights and International Criminal Law*, Leiden | Boston: Brill | Nijhoff, 23-48, 2022, 9789004447455.

Burra, Srinivas, 'India's Refugee Protection Obligations Beyond the 1951 Refugee Convention and the 1967 Protocol', in S. Irudaya Rajan (ed), *The Routledge Handbook of Refugees in India* Oxon: Routledge, 183-191, 2022, 9781032374567.

Jolly, S. Moosa, H. 'Building Disaster Resilient Coastal Cities: An Assessment of Coastal Regulation Laws and Judicial Statements in India' in *Handbook of Disaster Research*, Amita Singh (ed), Springer (2022), 1-12, ISBN 78-981-16-8800-3

Jolly, S. Kamthan, M. 'Covid 19, Climate Change and Gender: Examining the Role of Indian Legal Framework' in *Women's Rights International Studies on Gender Rights and Pandemic Effects*, Vol 3, Mônica Sapucaia Machado, Denise Almeida De Andrade, Chiquita Howard Bostic (eds), Erechim – Deviant Brazil (2022) 135-158, 978-65-89033-09-7

Ahmad, Nafees, "Pandemic and Pluralism in India: Reflections on Ontological Framework of the Right to Religion and International Human Rights Law" in *The Principle Foundations of Global Peace: A Way Forward for Better Future*, IBP, New Delhi, pp. 251-308, ISBN: 9789391659158

Garimella, Sai Ramani - "Research in International Law" in Manoj K. Sinha & Deepa Kharb (eds) *Legal Research Methodology* (Indian Law Institute & Lexis Nexis, 2022) 47 (with B. Parthiban)

Garimella, Sai Ramani - 'Ringfencing Data? – Perspectives on Sovereignty and Localisation from India' in Poomintr Sooksripaisarnkit & Dharmita Prasad (eds.) *Blurry Boundary of Public and Private International Law - Towards Convergence or Divergence Still?* 261 (Springer, 2022) (with B. Parthiban)

Garimella, Sai Ramani - 'India' in Anselmo Reyes & Lui Wilson (eds) *Direct Jurisdiction* in "Studies in Private International: Asia" (Hart Publishing, 2021) 301-323.

Garimella, Sai Ramani - "COVID-19 in the Context of the CISG: Reconsidering the Concept of Hardship and Force Majeure" in *Balkan Yearbook of European and International Law 2020* (Springer, 2021) (with L.K. So and Poomintr Sooksripaisarnkit)

Garimella, Sai Ramani - 'Anti-Arbitration Injunctions in Investor-State Arbitration: Instruments of 'Abuse of Process' in Julien Chaisse et al, (eds.) *Handbook of*

International Investment Law and Policy (Springer, 2021) (with Wasiaq Abass Dar)

Garimella, Sai Ramani - Third-Party Funding of Arbitral Claims in India – A Narrative for Access to Justice in Leila Choukrone & Rahul Dhonde (eds) *Adjudicating Global Business in and with India: International Investment and Commercial Disputes Resolution in India* (Routledge, 2021)

Article / Chapter in Journal

Pratap, Ravindra, “The Settlement of the Rohingya Dispute: Implicating Provisional Measures” (2022) 20 *Bangladesh Journal of Law* 37.

Jolly, S. Naik, G. “Rivers as Legal Personalities in India and Bangladesh from an Eco-Centric Perspective: Balancing Developmental Needs and Environmental Protection”, *Chinese Journal of Environmental Law* (2022) 6, 253–274, ISSN 2468-6034.

Jolly, S. Trivedi, A. “Construing Climate Change Adaptation as Global Public Good Under International Law: Problems and Prospects”, *Liverpool Law Review* (2022) ISSN 15728625.

Jolly, S. Malla, P. “Recognition and Enforcement of Foreign Divorce Judgments in India and Nepal: A Comparative Analysis”, *Global Journal of Comparative Law* (2022) 11(2) 197-221, ISSN 22119051

Jolly, S. “Domestic Entities and the Access and Benefit Sharing Mechanism: A Legal Critique of *Divya Pharmacy v. Union of India*”, *Review of European, Comparative & International Environmental Law* (2022) 1-17, ISSN 2050-0394

Garimella, Sai Ramani - Latest Legislative Developments in Data Protection Laws in China and India, (2022) 18(9) *Privacy Law Bulletin* 174 (with Jeanne Huang, Hao Yang Joshua Mak)

Garimella, Sai Ramani - Book Review - Daniel Girsberger et al. (eds.), *Choice of Law in International Commercial Contracts Global Perspectives on the Hague Principles* (2021) 68(3) *Netherlands International Law Review* 501

Garimella, Sai Ramani - The Faux Pas of the Automatic Stay Under the Indian Arbitration Act, 1996 - The HCC Dictum, Two Cherry Doctrine, and Beyond (2021) 21(1) *Pepperdine Dispute Resolution Law Journal* 195 (co-author: Gautam Mohanty)

Garimella, Sai Ramani - Choice of Court Agreements: Selected Common-Law Jurisdictions and Indian Laws Compared – Time for the Convention of 30 June 2005

on Choice of Court Agreements? (2021) 30 *Journal of Transnational Law and Policy* 1 (co-author: Poomintr Sooksripaisarnkit)

Garimella, Sai Ramani - Incorporation of An Arbitration Clause in A Charter Party into A Bill of Lading: Familiar Complex Problems with no New Solution? (2021) 18(1) *Transnational Dispute Management* 1 (co-author: Poomintr Sooksripaisarnkit)

Keynote Addresses & Invited Talks

Burra, Srinivas, Judged the final round of the ‘21st (National Round)’; jointly organized by the Indian Society of International Law (ISIL) and International Committee of the Red Cross (ICRC), at ISIL, New Delhi, 25-09-2022.

Burra, Srinivas, Chaired the panel on ‘Human Rights Law’ at the Asian Society of International Law Regional Conference on ‘Power and the Development of International Law: Asian Perspectives’ Co-organised by the Nepalese Society of International Law (Nepal Chapter of AsianSIL), Lalitpur, Nepal, 30-07-2022.

Burra, Srinivas, Commentator at the ‘Junior Scholar Writing Workshop: Towards Publication’ at the Asian Society of International Law Regional Conference, Nepal (online), 29-07-2022.

Burra, Srinivas, judged the semi-final round of the ‘S.K. Puri Memorial International Moot Court Competition ‘Justified’ 2022’, organised by the Law Centre-II, Faculty of Law, University of Delhi, 17-07-2022.

Burra, Srinivas, keynote speech at the ‘International Conference on the Convergence of the International law to National Law in the Era of Globalization’, VIT School of Law, VIT Chennai (online), 22-04-2022.

Burra, Srinivas, Judged the Advanced Rounds of the ‘7th edition of the India National Rounds of the IBA ICC Moot Court Competition’ hosted by National Law University Delhi (online), 27-03-2022.

Burra, Srinivas, judged the semi-final round of the ‘Professor S.P. Sathe 16th International Moot Court Competition 2021-22’, organised by the Indian Law society, Pune (Online), 12-03-2022.

Burra, Srinivas, judged the Semi-final round of the ‘Surana & Surana National Rounds of the 26th Annual Stetson International Environmental Moot Court Competition (IEMCC)’, organized by Jindal Global Law School, with Surana & Surana International Attorneys (Online), 13-02-2022.

Jolly, S. 'How Natural Resources Including Physical And Biological Environmental Components Are Affected by Overconsumption and Violation of Environmental Laws' for the 'Short Course on Handling Environmental Law Cases and Tools to Use' organised by the Center for Environmental Justice (CEJ), Faculty of Law, University of Colombo on 23 September, 2022.

Jolly, S. 'International Climate Change Law—Evolution and Overview' at the 'NLUO – LEDC, SOAS Certificate Course On Climate Change: Law, Justice and the Global South', organised by the National Law University, Orissa on 30 September 2022.

Jolly, S. 'Effectuation of International Law in Indian Legal System through International Environmental Law Conventions' at the 'Seminar Series- School of Law, CHRIST (Deemed to be University)' at Delhi NCR on 9 September 2022.

Jolly, S. 'Lead Panelist' 'Transnational Remedies in Environment Law: Opportunities and Challenges' organised by the Clinical Legal Education and Environmental Law Clinic, Jindal Global Law School (JGLS), King's College London (KCL) and West Bengal National University of Juridical Sciences, Kolkata (NUJS) on 27 July 2022.

Jolly, S. 'Climate Justice' at the Round Table on 'Climate Justice and Climate Law: South-North Perspectives' organised by National Law University Delhi & SOAS University of London on 1 July 2022.

Jolly, S. 'Private International Law' at the '20th Summer Course on International Law' at Indian Society of International law on June 17 2022.

Jolly, S. 'Exploring the Contours of Indian Judicial Decisions in Promoting Environmental Justice, at the online lecture series for Spring 2022, on "Deconstructing Environmental Justice" organised by the Centre for Environmental Law, Jindal Global Law School on March 5, 2022.

Jolly, S. 'Plastic Waste management' in the Focussed Group Discussion on Evaluating India's National Regulations on Chemicals and Hazardous Waste Management: An Agenda for Reform organised by National Law School of India University, Bangalore along with Ministry of Environment and Forests, Government of on January 19, 2022.

Jolly, S. 'Closing lecture' 'Role of Resistance in International Law' in 'Prof. C. H. Alexandrowicz Memorial Lecture' organised by Maharashtra National Law University, Mumbai on January 8, 2022.

Garimella, Sai Ramani - Emergency Arbitration: Recent developments in India, Gujarat Maritime University, Gandhinagar, Gujarat, India, 14 June 2022.

Garimella, Sai Ramani - Third Party Funding: Genesis and Contemporary Manifestation, RG National University of Law, Patiala, Punjab, India, 7th September, 2022.

Garimella, Sai Ramani – International Workshop on Research and Law, 13th January, 2022.

Garimella, Sai Ramani - UNCITRAL and UNIDROIT: International Sales Contract, Indian Society of International Law, New Delhi, India, 19th September, 2022.

Garimella, Sai Ramani - Carriage of Goods by Sea, Indian Society of International Law, New Delhi, India, 21st September, 2022.

Garimella, Sai Ramani – ISIL Summer Course Lecture on International Commercial Arbitration, Indian Society of International Law, New Delhi, India, 10th June, 2022.

Garimella, Sai Ramani – Direct Jurisdiction and foreign element: some recent developments in India, Asian Private International Law Association, Doshisha University, Kyoto, Japan, 22nd March, 2022.

Garimella, Sai Ramani - Foreign Injunctory Orders and Indian Courts – John Doe Comes To India?, Asian Private International Law Association Conference, Doshisha University, Kyoto, Japan, 10-11 December, 2022.

Papers Presented & Lectures Delivered

Pratap, Ravindra, Between Technique and Teleology: Implications of ITLOS' judgment in the *Mauritius / Maldives* maritime boundary delimitation dispute, Regional Conference of the Asian Society of International Law, Kathmandu, 30 July 2022.

Burra, Srinivas, 'Use of Force, Self-Defence and Non-State Actors: A Third World Perspective', National Conference on 'Situating Justice in Armed Conflict: Can There Be Just Wars?' Indian Law Institute, New Delhi, 06-08-2022.

Burra, Srinivas, lectures on "Law of Treaties: Its Evolution" and "Law of Treaties: Contemporary Issues" at the '20th Summer Course on International Law', Indian Society of International Law (ISIL), New Delhi, 07-06-2022.

Burra, Srinivas, 'Enhancing the Quality Indicators of Academic Research', '5-Day Faculty Development Programme', Academic Research office and Center for Teaching and Learning (CTL), VIT-AP University (online),

23-04-2022.

Burra, Srinivas, 'Russia-Ukraine Conflict and Challenges before International Legal Order', Law Centre-I, Faculty of Law, University of Delhi (online), 10-03-2022.

Jolly, S. 'Rights of Nature and Perspectives for Transforming the Environmental Governance in South Asia: A Critical Analysis' in the 2022 Oslo International Environmental Law Conference, organised by WCEL and IUCN at Oslo on October 3-5, 2022.

Jolly, S. 'Exploring the Contours of Just Sustainability to Promote Environmental Rule of Law' in the IUCNAEL Colloquium organised by Queensland University of Technology, Brisbane, Australia on July 11-15, 2022.

Jolly, S. 'Evolving a Eco - centric approach in Bio Diversity Protection' in the online workshop on Biodiversity Litigation in the Global South organised by Law and Development Group of University of Antwerp, Belgium on March 11, 2022.

Ahmad, Nafees, "Artificial Intelligence and Privacy: How to Determine the Regulatory Province" (Keynote Speaker) at the *3rd International Conference on Artificial Intelligence and International Law* organized by CLC, University of Delhi on 24-25 June, 2022, New Delhi.

Ahmad, Nafees, " Dr. L.M. Singhvi Annual Global Conference on "International Law and International Relations" organized by Jindal Global Law School of O.P. Jindal Global University on 10-11 November, 2022 at O.P. Jindal Global University, Sonapat, India

Ahmad, Nafees, Chaired Technical Session at South Asian Post-Graduate Law Conference is a joint research collaboration hosted by the Faculty of Law, University of Colombo, Sri Lanka, Faculty of Law, University of the Punjab, Lahore, Pakistan, Faculty of Legal Studies, South Asian University, New Delhi, India, Maharashtra National Law University Mumbai, Jindal Global Law School, OPJGU, Sonapat on 25-26 November 2022

Any Other Academic Achievements

Pratap, Ravindra, Lecture delivered on "WTO Law", Indian Academy of International Law and Diplomacy, New Delhi, 23 December 2022.

Pratap, Ravindra, Lecture delivered on "Commercial Law", Indian Academy of International Law and Diplomacy, New Delhi, 21 December 2022.

Pratap, Ravindra, Lecture delivered on "UNCTAD and

UNCITRAL", Indian Academy of International Law and Diplomacy, New Delhi, 15 December 2022.

Pratap, Ravindra, Lecture delivered on "GATT and WTO", Indian Academy of International Law and Diplomacy, New Delhi, 08 December 2022.

Pratap, Ravindra, Lecture delivered on "SPS and TBT", Indian Academy of International Law and Diplomacy, New Delhi, 07 December 2022.

Pratap, Ravindra, Lecture delivered on "Special & Differential Treatment", Indian Academy of International Law and Diplomacy, New Delhi, 05 December 2022.

Pratap, Ravindra, Lecture delivered on "Indian Patents Act", Indian Academy of International Law and Diplomacy, New Delhi, 02 December 2022.

Pratap, Ravindra, Lecture delivered on "IMF and World Bank", Indian Academy of International Law and Diplomacy, New Delhi, 01 December 2022.

Pratap, Ravindra, Lecture delivered on "TRIPS", Indian Academy of International Law and Diplomacy, New Delhi, 23 November 2022.

Pratap, Ravindra, Lecture delivered on "Agreement on Agriculture", Indian Academy of International Law and Diplomacy, New Delhi, 21 November 2022.

Pratap, Ravindra, Lecture delivered on "TRIMS", Indian Academy of International Law and Diplomacy, New Delhi, 18 November 2022.

Pratap, Ravindra, Lecture delivered on "UN and the maintenance of peace and security: Uniting for Peace Resolution", Indian Academy of International Law and Diplomacy, New Delhi, 17 November 2022.

Pratap, Ravindra, Lecture delivered on "Relationship between the General Assembly and the Security Council", Indian Academy of International Law and Diplomacy, New Delhi, 10 November 2022.

Pratap, Ravindra, Lecture delivered on "UN Principal Organs and their Powers", Indian Academy of International Law and Diplomacy, New Delhi, 4 November 2022.

Pratap, Ravindra, Lecture delivered on "Safeguards", Indian Academy of International Law and Diplomacy, New Delhi, 4 November 2022.

Pratap, Ravindra, Lecture delivered on "Non-discrimination in WTO", Indian Academy of International Law and Diplomacy, New Delhi, 2 November 2022.

Pratap, Ravindra, Lecture delivered on “UN Structure, Purposes and Principles”, Indian Academy of International Law and Diplomacy, New Delhi, 27 October 2022.

Pratap, Ravindra, Chaired a seminar on “How Hunger is Fuelled by Norms: A critical Look at Global Food Trade Regulation” by Prof. Leila Choukroune, 20 October 2022.

Pratap, Ravindra, Lecture delivered on “Marine Insurance”, Indian Academy of International Law and Diplomacy, New Delhi, 19 October 2022.

Pratap, Ravindra, Lecture delivered on “League of Nations: Structure, Functions, its Failure and the Creation of the United Nations”, Indian Academy of International Law and Diplomacy, New Delhi, 13 October 2022.

Pratap, Ravindra, Lecture delivered on “Relationship between international law and municipal law with special reference to India”, Indian Academy of International Law and Diplomacy, New Delhi, 10 October 2022.

Pratap, Ravindra, Judge, Henry Dunant Moot Court Competition, Semi-Final, Indian Society of International Law, New Delhi, 25 September 2022.

Pratap, Ravindra, Lecture delivered on “Fragmentation of International Law”, Indian Academy of International Law and Diplomacy, New Delhi, 21 September 2022.

Pratap, Ravindra, Lecture delivered on “Approaches to International Law”, Indian Academy of International Law and Diplomacy, New Delhi, 12 September 2022.

Pratap, Ravindra, Lecture delivered on “WTO Covered Agreement” Summer Course, Indian Academy of International Law and Diplomacy, New Delhi, 10 June 2022.

Pratap, Ravindra, Lecture delivered on “Historical Evolution of GATT and WTO” Summer Course, Indian Academy of International Law and Diplomacy, New Delhi, 10 June 2022.

Pratap, Ravindra, Lecture delivered on “Interpretation of Statutes: An Indian Perspective”, GLA University, Mathura, 15 April 2022.

Pratap, Ravindra, Lecture delivered on “The Role of International Courts and Tribunals in Compliance with the Multilateral Environmental Agreements”, Indian Academy of International Law and Diplomacy, New Delhi, 13 April 2022.

Pratap, Ravindra, Lecture delivered on “Institutional and *Ad hoc* arbitration” Winter Course, Indian Academy of International Law and Diplomacy, New Delhi, 14 February 2022.

Pratap, Ravindra, Lecture delivered on “WTO DSS” Winter Course, Indian Academy of International Law and Diplomacy, New Delhi, 11 February 2022.

Pratap, Ravindra, Lecture delivered on “Non-Intervention and Responsibility to Protect” Winter Course, Indian Academy of International Law and Diplomacy, New Delhi, 09 February 2022.

Pratap, Ravindra, Lecture delivered on “Prohibition of War and the Use of Force” Winter Course, Indian Academy of International Law and Diplomacy, New Delhi, 02 February 2022.

Pratap, Ravindra, Lecture delivered on “Law-making by International Organizations”, Winter Course, Indian Academy of International Law and Diplomacy, New Delhi, 07 January 2022.

Burra, Srinivas, Julia Emtseva, Barrie Sander and Ntina Tzouvala, ‘Symposium on Early Career International Law Academia: Introduction’, *Afronomics Law*, <https://www.afronomicslaw.org/category/analysis/symposium-early-career-international-law-academia-introduction/>, 04-04-2022.

Burra, Srinivas, Conversation with Sundhya Pahuja, Symposium on Early Career International Law Academia: Reflections from a Supervisory Role-Interview with Sundhya Pahuja, *Opinio Juris*, <http://opiniojuris.org/2022/03/22/symposium-on-early-career-international-law-academia-reflections-from-a-supervisory-role-interview-with-sundhya-pahuja/>, 22-03-2022.

Burra, Srinivas, Julia Emtseva, Barrie Sander and Ntina Tzouvala, ‘Symposium on Early Career International Law Academia: Introduction’, *Opinio Juris*, <http://opiniojuris.org/2022/03/21/symposium-on-early-career-international-law-academia-introduction/>, 21-03-2022.

Ahmad, Nafees, “Rohingya Refugees at Risk of Re-Persecution in India” Oxford Human Rights Hub, September 03, 2022 <https://ohrh.law.ox.ac.uk/rohingya-refugees-at-risk-of-re-persecution-in-india/>

Ahmad, Nafees, “The Right to Access Abortion is a Right to Privacy” E-International, July 20, 2022 <https://www.e-ir.info/2022/07/20/opinion-the-right-to-access-abortion-is-a-right-to-privacy/>

Ahmad, Nafees, “Afghanistan: Defending the Rights of Women in a Necropolis of Human Rights” Modern Diplomacy, March 31, 2022, <https://moderndiplomacy.eu/2022/03/31/afghanistan-defending-the-rights-of-women-in-a-necropolis-of-human-rights/>

Visit of Scholars to the Faculty / Special Lecture

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation	Convenor / Organiser
1	January 28, 2022	<i>India's Data Protection Bill 2021 and the Privacy in the Context of SAARC Region</i>	Mr. Justice Muhamed Mustaque Ayumantakath Judge, Kerala High Court, Kerala	Dr. Nafees Ahmad
2	February 11, 2022	<i>Envisioning an International Treaty on Internal Displacement: Normative Challenges and Implementation Feasibility</i>	Ms. Sumbul Rizvi, Principal Advisor on Internal Displacement to the United Nations High Commissioner for Refugees	Dr. Nafees Ahmad
3	February 24, 2022	<i>Freedom of Religion and Gender Equality</i>	Prof. (Dr.) Saumya Uma, Professor at Jindal Global Law School	Dr. Nafees Ahmad
4	March 11, 2022	<i>Legal Challenges to the Humanitarian Work in Afghanistan</i>	Dr. George Dvaladze, ICRC's Regional Legal Adviser for South Asia, covering Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka	Dr. Nafees Ahmad
5	March 14, 2022	<i>Sanctions in International Economic Law - the Case of Russia and Beyond</i>	Prof. (Dr.) Leila Choukroune, Professor of International Law and Director of the University of Portsmouth Thematic Area in Democratic Citizenship	Dr. Nafees Ahmad
6	March 25, 2022	<i>The Death Penalty and Due Process Concerns</i>	Dr. Sumaiya Khair, Professor Department of Law, University of Dhaka, Bangladesh	Dr. Nafees Ahmad
7	April 8, 2022	<i>The Future Governance of AI</i>	The Lord Timothy Francis Clement - Jones CBE	Dr. Nafees Ahmad
8	April 22, 2022	<i>Death Penalty in South Asia: A Trajectory of Expansion</i>	Dr. Anup Surendranath, SK Malik Chair Professor on Access to Justice and the Executive Director of Project 39A at National Law University, Delhi	Dr. Nafees Ahmad
9	April 22, 2022	<i>Securitization of Social Media and the Rule of Law: South Asian Perspectives</i>	Mr. Md. Saimum Reza Talukder, Senior Lecturer, School of Law, BRAC University	Dr. Nafees Ahmad
10	September 16, 2022	<i>Mapping Global Trends in Climate Litigation</i>	Dr. Archana Negi, Associate Professor, Centre for International Politics, Organization and Disarmament, School of International Studies, Jawaharlal Nehru University (JNU), New Delhi, India	Dr. Nafees Ahmad
11	October 14, 2022	<i>Human Rights considerations within International Investment Arbitration: Possibilities and Boundaries</i>	Dr. Daniel Mathew, Associate Professor of Law, National Law University Delhi	Dr. Stellina Jolly
12	October 20, 2022	<i>How Hunger is Fuelled by Norms: A Critical Look at Global Food Trade Regulation</i>	Prof. (Dr.) Leila Choukroune, Professor of International Law and Director of the University of Portsmouth Thematic Area in Democratic Citizenship	Dr. Stellina Jolly
12	October 28, 2022	<i>Women and Electoral Participation-Challenges: Constitution and Legal Framework of Nepal</i>	Prof. Ila Sharma, Professor of Law at the Law School, ILM University in Gurgaon	Dr. Stellina Jolly

Students' Achievements

Tariq, Bushra (SAU/LS(P)/ 2016/02) was awarded PhD (the Degree of Doctorate of Philosophy in Law) on the topic 'TRIPS-Plus Provisions in Free Trade Agreements with Special Focus on India-A Legal Analysis' under the supervision of Dr. Prabhash Ranjan (EoL), FLS-SAU on March 28, 2022.

Akhtar, Syed Ali (SAU/LS(P)/ 2018/03) was awarded PhD (the Degree of Doctorate of Philosophy in Law) on the topic 'Interpretation of Secondary Instruments: A Study of the *Legal Regimes* of UN, WTO, ICC, and the International Environment' under the supervision of Dr. Ravindra Pratap, FLS-SAU on January 19, 2022.

Ahmad, Farheen (SAU/LS(P)/ 2017/03) was awarded PhD (the Degree of Doctorate of Philosophy in Law) on the topic 'Civil Society and Making of Customary International Law: The case of "Environmental Flows" in the Shared Watercourses of South Asia' under the supervision of Dr. Ravindra Pratap, FLS-SAU on September 01, 2022.









Faculty of Life Sciences and Biotechnology

Jackfruit – The National Fruit of Sri Lanka

Faculty of Life Sciences & Biotechnology

Faculty of Life Sciences and Biotechnology (FLSB) started the academic year 2022 full of energy and enthusiasm as the cases of Covid-19 continued to decrease, which was a great relief for everyone. Most of our Masters and Ph.D. students were back on campus and started attending offline classes. Our M. Sc. third semester students selected the supervisors of their choice and started their dissertation work. The M.Sc. second semester students got engaged with different academic courses and learning laboratory techniques. For nearly two years, research in FLSB was severely affected due to Covid-19. This year, the Ph.D. students could continue their experiments without any obstacles. Many of our research scholars submitted their thesis and were awarded Ph.D. degrees. Some of them were absorbed into different R&D companies and academic institutes. Most of them secured post-doctoral fellowships in recognized Universities abroad as well as in India. Like previous years, our faculties continued publishing reviews and research articles in various internationally reputed peer reviewed journals. Many faculties received external grants and filed patents. They were invited to deliver talks and participated in the evaluation process outside the university.

Additionally, the university started planning to shift to the newly constructed permanent campus. In this regard, FLSB had the biggest challenge, and that was to move the research laboratory, which included several sophisticated and heavy equipments. Our FLSB staff worked determinedly for this with the aim of minimizing disturbances to ongoing academic and research activities. The shifting process began in December; hence most of the laboratory work was stopped for a few weeks. Our Ph.D. and MSc project students along with faculty members took part in the process too. The planning was great, which helped the shifting work to be completed smoothly and, most importantly, within the estimated time.

The year ended with new hopes, dreams and a promise to start functioning from the permanent campus and excel in all aspects of academic and social life.

Students Admitted and Country-wise Break-up

Name of Programme: M.Sc. Biotechnology

Batch: 2022

Afghanistan	04	Maldives	0
Bangladesh	03	Nepal	02
Bhutan	05	Pakistan	0
India	10	Sri Lanka	0
Other	0		

Name of Programme: Ph.D. Biotechnology

Batch: 2022

Afghanistan	0	Maldives	0
Bangladesh	0	Nepal	01
Bhutan	0	Pakistan	0
India	03	Sri Lanka	0
Other	0		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Rajiv K. Saxena	All India Institute of Medical Sciences, New Delhi, 1977	INSA Senior Scientist, FLSB SAU	Immunology, Erythropoiesis, Nanoparticles Interaction with Biology
	Shibnath Mazumder	PGIMER, Chandigarh, 1999	Professor and Dean	Immunology 1. Host-pathogen interactions. 2. Immuno-toxicology.
	Senthil Kumar Venugopal	All India Institute of Medical Sciences, New Delhi, 2000	Professor	Biomedical Research, Molecular Mechanisms involved in the Progression of Liver Disease
	Ritu Gaur	National Institute of Immunology, New Delhi, 2001	Professor	Virology: Host-Pathogen Interactions and developing antivirals against HIV-1
	Rinkoo Devi Gupta	Department of Zoology, Banaras Hindu University, 2005	Assistant Professor	Protein Science: Protein Engineering, Enzymology and Drug Discovery
	Yubaraj Pokharel	Chosun University, Gwangju, Republic of Korea, 2009	Assistant Professor	Cancer Biology, Oncogenic Activity of Protein Interactions of already established Bait Oncoproteins
	Ananda Mustafiz	International Center for Genetic Engineering and Biotechnology, New Delh, in 2010	Assistant Professor	Plants response towards abiotic stresses
	Ravi Shankar Akundi	University of Freiburg Medical School, Freiburg, Germany, 2005	Assistant Professor	Neuroscience: Neurodegeneration and Inflammation in the Brain
	Priti Saxena	National Institute of Immunology, New Delhi, 2008	Assistant Professor (Senior Grade)	Chemical Biology: Proteomics, Metabolomics & Molecular Mechanisms of host pathogen interactions in mycobacterial diseases
	A.K.R. Gobinath	Indian Institute of Technology, Madras	Assistant Professor (Senior Grade)	Bioprocess and Biochemical Engineering BioEnergy and Value-added products
	Pankaj Kumar Giri	National University of Singapore, Singapore, 2012	Assistant Professor	Non-coding RNA, Oncology and Structural Biology

Awards / Honours / Special Recognition

Akundi, RS : Chairperson, Session titled "Opportunities and Challenges for Funding in Neuroscience Research" at the one-day symposium of the **Delhi Chapter of Society for Neurochemistry, India**, Jamia Hamdard University, New Delhi (09 Mar 2022)

Gobinath, A.K.R : **Best Research Paper Award** from *International Conference on Biotechnology, Sustainable Bioresources and Bioeconomy* (BSBB-2022), IIT Guwahati. First Author: Akanksha Jain (Ph.D Scholar)

Gobinath, A.K.R : **Best Research Paper Award** from *International Conference on Recent Advances in Biotechnology and Environmental Science* (ICRABES - 2022), VIT-University. First Author: Md. Ebrahim Khalil (Ph.D Scholar)

Gobinath, A.K.R : **Best Research Paper Award** from *South Asian Biotechnology Conference* (SABC - 2022/23), Dhaka University. First Author: Md. Ebrahim Khalil (Ph.D Scholar)

Grants and Fellowships Conferred on Members of the Faculty

Akundi, RS, "*P2 receptor-based anti-inflammatory drugs (PBAIDs): Potential therapeutic agents against sinonasal undifferentiated carcinoma*", Cayman Biomedical Research Institute (CABRI), Ann Arbor, Michigan, USA, 2 years, US\$26,000.

Gupta, RD, "*Redesigning of bacterial endochitinase for enhanced antifungal activity*," Science Engineering Research Board, Government of India, 2018 -2022, INR 4.5 million.

Mustafiz, A, "*Identification and characterization of phytosulfokine receptor kinase gene family of rice vis-a-vis Arabidopsis and elucidating its role in abiotic stress tolerance*," Department of Biotechnology, Government of India, 2019-2023, INR 6.8 million.

Saxena, P, "*Investigating Functional Role of Polyketide Modifying Enzymes in Mycobacterial Biology*," Science and Engineering Research Board, Department of Science and Technology, Government of India, 2019-2022, INR 5.5 million.

Pokharel, YR. PI: "*Research and Development of Measles and Rubella Rapid Diagnostic Test (RDT) Kits*" February 2022 with funding from WHO/CDC (US). (1 Crore INR for 2 year with Equipment Support 1 Crore INR for two Years total of 3 Crore INR)

Pokharel, YR. Co-PI: "*Engineering exosomes as potential combinatorial therapeutic vehicle targeting TRAIL and mTOR pathway in pancreatic cancer*". ICMR 2020 (Collaborative project with Sir Gangaram Hospital New Delhi). [F. No. 2021-9353/SCR/ADHOC-BMS], 3 Years, INR 6 million.

Pokharel, YR. PI: "*Role of Prostate Tumor Overexpression 1(PTOV1) in Horizontal Transfer of Bioactive Molecules via Exosomes in Breast Cancer Cells and its Clinical implication*." ICMR 2020, EMR Adhoc Project, 3 years, INR 5.17 million

Pokharel, YR. PI: "*Investigating and validation of the molecular mechanism of UNANI medicines in vitro and in vivo for the treatment of Atopic Dermatitis*", CCRUM, Ministry of AYUSH, India, 3 years, INR 4.68 million

Editorial / Reviewing and Refereeing Appointments

Akundi, RS:
External Examiner, Viva Voce Examination, M.Sc. (Toxicology) Lab Course, Jamia Hamdard University, New Delhi (12 Aug 2022)

Gupta, RD:
Reviewed articles for journals such as Applied Biochemistry and Biotechnology, Microbial Cell Factories, Protein and Peptide Letters, Scientific Reports, Insects, ACS Omega, Heliyon, PLoS Computational Biology, PLoS One, Molecular Biology Reports, Biomedicines etc.

Mustafiz, A:
Editor for the journal PLoS One.
Reviewed articles for journals such as Frontiers in Plant Science, BMC Plant Biology, Scientific Reports, Physiologia Plantera, Plant Journal.

External Examiner for extension of Short-Term Research Fellowship (STRF) of Ms. Kanika Khoba, PhD scholar at Guru Gobind Singh Indraprastha University.

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

Managing Editor in Frontier in Bioscience

Editor in Biochemistry and Pharmacology: Open Access, Life Science: An International Journal, Journal of Microbiology Research Society, Austin Journal of Biotechnology and Bioengineering, International Research Journal of Pharmacology, Chief of International Journal of Medicines and Biomedical Sciences, Austin Journal of Biotechnology and Bioengineering

Appointments to Memberships of National / International Bodies

Akundi, RS.:

- Member, Society for Leukocyte Biology, USA
- Life Member, Indian Academy of Neurosciences, India
- Life Member, Society for Neurochemistry India, India

Gupta, RD.:

- Life member of Indian Science Congress, India
- Life member of National Academy of Biological Sciences, India
- Life member of Asian Federation of Biotechnology
- Life member of International Academy of Physical Sciences, India
- Life member of Biochemical Society, Advancing Molecular Biosciences, UK

Mustafiz, A.:

- Member, Plant Tissue Culture Association (PTCA), India.

Pokharel, YR.:

- Member - Scope Database (Journal Indexing and Citation analysis)
- Member, Ethic cum Biosample Release Committee (ECRB) - National Liver Disease Biobank (NLDB), New Delhi
- Member of Korean Society of Toxicology
- Ethical Committee member of National Liver Disease Biobank, New Delhi, India
- Health and Science Experts and presenter as a guest in All India Radio, Nepali Programme
- Members of Finish Cancer association
- Member of American Association of Pharmaceutical society
- Member of Pharmaceutical Society of Korea
- Member of International Society for the Study of Xenobiotics

PUBLICATIONS

Books Chapter

Sharma. M, Sharma. S, **Mazumder. S**, Negi. R.K. (2022). Application of "OMICS" Approaches in Bio-remediation. Bentham Books. Singapore pp 191-221. ISBN 978-981-5036-04-6

Singh, NK., Shrestha, S., Shahi, N., Choudhary, RK., Kumbhar, AA., **Pokharel, YR.*** and Yadav, PN.* Study on Enhancement of Anticancer Activity of N(4)1-(2-Pyridyl) piperaziny 5-Nitroisatin Thiosemicarbazone on Chelation with Copper (II). Print ISBN: 978-93-5547-364-6, eBook ISBN: 978-93-5547-372-1 DOI: 10.9734/bpi/ cacs/v9/1762.

Khanal, LN., Kalauni, SK., and **Pokharel, YR.***. Bioactives

And Pharmacology, of Ephedra Pachyclada Boiss, Biomolecules and Pharmacology of Medicinal Plants, Volume 1 (2022), Chapter 16 Apple Academic Press Inc.

Khanal, LN., Kalauni, SK., and **Pokharel, YR.** Phytochemical and Pharmacological Profile of Arctium lappa L. Biomolecules and Pharmacology of Medicinal Plants, Volume 2 (2022), Chapter 29, Apple Academic Press Inc.

Article in Journal

Rai M, Timilsina U and **Gaur, R.** Construction and characterization of a full-length, replication competent and infectious enhanced green fluorescence protein-tagged HIV-1 subtype C molecular clone. *Virology*. 2022 Jun;571:34-38. doi: 10.1016/j.virol.2022.04.003. Epub 2022 Apr 13

Sengupta D, Rai M, Hoque Mazumdar Z, Sharma D, Malabika Singha K, Pandey P, **Gaur, R.** Two cationic meso-thiophenium porphyrins and their zinc-complexes as anti-HIV-1 and antibacterial agents under non-photodynamic therapy (PDT) conditions. *Bioorg Med Chem Lett*. 2022 Jun 1;65:128699. doi: 10.1016/j.bmcl.2022.128699. Epub 2022 Mar 24

Rai M, Rawat K, Muhammadi MK, **Gaur, R.** Edelfosine reactivates latent HIV-1 reservoirs in myeloid cells through activation of NF- κ B and AP1 pathway. *Virology*. 2022 Sep;574:57-64. doi: 10.1016/j.virol.2022.07.008. Epub 2022 Jul 21

Gobinath, A.K.R. and Chandraraj Krishnan. Production of cellulosic butanol by clostridial fermentation: a superior alternative renewable liquid fuel. *Biofuels and Bioenergy-A Techno-Economic Approach*, Elsevier Publication. 2022, 263-289

Aniket B., Mostak A., Ridhima W., Sakshi A., Ananda M., and Gobinath, A.K.R., High production of *Trametes cinnabarina laccase (lac1)* by suspended and immobilized cells of recombinant *Pichia pastoris* from crude glycerol. *Waste and Biomass Valorization*, 2022, 13: 2149-2168

Akanksha J., Eeshita D., Venkata G.P., **Gobinath, A.K.R.**, Biohydrogen production technologies: current status, challenges, and future perspectives from *Production Technologies for Gaseous and Solid Biofuels*. Wiley Publication. 2022, 115-168

Aniket B., Akanksha J., **Gobinath, A.K.R.**, Biobutanol production from food crops. *Advances and Developments in Biobutanol Production Advances in Pollution Research*, Elsevier Publication. 2022/23, 245-260

Md. Ebrahim K., Akanksha J., Eeshita D., Kun-lin Y., **Gobinath, A.K.R.**, A robust and efficient bioprocess of hydrogen production from crude glycerol by *Clostridium beijerinckii* G117. *International Journal of Hydrogen Energy*, 2022/23, 48:21, 7604-7620

Batra N, Agarwal D, Wadi I, Tekuri CS, **Gupta, RD.**, Nath M. Synthesis and antimalarial activity of 7-chloroquinoline-tethered sulfonamides and their [1,2,3]-triazole hybrids. *Future Med Chem.* 2022 Dec;14(23):1725-1739. doi: 10.4155/fmc-2022-0187

Parween F, Sarker A, **Gupta, RD.** Chlorpyrifos and parathion regulate oxidative stress differentially through the expression of paraoxonase 2 in human neuroblastoma cell. *Neurotoxicology.* 2022 Dec; 93:60-70. doi: 10.1016/j.neuro.2022.08.016

Parween F, Yadav P, Singh K, **Gupta, RD.** Production of highly soluble native human paraoxonase 2 with potential anti-biofilm property. *Prep Biochem Biotechnol.* 2022 Jul 20:1-10. doi: 10.1080/10826068.2022.2101000

Sarker A, Rathore AS, Khalid MF, **Gupta, RD.** Structure-guided affinity maturation of a single-chain variable fragment antibody against the Fu-bc epitope of the dengue virus envelope protein. *J Biol Chem.* 2022 Apr;298(4):101772. doi: 10.1016/j.jbc.2022.101772

Kumar. M, Shelly. A, Dahiya. P, Ray. A, **Mazumder, S.** (2022). *Aeromonas hydrophila* inhibits autophagy triggering cytosolic translocation of mtDNA tri which activates the pro-apoptotic caspase-1/IL-1 β -nic oxide axis in headkidney macrophages. *Virulence* DOI: 10.1080/21505594.2021.2018767

Kumar. J, Kumar. M, Sharma.S, Srivastava.S, Singh. R, Hussain. A. **Mazumder, S.** (2022). Th1–Th2 and M1-M2 interplay sculpt *Aeromonas hydrophila* pathogenesis in zebrafish (*Danio rerio*). *Fish Shellfish Immunol.* DOI: 10.1016/j.fsi.2022.06.052

Kumar. M, Sharma.S, Haque. M, Kumar.J, Hati.U.P, **Mazumder, S.** (2022) TLR22-Induced Pro-Apoptotic mtROS Abets UPR mt-Mediated Mitochondrial Fission in *Aeromonas hydrophila*- Infected Headkidney Macrophages of *Clarias gariepinus*. *Front. Immunol.* DOI: 10.3389/fimmu.2022.931021

Ghosh Ajit, **Mustafiz, A.**, Pareek Ashwani, Sopory Sudhir K., Pareek Sneh, April 2022, Glyoxalase III enhances salinity tolerance through reactive oxygen species scavenging and reduced glycation. *Physiologia Plantarum* 174(3), DOI:10.1111/ppl.13693

Bhattacharyya A., Ahmed M., Wadhwa R., Aggarwal S.,

Mustafiz, A. Rajagopalan Gobinath April 2022, High Production of *Trametes cinnabarina* Laccase (lac1) by Suspended and Immobilized Cells of Recombinant *Pichia pastoris* from Crude Glycerol. *Waste and Biomass Valorization* 13(3):1- 20|DOI:10.1007/s12649-021-01661-1

Ghosh A., Islam S., Alam N., **Mustafiz, A.** Islam T., August 2022, Transcript profiling of glutathione metabolizing genes reveals abiotic stress and glutathione-specific alteration in *Arabidopsis* and rice. *Physiology and Molecular Biology of Plants* 28(4), DOI:10.1007/s12298-022-01220-5

Yadav N., Nagar P., Rakhi R, Kumar A., Rai A., **Mustafiz, A.**, 2022, Transcript Profiling of Polycomb Gene Family in *Oryza sativa* indicates their Abiotic Stress-Specific Response. *Functional & Integrative Genomics (IF-3.41)* (Citation-0) doi: 10.1007/s10142-022-00906-z

Giri, G.R. and **Saxena, P.** Mycobacterial MMAR_2193 catalyzes O-methylation of diverse polyketide cores. *PLOS ONE*, 05.01.2022, <https://doi.org/10.1371/journal.pone.0262241>

Yadav, AK., Sata, TN., Verma, D., Mishra, AK., Sahm AK., Hossain MM., Pant, K., **Venugopal, SK.** Free fatty acid-induced miR-181a-5p stimulates apoptosis by targeting XIAP and Bcl2 in hepatic cells. *Life Sci.* 2022 Jul 15;301:120625. doi: 10.1016/j.lfs.2022.120625

Chaudhary, U., Gurung, V., Pachakhan, ST., Jhashanath, Subin, A., **Pokhrel, YR.*** And Yadav, PN.* Evaluation of Anticancer Potential of (4)-Alkyl Substituted 5-Methoxyisatin Thiosemicarbazones: Synthesis, Characterization and Molecular Docking. *Asian J. Chem.* /2023 / 35(3)/ pp 529-536. <https://doi.org/10.14233/ajchem.2023.27003>

Rama, B., Raj, SK., **Pokharel, YR.**, Phytochemical analysis, biological activities and GC profiling of extracts of some medicinal plants growing in Nepal. *Indian Journal of Natural Products and Resources* Vol 13, No 4 (2022) DOI: 10.56042/ijnpr.v13i4.39187

Aakula, A., Isomursu, A., Rupp, C., Erickson, A., Gupta, N., Kauko, O., Shah, P., Padzik, A., **Pokharel, YR.**, Kaur, A., Li, SP., Trotman, L., Taimen, P., Rannikko, A., Lammerding, J., Paatero, I., Mirtti, T., Ivaska, J., Westermarck, J. PP2A methylesterase PME-1 suppresses anoikis and is associated with therapy relapse of PTEN-deficient prostate cancers. *Mol Oncol.* 2022 Dec 3. doi: 10.1002/1878-0261.13353. Epub ahead of print. PMID: 36461911

Chaudhary, U., Dawa, D., Banerjee, I., Sharma, S., Mahiya,

K., Rauf, A., **Pokharel, YR.**, Yadav, PN., Anticancer potency of N(4)-ring incorporated-5-methoxyisatin thiosemicarbazones, *Journal of Molecular Structure*, Volume 1274, Part 1, 2023, 134549, <https://doi.org/10.1016/j.molstruc.2022.134549>

Khan, A., Naaz, F., Basit, R., Das, D., Bisht, P., Shaikh, M., Lone, BA., **Pokharel, YR.**, Ahmed, QN., Parveen, S., Ali, I., Singh, SK., Chashoo, G., and Shafi, S. 1,2,3-Triazole Tethered Hybrid Capsaicinoids as Antiproliferative Agents Active against Lung Cancer Cells (A549). *ACS Omega* 2022, 7 (36), 32078-32100

Singh, NK., Sharma, S., Krishnakumar, A., Choudhary, RK., Kumbhar, AA., Butcher, RJ., **Pokharel, YR.**, Yadav, PN. Exploration of anticancer potency of N (4) thiomorpholinyl isatin/haloisatin thiosemicarbazones on coordination to Cu²⁺ ion. *Inorganic Chemistry Communications*. September 2022, Volume 143, 109767

Haider, K., Sharma, S., **Pokharel, YR.**, Das, S., Joseph, A., Najmi, AK., Ahmad, F., Yar, MS. Synthesis, biological evaluation, and in silico studies of indole-tethered pyrazoline derivatives as anticancer agents targeting topoisomerase II α . *Drug Dev Res.* 2022 Jul 27. doi: 10.1002/ddr.21976

Khanal, LN., Sharma, KR., Paudyal, H., Parajuli, K., Dahal, B., Ganga, GC., **Pokharel, YR.**, Kalauni, SK. Green synthesis of silver nanoparticles from root extracts of *Rubus ellipticus* Sm. and comparison of antioxidant and antibacterial activity. *Journal of Nanomaterials*. Volume 2022 |Article ID 1832587 | <https://doi.org/10.1155/2022/1832587>

Khanal, LN., Sharma, KR., **Pokharel, YR.**, Kalauni, SK . Characterization of Essential Oil, Estimation of Phenolic and Flavonoid Content and Biological Activities of *Ephedra pachyclada* BOISS. *Journal of Institute of Science and Technology*, Volume 27(1) 27-35, 2022

Khanal, LN., Sharma, KR., **Pokharel, YR.**, Kalauni, SK. Phytochemical Analysis and In Vitro Antioxidant and Antibacterial Activity of Different Solvent Extracts of *Beilschmiedia roxburghiana* Nees Stem Barks. *Scientific World Journal*. 2022 Mar 26;2022:6717012. doi: 10.1155/2022/6717012

Tyagi, W., Pandey, V., **Pokharel, YR.**, Membrane linked RNA glycosylation as new trend to envision epitranscriptome epoch. *Cancer Gene Ther.* 2022 Feb 8. doi: 10.1038/s41417-022-00430-z. Epub ahead of print. PMID: 35136215

Keynote Addresses & Invited Talks

Akundi, RS., 'P2 receptor-dependent cyclooxygenase 2 (COX-2) signaling enhances migration and invasion of the human neuroblastoma cell-line, IMR-32', 40th Annual Meeting of the Indian Academy of Neurosciences, North-Eastern Hill University (NEHU), Shillong, Dec 08, 2022.

Akundi, RS., 'Modulators of inflammation: the purinergic - cyclooxygenase axis', Society for Neurochemistry India, Central India Institute of Medical Sciences (CIIMS), Nagpur, Nov 11, 2022.

Akundi, RS., 'Extracellular ATP - mediated cyclooxygenase 2 modulates inflammation in the systemic and neuronal disorders', International Brain Research Organization (IBRO) Symposium hosted by Institute of Home Economics, University of Delhi, Delhi, Mar 03, 2022.

Akundi, RS., "Purinergic receptor antagonists reduce cyclooxygenase 2-dependent cancer cell migration and invasion", 41st Annual Conference of Indian Association for Cancer Research, Amity University, Noida, Mar 02, 2022.

Gupta, RD., "Protein Engineering to Fight the Foe" on National Science Day organized at School of Studies in Biotechnology, Pt. Ravishankar Shukla University, 14 May 2022. (Virtual mode)

Saxena, P., "Molecular Flexibility of Mycobacterium marinum Type III Polyketide Synthases and Modifying Enzymes", Invited as Distinguished speaker at the 2nd International RMBPD Colloquium on "Deciphering Bioregulatory Mechanisms in Health and Disease using 'Omics' Approaches" as part of University of Delhi Centenary Celebration, Delhi, February 24-25, 2022.

Mustafiz, A., "Phytosulfokine Receptor Kinase plays role in abiotic stress response via ABA dependent pathway." "Recent Trends in Plant Biology", IISM, Srinagar, Kashmir, 5th October 2022.

Mustafiz, A., "Reverse Genetics: A quest to find the master regulator of abiotic stress response". Plant Tissue Culture Association India, NIPB, New Delhi, Delhi, 4th April 2022.

Mustafiz, A., "Phytosulfokine Receptor Kinase: The missing link in ABA dependent abiotic stress response in plants." 'Biotechnological Initiative for Climate Resilient Agriculture' at Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar, India, 8th January, 2022.

Sharma, S., Kumar, M., **Mazumder, S.** (2022). "TLR22: A key flag bearer in fish immunity against *Aeromonas hydrophila* infection" at the National Conference on

Natural Sciences- Exploration Through Innovations (NCNSEI) held at Maharaja Agrasen University, Himachal Pradesh-174103, India.

Pokharel, YR., "Research and Development of MR Rapid Diagnostic Test Kits" Continuous Education Programme (CEP) on the topic "Recent Advances in Biosensing Approaches for Screening and Diagnostic Applications", DIPAS, Delhi, December 7-9, 2022.

Pokharel, YR., "Elucidating the role of PIN1 interacting proteins, SUPT5H in the tumorigenicity of breast cancer" 38th Southern Biomedical Engineering Conference, New Orleans, LA, USA, August 25-28, 2022.

Pokharel, YR., "Elucidating the role of NONO in the Tumorigenicity of Breast Cancer" "EMERGING TRENDS IN TRANSLATIONAL ONCOLOGY (ETTO - 2022)" 2nd Translational Oncology Conference, Department of Medical Oncology, AIIMS, New Delhi & Research and Educational Society of Medical Oncology (RESMO).

Pokharel, YR., "Elucidating the role of SUPT5H in the Tumorigenicity of Breast Cancer", 4th International Conference on Bioscience and Biotechnology, 2022

(ICBB-2022), A Decade in Research: Celebrating RIBB's 10th Anniversary". University of Nepal (UoN), Development Board and Research Institute for Bioscience and Biotechnology (RIBB).

Pokharel, YR., Anti-inflammatory and anti-cancer potency of essential oil extracted from *Cleistocalyx operculatus*. "International Conference on Biodiversity and Bioprospecting", Ministry of Forests and Environment Department of Plant Resources Thapathali, Kathmandu, Hotel Crowne Imperial, Kathmandu, Nepal, Government of Nepal, June 22-24, 2022.

Pokharel, YR., "Elucidating the role of NONO/p54nrb in the tumorigenicity of breast cancer" 9th National Conference on Science and Technology "Science for Society and Innovation for Prosperity", Nepal Academy of Science and Technology (NAST), June 26-28, 2022.

Any Other Academic Achievements

Akundi, RS: Ad-hoc reviewer for the journals ACS Chemical Neuroscience, MDPI- Cells, and Molecular Neurobiology

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

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation	Convenor / Organiser
1	March 4, 2022	<i>"Genetic Heterogeneity in Eye and Muscle Spectrum Disorders with Neuronal Defects"</i>	Dr. Maulinath Acharya, National Institute of Biomedical Genomics	Dr. Rinkoo Devi Gupta
2	March 25, 2022	<i>"The difference between Chemicals and Bio-chemicals"</i>	Shachi Gosavi, Associate Professor, National Centre for Biological Sciences TIFR, Bangalore	Dr. Rinkoo Devi Gupta
3	February 24, 2022	<i>"Pharmacogenomics signatures for antiepileptic drug response in patients with epilepsy"</i>	Prof. Ritushree Kukreti, Chief Scientist, Genomics and Molecular Medicine Unit, CSIR-Institute of Genomics and Integrative Biology (IGIB), Delhi	Dr. Rinkoo Devi Gupta
4	March 11, 2022	<i>Translational Plant Biodiversity Research, Kloster Steinfeld, Germany</i>	CEPLAS / IPK	

Students' Achievements

Sakshi Aggarwal [SAU/BIO(P)/2016/08] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 26th December, 2022 for her thesis, titled "*Characterization of C-terminally Encoded Peptide (CEP) in plant systems and their role in abiotic stress*" completed under the supervision of Dr. Ananda Mustafiz.

Shilpa Sharma [SAU/BIO(P)/2015/01] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 12th December, 2022 for her thesis, titled "*Investigating the Role of P2 Receptors in Modulating Inflammation via COX-2 in Chronic Stress and Cancer*" completed under the supervision of Dr. Ravi Shankar Akundi.

Animesh Sarker [SAU/BIO(P)/2016/09] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 5th December, 2022 for his thesis, titled "*Affinity Maturation of Single Chain Variable Fragment Antibody Specific to Dengue Virus Envelope Protein*" completed under the supervision of Dr. Rinkoo Devi Gupta.

Fauzia Parween [SAU/BIO(P)/2016/03] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 9th September, 2022 for her thesis, titled "*Exploring the Physiological Functions of Human Paraoxonase 2*" completed under the supervision of Dr. Rinkoo Devi Gupta.

Renu Bisht [SAU/BIO(P)/2015/05] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 25th August, 2022 for her thesis, titled "*Dissecting the Functional importance of Type III Polyketide Metabolites in Mycobacterial Biology*" completed under the supervision of Dr. Priti Saxena.

Ajay Kumar Yadav [SAU/BIO(P)/2015/03] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 12th August, 2022 for his thesis, titled "*Role of miRNAs and Glucose Metabolism in the Progression of Non-Alcoholic Fatty Liver Disease to Hepatocellular Carcinoma*" completed under the supervision of Prof. Senthil Kumar Venugopal.

Rabindra Kumar Mahato [SAU/BIO(P)/2016/04] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 28th April 2022 for his thesis, titled "*Anaerobic clostridial fermentation of butanol and hydrogen production from fruits and potatoes waste*" completed under the supervision of Dr. A. K. R. Gobinath.

Sushreesangita Priyadarshini Behera [SAU/BIO(P)/2015/06] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 18th April, 2022 for her thesis, titled "*Modulation of Cellular Adhesion and Migration by Carbon Nanoparticles*" completed under the supervision of Prof. Rajiv Krishna Saxena.

Bilal Ahmad Lone [SAU/BIO(P)/2015/05] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 4th March, 2022 for his thesis, titled "*Elucidating the role of PIN1 interacting proteins, SUPT5H and NONO/p54nrb in the tumorigenicity of breast cancer*" completed under the supervision of Dr. Yuba Raj Pokharel.

Preeti Nagar [SAU/BIO(P)/2015/09] from Faculty of Life Sciences and Biotechnology has been awarded Doctor of Philosophy on 25th February, 2022 for her thesis, titled "*Exploring the role of phyto-sulfokine receptor kinase in response to abiotic stress in plant system*" completed under the supervision of Dr. Ananda Mustafiz.

Fauzia Parween received **Best Poster Award** for the paper presented on 'Human paraoxonase 2 gene polymorphism affects the efficacy of acetylcholinesterase inhibiting drugs used to cure Alzheimer's disease' at DBT-sponsored International Virtual Conference on Biological Innovations and Computational Exploration for Pandemic Challenges (BICPAC'22) at Department of Biotechnology & Bioinformatics, Bishop Heber College, e-Poster, 24-25 February, 2022.

Yadav P., Parween F, and Gupta RD, 'Highly soluble refolded human paraoxonase-2 exhibiting potential anti-biofilm property' at Recent Advances in Nano Medical Sciences (RANMS 2022), University of Delhi, 22 -23 June, 2022.

Shrivastava A., Deswal N, Kumar R, Gupta RD 'A novel triazole-linked 1,4-dihydropyridine-isatin scaffold induces apoptosis and cell cycle arrest in hepatocellular carcinoma' at Recent Advances in Nano Medical Sciences (RANMS 2022), University of Delhi, 22 -23 June, 2022.

Dhama N., Sarker A, Rathore AS and Gupta RD 'Highly Immunogenic Short Peptide Redesigned from the Dengue Virus Envelope Protein' at Recent Advances in Nano Medical Sciences (RANMS 2022), University of Delhi, 22 -23 June, 2022.

Goel, M. has qualified Junior Research Fellowship (JRF) award conducted by Department of Biotechnology, Government of India.

Ghimeray, K. (2022). Novel acetylcholinesterase

inhibitors display potent anti-proliferative effects in the neuroblastoma cells. IBRO/APRC School, Banaras Hindu University (BHU), Varanasi, India. *Oral Presentation*.

Ghimeray, K., Sharma RK., Pulavarthi, S., Juneja, P., Singh, M., Reddy, SR., Akundi, RS. (2022). Anti-proliferative effects of novel imidazopyridazine compounds with anticholinesterase activity. One-day symposium of the Delhi Chapter of Society for Neurochemistry India, Jamia Hamdard University, New Delhi. *Poster*.

Sharma S., Kalra, H., **Akundi, RS.** (2022). Examining the role of extracellular ATP in P2 receptor-mediated inflammatory pathophysiology of cancer metastasis. 41st Annual Conference of Indian Association for Cancer Research, Amity University, Noida. *Poster Presentation*.

Ghimeray, K., Sharma, RK., Pulavarthi, S., Juneja, P., Singh, M., Reddy, SR., Akundi, RS. (2022). Anti-proliferative effects of novel imidazopyridazine compounds with anticholinesterase activity. 41st Annual Conference of Indian Association for Cancer Research, Amity University, Noida. *Poster*.

Jain, A., Mahato, R. and Gobinath A.K.R., Optimisation of whole cell immobilisation conditions for *Bacillus* IBT108, for stable, enhanced, and cost effective α -amylase production in 4th *International Conference on "Challenges in Chemical and Biochemical Engineering for Sustainable Development (CBSD-2022)* held at Annamalai University, 22 March 2022.

Bhattacharyya, A. and Gobinath A.K.R., Generation of a high-level constitutive laccase production system for applications in drug production and disease treatment in 4th *International Conference on "Challenges in Chemical and Biochemical Engineering for Sustainable Development (CBSD-2022)* held at Annamalai University, 22 March 2022.

Khalil, E. and Gobinath A.K.R., Utilization of the waste glycerol for the biohydrogen production by anaerobic fermentation in 4th *International Conference on "Challenges in Chemical and Biochemical Engineering for Sustainable Development (CBSD-2022)* held at Annamalai University, 22 March 2022.

Jain, A., Vranda G. and Gobinath A.K.R., Biohydrogen production from food waste by a synergistic step-wise co-culture fermentation using amylolytic *Bacillus* sp. and hydrogenic *Clostridium* sp. in *International Conference on Biotechnology, Sustainable Bioresources and Bioeconomy (BSBB-2022)* held at IIT Guwahati, 7-11 December 2022.

Khalil, E., Hosai R. and Gobinath A.K.R., Bioprocess engineering for production of fusion protein Human

β -defensin-23 from *E. coli* BL21 (DE3) in *International Conference on Biotechnology, Sustainable Bioresources and Bioeconomy (BSBB-2022)* held at IIT Guwahati, 7-11 December 2022.

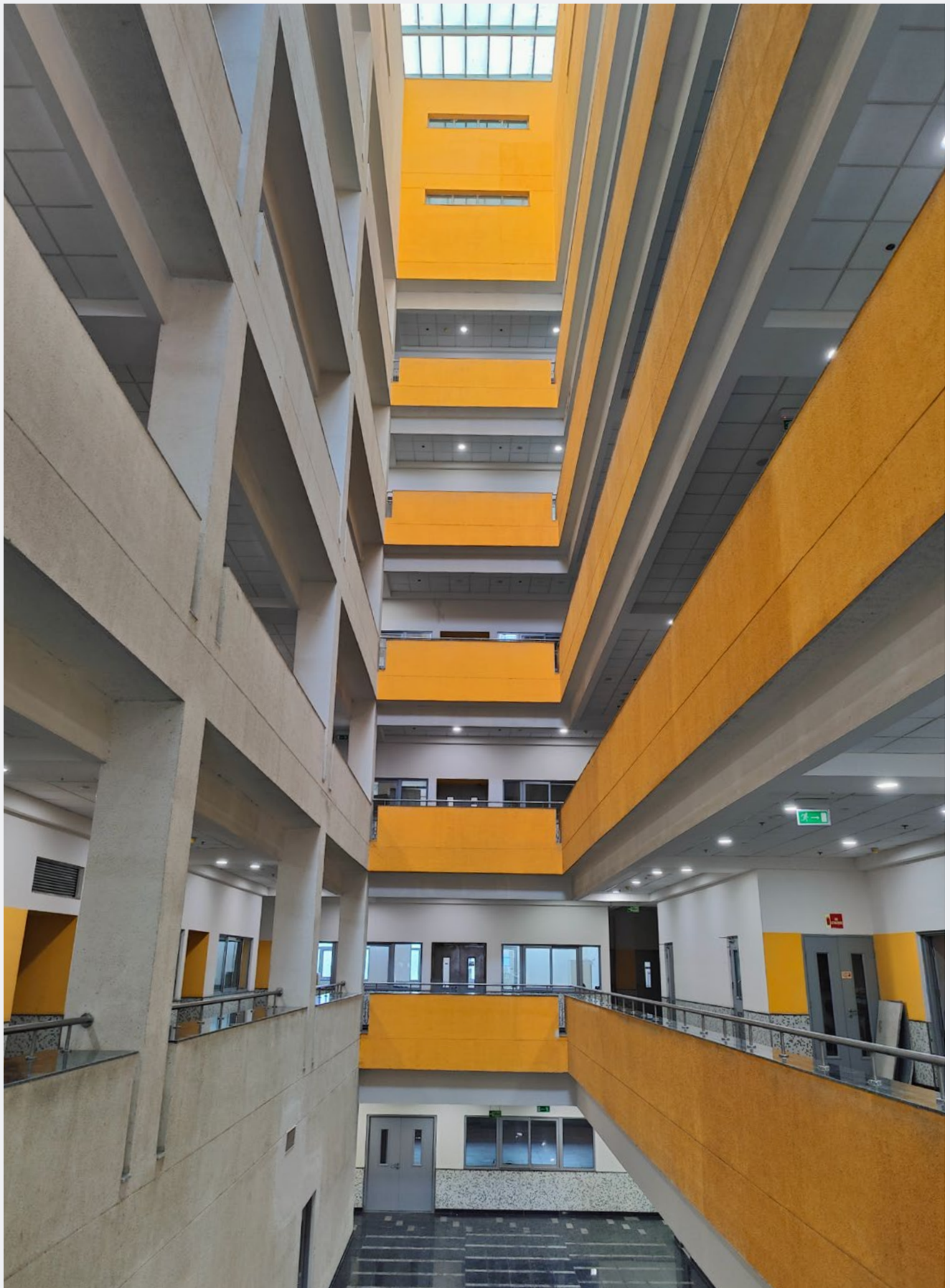
Khalil, E., Akanksha J., Eeshita D., Kun Lin Y., and Gobinath A.K.R., A robust and efficient bioprocess of hydrogen production from crude glycerol by *Clostridium beijerinckii* G117, in *International Conference on Recent Advances in Biotechnology and Environmental Science (ICRABES-2022)* held at VIT-University, 16-18 December 2022.

Hathi, U. P. S., Mazumder, S. Agarwal, N. and Saxena, P., Poster presentation on "Dissecting physiological effects of genetic knock-out of type III PKSs in *Mycobacterium marinum* and possible role in pathogenesis" at "EMBO Workshop on Tuberculosis 2022" organised by Institut Pasteur, Paris, France, September 12-16, 2022.

Hathi, U. P. S., Giri, G. R. and Saxena, P., Poster presentation on "Construction of dual expression vectors and strains for biosynthesis of multimethylated molecules in microbial host cell" at International Conference by Biotechnology Society of Nepal 2022" organized by "Biotechnology for Environmental and Sustainable Technology" at Kathmandu, Nepal, December 17-19, 2022.

Karna, SK. and Sharma, S. had attended two days Industrial workshop on electrochemical Biosensors from 21-22 November 2021-organised by IIT Bombay.

Sharma, S. presented poster: Establishing the role of indole-tethered pyrazoline derivatives as potent anticancer agents targeting topoisomerase α . International Conference on Biotechnology, Sustainable Bioresources And Bioeconomy (Bsbb-2022) Date: December 7 - 11, 2022 Venue: Indian Institute of Technology Guwahati, Guwahati 781039, Assam, India.







Faculty of Mathematics and Computer Science

Coconut – The National Fruit of Maldives

Department of Computer Science

Established by the University in 2010 the Department of Computer Science is among the first departments with which the university started working in its initial years. The department started its teaching activities in the same year i.e. 2010 with post-graduate programme in Computer Science and later it started PhD programme in Computer Science in 2013. The curriculum followed in each programme is unique, up-to-date with the aim to equip the students with theoretical and analytical skills as well as thorough knowledge and expertise in the latest state-of-the art techniques in IT, so that they could face the global challenges.

The Department of Computer Science, admitting students from all SAARC nations, is rendering an important responsibility of bringing out skilled and competent professionals who can work competently in diverse areas with the new insights of problem-solving abilities by producing Computer Science professionals competent enough to fulfill the industrial and research needs of the SAARC nations. The highly dedicated and competent faculty members of the Department have been working tirelessly and have successfully achieve this goal.

To strengthen research activities of the university, the department has instituted Doctor of Philosophy programme with an early exit option with M.Phil. Degree. To create an 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 two general-purpose laboratories, such as computing and hardware laboratories, and six specialized laboratories, including Laboratory for Data Science & Analytics (LDSA), Computational Intelligence Lab, Machine Learning and Statistical Inference Lab (MLSI-LAB), Laboratory for Optical Networking and Systems (LONS), Performance Modeling and Simulation Lab (PMSL), and Laboratory for Distributed Systems and Services (LDS2).

Students Admitted and Country-wise Break-up

Name of Programme: M.Sc.

Batch: 2022

Afghanistan	09	Maldives	0
Bangladesh	02	Nepal	0
Bhutan	01	Pakistan	0
India	13	Sri Lanka	0
Other	-		

Name of Programme: M.Sc.

Batch: 2021

Afghanistan	07	Maldives	0
Bangladesh	02	Nepal	01
Bhutan	02	Pakistan	01
India	12	Sri Lanka	0
Other	-		







Name of Programme: Ph.D.

Batch: All

Afghanistan	03	Maldives	0
Bangladesh	05	Nepal	06
Bhutan	0	Pakistan	0
India	20	Sri Lanka	0
Other	-		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Prof. Muhammad Abulaish	Indian Institute of Technology, Delhi, India, 2007	Professor	Data Analytics and Mining, Machine Learning, Data-driven Cybersecurity
	Prof. Pranab Kumar Muhuri	Indian Institute of Technology (BHU), UP, India, 2005	Professor	Computational Intelligence, Evolutionary Algorithms, Fuzzy Systems, Machine Learning, Real-Time Systems
	Dr. Reshma Rastogi (nee Khemchandani)	Indian Institute of Technology, Delhi, India, 2008	Associate Professor	Machine Learning, Multi-label learning, Optimization, Financial Modelling, Multi-omics data integration models
	Dr. Amit Banerjee	National Tsing-Hua University, Taiwan, 2009	Associate Professor	Blockchain, Internet of Things (IoT), Cloud Computing, Wireless Sensor and Ad Hoc Networks
	Dr. Bijoy Chand Chatterjee	Tezpur University, Assam, India, 2014	Assistant Professor	High-speed networks
	Dr. Shachi Sharma	Jawaharlal Nehru University, New Delhi, India, 2007	Assistant Professor	Performance Modeling, IoT, Applications of Machine Learning

Awards / Honours / Special Recognition

Muhuri, Pranab Kumar:

- Invited to Chair the session on “Novel Detection Methods and Applications” In 2022 IEEE International Conference on Systems, Man, and Cybernetics (SMC) (pp. 2924-2929). Prague, Czech Republic, 2022. IEEE

Chatterjee, B.C.:

- IETE – Brig M L Anand Award
- INSA Visiting Scientist Award
- Selected as Fellow of the Institution of Electronics and Telecommunications Engineers (IETE), India

Grants and Fellowships Conferred on Members of the Faculty

Principal Investigator, Title of Grant, Funding Agency, Duration of Project, Quantum of Funding

- Chatterjee, B.C.**, Efficient resource allocation for spectrally-spatially elastic optical networks, Core Research Grant, Science and Engineering Research Board (SERB), Govt. of India, 2021 to 2023, 48,14,172 INR
- Chatterjee, B.C.**, Development of secured and reliable spectrum allocation schemes for next-generation elastic optical networks, Ministry of Electronics & IT (MeitY), R&D in CC&BT group, Govt. of India, 2021 to 2023, 86,63,952 INR
- Chatterjee, B.C.**, Spectrum defragmentation management in elastic optical networks using machine learning, Indo-Japan collaborative project, DST (India)-JSPS (Japan), 2020 to 2022, 6,60,000 INR (Indian Side) + 2,000,000 JPY (Japan Side)
- Chatterjee, B.C.**, DST Inspire Faculty Research Grant, Dept. of Science and Technology, Govt. of India, Apr 2017 to Mar 2023, 35,00,000 INR

Editorial / Reviewing and Refereeing Appointments

Abulaish, Muhammad:

- Associate Editor, Social Network Analysis and Mining, Springer, since 2021
- Distinguished Review Board Member, ACM Transactions on the Web
- Senior Program Committee Member, CIKM-2022, Atlanta, October 17-22, 2022
- Program Committee Member, SIAM International Conference on Data Mining (SDM), 2022
- Program Committee Member, International Joint Conference on Artificial Intelligence (IJCAI), 2022
- Program Committee Member, IEEE / WIC / ACM International Conference on Web Intelligence, 2022
- Organized a Tutorial on Legal Text Analysis in collaboration with researchers from IBM and University of Delhi at the 19th International Conference on Natural Language Processing (ICON), IIT Delhi, India, December 15-18, 2022

Muhuri, Pranab Kumar:

- **Member, Editorial Board**, Applied Soft Computing Journal, Elsevier Science
- **Member, Editorial Board**, Engineering Applications of Artificial Intelligence, Elsevier Science
- **Member, Program Committee**, the 19th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2022) held at Sant Cugat, Catalonia, Spain during 30 August - 2 September, 2022
- **Member, International Advisory Committee**, International Conference on Machine Intelligence and Emerging Technologies (MIET 2022), organized by Noakhali Science and Technology University (NSTU), Noakhali, Bangladesh during September 23-25, 2022
- **Reviewer**: IEEE Transactions on Cybernetics, IEEE Transactions on Fuzzy Systems, Artificial Intelligence Review, Computers & Industrial Engineering, Reliability Engineering and System Safety, Complex Engineering Systems, IEEE Access, Applied Soft Computing, Engineering Applications of Artificial Intelligence, IEEE International Conference on Systems, Man and Cybernetics, IEEE International Joint Conference on Neural Networks

Rastogi, Reshma:

- Editorial Board Member: Research Reports on Computer Science, since September 2021
- TPC Member: DASA'22, ICAAAIML' 2022
- Journals: IEEE transactions on neural networks, Information Sciences, Neural Networks, Neuro-computing, Neural Processing Letters, Artificial Intelligence Review, Neural computing and its applications, Journal of machine learning and

- cybernetics, Applied intelligence, Springer
- Conferences: DASA'22

Banerjee, Amit:

Referee Service:

- Journals: IEEE Access, IEEE Internet of Things, IEEE Transactions on Network and Service Management, Journal of King Saud University

Chatterjee, B.C.:

- Associate Editor: IEEE Access Journal (From Dec 2018 to Till-date)
- TPC Member: IEEE HPSR, IEEE ICC, IEEE GLOBECOM, IEEE ANTS

Referee Service:

- Journals: IEEE/ACM Transactions on Networking, IEEE Transactions on Communications, IEEE/OSA Journal of Optical Communication and Networking, IEEE Communications Letters, Computer Networks - Elsevier, Optical Fiber Technology - Elsevier, and Optical Switching and Networking - Elsevier
- Conferences: IEEE ICC, IEEE HPSR, IEEE GLOBECOM, and IEEE ANTS

Sharma, Shachi:

- TPC Member: 4th International Conference on Soft Computing and its Engineering Applications (icSoftComp2022), December 9-10, 2022

Referee Service:

- IEEE Access, IEEE Systems Journal

Appointments to Memberships of National / International Bodies

Abulaish, Muhammad:

- Senior member of IEEE, CSI, and ACM
- Life Member of ISTE, ISCA, and IETE

Muhuri, Pranab Kumar:

- Senior Member, IEEE
- Senior Member, IEEE Computer Society
- Senior Member, IEEE Computational Intelligence Society
- Senior Member, IEEE Systems, Man and Cybernetics Society
- Member, ACM

Rastogi, Reshma:

- Member, IEEE; Member, ACM

Banerjee, Amit:

- Member, IEEE; Member, ACM

Chatterjee, B.C.:

- Senior Member of IEEE (93126695), and IEEE Communications Society
- Fellow (F-228152) of The Institution of Electronics and Telecommunication Engineers (IETE), India

Sharma, Shachi:

- Senior Member, IEEE; Member, ACM

PUBLICATIONS

Article / Chapter in Book

Rastogi Reshma, M Hussain, Robust Multi-task Least Squares Twin Support Vector Machines for Classification, Advanced Machine Intelligence and Signal Processing, 393-405, 2022.

Ahmed, I., Oki, E, and **Chatterjee, B.C.**, Crosstalk-Avoided Resource Allocation in Spectrally-Spatially Elastic Optical Networks: An Overview. Advances in Modern and Applied Sciences. USA: Scientific Research Publishing, Inc. 9781649974372, 164997437X

Wadud, A., Oki, E, and **Chatterjee, B.C.**, Performance of Non-Defragmentation and Batch Processing Based Proactive Fragmentation Management Scheme in Elastic Optical Networks. Advances in Modern and Applied Sciences. USA: Scientific Research Publishing, Inc. 9781649974372, 164997437X

Sharma, Shachi, 'Role of Clustering in Discovery Services for the Semantic Internet of Things' in Tools, Languages, Methodologies for Representing Semantics on the Web of Things, Wiley-ISTE, 61-71, 978-1786307644

Article in Journal

Sejwal, V. K., & **Abulaish, M.** (2022). A hybrid recommendation technique using topic embedding for rating prediction and to handle cold-start problem. *Expert Systems with Applications*, 209, 118307.

Abulaish, M., Fazil, M., & Zaki, M. J. (2022). Domain-specific keyword extraction using joint modeling of local and global contextual semantics. *ACM Transactions on Knowledge Discovery from Data (TKDD)*, 16(4), 1-30.

Gulati, J., **Abulaish, M.**, & Bhat, S. Y. (2022). OvSbChain: An Enhanced Snowball Chain Approach for Detecting Overlapping Communities in Social Graphs. *International Journal of Advanced Computer Science and Applications*, 13(5).

Roy, U. K., **Muhuri, Pranab K.**, & Biswas, S. K. (2022). NeSiFC: Neighbors' Similarity-Based Fuzzy Community Detection Using Modified Local Random Walk," in *IEEE Transactions on*

Cybernetics, vol. 52, no. 10, pp. 10014-10026

Nath, R., & **Muhuri, Pranab K.** (2022). Evolutionary optimization based solution approaches for many objective reliability-redundancy allocation problem. *Reliability Engineering & System Safety*, 220, 108190.

Varshney, A. K., **Muhuri, Pranab K.**, & Lohani, Q. D. (2022). PIFHC: The probabilistic intuitionistic fuzzy hierarchical clustering algorithm. *Applied Soft Computing*, 120, 108584.

Varshney, A. K., **Muhuri, Pranab K.**, & Lohani, Q. D. (2022). Density-based IFCM along with its interval valued and probabilistic extensions, and a review of intuitionistic fuzzy clustering methods. *Artificial Intelligence Review*, 1-41.

Garg, S., Kumar, S., & **Muhuri, Pranab K.** (2022). A novel approach for COVID-19 Infection forecasting based on multi-source deep transfer learning. *Computers in Biology and Medicine*, 149, 105915.

Mishra, S., Shukla, A. K., & **Muhuri, Pranab K.** (2022). Explainable Fuzzy AI Challenge 2022: Winner's Approach to a Computationally Efficient and Explainable Solution. *Axioms*, 11(10), 489.

Dev, K., Ashraf, Z., **Muhuri, Pranab K.**, & Kumar, S. (2022). Deep autoencoder based domain adaptation for transfer learning. *Multimedia Tools and Applications*, 81(16), 22379-22405.

Shukla, A. K., Prakash, V., Nath, R., & **Muhuri, Pranab K.** (2022). Type-2 intuitionistic fuzzy TODIM for intelligent decision-making under uncertainty and hesitancy. *Soft Computing*, 1-18.

Jain, Sambhav, and **Rastogi Reshma**, Parametric non-parallel support vector machines for pattern classification, *Machine Learning*, 1-28, 2022.

Rastogi Reshma, Sayed Mortaza, Imbalance multi-label data learning with label specific features, *Neurocomputing*, 513,395-408, 2022.

Rastogi. Reshma, Jain. Sambhav, Multi-label learning via Minimax Probability Machine, *International Journal of Approximate Reasoning*, 145, 1-17, 2022.

Sanjay Kumar, **Reshma Rastogi**, Low rank label subspace transformation for multi-label learning with missing labels, *Information Sciences*, 596, 53-72,2022.

Jain, Sambhav, and **Rastogi Reshma**, Multi-label Minimax Probability Machine with Multi-manifold Regularisation, *Research Reports on Computer Science*, 44-63, 2022.

M Tanveer, T Rajani, **Rastogi Reshma**, YH Shao, MA Ganaie, Comprehensive review on twin support vector machines, *Annals of Operations Research*, 1-46, 2022.

Rastogi Reshma, S Kumar, Discriminatory Label-specific Weights for Multi-label Learning with Missing Labels, *Neural Processing Letters*, 1-35, 2022

Chatterjee, B.C., Ahmed, I., Wadud, A., Maity, M., and Oki, E., BPRIA: Crosstalk-Avoided Bi-Partitioning-Based Counter-Propagating Resource Identification and Allocation for Spectrally-Spatially Elastic Optical Networks. *IEEE Transactions on Network and Service Management* 19(4): 4369 – 4383. 1932-4537

Takeda, K., Sato, T., **Chatterjee, B.C.**, and Oki, E., Joint Inter-Core Crosstalk- and Intra-Core Impairment-Aware Lightpath Provisioning Model in Space-Division Multiplexing Elastic Optical Networks. *IEEE Transactions on Network and Service Management* 19(4): 4323 – 4337. 1932-4537

Chatterjee, B.C., Basavaprabhu, S., and Oki, E., BPA: Approximation Batch-Processing Algorithm for Static Lightpath Requests in Elastic Optical Networks. *IEEE Networking Letters* 4(4): 189-193. 2576-3156

Jana, R.K., **Chatterjee, B.C.**, Singh, A.P., Srivastava, A., Mukherjee, B., Lord, A., and Mitra, A., Quality-Aware Resource Provisioning for Multiband Elastic Optical Networks: A Deep Learning-Assisted Approach. *IEEE/OSA Journal of Optical Communications and Networking* 14(11): 882-893.

Halder, J., Maity, M., Oki, E., and **Chatterjee, B.C.**, Shared Backup Path Protection-Based Resource Allocation Considering Inter-Core and Inter-Mode Crosstalk for Spectrally-Spatially Elastic Optical Networks. *IEEE Communications Letters* 26(3): 637-641. 1558-2558

Jana, R.K., **Chatterjee, B.C.**, Singh, A.P., Srivastava, A., Mukherjee, B., Lord, A., and Mitra, A., Machine Learning-Assisted Nonlinear-Impairment-Aware Proactive Defragmentation for C+L Band Elastic Optical Networks. *IEEE/OSA Journal of Optical Communications and Networking* 14(3): 56-68.

Bao, B., Yang, H., Yao, Q., Yu, A., **Chatterjee, B.C.**, Oki, E., and Zhang, J., SDFa: A Service-Driven Fragmentation-Aware Resource Allocation in Elastic Optical Networks. *IEEE Transactions on Network and Service Management* 19(1): 353-365. 1932-4537

Sharma, Shachi, Analysis of Faults in Software Systems Using Tsallis Distribution: A Unified Approach, *Software*, 1 (4): 473-484. 2674-113X

Mohammadi Hadi, Gupta Sargam, **Sharma, Shachi**, A Large-Scale Performance Study of Entropy-based Image Thresholding Techniques Using New SAD Metric. *Pattern Analysis and Applications*, in Early Access since 16th November 2022. 1433-7541

Article in Conference

Sah, A., & **Abulaish, M.** (2022, December). DeepADA: An Attention-Based Deep Learning Framework for Augmenting Imbalanced Textual Datasets. In

Sah, A., & **Abulaish, M.** (2022, December). DeepADA: An Attention-Based Deep Learning Framework for Augmenting Imbalanced Textual Datasets. In *Proceedings of the 19th International Conference on Natural Language Processing (ICON)* (pp. 318-327).

Abulaish, M., & Gulia, R. (2022, December). Compact Residual Learning with Frequency-Based Non-Square Kernels for Small Footprint Keyword Spotting. In *Proceedings of the 19th International Conference on Natural Language Processing (ICON)* (pp. 328-336).

Abulaish, M., & Bhardwaj, A. (2022, December). MINDS: A Multi-label Emotion and Sentiment Classification Dataset Related to COVID-19. In *Proceedings of the Workshop on Context-aware NLP in eHealth, Co-located with the 19th International Conference on Natural Language Processing (ICON)*, (pp. 1-8).

Sharma, S., **Abulaish, M.**, & Ahmad, T. (2022, November). KEvent–A Semantic-Enriched Graph-Based Approach Capitalizing Bursty Keyphrases for Event Detection in OSN. In *2022 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT)* (pp. 588-595). IEEE.

Sah, A. K., & **Abulaish, M.** (2023, April). ADA: An Attention-Based Data Augmentation Approach to Handle Imbalanced Textual Datasets. In *Neural Information Processing: 29th International Conference, ICONIP 2022, Virtual Event, November 22–26, 2022, Proceedings, Part IV* (pp. 477-488). Singapore: Springer Nature Singapore.

Haque, A., & **Abulaish, M.** (2022, October). A Graph-Based Approach Leveraging Posts and Reactions for Detecting Rumors on Online Social Media. In *Proceedings of the 36th Pacific Asia Conference on Language, Information and Computation (PACLIC)*, (pp. 1-12).

Biswas, S. K., **Muhuri, Pranab K.**, & Roy, U. K. (2022, November). AARS: A novel adaptive archive-based efficient counting method for machine learning applications. In *2022 IEEE International Conference on Data Mining Workshops (ICDMW)* (pp. 618-625). Orlando, FL, USA, 2022. IEEE.

Das, R., Nath, R., Shukla, A. K., & **Muhuri, Pranab K.** (2022, November). Multi-objective Optimization Based Feature Selection Using Correlation. In *Advanced Data Mining and Applications: 18th International Conference*,

ADMA 2022, Brisbane, QLD, Australia, November 28–30, 2022, *Proceedings, Part II* (pp. 325-336). Cham: Springer Nature Switzerland.

Roy, U. K., **Muhuri, Pranab K.**, & Biswas, S. K. (2022, October). bNeSiFC: The Boosted NeSiFC Algorithm for Fast Fuzzy Community Detection based on Neighbors' Similarity. In *2022 IEEE International Conference on Systems, Man, and Cybernetics (SMC)* (pp. 2924-2929). Prague, Czech Republic, 2022. IEEE.

Chakraborty, D., Varshney, A. K., **Muhuri, Pranab K.**, & Lohani, Q. D. (2022, July). Modified Probabilistic Intuitionistic Fuzzy c-Means Clustering Algorithm: MPIFCM. In *2022 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)* (pp. 1-7). Padua, Italy, 2022. IEEE.

Chakraborty, D., Varshney, A. K., **Muhuri, Pranab K.**, & Lohani, Q. D. (2022, July). P-IT2IFCM: Probabilistic Interval Type-2 Intuitionistic Fuzzy c-Means Clustering Algorithm In *2022 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)* Padua, Italy, 2022. IEEE.

Tiwari, A., Lohani, Q. D., & **Muhuri, Pranab K.** (2022, July). Intuitionistic Fuzzy Grey Relational Analysis Sorting Technique. In *2022 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)* (pp. 1-7). Padua, Italy, 2022. IEEE.

S Jain, SS Roy, **Rastogi Reshma**, Neo-Twin Support Vector Machines for Pattern Classification, International Conference on Decision Aid Sciences and Applications, 2022.

Sufyan, F., Chishti, M.S. and **Banerjee, A.**, Energy and Delay Aware Computation Offloading Scheme in MCC Environment. Proc. of 5th Conference on Cloud and Internet of Things (CIoT), March 28-30, 2022, Marrakech, Morocco. (Hybrid conference).

Prajapati, U., Chatterjee, B.C., and **Banerjee, A.**, GLBSM: Greedy-Based Load Balancing by Reducing Switch Migrations in Software-Defined Networks. IEEE International Conference on Advanced Networks and Telecommunications Systems', 18-21 December 2022. IIT, Gandhinagar, Gujrat, India.

Kumar, V., Halder, J., Oki, E., and **Chatterjee, B.C.**, XTawVNE: Inter Core and Inter Mode Crosstalk Aware Virtual Network Embedding in Spectrally Spatially Elastic Optical Networks. Proc. of IEEE ANTS. 18–21 Dec 2022. Gandhinagar, Gujarat, India.

Kawabata, A., **Chatterjee, B.C.**, and Oki, E., MHND: Multi-Homing Network Design Model for Delay Sensitive Distributed Processing Applications. Proc. of IEEE CCNC. 8–11 Jan 2023. Las Vegas, USA.

Halder, J., Oki, E., and **Chatterjee, B.C.**, Regenerator-Aware

Inter-Core and Inter-Mode Crosstalk-Avoided Resource Allocation for Spectrally-Spatially Elastic Optical Networks. 23rd International Conference on High Performance Switching and Routing (HPSR). 6-8 Jun 2022. Jiangu, China (Hybrid: In-Person and Virtual Conference).

Kumar, V., Halder, J., Mitra, A., Oki, E., and **Chatterjee, B.C.**, Inter-Core and Inter-Mode Crosstalk-Avoided Virtual Network Embedding in Spectrally-Spatially Elastic Optical Networks. 23rd International Conference on High Performance Switching and Routing (HPSR). 6-8 Jun 2022. Jiangu, China (Hybrid: In-Person and Virtual Conference).

Chatterjee, B.C., Ahmed, I., Wadud, A., Maity, M., and Oki, E., Impact of Counter-Propagation and Bi-Partitioning in Resource Allocation for Crosstalk-Avoided Spectrally-Spatially Elastic Optical Networks. 18th International Conference on IP + Optical Network (iPOP2022). 3rd Jun 2022. Japan (Hybrid: In-Person and Virtual Conference) [POSTER Presentation].

Halder, J., Maity, M., Oki, E., and **Chatterjee, B.C.**, Resource Allocation Considering Inter-Core and Inter-Mode Crosstalks in Path-Protected Spectrally-Spatially Elastic Optical Networks. 18th International Conference on IP + Optical Network (iPOP2022). 3rd Jun 2022. Japan (Hybrid: In-Person and Virtual Conference) [POSTER Presentation].

Halder, J., Maity, M., Oki, E., and **Chatterjee, B.C.**, Crosstalk and Noise Avoided Resource Allocation Based on Quantum-Key-Distribution for Spectrally-Spatially Elastic Optical Networks. Proc. of IEEE ICC. 16–20 May 2022. Seoul, South Korea (Hybrid: In-Person and Virtual Conference).

Kawabata, A., **Chatterjee, B.C.**, and Oki, E., An Optimistic Synchronization Based Server Selection Scheme with Successive Participation. Proc. of IEEE CCNC, 8–11 Jan 2022. Las Vegas, USA (Virtual Conference) [POSTER Presentation].

Prajapati, U., **Chatterjee, B.C.**, Banerjee, A. GLBSM: Greedy-Based Load Balancing by Reducing Switch Migrations in Software-Defined Networks. Proc. of IEEE ANTS. 18–21 Dec 2022. Gandhinagar, Gujarat, India.

Sharma, Shachi, 'Performance Analysis of Pow/Pow/1/∞ Queue Under Heavy Network Traffic Using Maximum Entropy Approach' at 'IEEE International Conference on Advanced Networks and Telecommunications Systems', organized by Indian Institute of Technology, Gandhinagar, Gujrat, India, 18-21 December 2022.

Bhatt, D., Prakash, **Sharma, Shachi**, 'Analyzing Impact of Different Inter-Arrival Time Distributions on the Performance of IoT Systems' at 'IEEE International Conference on Advanced Networks and Telecommunications Systems', organized by Indian

Institute of Technology, Gandhinagar, Gujrat, India, 18-21 December 2022.

Singh, Vikas, **Sharma, Shachi**, 'AHP-PCP: AHP based Probabilistic Consensus Protocol for Probabilistic Knowledge-based Blockchains' at 'IEEE International Conference on Advanced Networks and Telecommunications Systems', organized by Indian Institute of Technology, Gandhinagar, Gujrat, India, 18-21 December 2022.

Sharma, Shachi, Kothari, Ravi, Ghaswi, Obaidullah, 'Data Stream Clustering Using Embedding Dimension at Edge Gateway' at 'IEEE International Conference on Advanced Networks and Telecommunications Systems', organized by Indian Institute of Technology, Gandhinagar, Gujrat, India, 18-21 December 2022.

Gupta, Sargam, **Sharma, Shachi**, 'FedCLUS: Federated Clustering from Distributed Homogeneous Data' at '4th International Conference on Soft Computing and its Engineering Applications (icSoftComp)', organized by Charotar University of Science & Technology (CHARUSAT), Gujrat, India, 9-10 December 2022.

Sharma, Shachi, Arora, Kanishka, Thakur, Prem, 'Horizontal Federating Decision Tree Learning From Data Streams: Building Intelligence in IoT Edge Networks' at 'IEEE 8th World Forum on Internet of Things (WF-IoT)', Yokohama, Japan, 26th October – 11th November, 2022.

Sharma, Shachi, Singh, Sher, 'Comparative Analysis of Machine Learning Classifiers for Text Classification: Characterization of Features Probability Distribution', at 'IEEE International Conference on Data Science and Information System (ICDSIS)', organized by Malnad College of Engineering, Hassan, Karnataka, India, 29-30 July 2022.

Sharma, Shachi, 'Emergence of Power-Law Behavior in Defect Distribution of IoT Software' at 'IEEE 7th International conference for Convergence in Technology (I2CT)', organized by IEEE Bombay Section, Mumbai, India, 7-9 April 2022.

Article in Workshops and Technical Reports

Abulaish, Muhammad:

Ahmed, I., Oki, E., and **Chatterjee, B.C.**, Crosstalk-Aware vs. Crosstalk-Avoided Approaches in Spectrally-Spatially Elastic Optical Networks: Which is the Better Choice? 5th IEEE Workshop in Recent Advances in Photonics-2022 (WRAP-2022). 4-6 March 2022. IIT Bombay, Mumbai, India.

Takeda, K., Sato, T., **Chatterjee, B.C.**, and Oki, E., Performance of Joint Inter-Core Crosstalk- and Intra-Core Impairment-Aware Lightpath Provisioning Model in Elastic Optical Networks. IEICE Technical Report Photonic Network. vol. 121, no. 350. pp. 23-30, 2022.

Keynote Addresses & Invited Talks

Muhammad Abulaish delivered a talk on Question Answering as a part of the Tutorial on Legal Text Analysis which was organized in collaborations with researchers from IBM and University of Delhi at the 19th International Conference on Natural Language Processing (ICON), IIIT Delhi, India, December 15-18, 2022.

Muhammad Abulaish delivered a Keynote Speech on "Demystifying Socialbots and their Detection using Machine Learning Techniques" at the IEEE Computational Intelligence Society (CIS) Summer School on Deep Learning and Computational Intelligence: Theory and Applications, December 12-16, 2022, at IIT Indore.

Rastogi, Reshma, Machine Learning Algorithms and their applications, at Workshop on Fuzzy Logic, optimization, Soft Computing, CSIU, India

Rastogi, Reshma, Machine/Deep Learning: Applications in Finance, at 2022 IEEE Computational Intelligence Summer School on Deep Learning and Computational Intelligence: Theory and Applications, IIT Indore, India

Rastogi, Reshma, Machine Learning: Applications in Finance, at 2022 APAC BlackRock Innovation Forum, Gurgaon, Haryana, India

Chatterjee, B.C., Resource Allocation for Spectrally Spatially Elastic Optical Networks, at Workshop under India-Japan Science Cooperative Program between DST and JSPS, Kyoto University, Japan, October 25 2022, Japan [Invited talk].

Chatterjee, B.C., BPRIA: Crosstalk-avoided bi-partitioning-based counter-propagation resource identification and allocation for spectrally-spatially elastic optical networks, at One-day workshop on Optical Networks, Kyoto University, Japan, July 14 2022, Japan (Virtual) [Invited talk].

Sharma, Shachi, 'Modeling of IoT Traffic: Current Research and Future Challenges' at 'IEEE 8th World Forum on Internet of Things (WF-IoT)', Yokohama, Japan, 8th November, 2022.

Papers Presented and Lectures Delivered

Muhuri, Pranab Kumar:

Roy, U. K., **Muhuri, Pranab K.**, & Biswas, S. K. (2022,

October). bNeSiFC: The Boosted NeSiFC Algorithm for Fast Fuzzy Community Detection based on Neighbors' Similarity. In 2022 *IEEE International Conference on Systems, Man, and Cybernetics (SMC)* (pp. 2924-2929). Prague, Czech Republic, 2022, IEEE.

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

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation	Convenor / Organiser
1	Jan 27, 2022	<i>Towards Quantum Intelligence</i>	Prof. Amlan Chakrabarti, Professor and Director, A.K. Choudhury School of Information Technology, University of Calcutta, Kolkata-700106, India	Dr. Bijoy Chand Chatterjee
2	Feb 25, 2022	<i>Multiview based Clustering Techniques and Their Applications</i>	Dr. Sriparna Saha, Department of Computer Science and Engineering, Indian Institute of Technology, Patna, India	Dr. Reshma Rastogi
3	April 20, 2022	<i>AI For Personalized Education</i>	Prof. Mukesh Mohania, Department of Computer Science and Engineering, IIT Delhi, India	Dr. Shachi Sharma
4	June 21, 2022	<i>An International Symposium on "Emerging Trends in Deep Learning and Data Analytics"</i>	Prof. Mohammed J. Zaki, Department Head, Department of Computer Science, Rensselaer Polytechnic Institute, Troy, New York, United States	Prof. Mohammad Abulaish
5	Aug 10, 2022	<i>Offloading in Edge Computing and Its Role in Tactile Internet</i>	Dr. Mithun Mukherjee, School of Artificial Intelligence, Nanjing University of Information Science and Technology, Nanjing, China	Dr. Bijoy Chand Chatterjee
6	Oct 20, 2022	<i>Human Pose and Sentiment Analysis using Deep Learning</i>	Prof. Dinesh K. Vishwakarma, Department of Information Technology, Delhi Technological University, Delhi, India	Dr. Reshma Rastogi

Students' Achievements

Rahul Nath (PhD CS 2021) has been selected for a post-doctoral research fellow position in the University of Rennes, Rennes, France

Amit Rauniyar (PhD CS 2021) has been selected for a post-doctoral research fellow position in the University College Dublin, Northern Ireland

Sandeep Kumar (PhD CS 2022) has been selected for a

post-doctoral research fellow position in the University of Dijon, France

Abdul Wadud (MSc CS 2020) has joined CONNECT Center, School of Computer Science, University College Dublin, Ireland as a PhD Research Scholar with full stipend

Sonakshi Garg (MSc CS 2021) has joined Umea University as a PhD Research Scholar with full stipend





Dept. of Mathematics

Raspberry – The National Fruit of Nepal

Department of Mathematics

The Department of Mathematics of South Asian University was founded in 2012, and is one of the most exciting places in South Asian countries to do mathematics. The department has an excellent research reputation, a strong, demanding graduate study program in mathematics, and a full range of excellent Ph.D. program offerings. We have 8 permanent faculty working in areas as various as numerical analysis, functional analysis, graph theory, optimization, fuzzy logic, and mathematical biology. We are home to 2 faculty members listed in the top 2% scientists list (year 2021 and 2022) published by US-based Stanford University. Approximately 48 students are currently doing their masters in mathematics in the department, and 27 students are pursuing their Ph.D. degrees. COVID19 has impacted the standard functionality of the department. However, the strong desire to learn and teach of our students and faculty made it possible to continue all the academic activities in hybrid mode without any hurdle. Apart from the regular classes and research supervision during 2022, the students in the Department of Mathematics have ample opportunities to engage with the latest research, through academic events such as symposiums and workshops, as well as regular lectures and seminars by renowned mathematicians.

Faculty members from the department are also actively engaged in the various administrative responsibilities, including the position of acting president, Associate dean students, director admissions and examinations, chairman library committee are few to name. The department of mathematics is committed to maintain the high standards of teaching and research to ensure academic upliftment throughout the SAARC region.

Students Admitted and Country-wise Break-up

Name of Programme: M.Sc.

Batch: 2021

Afghanistan	06	Maldives	0
Bangladesh	0	Nepal	0
Bhutan	06	Pakistan	0
India	11	Sri Lanka	0
Other	-		

Name of Programme: M.Sc.

Batch: 2022

Afghanistan	09	Maldives	0
Bangladesh	02	Nepal	01
Bhutan	01	Pakistan	01
India	13	Sri Lanka	0
Other	-		

Name of Programme: Ph.D.

Batch: All

Afghanistan	04	Maldives	0
Bangladesh	05	Nepal	01
Bhutan	0	Pakistan	0
India	17	Sri Lanka	0
Other	-		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Ranjan Kumar Mohanty	Indian Institute of Technology, Delhi, India, 1990	Professor	Numerical Analysis, Nonlinear Partial Differential Equations, Computational Fluid Dynamics, Parallel Algorithms
	Deepa Sinha	University of Delhi, Delhi, India, 2007	Professor	Graph Theory
	Pankaj Jain	University of Delhi, Delhi, India, 1996	Professor	Function Spaces, Weighted Norm Inequalities, Integral Operators, Fourier Analysis, Numerical Methods.
	Kapil K. Sharma	Indian Institute of Technology, Kanpur, India, 2004	Professor	Numerical Analysis, Delay Differential Equations (ODE & PDE), Singular Perturbation Theory, Finite Element Analysis.
	Navnit Jha	University of Delhi, Delhi, India, 2005	Associate Professor	Numerical Analysis, Fractal Differential Equations, Scientific Computing
	Jagdish Chand Bansal	Indian Institute of Technology, Roorkee, India	Associate Professor	Optimization Techniques, Swarm Intelligence
	Q M Danish Lohani	Aligarh Muslim University, India, 2009	Associate Professor	Fuzzy Logics, Summability Theory, Generalized Fuzzy Sets
	Saroj Kumar Sahani	Indian Institute of Technology, Roorkee, India, 2008	Associate Professor	Mathematical Biology, Dynamical Systems, Computational Biology

Awards / Honours / Special Recognition

Mohanty, R.K., Top 2% scientists, Listed in top 2% scientists by Stanford University Scientist Rankings 2023.

Sinha, Deepa, Fellow, India Society for Mathematical Modeling and Computer Simulation (ISMMACS), August 30, 2022.

Sinha, Deepa, Members of Executive Committee, India

Society for Mathematical Modeling and Computer Simulation (ISMMACS), 2022.

Jain, Pankaj Council Member, Indian Mathematical Society.

Sharma, Kapil K., Fellow, India Society for Mathematical Modeling and Computer Simulation (ISMMACS), August 30, 2022.

Bansal, Jagdish Chand, Member of the Committee of Experts, Mehar Baba Drone Swarm Competition organized

by Indian Air Force.

Bansal, Jagdish Chand, General Secretary, Soft computing Research Society

Bansal, Jagdish Chand, Top 2% scientists, Listed in top 2% scientists by Stanford University Scientist Rankings 2023.

Lohani, Q M Danish, Senior member, IEEE Society

Grants and Fellowships Conferred on Members of the Faculty

- **Mohanty, R.K.** Fast Numerical Methods in Exponential Form for Multi-dimensional Second- and Fourth-order Quasilinear Parabolic Partial Differential Equations, DST(SERB) under Core Research Grant (PAC Mathematical Science), April 2019 - March 2022, INR 22, 03, 622.
- **Jha, Navnit**, Fractal Partial Differential Equations: Multiscale modelling, Analysis and Computations, Mathematical Research Impact Centric Support, Science and Engineering Research Board, Government of India, April 2022 - March 2025, INR 6,60,000/-
- **Jha, Navnit**, Fractional Differentia Equations: Theory and Computations, Advanced Instructional School, National Centre for Mathematics (a joint centre of IIT Bombay and TIFR, Mumbai), INR 5,34,000/-
- **Bansal, Jagdish Chand**, Drone Swarm: Design and Development, International Collaborative Research Project funded by Liverpool Hope University, INR 8,75,000/- per year for the years 2021, 2022 and 2023.
- **Lohani, Q M Danish**, A Mathematical Study of Intuitionistic Fuzzy Set with Applications in Pattern Recognition, Machine Learning and Image Processing, Mathematical Research Impact Centric Support, Science and Engineering Research Board, Government of India, March 2020 - March 2023, INR 6,60,000/-

Editorial / Reviewing and Referring Appointments

Mohanty R. K., Reviewed research papers of the Journals - *Applied Mathematics and Computations*, *Applied Numerical Mathematics*, *International Journal of Computer Mathematics*, *Applied Mathematical Modelling*, *Numerical Methods for Partial Differential Equations*, *Engineering Computations*, *Engineering with Computers*, *Journal of Computational and Applied Mathematics*,...etc. during 2021.

Sinha Deepa, Reviewed research papers for *National and international Journal of high impact factor like*

Discrete Applied Mathematics, *Graphs and Combinatorics*, *International Journal of Physical Sciences etc.*, *National Academy of Science Letters*, *Discussiones Mathematicae Graph Theory*, *Proceedings of the National Academy of Sciences, India*, *Springer Plus*, *AKCE International Journal of Graphs and Combinatorics*...

Sinha Deepa, Associate Editor- MATHEMATICA MORAVICA, Published by Faculty of Technical Sciences Čačak, University of Kragujevac, Department of Mathematics, Svetog Save 65, 32000 Čačak, Serbia.

Sinha Deepa, Associate Editor-Journal of Combinatorics, Information & System, Sciences (JCISS), A Quarterly International Scientific Journal, JCI SS is a Publication of "Forum for Interdisciplinary Mathematics (FIM)" Sciences (JCISS), A Quarterly International Scientific Journal, JCI SS is a Publication of "Forum for Interdisciplinary Mathematics (FIM)".

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

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

Pankaj Jain, Referred several articles for various reputed scientific journals.

Pankaj Jain, External Examiner for several PhD Thesis of various universities.

Sharma, Kapil K., Member, Manuscript Processing Committee, Differential Equations and Dynamical System.

Jha, Navnit, Reviewed research papers of the Journals- *International Journal of Computer Mathematics*, *Fractal and Fractional*, *Alexandria Engineering Journal*, *Journal of Engineering Mathematics*, *Research Reports on Computer Science*, *Symmetry*

Bansal, Jagdish Chand, Series Editor, *Algorithms for Intelligent Systems*, published by Springer

Bansal, Jagdish Chand, Series Editor, *Studies in Autonomic, Data-driven and Industrial Computing*, published by Springer

Bansal, Jagdish Chand, Series Editor, *Innovations in Sustainable Technologies and Computing*, published by Springer

Bansal, Jagdish Chand, Section Editor (Mathematics and Statistics) of *MethodsX* published by Elsevier

Bansal, Jagdish Chand, Associate Editor, *Engineering Applications of Artificial Intelligence*, published by Elsevier

Bansal, Jagdish Chand, Associate Editor, *Array*, published by Elsevier

Saroj Kumar Sahani, Reviewed articles for American Mathematical Society and other Journals,

Appointments to Memberships of National / International Bodies

Sinha, Deepa, *Executive Council member*, Indian Academy for Mathematical Modeling and Simulation (IAMMS), under the Aegis of Indian Institute of Technology Kanpur.

Sinha, Deepa, *Executive Council member*, Academy of Discrete Mathematics and Applications.

Sinha, Deepa, *Life Member* of the Indian Mathematical Society, Ramanujan Mathematical Society, Academy of Discrete Mathematics and Applications, Indian Academy for Mathematical Modeling and Simulation (IAMMS), Soft Computing Research Society, Indian Academy for Mathematical Modeling and Simulation (IAMMS), under the Aegis of Indian Institute of Technology Kanpur.

Jain, Pankaj, *Council Member*, Indian Mathematical Society.

Jain, Pankaj, *Life Member* of Indian Mathematical Society, Allahabad Mathematical Society, Jammu Mathematical Society. Member of American Mathematical Society.

Bansal, Jagdish Chand, *General Secretary*, Soft computing Research Society

PUBLICATIONS

Mohanty, R.K. and Ghosh, B.P. (2022), High resolution operator compact implicit half-step approximation for 3D quasi-linear hyperbolic equations and ADI method for 3D telegraphic equation on an irrational domain, *Applied Numerical Mathematics*, Vol. 172, pp. 446-474.

Priyadarshini, I. and **Mohanty, R.K.** (2022), High Resolution compact Numerical Method for the System of 2D Quasilinear Elliptic Boundary Value Problems and the Solution of Normal Derivatives on an Irrational Domain with Engineering Applications, *Engineering with Computers*, Vol. 38, pp. S539-S560.

Setia, Nikita and **Mohanty, R.K.** (2022), A high accuracy variable mesh numerical approximation for two point nonlinear BVPs with mixed boundary conditions, *Soft*

Computing, Vol. 26, pp. 9805-9821.

Mohanty, R.K., Setia, Nikita, Khurana, Gunjan and Manchanda, Geetan (2022), High Precision Compact Numerical Approximation in Exponential Form for the System of 2D Quasilinear Elliptic BVPs on a Discrete Irrational Region, *MethodsX*, Vol. 9, ID: 101790.

Mohanty, R.K., Ghosh, B.P., and Arora, U. (2022), High Precision Implicit Method for 3D Quasilinear Hyperbolic Equations on a Dissimilar Domain: Application to 3D Telegraphic Equation, *Computers and Mathematics with Applications*, Vol. 122, pp. 93-116.

Mohanty, R.K. and Ghosh, B.P. (2022), A High-Resolution Bi-parametric Unconditionally Stable ADI Method for 2D Uniform Transmission Line Equation, *Computational and Applied Mathematics*, Vol. 41, ID: 299.

Kaur, Bableen, **Sinha, Deepa** (2002), Properties of derived signed graphs on Beck's zero-divisor graph, *Discrete Mathematics, Algorithms and Applications*, <https://doi.org/10.1142/S179383092250135X>.

Wardak, Obaidullah, Dhama, Ayushi and **Sinha, Deepa** (2022), On Some Properties of Addition Signed Cayley Graph Σ_n , *Mathematics*, 10.3390/math10193492.

Sinha, Deepa, Wardak, Obaidullah, and Dhama, Ayushi (2022), On Some Properties of Signed Cayley Graph Σ_n , *Mathematics*, 10.3390/math10152633.

Kansal, Neha, Kaur, Bableen, Garg, Pravin and **Sinha, Deepa** (2022), On Another Class of Strongly Perfect Graphs, *Mathematics*, 10.3390/math10122014

Sethi, Anshu, **Sinha, Deepa** and Wardak Obaidullah (2022), Algorithmic Approach to Find S-Consistency in Common-Edge Signed Graph, *MethodsX*, 10.1016/j.mex.2022.101783

Monika Singh, Arun Pal Singh and **Jain, Pankaj** (2022), Rubio de Francia extrapolation results for grand Lebesgue spaces defined on sets having possibly infinite measure, *Math. Ineq. & Appl.*, Vol. 25, 1079-1099.

Jain Pankaj, Chandrani Basu and Vivek Panwar (2022), Various convergences of multifunctions, *Trans. Razmadze Math. Inst.*, Vol. 176, 217-223.

Jain, Pankaj, Chandrani Basu and Vivek Panwar (2022), Selection of slightly B-continuous multi-functions, *Eurasian Math. J.*, Vol. 13, 55-61.

Arun Pal Singh, Monika Singh, **Jain, Pankaj** and Rahul Panchal (2022), Rubio de Francia extrapolation theorem

in variable Lebesgue space for $B_p(\cdot)$ weights, *Ricerche de Math.*, doi.org/10.1007/s11587-021-00659-0.

Jain, Pankaj, Chandrani Basu and Vivek Panwar (2022), Two dimensional (P;Q)-Mellin transform and applications, *Asian-European J. Math.* 15, doi.org/10.1142/S1793557122500814.

Jain, Pankaj (2022), Classical inequalities for pseudo-integral, *Georgian Math. J.*, 29, 373-385.

Jain, Pankaj and Rohit Manglik (2022), Certain inequalities for fractional (p; q)-calculus, *Tbilisi Math. J.*, 15, 71-88.

Jain, Pankaj, Chandrani Basu and Vivek Panwar (2022), Reduced (p; q)-differential transform method and applications, *J. Ineq. Sp. Funct.*, 13, 24-40.

Mittal, Avinash, Balyan, Lokendra and **Sharma, Kapil K.** (2022) A spectrally accurate time-space pseudospectral method for viscous Burgers' equation, *Numerical Methods for Partial Differential Equations*, Accepted.

Jha, Navnit Numerical treatment of fractal boundary value problems for heat conduction in polar bear with spatial variation of thermal conductivity, *Examples and Counterexamples 2* (2022) 100088, 1-4.

Jha, Navnit, Shikha Verma, A High-Resolution Convergent Radial Basis Functions Compact-FDD for Boundary Layer Problems on a Scattered Mesh Network Appearing in Viscous Elastic Fluid, *Int. J. Appl. Comput. Math* (2022) 8:244, 1-27.

Jha, Navnit, Shikha Verma, Method of approximations for the convection-dominated anomalous diffusion equation in a rectangular plate using high-resolution compact discretization, *MethodsX* 9 (2022) 101853, 1-23.

Jha, Navnit, Ping Lin, Digital Simulations for Three-dimensional Nonlinear Advection- diffusion Equations Using Quasi-variable Meshes High-resolution Implicit Compact Scheme, *Research Reports on Computer Science*, 1(2022) 85-110.

Gupta, Shubham, Shitu Singh, Rong Su, Shangce Gao, and **Bansal, Jagdish Chand**, "Multiple Elite Individual Guided Piecewise Search-Based Differential Evolution." *IEEE/CAA Journal of Automatica Sinica* 10, no. 1 (2023): 135-158.

Singh, Shitu, and **Bansal, Jagdish Chand**, "Mutation-driven grey wolf optimizer with modified search mechanism." *Expert Systems with Applications* 194 (2022): 116450.

Bansal, Jagdish Chand, Nikhil Sethi, Ogbonnaya Anicho,

and Atulya Nagar. "Drone flocking optimization using NSGA-II and principal component analysis." *Swarm Intelligence* (2022): 1-25.

Pachung, Probbhat, and **Bansal, Jagdish Chand**, "An improved tangent search algorithm." *MethodsX* 9 (2022): 101839.

Tiwari, Ashutosh, **Lohani, Q M Danish**, "Proposed Intuitionistic Fuzzy Entropy Measure along with Novel Multicriteria Sorting Techniques". *IEEE Access* (2022): DOI: 10.1109/ACCESS.2022.3231903.

Khan, Mohd Shoaib, **Lohani, Q M Danish**, "Topological analysis of intuitionistic fuzzy distance measures with applications in classification and clustering". *Engineering Applications of Artificial Intelligence* 116(2022): 105415.

Varshney, AK, P K Muhuri, **Lohani, Q M Danish**, "Density-based IFCM along with its interval valued and probabilistic extensions, and a review of intuitionistic fuzzy clustering methods". *Artificial Intelligence Review* (2022): 1-41.

Varshney, AK, P K Muhuri, **Lohani, Q M Danish**, "PIFHC: The Probabilistic Intuitionistic Fuzzy Hierarchical Clustering Algorithm". *Applied Soft Computing* 120(2022): 108584.

Kaushal, Meenakshi, **Lohani, Q M Danish**, "Intuitionistic Fuzzy c-Ordered Means Clustering Algorithm". *IEEE Access* 10(2022): 26271-26281.

Khan, Mohd Shoaib, Meenakshi Kaushal, **Lohani, Q M Danish**, "**CESÁRO PARANORMED SEQUENCE SPACE BASED INTUITIONISTIC FUZZY DISTANCE MEASURE**". *Journal of Inequalities and Special Functions* 13(2022): 1-13.

Kaushal, Meenakshi, **Lohani, Q M Danish**, "Generalized intuitionistic fuzzy c-means clustering algorithm using an adaptive intuitionistic fuzzification technique". *Granular Computing* 7(2022): 183-195.

Ronobir Chandra Sarker & **Sahani, Saroj Kumar** Turing Pattern Dynamics in an SI Epidemic Model with Superdiffusion, *International Journal of Bifurcation and Chaos*, 32 (11), 2230025.

Ronobir Chandra Sarker & **Sahani, Saroj Kumar**, Pattern Formation in Epidemic Model with Media Coverage, *Differential Equations and Dynamical Systems* (2022). <https://doi.org/10.1007/s12591-022-00595-x>.

Books (Multiple Authors)

Bansal, Jagdish Chand, Bajpai, Prathu, Rawat Anjali,

Nagar, Atulya K., *Sine Cosine Algorithm for Optimization*, Springer Briefs in Applied Sciences and Technology, Springer Nature, 10.1007/978-981-19-9722-8.

Uddin, Mohammad Shorif, and **Bansal, Jagdish Chand** (Ed.). "Computer Vision and Machine Learning in Agriculture, Volume 2." Algorithms for Intelligent Systems, Springer Nature, <https://doi.org/10.1007/978-981-16-9991-7>.

Article / Chapter in Book

Rawat, Anjali, Shitu Singh, and **Bansal, Jagdish Chand**, "Sine Cosine Algorithm: Introduction and Advances." In *The Palgrave Handbook of Operations Research*, pp. 447-467. Cham: Springer International Publishing, 2022.

Fahmida Islam, Sk, Mohammad Shorif Uddin, and **Bansal, Jagdish Chand**, "Harvesting Robots for Smart Agriculture." In *Computer Vision and Machine Learning in Agriculture, Volume 2*, pp. 1-13. Singapore: Springer Singapore, 2022.

Keynote Addresses & Invited Talks

Mohanty, R.K. (Plenary talk – via online) on 'High Accuracy Compact ADI Method for 2D Transmission Line Equation on an Unequal Mesh' in the International Conference on Dynamical Systems and Numerical Methods, organised by Department of Mathematics, Jamia Millia Islamia, New Delhi, during May 20-21, 2022.

Mohanty, R.K. (Expert Lecture – via online) on 'High Accuracy Bi-parametric ADI Method for 2D Telegraphic Equation' in the short term course on Recent development in Numerical Methods for Partial differential equations, organised by Department of Mathematics, NIT Hamirpur, Himachal Pradesh-177005 during May 30-June 3, 2022.

Mohanty, R. K. (Presidential address – via online) - IEEE World Conference on "Applied Intelligence and Computing AIC-2022" organized by GEC Sonbhadra in collaboration with Soft Computing Research Society on 17 June 2022.

Mohanty, R. K. (Presidential address) - International Conference on "The New Afghanistan: Challenges and Probable International Response" organized by the Department of International Relations, Faculty of Social Sciences, South Asian University, New Delhi-110021 during September 9-10, 2022.

Mohanty, R. K. (Presidential address) - Author Workshop on 'Effective Writing' organized by the Department of Mathematics, Faculty of Mathematics and Computer

Science, South Asian University, New Delhi-110021 on 16th September, 2022.

Mohanty, R. K. (Presidential address) - Author Workshop on Three E's (Explore, Experience and Express) of Mindfulness organized by the Department of Mathematics, Faculty of Mathematics and Computer Science, South Asian University, New Delhi-110021 on 16th September, 2022.

Mohanty, R. K. (Presidential address) - International Conference on "Advances in Computational Intelligence (IJCACI-2022)" jointly organised by SAU Center for Research and Innovative Learning (SCRIL), India, and Jahangirnagar University, Bangladesh during October 15-16, 2022.

Mohanty, R.K. (Plenary talk) on 'Bi-parametric Unconditionally Stable Alternating Direction Implicit (ADI) Method for 2D Uniform Transmission Line Equation' in 6th International Conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2022), organised by Department of Mathematics, Jaypee Institute of Information Technology (JIIT), Noida, India during December 08-10, 2022.

Mohanty, R. K. (Presidential address – via online) - Congress on 'Smart Computing Technologies (CSCT-2022)' organized by SAU center for research and innovative learning (SCRIL), New Delhi, India on December 11, 2022.

Mohanty, R. K. (Presidential address) - Workshop on 'Fractional Differential Equations: Theory and Computations, FDETC-2022' organized by National Centre of Mathematics, NBHM and South Asian University, New Delhi, India during December 12-24, 2022.

Mohanty, R.K. (Invited talk) on 'Unconditionally Stable ADI Method for 2D Uniform Transmission Line Equation with Unequal Mesh Size Discretization' in 5th International Conference on Frontiers in Industrial and Applied Mathematics (FIAM-2022), organised by Department of Mathematics, Central University of Haryana, Haryana, India, during December 22-23, 2022.

Sinha, Deepa (Invited Talk) on 'Secured Network Using Signed Graphs' in the National Seminar on Current Scenario in Graph Theory and its Applications, organized by Department of Mathematics, V. V. Vanniaperumal College for Women, Virudhunagar, India, during February 2, 2022.

Sinha, Deepa (Invited Talk) on 'Signed Graph Application' in one day symposium in mathematics on the National Mathematics Day on 22nd December, 2022 (Ramanujan's birthday), organized by School of Physical Sciences (SPS),

Jawaharlal Nehru University, India, during December 22, 2022.

Sinha, Deepa (Invited Talk) on 'Spectrum of the iterated local transitivity signed model' in 5th International Conference on Recent Advances in Mathematical Sciences with Applications in Engineering and Technology (IC-RA-MSA-ET-2022) on the occasion of Golden Jubilee Celebration of Vijnana Parishad of India (Society for Applications of Mathematics), organized by School of Computational and Integrative Sciences, Jawaharlal Nehru University, India, during June 16-18, 2022.

Sinha, Deepa (Invited talk) on 'ENCRYPTION AND DECRYPTION OF SIGNED GRAPH THROUGH RSA ALGORITHM' in the International Conference on Real World Domains and Interfaces in Mathematics: Challenges Tools & Strategies (ICRWDIM-2022), organized by Department of Mathematics, University of Rajasthan, Jaipur, India, during December 17-18, 2022.

Jain, Pankaj - An invited talk on "*On Hausdorff and Quasi-Hausdorff Operators*" in the International Conference on Nonlinear Analysis, Function spaces and Applications organized by the Faculty of Electrical Engineering, Czech Technical University in Prague, Prague, Czech Republic during May 30 - June 3, 2022.

Jain, Pankaj - An invited talk on "*On Hausdorff operators in the framework of weighted Lebesgue and grand Lebesgue spaces*" in the International Conferences on Function Spaces and Applications organized by the Friedrich Schiller University, Jena, Germany during October 1-7, 2022.

Jain, Pankaj - An invited talk on "*On Fourier type integral transforms and the Hausdorff Operator*" in the National Conference on Harmonic Analysis and Applications" (NCHAA-2022) held at Indian Institute of Technology (Indian School of Mines), Dhanbad during December 02-04, 2022.

Sharma, Kapil (Invited talk-online mode) Numerical Methods for Singularly Perturbed Problems, 1st International Conference on Recent Advances in Mathematical Sciences and Interdisciplinary Areas (RAMSIA-2022), GLA University Mathura June 23-25, 2022.

Sharma, Kapil (Invited talk) The Solution Methodologies for Singular Perturbation Models: Issues and Challenges, Conference on Algebra, Analysis and Applications (CA3@AUD 2022), School of liberal studies, Ambedkar University, Delhi, August 05, 2022.

Sharma, Kapil (Expert talk) Applications of Mathematics in Computational Sciences, One Day Symposium on Computational Sciences, jointly organized by Department

of Computer Science and Applications and Department of Statistics, Panjab University Chandigarh, August 25, 2022.

Sharma, Kapil (Invited talk) Evolution of Numerical Algorithms for Initial Value Problems, Chandigarh Science Congress (CHASCON-2022), Panjab University, Chandigarh September 15-17, 2022.

Sharma, Kapil (Chaired a Session-online mode) International Conference on Evolution in Pure & Applied Mathematics" (ICEPAM-2022), Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, Punjab November 16-18, 2022.

Sharma, Kapil (Invited talk) Singularly Perturbed Problems: Challenges & Remedies, National Conference on Recent Advances in Mathematics organized by Department of Mathematics, Kurukshetra University, Kurukshetra, December 26-27, 2022.

Bansal, Jagdish Chand (Keynote Talk), 7th International Conference on Harmony search, Soft computing and Applications (ICHSA 2022), 23-24 Feb. 2022, Seoul, South Korea, 23-24 Feb. 2022

Bansal, Jagdish Chand (Keynote Talk), 7th International Conference on Soft Computing for Problem Solving 2022, University Institute of Technology, Himachal Pradesh University Summerhill, Shimla, INDIA during 16 - 18 December 2022

Bansal, Jagdish Chand (Invited Talk), National Mathematics Day, Jaypee University of Information Technology (JUIT), Wagnaghat is planning to celebrate National Mathematics Day on 22nd December 2022

Bansal, Jagdish Chand (Keynote Talk), 2022 Fourth Doctoral Symposium on Intelligence Enabled Research (DoSIER 2022) organized by Cooch Behar Government Engineering College, Cooch Behar, India in association with Acuminous Research Foundation (AcuminoR) and in collaboration with Algebra University College, Zagreb, Croatia during December 22-23, 2022

Bansal, Jagdish Chand (Keynote Talk), Two Week Online Faculty Development Program on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB (AOT 2022) Jointly organized by Electronics & ICT Academies at MNIT Jaipur, NIT Patna & IIITDM Jabalpur, August 8 - 19, 2022

Bansal, Jagdish Chand (Keynote Talk), 1st International Conference on Information and Communication Technology for Development (ICICTD 2022) held during July 29 -30, 2022 at Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh.

Bansal, Jagdish Chand (Invited Talk), Three-Day 5th International Conference on Recent Advances in Mathematical Sciences with Applications in Engineering and Technology (IC-RA-MSA-ET-2022), June 16-18, 2022. JNU Delhi.

Bansal, Jagdish Chand (Keynote Talk) 7th International Conference on Information System Design and Intelligent Applications – INDIA 2022 during 25th & 26th Feb 2022 at BVRIT HYDERABAD College of Engineering for Women.

Lohani, Q M Danish, “Fuzzy Optimization” International Workshop on Advances in Mathematics using research tools held during March 25-26, 2022 at Akal University, Talwandi, Sabo.

Any Other Academic Achievements

Deepa Sinha, – Chaired a session in the 5th International Conference on Recent Advances in Mathematical Sciences with Applications in Engineering and Technology (IC-RA-MSA-ET-2022) on the occasion of Golden Jubilee Celebration of Vijnana Parishad of India (Society for Applications of Mathematics), organized by School of Computational and Integrative Sciences, Jawaharlal Nehru University, India, during June 16-18, 2022.

Pankaj Jain – Chaired a session in the International Conference on Nonlinear Analysis, Function spaces and Applications organized by the Faculty of Electrical Engineering, Czech Technical University in Prague, Czech

Republic during May 30 - June 3, 2022.

Pankaj Jain – Chaired a session in the National Conference on Harmonic Analysis and Applications” (NCHAA-2022) held at Indian Institute of Technology (Indian School of Mines), Dhanbad during December 02-04, 2022.

Pankaj Jain – Chaired a session in the 88th Annual Conference of the Indian Mathematical Society-An International Meet held at BIT Mesra, Ranchi during December 27-30, 2022.

Jagdish Chand Bansal, Established and received external funding, Center for Research and Innovative Learning SCRIL (<https://scril.sau.int/>) – A self-sustained center at South Asian University

Chakraborty, D, A K Varshney, P K Muhuri, **Q M Danish Lohani**. “Modified Probabilistic Intuitionistic Fuzzy c-means Clustering Algorithm”. IEEE International Conference on Fuzzy Systems (Fuzz-IEEE), Italy, 2022.

Das, N R, SS Nur, Ashutosh Tiwari, **Q M Danish Lohani**. “A novel Sugeno Integral based Similarity Measure of Generalized Intuitionistic Fuzzy soft sets and its Application in Decision making”. IEEE International Conference on Fuzzy Systems (Fuzz-IEEE), Italy, 2022.

Tiwari, Ashutosh, **Q M Danish Lohani**, P K Muhuri,. “Intuitionistic Fuzzy Grey Relational Analysis Sorting Technique”. IEEE International Conference on Fuzzy Systems (Fuzz-IEEE), Italy, 2022.

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

Sl. No.	Date	Subject / Topic	Speaker’s Name with Affiliation	Convenor / Organiser
1	Sep 1, 2022	<i>Approximate Controllability of Finite Delay Fractional Functional Integro-Differential Equations with Non local Condition</i>	Prof. Dharendra Bahuguna, IIT Kanpur	Prof. Kapil Sharma
2	Nov 16, 2022	<i>Mathematical Beauty – some examples</i>	Prof. Shariefuddin Pirzada, University of Kashmir	Prof. Deepa Sinha

Any Other Item

A 12 day Advanced Instructional School on Fractional Differentia Equations: Theory and Computations was

organized at South Asian University in collaboration with National Centre for Mathematics (a joint center of IIT Bombay and TIFR, Mumbai), from 12th – 24th December, 2022. Dr. Navnit Jha was the convener of the event.





Faculty of Social Sciences

Jackfruit – The National Fruit of Bangladesh

Department of International Relations

The year 2022 was one of transition, as the Department of International Relations – along with the rest of the University community – returned to offline classes and academic events. The opportunity to once again sit together and engage in theoretically informed, evidence-based discussions on international politics was a welcome change from virtual conversations.

Reflecting its mandate to focus on crucial issues within the South Asian region, the Department organised a two-day international conference on The New Afghanistan: Challenges and Probable International Responses, in collaboration with the Indian Council of World Affairs, on September 9-10, 2022. In addition, a number of guest speakers delivered seminars on a diverse range of subjects, from an assessment of the role of international organizations to examination of domestic and foreign policy developments in Afghanistan, Bhutan, China and India; two seminars on the Russia-Ukraine war were also organised.

Faculty members as well as students continued to strengthen the Department's record of publishing and presenting research on topics encompassing both traditional and critical International Relations. Two volumes, a book on South Asian border studies and a Special Issue on intersectional approaches to security studies, were co-edited by faculty members. A senior colleague also served as the Lead Author for Chapter 10 (Asia) of the Working Group II Contribution to the Sixth Assessment Report (2019-2021) of the Intergovernmental Panel on Climate Change.

A number of faculty members were invited to participate in track II processes relating to their area of expertise. Furthermore, through their contributions to the work of professional associations such as International Studies Association, and reputed publications (as reviewers and editors), faculty members sought to serve the larger IR community. In keeping with the Department's customary approach to the study and practice of international politics, experiences and perspectives from South Asia were foregrounded in these efforts.

Students Admitted and Country-wise Break-up

Name of Programme: M.A. International Relations

Batch: 2022

Afghanistan	03	Maldives	0
Bangladesh	02	Nepal	02
Bhutan	02	Pakistan	02
India	14	Sri Lanka	02
Other	-		

Name of Programme: M.A. International Relations

Batch: 2021

Afghanistan	03	Maldives	0
Bangladesh	0	Nepal	03
Bhutan	01	Pakistan	0
India	06	Sri Lanka	0
Other	-		

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

Batch: All

Afghanistan	05	Maldives	0
Bangladesh	07	Nepal	05
Bhutan	01	Pakistan	0
India	19	Sri Lanka	0
Other	-		

Details of Faculty Members

Faculty members:

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Prof. Sanjay Chaturvedi	Panjab University, Chandigarh, India, 1989	Professor; Dean, FSS	Theories and Practices of Geopolitics with Special Reference to Polar Regions and Indian Ocean, Climate Change, Non-Western IR
	Dr. Dhananjay Tripathi	Jawaharlal Nehru University, New Delhi, India, 2010	Associate Professor; Chairperson, DIR	Region, Regionalism and Borders (South Asia & Europe) Political Economy
	Dr. Jayashree Vivekanandan	Jawaharlal Nehru University, New Delhi, India, 2008	Associate Professor	History and IR theory, Postcolonial theory, Indian strategic thought and practice, Memory politics, visual politics, Transboundary resource governance in South Asia
	Dr. Soumita Basu	Aberystwyth University, UK, 2009	Associate Professor	United Nations (especially the UN Security Council), Feminist International Relations, Critical Security Studies, International Organisations and Multilateral Diplomacy
	Dr. Shweta Singh	Jawaharlal Nehru University, New Delhi, India, 2012	Associate Professor	Feminist International Relations, Women, Peace and Security Agenda (South Asia), Critical peace and conflict studies, Gender and Populism, Contemporary politics of Afghanistan and Sri Lanka
	Dr. Medha Bisht	Jawaharlal Nehru University, New Delhi, India, 2010	Associate Professor	Asian strategic thought and practice, non-Western epistemologies, transboundary water governance, South Asia
	Dr. Nabarun Roy	Carleton University, Ottawa, Canada, 2011	Associate Professor	Theories of International Relations, Indian Foreign Policy, Great Power Politics, Geopolitics of Asia and South Asia, Wars in IR, Historical Dimension of IR

Awards / Honours / Special Recognition

Bisht, Medha, selected as a South Asian delegate for professional training course on 'multi-scale integrated river basin management in the Koshi Basin and Murray Darling Basin, August-September 2022, co-hosted and organised by ICIMOD and Griffith University.

Grants and Fellowships Conferred on Members of the Faculty

Tripathi, Dhananjay received conference grant of INR 200000 from Indian Council of World Affairs, September 2022.

Editorial / Reviewing and Referring Appointments

Chaturvedi, Sanjay continued to serve as Chief Editor, Journal of Indian Ocean Region (Routledge), Regional Editor of the *Polar Journal* (Routledge) and as member on the editorial committee of *India Quarterly: A Journal of International Affairs* (Sage), *Journal of Global Faultlines* (Pluto) and *Journal of Land Ports and Border Economy* (Sage).

Basu, Soumita served as a reviewer for Bristol University Press, Centre for Social Research (CSR India), *International Feminist Journal of Politics*, *Global Studies Quarterly*, *International Studies Quarterly* and *Women's Studies International Forum*.

Basu, Soumita continued to serve as a Senior Editor of the *Oxford Research Encyclopedia of International Studies* (ISA and OUP), and on the Editorial Boards of *International Feminist Journal of Politics* (Taylor & Francis), *Journal of Global Security Studies* (Oxford University Press), and *Review of International Studies* (Cambridge University Press).

Basu, Soumita served as an examiner for a PhD thesis submitted to the School of International Studies, Jawaharlal Nehru University, Delhi.

Bisht, Medha served as reviewer for *Routledge, Sage, Journal of the Indian Ocean Region, and Cogent Social Science, Taylor and Francis*

Roy, Nabarun served as reviewer for *International Studies, Journal of Indian Ocean Region* and also reviewed a PhD dissertation submitted to the Centre for International Politics, Organisation and Disarmament (CIPOD), School of International Studies (SIS), JNU

Singh, Shweta served as reviewer for *Journal of Critical Southern Studies, Journal of Borderland Studies, and Feminist Journal of International Politics.*

Vivekanandan, Jayashree served as reviewer for *Conservation and Society, Journal of Borderlands Studies, Journal of the Indian Ocean Region and Palgrave Macmillan.*

Appointments to Memberships of National / International Bodies

Bisht, Medha, was appointed as a Member of Koshi DRR Knowledge Hub, ICIMOD (2022-present)

Bisht, Medha, was appointed as a Member of Indo-Pacific Circle, Council of Strategic and Defence Research and Centre for Policy Research (2022- present)

Chaturvedi, Sanjay invited to serve as Member, International Research Committee, Regional Centre for Strategic Studies, Colombo, Sri Lanka (December 2022-December 2024)

Singh, Shweta was invited to be program(co-chair) for International Studies Association Conference 2024

PUBLICATIONS

Edited Volume

Singh, Shweta (Guest editor) (2022) for the special issue, 'Re-thinking Violence, Everyday and (In)Security: Feminist/Intersectional Interventions', *Journal Of Human Security*, 18(2), 1-5. doi:10.12924/johs2022.18020001 (co-edited

with Ingrid Nyoborg, and Gunhild Hoogensen Gjorv)

Tripathi, Dhananjay & Chaturvedi, Sanjay (2022), *South Asia: Boundaries, Borders and Beyond*, London & New York: Routledge Publication: ISBN: 9781032113562

Article / Chapter in Book

Basu, Soumita 'Gendered Dimensions of the United Nations Security Council: Some Notes in View of India's Eighth Term (2021-22)' in Nutan Kapoor Mahawar and Ankita Dutta (eds.), *Women and Power: Gender within International Relations and Diplomacy*, New Delhi: Macmillan Education and Indian Council of World Affairs, 2022, pp. 82-96, ISBN 978-9354550720.

Bisht, Medha, 'Thinking Through Networks: Towards a Feminist Water Diplomacy' in Sehring, J., ter Horst, R., & Zwarteven, M. (eds.). *Gender Dynamics in Transboundary Water Governance: Feminist Perspectives on Water Conflict and Cooperation* (1st ed.). Routledge, 2022, pp. 73-88, ISBN 978-1-032-05730-9

Bisht, Medha, 'India-Bhutan Relations: Present Trajectories and Future Possibilities, in Shalini Chawla (ed.), *India's Neighbourhood: Challenges and Opportunities*, New Delhi: CAPS and KW Publishers, 2022, ISBN 9789394915213

Chaturvedi, Sanjay, 'Adaptation Governance' in Rajib Shaw (ed.), *Handbook on Climate Change and Disasters*, Cheltenham: Edward Elgar, 2022, pp. 183-198.

Article / Chapter in Journal

Bisht, Medha, "India and Pakistan Can Future Proof Their Threatened Rivers", *Down to Earth*, September 23, 2022.

Chaturvedi, Sanjay, "Maritime Regionalism and 'Inclusive Development': Opportunities and Challenges before Bangladesh in Anthropocene", *Journal of International Relations* (University of Dhaka), Special Issue on Bangladesh and the World: Achievements and Futures, 15 (1 & 2): 159-184.

Singh, Shweta, (2022), *Authoritarian Populism, Illiberal Democracy and the Making of an Economic Crisis; The case of Sri Lanka*, *Economic and Political Weekly*, Vol 57, Issue no 26-27, 25 June, 2022

Singh, Shweta, (2022), 'Between Empire(s), Great Powers, and Moral Calculus; Seeking India's Global Normative Power', *Economic and Political Weekly*, Vol 57, Issue 12, 19 March 2022

Keynote Addresses & Invited Talks

Basu, Soumita, 'Feminist South Asia: An Exploration of International Dimensions', organised by the Political Science Association, Lady Shri Ram College for Women, 8 February 2022 (online).

Basu, Soumita, 'The Roads Not Taken: WPS in Afghanistan' at the Women, Peace and Security Workshop organised by the Gender Institute, Royal Holloway University, 27 April 2022 (online).

Basu, Soumita, 'Women, Peace and Security Agenda,' at 'The Disarmament Toolkit,' organised by the United Nations Regional Centre for Peace and Disarmament in Asia and the Pacific and Prajnya, 4 July 2022 (online).

Bisht, Medha, 'Saving Shared Rivers of the Region,' Asian Confluence, Kolkata, November 21, 2022.

Bisht, Medha, 'Engaging Water: Towards a Framework for Localising Water,' IHE, Delft, Netherlands, November 4, 2022.

Bisht, Medha, 'Feminist Foreign Policy,' Hague Humanity Hub, The Hague, The Netherlands, November 5, 2022.

Bisht, Medha, 'India's Development Partnerships: A Case of India-Bhutan Energy Transition,' *Indian Council for World Affairs*, 15-16 June, 2022 New Delhi.

Chaturvedi, Sanjay, Keynote: National Seminar on 'Borders and Boundaries in North East India,' organized by Indian Council of Social Science Research-North Eastern Regional Centre, NEHU, Shillong, 1 December 2022.

Singh, Shweta, invited to speak on 'Realpolitik versus Normative Options for India's Foreign Policy' at the roundtable titled, 'Engendering International Relations: An Australia-India Dialogue on April 20, 2022, jointly organised by Australia India Institute, Centre for Policy Research and WISCOMP

Singh, Shweta resource person, for the module, 'Gender, and Public Policy,' The SPG Certificate Course in Public Policy, (Virtual), 27th August 2022.

Singh, Shweta was invited to deliver for the *distinguished lecture series*, and her lecture was titled, 'Does Gender make the world go round? Feminist Interventions on War and Peace in South Asia,' Organised by UNESCO Chair for the promotion of Peace and Non Violence, in collaboration with Department of Geopolitics and International Relations and Gandhian Centre for Philosophical Arts and Sciences by Manipal Academy of Higher Education (Virtual Mode), on March 1, 2022

Singh, Shweta discussant at the publication ceremony of 'Women and Work in South Asia: Rights and Innovations,' a volume edited by Amena Mohsin, ASM Ali Ashraf, Niloy, Ranjan Biswas and Mohammad Atique Rahman, and published by The University Press Limited, Dhaka (Virtual mode), June 15, 2022

Singh, Shweta, moderated the panel titled, 'Cultural and Social Contestations: Perspectives from India,' at the conference titled, *Remapping the Feminist Global: A Multi-vocal, Multi-located Conversation* South Korea, jointly organised by International Feminist Journal of Politics and Asian Centre for Women's studies, on July 22, 2022

Singh, Shweta, moderated the panel titled, 'Global-Local Tensions: Locating Feminist Activism, Agency and Analysis,' at the conference titled, *Remapping the Feminist Global: A Multi-vocal, Multi-located Conversation* South Korea, jointly organised by International Feminist Journal of Politics and Asian Centre for Women's studies, on July 21, 2022

Tripathi, Dhananjay, delivered a special lecture on South Asia and Sri Lankan economic crisis, as a Resource Person in Two-week Refresher Course in Humanities organised by HRDC, Guru Nanak Dev University, 20th July 2022, (Online).

Tripathi, Dhananjay, delivered guest lectures on – 'Regional Cooperation Initiative in Indian Ocean Region,' and 'India- Maldives Relations' for Civil Servant of Maldives, at National Centre for Good Governance (NCGG), Indira Bhawan Campus, LBSNNA, Mussoorie, India, 28th February & 1st March, 2022.

Tripathi, Dhananjay, delivered Special Lecture on Academic Writing in a Workshop organised by, Council of Social Development, Hyderabad, 31st January 2022.

Vivekanandan, Jayashree, "To frame is to exclude': Situating memory politics within IR,' 'Refresher Course in International Studies' organised by UGC Human Resource Centre, Jamia Millia Islamia, 13 September 2022 (online).

Vivekanandan, Jayashree, 'The contribution of the Mughal Empire to global IR,' organised by Jindal Global University, Sonapat, 17 October 2022.

Papers Presented and Lectures Delivered

Basu, Soumita, 'WPS Agenda & The Global South,' at Online Course on Gender and Militarism, organised by Amplifying Leadership of Local Youth Project Fellows, 25 February, 2022 (online)

Basu, Soumita, '1325: The Women, Peace and Security Agenda', as part of Peace and Gender: *A Lunchtime Lecture Series*, organised by Sansriti and Prajnya, online, 22 February and 20 September 2022, online.

Basu, Soumita, was a panelist in a webinar on 'Perspectives on Gender Mainstreaming in Foreign Policy from the Indo-Pacific', organised by the Kubernein Initiative, 9DASHLINE and La Trobe University, 13 July 2022, online.

Basu, Soumita, 'Transformative Foreign Policy: India and the UN Security Council', as part of the Online Certificate Training Programme on Emerging Dimensions of India's Foreign Policy and Global Politics, organised by IMPRI, 14 July 2022, online.

Basu, Soumita, and Stuti Bhanagar, 'Feminist and/or India: Possibilities of "A Gender-sensitive" Indian Foreign Policy', at the conference on 'Remapping the Feminist Global: A Multi-vocal, Multilocated Conversation' organised by IFJP and the Asian Center for Women's Studies, Ewha Womans University, 21 July 2022 (online).

Basu, Soumita, 'A WPS National Action Plan for India', at the conference on 'Remapping the Feminist Global: A Multi-vocal, Multilocated Conversation' organised by IFJP and the Asian Center for Women's Studies, Ewha Womans University, 23 July 2022 (online).

Basu, Soumita, 'Gender and International Politics' at Online Certificate Course on the *Theoretical Aspects of International Politics* organised by Centre for Research in Social Sciences and Education, Jain (Deemed) University, 22 August 2022 (online).

Basu, Soumita, 'Feminist Perspectives on International Governance: A Case Study of WPS', as part of the Refresher Course in International Studies (Interdisciplinary) organised by the UGC-Human Resource Development Centre, Jamia Milia Islamia, 9 September 2022, online.

Basu, Soumita, 'WPS and Feminist South Asia', at a seminar on Women, Peace and Security organised by Academi Heddwch, Welsh Centre for International Affairs, 29 September 2022 (online).

Basu, Soumita, 'Corporate Actors in International Security: Implications for Feminist Foreign Policies' at the workshop on 'Women, Peace and (Private) Security: Accounting for Corporate Actors in the Women Peace and Security Agenda', organised by the Women, Peace and (Private) Security Network, 28 October 2022 (online).

Bisht, Medha, 'Negotiations and Governance', as part of the Online Certificate Course on Public Policy, organised by School for Policy and Governance, Bengaluru, Karnataka,

July 16-17, 2022, online.

Bisht, Medha, 'Beyond Decolonising Knowledge and Western/ Non-Western IR, WISC, ISA, July 1, 2022, Buenos Aires, Argentina (online).

Bisht, Medha, 'Water Diplomacy and Governance: Philosophical Perspectives and Political Implications', Oxford University, September 10, 2022 (online)

Bisht, Medha, 'A Case of Plural Modernity: Revisiting the 'Political' in Bhutan', Centre for Bhutan Studies, October 1, 2022

Bisht, Medha, 'Water Diplomacy in South Asia', Sushma Swaraj Foreign Services Institute, New Delhi, May 25, 2022.

Bisht, Medha, 'Water Diplomacy', Sushma Swaraj Foreign Services Institute, New Delhi, April 22, 2022.

Bisht, Medha, 'India-Bangladesh Relations', Sushma Swaraj Foreign Services Institute, New Delhi, February 25, 2022.

Bisht, Medha, 'Kautilya's Arthashastra', Tribhuwan University, Kathmandu, Nepal, January 20, 2022 (online)

Chaturvedi, Sanjay, Resource Person Presentation, 'Thucydides Traps and Ontological Insecurities in the Indo-Pacific: The Indian Challenge', International Conference on 'Emerging Indo-Pacific Constructions: Prospects and Challenges', organised by International Centre for Indo-Pacific Studies, Kurukshetra University, 2-3 September 2022.

Chaturvedi, Sanjay, Invited Speaker, 'Addressing Anthropocene Insecurities in the Indo-Pacific Region: Towards a Resilient Bay of Bengal', Workshop on 'Beyond the Geopolitics of the QUAD: A Discussion of Cooperative Action' (NESA Maritime Series), organised by the Near East South Asia Centre, for Strategic Studies, Bangkok, Thailand 4-6 May 2022.

Chaturvedi, Sanjay, Resource Person, 'India in Indo-Pacific Geopolitics: Drivers, Dynamics and Dilemmas', for Immersive Online Certificate Course on 'Emerging Dimensions of India's Foreign Policy and Global Politics', organized by Centre for International Relations and Strategic Studies (CIRSS) and Impact on Policy Research Institute (IMPRI), 14 July 2022.

Chaturvedi, Sanjay, Invited Speaker, International Conference on 'Who Owns Antarctica: The Geopolitics of the Seventh Continent', jointly organized by Graduate Institute, Geneva; Global Governance Centre, Centre for International Environmental Studies, presented the paper: Can We Decolonize Antarctica? 5 April 2022.

Roy, Nabarun, "Realism in World Politics" at 36 Hours Online Certificate Course on the *Theoretical Aspects of International Politics* organised by Centre for Research in Social Sciences and Education, Jain (Deemed) University, 22 August 2022 (online)

Singh, Shweta, spoke on 'Geopolitics and Nationalism', at the roundtable Feminist Responses to a New Age of Geopolitics, at the conference titled, *Remapping the Feminist Global: A Multi-vocal, Multi-located Conversation* South Korea, jointly organised by International Feminist Journal of Politics and Asian Centre for Women's studies, on July 22, 2022

Singh, Shweta, panelist for the book launch of 'Feminist Solutions for Ending War', at the conference titled, *Remapping the Feminist Global: A Multi-vocal, Multi-located Conversation* South Korea, jointly organised by International Feminist Journal of Politics and Asian Centre for Women's studies, on July 22, 2022

Singh, Shweta, (with Monika Barthwal-Datta), presented the paper titled, 'Gendered Enemy and the Populist Radical Right: Analysing the Securitization of Rohingya Refugees in India'(Virtual mode), at the conference titled, *Remapping the Feminist Global: A Multi-vocal, Multi-located Conversation* South Korea, jointly organised by International Feminist Journal of Politics and Asian Centre for Women's studies, on July 21, 2022

Singh, Shweta, and Monika Barthwal-Datta, presented the paper titled, "Gendered Enemy and the Populist Radical Right: Analysing the Securitization of Rohingya Refugees in India" at the workshop titled, "*The Effects of Global Populism*" (Virtual mode) on November 22, 2022

Tripathi, Dhananjay, Participated in Round Table Conference on, "Russia – Ukraine War and Its Geopolitical Implications" Organised by Amity Institutes of Social Sciences, Amity University, Noida on 5th March 2022

Tripathi, Dhananjay, Participated in Panel Discussion on, "The Russian Roulette: Ukraine Crisis and the World Order", organised by MIT- School of Government, Pune, on 3rd March 2022.

Tripathi, Dhananjay, Participated in Round Table at ISA 2022 Conference – 'Patterns in Nascent, Ascendant and Mature Border Security: Regional Comparisons in Transgovernmental Coordination, Cooperation and Collaboration' on 28th March 2022, (online)

Tripathi, Dhananjay, Discussant in the ICWA's Sapru House Paper titled 'Why Visegrad 4? – Prospects of India-V4 Cooperation', organised on August 22, 2022 (Online)

Tripathi, Dhananjay, Participated in the Panel discussion

on Indo-Nepal Relations Amidst Latest US Activism in South Asia, Organised by Mysore Global Forum and BRICS Research Institute, New Delhi, 7th September, 2022

Tripathi, Dhananjay, Participated in the two day national workshop on 'Social Sciences & Humanities: Deliberations & Academic Writing in Hindi' Presented a paper on, 'भार और यूरोपियन यूनियन सम्बन्ध: एक आलोचनात्मक मूल्यांकन', organised by NIEPA and BHU, Varanasi, 12-13th December 2022

Any Other Academic Achievements

Basu, Soumita, was invited to attend the third meeting of the Council for Security Cooperation in the Asia Pacific (CSCAP) Study Group on Women, Peace and Security, on behalf of CSCAP India Committee, Online, June 23-24, 2022.

Basu, Soumita, served on the Award Committee for 'Best Article Award' given by the *Journal of Global Security Studies*, 2022.

Bisht, Medha, invited for a Track Two Dialogue on Climate Change between India and Pakistan, Bangkok, Thailand, October 4-5, 22.

Chaturvedi, Sanjay, served on the Indian Delegation to 44th ATCM, Berlin, Germany, 23 May- 2 June 2022.

Chaturvedi, Sanjay, invited to serve on the Indian Delegation for Track II Dialogue between Indian Council of World Affairs and New Zealand India Research Institute & Asia New Zealand Foundation, New Delhi, India, 27 April 2022.

Book Review

Chaturvedi, Sanjay, Chaturvedi, (2022) The future of Antarctica: scenarios from classical geopolitics, *The Polar Journal*, 12:2, 38-386, DOI: 10.1080/2154896X.2022.2133383

Tripathi, Dhananjay - Yogendra Kumar, (2021), *Geopolitics in Era of Globalisation Mapping an Alternative Future*, Published in Journal of Indian Ocean Region, (2022), DOI: 10.1080/19480881.2022.2103881

Blog Post

Singh, Shweta, *India's Afghanistan Policy Needs to Look Beyond the Great Game to be Effective*, Blog: LSE South Asia Centre.

Available at: <https://blogs.lse.ac.uk/southasia/2022/03/22/indias-afghanistan-policy-needs-to-look-beyond->

the-great-game-to-be-effective/, March 22, 2022.

Chaturvedi, Sanjay, Opinion: There's no such thing as climate refugee, *Telangana Times*, 1 July 2022, Available at: <https://telanganatoday.com/opinion-theres-no-such-thing-as-climate-refugee>

Interview

Masculinity and Feminity in International Relations, Interview, Geostrata, Available at: *Masculinity & Feminity in International Relations | Dr. Shweta Singh | The Geo Interview*

Visit of Scholars to the Department / Faculty / Special Lecture

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation
1	Jan 27, 2022	<i>Different forms of government in Bhutan, from the 13th century AD till introduction of "democracy" in 2008</i>	Dr. C.T. Dorji, Retired Civil Servant, Bhutan and Former Visiting Lecturer, Royal Institute of Management, Thimpu, Bhutan
2	Feb 3, 2022	<i>Book Discussion on "Re-imagining Border Studies in South Asia"</i>	Prof. Nimmi Kurian, Centre for Policy Research Dr. Constantino Xavier, Centre for Social and Economic Progress
3	Feb 24, 2022	<i>China's Global Strategy: Drivers and Implications</i>	Prof. Alka Acharya, Professor, Centre for East Asian Studies, School of International Studies JNU
4	March 3, 2022	<i>Security Dilemma: Afghanistan and Its Region</i>	Dr. Nilofar Sakhi, Professorial Lecturer in International Affairs, Elliott School of International Affairs, George Washington University
5	March 31, 2022	<i>Russia-Ukraine War: Reasons and Implications</i>	Dr. Dhananjay Tripathi, Associate Professor, Department of IR, FSS
6	May 6, 2022	<i>Are International Organizations Promoters or Detractors of Peaceful Change?</i>	Prof. T.V. Paul, James McGill Professor of International Relations, Dept. of Political Science, McGill University, Montreal, Canada
7	Aug 25, 2022	<i>India's Neighbourhood Policy: From Nehru To Narendra Modi</i>	Prof. S.D. Muni, Professor Emeritus, School of International Studies, Jawaharlal Nehru University
8	Oct 20, 2022	<i>NATO and European World After Ukraine</i>	Dr. Niklas Swanstrom, Director, Institute for Security and Development Policy and Dr. Jagannath Panda, Head Stockholm Centre for South Asian and Indo-Pacific Affairs (SCSA-IPA)

The Department of International Relations, in collaboration with the Indian Council of World Affairs (ICWA), organized an international conference on The New Afghanistan: Challenges and Probable International

Responses on 9th and 10th September, 2022. The keynote address was delivered by Prof. C. Raja Mohan and the valedictory address was given by Ambassador TCA Raghavan.

Students' Achievements

Haldar, Sayantan, 'Mapping Indo-French synergy in the Indian Ocean Region: towards a calibrated Indo-Pacific' in *Journal of the Indian Ocean Region*, 18(1), link: <https://doi.org/10.1080/19480881.2022.2054507>

Haldar, Sayantan, 'The Indian Ocean as a new political and security region [Book Review]', *International Affairs*, 98(3), link: <https://doi.org/10.1093/ia/iiac070>

Haldar, Sayantan, 'India and France in the Indian Ocean: The making of a new strategic partnership', *Observer Research Foundation*, link: <https://www.orfonline.org/expert-speak/india-and-france-in-the-indian-ocean/>

Haldar, Sayantan, 'Can India's Ports Anchor its Indo-Pacific Outlook', *Institute for Security and Development Policy*, link: <https://www.isdp.eu/can-indias-ports-anchor-its-indo-pacific-outlook/>

Krishnan, Sridhar, 2022, 'Can the Screen Speak?: Museum of Material Memory and the Politics of Display', *South Asian Survey* 29 (2), pp. 196 – 212.

Krishnan, Sridhar, 'Of Histories (Un)Shared: India, Pakistan, and 1857' at the Annual Conference of British International Studies Association (BISA), held at Newcastle-upon-Tyne, UK on 17 June 2022.

Krishnan, Sridhar, Awarded Charles Wallace India Trust Short Term Research Grant for fieldwork in the United Kingdom.

Sharmin, Farjana, "Bangladesh in the Outer-Space : Space Diplomacy, Techno-nationalism, and Economic Strength", *Journal of Bangladesh and Global Affairs*, May 1, 2022

Saha, Anup K., 2022. Water Security in Bangladesh: A Case of China-Bangladesh Teesta Project, Conference on HPRC 2nd Graduate Student Research Panel, Himalayan Policy Research Consortium, Nepal Study Center, University of New Mexico, New Mexico, USA. July 24, 2022.

Saha, Anup K. (2022, September 24). An Alternative Challenge to the *South Asian Riverine Community - Nepal Institute for International Cooperation and Engagement (NIICE) NEPAL*. NIICE NEPAL. Retrieved October 4, 2022, from <https://niice.org.np/archives/8285>

Saha, Anup K., Awarded for completing the 10-week Course "International Conflict Analysis and Peace Building", Teaching Agency for Conflict Analysis and Peace Building 16 Oct - 26 Dec, 2022

Saha, Anup K., Awarded a Rapporteur Grant by ICIMOD, Nepal on Koshi Disaster Risk Reduction Knowledge Hub annual dialogue, 15 - 18 December, 2022.

Saha, Anup K., Delegate Award for Indo-Pacific Regional Dialogue (IPRD-2022) by National Maritime Foundation (NMF) 23 - 25 November, 2022

Research Degrees Awarded

Syed Murtaza was awarded Doctor of Philosophy, for his thesis titled "*Political Islam and the Notions of State, War, and Inter-State Relations: An Analysis through the Writings of Maulana Maududi, Tahir ul Qadri, Javed Ahmad Ghamidi, and Murtadha Muttahari*". The thesis was completed under the guidance of Dr. Dhananjay Tripathi.

Md. Shariful Islam was awarded Doctor of Philosophy for his PhD thesis titled "*Blue Economy Diplomacy for Bangladesh: Contexts, Opportunities and Challenges*". The thesis was completed under the guidance of Prof. Sanjay Chaturvedi.

Anil Kumar was awarded Doctor of Philosophy for his PhD thesis titled "*Theorizing Challenges and Opportunities in Cooperation: An Examination of Trust in South Asia*". The thesis was completed under the guidance of Dr. Soumita Basu.

Ankur Sharma was awarded Doctor of Philosophy for his PhD thesis titled "*Border Towns in South Asia: Interactions and Trajectories*". The thesis was completed under the guidance of Dr. Dhananjay Tripathi.

Johny Arokiaraj P was awarded Doctor of Philosophy for his PhD thesis titled "*Populism and the Liberal International Order*". The thesis was completed under the guidance of Dr. Soumita Basu.

Mohammad Alam was awarded an M.Phil degree for this thesis titled "*Taliban and the Peace Agreement: Assessing the Discourse in the Afghan Media (2017-2020)*". The thesis was completed under the guidance of Dr. Dhananjay Tripathi.

Manish Jung Pulami was awarded an M.Phil degree for his thesis titled "*Shift of Nepal's Identity Discourse from 'Buffer' to 'Bridge': Geopsychology as a Small State*". The thesis was completed under the guidance of Dr. Dhananjay Tripathi.

Department of Sociology

The Department of Sociology entered the year 2022 with a sense of hope and pragmatism. The year began in continuation of the Covid-19 Pandemic, but this time with faculty, staff & students somewhat more comfortable with demands, limitations and opportunities of online work.

We successfully taught students at the MA & phd level, while waiting for the opening up of the university for hybrid teaching. Soon students were permitted to come to campus for in person classes in limited numbers for the winter semester. Nevertheless, the graduating class of 2022 is the first and hopefully the last class to be taught most online.

By Monsoon semester 2022 the university opened up for current and new students for in person classes. The monsoon semester of 2022 is an important one as it was the last semester spent at Akbar Bhavan campus of the university. We are glad that we could observe regular academic work before leaving the building in December 2022. While the department of Sociology is one department in the university, over the past decade the contribution of faculty & students to campus has been extremely significant, making us one of the most vibrant programmes in the university and lending Akbar Bhavan a sense of life. We have also hosted many seminars with a combination of in person and online events, through the seminar series and rickshaw connecting with scholars around the world.

Our faculty continues to publish in reputed avenues as well as participating in the full range of multimodal work in research & dissemination. In terms of publications, the department of Sociology is one of the most prolific in the region, contributing much significantly. Our faculty engages with other academics and a larger engaged public in a range of media. Our faculty has also continued to conduct primary research despite the difficulties we continue to face.

We look forward to working at Maidangarhi and growing into our own space, getting bigger and better.

Students Admitted and Country-wise Break-up

Name of Programme: M.A. Sociology (Sem2)

Batch: 2022-24

Afghanistan	01	Maldives	0
Bangladesh	04	Nepal	0
Bhutan	02	Pakistan	0
India	15	Sri Lanka	02
Total	24		

Name of Programme: M.A. Sociology (Sem4)

Batch: 2021-23

Afghanistan	0	Maldives	0
Bangladesh	07	Nepal	0
Bhutan	01	Pakistan	0
India	09	Sri Lanka	01
Other	18		

Name of Programme: PhD Sociology

Batch: 2021

Afghanistan	0	Maldives	0
Bangladesh	02	Nepal	01
Bhutan	0	Pakistan	0
India	03	Sri Lanka	0
Other	-		

Name of Programme: PhD Sem(2)

Batch: 2022

Afghanistan	0	Maldives	0
Bangladesh	02	Nepal	01
Bhutan	0	Pakistan	0
India	03	Sri Lanka	0
Total	06		

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

Photo	Name	PhD Affiliation & Year	Designation	Areas of Specialisation/Interest
	Ankur Datta	London School of Economics, London, UK, 2011	Assistant Professor (SG)	Kashmir Studies, History and Memory, Forces Migration, Violence and Conflict, Social Anthropology and Ethnography
	Chudamani Basnet	University of Georgia, Athens, USA, 2010	Assistant Professor	Politics, Economy, Religion, History
	Dev Nath Pathak	Jawaharlal Nehru University, New Delhi, India, 2011	Assistant Professor (SG)	Folklore & Performance, Popular Culture & Media (Cinema, Music & Theatre), Theoretical & Methodological issues in Social Sciences; Epistemology and Philosophy in Social Science, Education (Schooling & Teaching), Youth and resistance
	Diya Mehra	University of Texas at Austin, USA, 2011	Assistant Professor	Urban Anthropology, Anthropology and History, Politics, Governance and Development, The Anthropology of Everyday Life
	Irfanullah Farooqi	Jawaharlal Nehru University, New Delhi, India, 2014	Assistant Professor	Sociology of Literature, Islam and Muslims in South Asia, Education, Media and Society, Identity and Politics.
	Ishita Dey	University of Delhi, Delhi, India, 2016	Assistant Professor	Economic Anthropology, Food Studies, Forced Migration, Labour Studies, Gender & Society, Science & Technology in South Asia
	Mallika Shakya	London School of Economics and Political Science, London, UK, 2008	Assistant Professor (SG)	Anthropology of work – labour, trader groups and industrial clusters, Ethnicity and social movements, Borderlands, Poetic imaginations of nation and region, Global South and Africa
	Ravi Kumar	Jawaharlal Nehru University, New Delhi, India, 2007	Associate Professor (SG)	Political Economy of Identity Politics, Social Theory, Politics of Knowledge Production, Social Movements
	Sasanka Perera	University of California Santa Barbara, USA, 1991	Professor	Politics of civil society organizations in governance and democratization, issues and problems of urbanization, Dynamics and education and socialization in eradicating or promoting sectarian conflicts, Political violence

Grants and Fellowships Conferred on Members of the Faculty

Mehra, Diya, Subaltern Urbanization in Touristic Southern and Eastern Asian Mountains, ANR-France, 2022-2022, INR 420,000 & Ancient India and Iran Trust Bursary, Cambridge, 2022, 500 Pound Sterling

Editorial / Reviewing and Referring Appointments

Dey, Ishita, *Verge: Studies in Global Asias* (University for Minnesota Press), *Food and Foodways* (Taylor and Francis)

Kumar, Ravi, Co-editor of series, *Social Movements and Transformative Dissent*, Routledge, New Delhi, 2015 to date

Kumar, Ravi, Member, Editorial Board, *Journal of Critical Education Policy Studies*

Kumar, Ravi, Member, Editorial Board, *SoJo Journal: Educational Foundations and Social Justice*, Information Age Publishing: Charlotte, North Carolina

Kumar, Ravi, Member, Editorial Board, *Philosophy and Theory in Higher Education*, Peter Lang, New York

Kumar, Ravi, Member, Editorial Collective, *Critical Education*

Kumar, Ravi, Member, Advisory Board, *Workplace: A Journal for Academic Labour*

Kumar, Ravi, Member, Editorial Board of Book Series titled *Bloomsbury Critical Education*, Bloomsbury, London

Kumar, Ravi, Member, Editorial Board of Book Series titled *Marxist, Socialist, and Communist Studies in Education*, Information Age Publishing, Charlotte, North Carolina

Member, Editorial Advisory Board, *Rethinking Critical Education*

Mehra, Diya, Economic and Political Weekly, The Communication Review, Society and Culture in South Asia

Appointments to Memberships of National / International Bodies

Diya Mehra, Fulbright Fellowships.

Kumar, Ravi, Life-Member, Indian Sociological Society

Dey, Ishita, Society and Culture in South Asia (Sage)

PUBLICATIONS

Chapters

Basnet, Chudamani, 'Debating Civil Society: Nagarik Samaj and Nagarik Discourse in Nepal's People's Movement II' in *Reading Nepali Transition* (2006-2015), Kathmandu: Martin Chautari, pp 37-64, 2022, ISBN: 978-9937-594-30-1

Datta, Ankur, 'Remembering Home, Imagining the Future: Changing Meanings of Home Among Kashmiri Pandits' In Bhan, Mona, Haley Duschinski & Deepti Misri (ed.) *Routledge Handbook of Critical Kashmir Studies*, New York, Routledge, pp 268-277, ISBN 9780367353438

Datta, Ankur, 'The Life of Labels: Refugees, Displaced Persons and Migrants.' (2022) In Rajan, S. Irudaya (ed.) *The Routledge Handbook of Refugees in India*, New York: Routledge, pp 265-272, ISBN 9781032374567

[**Kumar, Ravi** co-authored] 'Grounding the Conversations: The 2019 General Elections and the Future of Indian Democracy', in *The New Republic: Populism, Power and the Trajectories of Indian Democracy*, Aakar Books: New Delhi, pp. 9-24 (ISBN: 978-93-5002-778-3)

[**Kumar, Ravi**, co-authored] 'The New Republic: Populism, Power and the Trajectories of Indian Democracy' in *The New Republic: Populism, Power and the Trajectories of Indian Democracy*, Aakar Books: New Delhi, pp.176-188 (ISBN: 978-93-5002-778-3)

[**Kumar, Ravi**, co-authored] 'State and Private Capital: Education, State and Capital' in Maisuria, Alpesh (ed.) *Encyclopedia of Marxism and Education*, Brill: Leiden, pp.644-660 (ISBN: 978-90-04-50560-5)

Mehta, Shray and **Kumar, Ravi** (ed.) *The New Republic Populism, Power and the Trajectories of Indian Democracy*, Delhi: Aakar Books, ISBN: 978-93-5002-778-3

Kumar, Ravi (ed.) *Contemporary Readings of Marxism A Critical Introduction*, Routledge: London, ISBN: 9781032364551 (This reprint is global edition of an earlier edition)

Perera, Sasanka and Gamage, Indu (ed., and trans.,). *Thutin Piri Giya Ek Mohothak: Jalal Al di Muhhamed Rumige Thoragath Kavi*. Colombo: Tambapanni Academic Publishers. ISBN 978-6245529063.

Perera, Sasanka and **Pathak, Dev Nath** (ed.) *Humour and the Performance of Power in South Asia: Anxiety, Laughter and Politics in Unstable Times*. London and New Delhi: Routledge. ISBN 9780367564018

Journals

Basnet, Chudamani, 'Citizens' Movement for Democracy and Peace: Mass Mobilisation in Nepal's People's Movement II' in *South Asia Research* Vol 42, No 2, 2022, pp 249-65, ISSN: 0262-7280

Basnet, Chudamani, 2022, 'REFLEXIVITY AND FIELD RESEARCH EXPERIENCE DURING NEPAL'S POLITICAL TRANSITION' in *Studies in Nepali History & Society* Vol 27, No.(1), 2022, pp 131-50 ISSN:1025-5109

Dey, Ishita, 2022. "Who Owns Bogurar Doi? An Ethnography of Placemaking and Craftsmanship in Bangladesh", *Gastronomica* 22 (3): 35-45. <https://doi.org/10.1525/gfc.2022.22.3.35>

Keynote Addresses & Invited Talks

Basnet, Chudamani, 'Editors Meet Prospective Authors for Samaj Adhyayan' at Weekly Discussion Series (Panel Discussion), organized by Martin Chautari, Kathmandu, 26 July 2022

Dey, Ishita, 'Intimate Sense Labor': Smell, Intimacy and Domestic Work (online) hosted by The Institute for Art and Olfaction, Los Angeles, as part of the series Scent and Society Lectures, 21 February 2022.

Dey, Ishita, "Researching "journeys". Challenges and Possibilities in Migration Studies" as part of the Seminar Series on Forced Migration hosted by IWM Vienna and MCRG, Kolkata 14 December 2022. Details link- <https://www.youtube.com/watch?v=3oCa3RauJ2Q&t=2051s>

Datta, Ankur, 'day 67 of 75 days of Partition: The Resonance of Partition Narratives in modern South Asia ', 1947 Partition Archive, August 8, 2022, <https://www.youtube.com/watch?v=mTmKioEuzdE&t=10s>

Datta, Ankur, 'The unknown targets in Kashmir', Second Speaker on the Times of India Podcast, June 9, 2022, <https://timesofindia.indiatimes.com/podcasts/the-times-of-india-podcast/the-unknown-target/videoshow/92090830.cms?from=mdr>

Mehra, Diya, Researching the Urban.' Invited lecture for a workshop on 'Doing Sociological Research: An Interdisciplinary Perspective,' organized by the Department of Sociology, Central University of Haryana, Jaat, Haryana, March 10, 2022.

Kumar, Ravi, Delivered talk on "The Beginning": Kothari Commission', organized by the Department

of Elementary Education, Gargi College, University of Delhi, November 23, 2022

Kumar, Ravi, Presented paper on 'Democracy, Social Movements and Pedagogy' at the conference organized by the UNESCO Chair in Democracy, Global Citizenship and Transformative Education, Valparaiso (Chile) session on Democracy and Social Movements, October 26, 2022

Kumar, Ravi, Presented on 'Understanding Marxism as an Approach to Social Analysis' at Workshop on Socio-Legal Research organized by Hamdard Institute of Legal Studies and Research, Jamia Hamdard, New Delhi, October 17, 2022

Kumar, Ravi, Delivered talk on 'Indian Higher Education at 75 Years: Challenges and Prospects' at a panel titled 'Indian Higher Education at 75 Years: Challenges and Prospects' organised by the University School of Education, Guru Gobind Sing Indraprastha University, New Delhi, July 15, 2022

Papers Presented and Lectures Delivered

Dey, Ishita, "Trust" Networks, Platform Capitalism and India's Digital Economy as part of International Conference "Digitized Migrants. Europe Asia Research Platform on Forced Migration" hosted by IWM Vienna, MCRG, and MireKoc University, at Koc University, Istanbul, 15-16 September 2022.

Dey, Ishita, "Sensory Archive : Documenting Smells of Delhi" in a Two-day Conference on "Archives and Production of New Forms of Knowledge" Organised by Institute of Development Studies Kolkata. Supported by ICSSR-ERC, 10-11 August, 2022

Dey, Ishita, "Policy Formation in Relation to Refugees and Asylum Seekers" Human Resource Development Center and Department of Sociology, School of Social Sciences and Languages Short Term Course on Transnational Migration & Social Development, Lovely Professional University 27 June -2 July 2022.

Dey, Ishita, Special Lecture on Politics of food, and Politics of Smell at the 7th Faculty Induction Programme (FIP-07) (via googlemeet) at the UGC - Human Resource Development Centre, University of North Bengal from 05 January 2022 - 9 February 2022.

Any Other Academic Achievements

Dey, Ishita, Research featured in podcast episodes hosted by Times of India, Heritage Radio Network

Dey, Ishita, Research featured in podcast episodes hosted by Times of India, Heritage Radio Network

Dey, Ishita, What smells tell us about our cities?

<https://www.youtube.com/watch?v=3oCa3RauJ2Q&t=2051s>

Ishita Dey on Crafting Doi: Placemaking, Ecology, and Labor in Bangladesh

<https://heritageradionetwork.org/episode/ishita-dey-crafting-doi-placemaking-ecology-and-labor-bangladesh>

Visit of Scholars to the Department / Faculty / Special Lecture

Sl. No.	Date	Subject / Topic	Speaker's Name with Affiliation	Convenor / Organiser
1	Jan 12, 2022	<i>Mobs and Megaprojects: The Political Lives of Development in Bangladesh</i>	Dr. Nusrat S. Chowdhury, Associate Professor, Department of Anthropology and Sociology, Amherst College	Dr. Ishita Dey (Seminar Series Convener)
2	Jan 19, 2022	<i>Ghare Baire: Indian Food at Home and Abroad</i>	Prof. Krishnendu Ray Department of Nutrition and Food Studies at New York	Dr. Ishita Dey
3	Feb 2, 2022	<i>The sacred, the profane, the abject, and the loved: Alegropolitics in the Cemetery</i>	Ananya Jahanara Kabir, King's College of London and Ari Gautier, French Novelist from Pondichery	Dr. Ishita Dey
4	Feb 23, 2022	<i>Misreading the Bengal Delta: Climate Change, Development and Livelihoods in Coastal Bangladesh</i>	Dr. Camelia Dewan	Dr. Ishita Dey
5	March 23, 2022	<i>Contesting Agricultural Markets in South Asia (with a Focus on Sri Lanka)</i>	Ahilan Kadirgamar, University of Jaffna	Dr. Ishita Dey
6	April 4, 2022	<i>50 years of Bangladesh: Looking back and looking ahead</i>	Prof. Habibur Khondker, Department of Social Sciences, Zayed University, UAE, Olav Muurlink, School of Business and Law Central Queensland University, Australia, Prof. Bokhtiar Ahmed, Department of Anthropology, Rajshahi University, Mr. Asif Bin Ali, Journalist, North South University, Dhaka	Prof. Perera and Dr. Ishita Dey
7	April 27, 2022	<i>The Cost of Contracting War: Anthropological Perspectives on America's War in Afghanistan</i>	Noah Cobum, Associate Dean for Curriculum and Pedagogy in Bennington College	Dr. Mallika Shakya

8	May 11, 2022	<i>The University and the Classroom: Conformity and Criticality in our Times</i>	Prof. Avijit Pathak, CSSS, JNU, Prof. Simi Malhotra, Jamia Islamia and Dr. Nafis Faizi, AMU	Dr. Irfanullah Farooqui
9	June 13, 2022	<i>Self in the World: Connecting Life's Extremes</i>	Prof. Keith Hart, Eminent Anthropologist, Arjun Appadurai, Max Planck Institute of Social Anthropology, Halle, Yasmeen Arif, Shiv Nadar University, Delhi and Supriya Singh, RMIT, Melbourne	Dr. Mallika Shakya
10	June 1, 2022	<i>The Politics of Pakistan's COVID-19 Response: A State-in-Society Approach</i>	Prof. Ayaz Qureshi, University of Edinburgh	Dr. Mallika Shakya
11	Aug 31, 2022	<i>Once Upon a Time in the Land of Grave Holes: Cheran's Poetry in Sri Lanka</i>	Prof. Anushiya Ramaswamy, South Illinois University Edwardsville	Dr. Mallika Shakya
12	Sept 14, 2022	<i>Psycho-scapes: Fictionalizing Nationalization of the self in Bilal Tanweer's The Scatter Here Is Too Great</i>	Dr. Ifrah Afzsal	Dr. Mallika Shakya
13	Nov 9, 2022	<i>Mapping Morgues: Meeting Disasters and Keeping the Dea</i>	Ravi Nandan Singh, SNIoE, Delhi	Dr. Mallika Shakya
14	Sept 14, 2022	<i>Emotions, Time and the Presence of Ghosts: Kamal Amrohi's Mahal (1949)</i>	Prof. Margrit Pernau, Senior Researcher, Max Plank Institute	Dr. Irfanullah Farooqui





Annexures

Mango – The National Fruit of Pakistan



AUDITOR'S REPORT



Goyal Parul & Co.

Chartered Accountants

H.O.: # 78, J Extension, 3rd Floor,
Near Guru Ramdass Nagar School
Laxmi Nagar, DELHI-110092,
Ph. 011-22451632, Fax: 011- 22057847
E-mail : cappgoyal@gmail.com, goyalgoyal_p@rediffmail.com
B.O.: CA Ramendra Kumar Keshherwani,
C/O Uma Shanker Gupta, LIG-39, (SFS),
Barra -3, Kanpur, 208027, UP.
Ph.: 91- 9891772849, 9149194372
E-mail:: ramendrakeshherwani@gmail.com,
ramendrakeshherwani@outlook.com

INDEPENDENT AUDITORS' REPORT

To,
The president
South Asian university
New Delhi

Report on the Audit of the Financial Statements

Opinion

We have audited the attached Consolidated financial statements of South Asian University ("the University") which comprises the Consolidated Balance Sheet as at December 31, 2021, Consolidated Statement of Income & Expenditure and consolidated statement of receipt and payment for the year ended December 31, 2021., and summary of significant accounting policies and other explanatory information thereon in respect of its consolidated of Operation and Capital expenditure Account in which Capital Expenditure Account were audited by C & AG and not audited by us.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements of the university give a true and fair view subject to the observations reported under the Annexure – 1 attached with the Report.

Basis of Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs). Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section together with notes and summary of significant accounting policies thereon section of our report. We are independent of the entity in accordance with the Code of Ethics that are relevant to audit of our Financial Statement, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion. Proper books of Accounts have been kept so far as appears from our examination of those books and the above-mentioned financial statements together with notes thereon is an agreement therewith subject to the observations reported under the Annexure – 1 attached with the Report.

Responsibilities of Management & Those Charged with Governance for the Financial Statement together with notes and summary of significant accounting policies thereon.

The Management is responsible for the preparation of these financial statement together with notes and summary of significant accounting policies that give true & fair view of financial position & financial performance of the university in accordance with accounting standard issued by institute of chartered accountant of India & for such internal control as management determines is necessary to enable the preparation of financial statement together with notes and summary of significant accounting policies thereon that are free from material misstatement, whether due to fraud or error.

Page 1 of 4

Other Branch Offices:

Lucknow, UP | Noida, UP | Shamli, UP | Dehradun | Gurgaon | Pune | Mumbai | Bangalore | Chandigarh | Bhopal | Guwahati
Indore | Ludhiana | Bhatinda | Nagpur | Jabalpur | Surat | Jamshedpur | Ramgarh, Jharkhand | Bhagalpur | Amravati |
Kolkata | Anarabala | Trinura | Ahmedabad | Jainpur | Kathua (J&K) | Leh | Ladhak | Gwalior | Vani | Guirat |

In preparing the financial statement together with notes & summary of Significant Accounting policies thereon, Management is responsible for assessing the entity's ability to continue as going concern, disclosing, as applicable, matter related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so.

Those Charge with Governance are responsible for overseeing the entity's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements together with notes and summary of significant accounting policies

Our objectives are to obtain reasonable assurance about whether the Consolidated financial Statements together with notes and summary of significant accounting policies as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements together with notes and summary of significant accounting policies.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional scepticism throughout the audit.

We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the University's internal control:
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the entity's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Subject to the observations reported under the Annexure – 1 attached with the Report, we report that:

1. We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
2. in our opinion proper books of accounts as required by law have been kept by the University so far as it appears from our examination of those books;
3. The Financial statement give information required by governing law/rules /regulation in the manner so required and give fair view in conformity with the accounting policies.
 - a) In case of Consolidated Balance Sheet, of the financial position as at 31st December 2021
 - b) In case of Consolidated income & Expenditure account, of income & expenditure incurred during the year ended.
 - c) In case of Consolidated Receipt & Payment Accounts for the year ended on that date.
4. The Balance Sheet, the Statement of Income & Expenditure and the Statement of receipt & Payment dealt with by his report are in the agreement with the books of accounts.
5. The University has, substantially and in all material respects, compiled with governing laws/rules/regulation while carrying its operations.

This Report is intended solely for the information of operating committee members only. This report is not to be used, referred to, or distributed for any other purpose without our prior written consent.

For Goyal Parul & Co.

Chartered Accountants

Firm Reg. No. – 016750N

R. Kumar



CA Ramendra Kumar Kesherwani

(Partner) / Membership No. - 529492

UDIN: 23529492BGYQSM2634

Date: 29-06-2023

Place: New Delhi

**SOUTH ASIAN UNIVERSITY
CONSOLIDATED
BALANCE SHEET AS AT 31ST DECEMBER 2021***

<u>CORPUS/CAPITAL FUND & LIABILITIES</u>	Schedule	Current Year	Amount (Rs.) Previous Year
Corpus Fund	1	754,102,476	691,378,435
Capital Fund		9,102,265,068	8,464,250,164
General Fund		-	285,831,159
Earmarked /Endowment Fund	2	(14,604,709)	(47,771,080)
Current Liabilities	3	611,090,681	1,356,960,635
TOTAL		10,452,853,517	10,750,649,314

ASSETS

Fixed Assets Gross Block	4	9,458,401,410	8,802,618,280
Less: Depreciation till date		356,136,342	316,825,695
Net Assets		9,102,265,068	8,485,792,585
Current Assets	5	1,350,588,450	2,286,399,149
TOTAL		10,452,853,518	10,772,191,734


Significant Accounting Policies and Notes on Accounts 11

For M/s Goyal Parul & Co
Chartered Accountants


CA. R.K. Keshawani
Partner
Membership Number: 529492
Firm No. 016750N
Place : New Delhi
Date: ~~04.09.2022~~
24-06-2023

For South Asian University


CA. Keshav Datt
(Director Finance)
Keshav Datt
Director Finance
South Asian University
New Delhi-110068


Prof. Ranjan K. Mohanty
(Acting President)
Prof. Ranjan K. Mohanty
Acting President
South Asian University
New Delhi-110021

* Audited by SAU Statutory Auditor

**SOUTH ASIAN UNIVERSITY
CONSOLIDATED
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER 2021***

(Amount - Rs.)

INCOME	Schedule	Current Year	Previous Year
Operational Contribution from Member States		1,029,766,533	963,320,443
Capital Fund Transferred (to the extent of Depreciation)	4	17,633,132	21,816,785
Academic Receipts	6	39,815,818	39,321,502
Other Income	7	940,292	1,430,692
TOTAL		1,088,155,775	1,025,889,422

EXPENDITURE

Establishment Expenses	8	500,080,361	425,909,215
Other Administrative Expenses etc.	9	423,801,529	430,219,870
Academic Expenses	10	106,041,350	108,089,159
Depreciation:			
During the Year	4	17,633,132	21,816,785
TOTAL		1,047,556,372	986,035,029

Balance being surplus carried forward to General Fund 40,599,404 39,854,393

Significant Accounting Policies and Notes on Accounts 11

For M/s Goyal Parul & Co
Chartered Accountants

CA. R.K.Kesherwani
Partner
Membership Number: 529492
Firm No. 016750N
Place : New Delhi
Date: ~~01-06-2023~~
29-06-2023

For South Asian University



CA. Keshav Datt
(Director Finance)
Keshav Datt
Director Finance
South Asian University
New Delhi-110068

Prof. Ranjan K. Mohanty
(Acting President)



Prof. Ranjan K. Mohanty
Acting President
South Asian University
New Delhi-110021

* Audited by SAU Statutory Auditor

CONSOLIDATED RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER 2021 *

	Amount (Rs.)		Amount (Rs.)		Amount (Rs.)	
	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year
I. RECEIPTS						
Operating Balances						
a) Cash in hand	92,636	114,102			569,745	2,014,232
b) Bank Balances	1,383,072,383	1,307,621,499			38,715,396	562,897,017
II. Contributions Received						
a) Capital Contribution from SAARC Host Member State	-	743,300,000			343,288,971	369,709,212
b) Operational Contribution from SAARC Member States	93,028,040	452,498,038			67,609,515	70,427,396
III. Interest Received						
On Bank deposits	46,613,562	86,402,259			65,274,173	81,075,015
IV. Temporary Borrowings from Operational Funds						
Operational Account					43,874,756	960,378
Other Receipts						
a) Earnest Money from Vendors	3,404,568	1,663,000			494,696,135	539,610,957
b) Performance Security from Vendors	24,880	-			8,443,375	44,659,182
c) Refund of Deposit from BSES	1,980,000	979,048			102,960	6,389
d) Advances returned by employees	-	-			8,700	116,506,151
e) GST Refund	334,668,746	22,761,786			2,180,000	275,000
Val Refund from Delhi Government	-	-			7,438,959	-
(i) Employees	7,681	96,681			6,271,742	14,219,971
(ii) Operational Account	-	18,491,321			5,463,636	5,110,129
(iii) Capital Account	-	522,149,385			29,719	138,387
(iv) Sales proceeds of Assets	-	13,640			21,924,154	22,761,786
(v) Other Corpus fund Receipts	5,798,656	6,102,600			93,156,010	11,169,854
(vi) Security Deposit from Vendors	508,518	204,121			767	4,098
(vii) SAARC Silver Jubilee Scholarship GOI	45,676,431	-			110,925	161,600
(viii) Research & Development project receipts	18,871,949	13,710,487			4,024,491	1,213,129
(ix) Other Misc Receipts	797,513	4,643,104			1,220,771	341,000
Refund of Temporary Loan from Capital Account	70,498,051	224,432,125			26,904,775	224,377,875
Advance from staff / students recovered					28,280,469	22,762,112
MOA	12,586,064	9,779,545			5,581,664	6,265,464
Mutual fund Receipt	209,601,523	29,918,249			16,465,293	11,164,636
Academic Receipts					1,479,300	584,500
Fees From SAU Students	15,315,565.44	15,216,100.28			5,022,060	7,859,220
					969,225	1,053,243
					67,696	92,835
					792,811,164	874,837,384
					150,093,990	508,224,969
TOTAL	2,242,737,036	3,500,779,062			2,242,737,036	3,500,779,062

For Mis Goyal Panul & Co
Chartered Accountants
(Signature)
CA. R.K. Keshav Datt
Partner
Membership Number: 529492
Firm No. 016750N
Place : New Delhi
Date: 04.05.2023

For South Asian University
(Signature)
CA. Keshav Datt
(Director Finance)
Keshav Datt
Director Finance
South Asian University

(Signature)
Dr. Ranjan Kumar Mohanty
(President)
Prof. Ranjan K. Mohanty
Acting President
South Asian University

* Audited by SAU Statutory Auditor



Members of Governing Board 2022

Sl. No.	Country	Name & Designation	
1	Afghanistan	<p>Mr. Rohullah Rohani Deputy Minister for Academic Affairs Ministry of Higher Education Islamic Republic of Afghanistan Kabul, Afghanistan</p>	<p>Mr. Gharanai Khwakhuzhi Director General for Regional Cooperation Ministry of Foreign Affairs Shah Mahmood Ghazi Watt (Avenue) Malik Asgher Square, Kabul, Afghanistan</p>
2	Bangladesh	<p>Prof. Dr. Dil Afroza Begum Chairman (Acting) University Grants Commission Agargaon, Sher-e-Bangla Nagar, Dhaka, Bangladesh (w.e.f. 10.04.2022)</p> <p>Dr. Kazi Shahidullah Chairman University Grants Commission Agargaon, Sher-e-Bangla Nagar Dhaka, Bangladesh (upto 9.04.2022)</p>	<p>Mr. Md. Shamsul Haque Additional Foreign Secretary (SAARC & BIMSTEC) Ministry of Foreign Affairs Segunbagicha, Dhaka - 1000 Bangladesh</p>
3	Bhutan	<p>Mr. Tshewang C. Dorji Director Dept. of SAARC & Regional Organizations, Ministry of Foreign Affairs Thimphu, Bhutan</p>	<p>Mr. Tashi Namgyal Director Dept. of Adult and Higher Education Ministry of Education Royal Government of Bhutan, Thimphu, Bhutan</p>
4	India	<p>Mr. Rudrendra Tandon Additional Secretary (BIMSTEC & SAARC) Ministry of External Affairs, Government of India Jawaharlal Nehru Bhawan, New Delhi (w.e.f. 11.02.2022)</p> <p>Prof. M. Jagadesh Kumar Chairman University Grants Commission Bahadur Shah Zafar Marg, New Delhi – 110002 (w.e.f. 11.02.2022)</p>	<p>Mr. Harsh Kumar Jain Joint Secretary (BIMSTEC & SAARC) Ministry of External Affairs, Government of India Jawaharlal Nehru Bhawan, New Delhi (upto 10.02.2022)</p> <p>Prof. D.P. Singh Chairman University Grants Commission New Delhi (upto 10.02.2022)</p>
5	Maldives	<p>Dr. Mohamed Shareef Vice Chancellor The Maldives National University Male, Republic of Maldives</p>	<p>Dr. Ibrahim Hassan Minister of Higher Education Ministry of Higher Education Male, Republic of Maldives</p>

6	Nepal	<p>Prof. Bhim Prasad Subedi <i>Chairman</i> University Grants Commission, Nepal</p>	<p>Mr. Ghanshyam Bhandari <i>Joint Secretary and Head of the</i> Regional Organization Division, Ministry of Foreign Affairs Government of Nepal, Kathmandu, Nepal (w.e.f. 15.08.2021)</p>
7	Pakistan	<p>Dr. Shaista Sohail <i>Executive Director, Chairman (Acting)</i> Higher Education Commission Islamabad, Pakistan</p>	<p>Mr. Ubaid-ur-Rehman Nizamani <i>Director General (SA&SAARC)</i> Ministry of Foreign Affairs, Islamabad, Pakistan</p>
8	Sri Lanka	<p>Prof. Sampath Amaratunga <i>Chairman</i> University Grants Commission, Colombo, Sri Lanka (w.e.f. 24.02.2022)</p> <p>Prof. Sampath Amaratunga <i>Member of Parliament</i> Colombo, Sri Lanka</p>	<p>Prof. Mohan De Silva <i>Chairman</i> University Grants Commission Colombo, Sri Lanka (upto 23.02.2022)</p>
9	SAARC Secretariat	<p>SAARC Secretary General <i>(or his/her Representative)</i></p> <p>H.E. Esala Ruwan Weerakoon <i>SAARC Secretary General</i> SAARC Secretariat, Kathmandu, Nepal</p>	
10	South Asian University	<p>Prof. R.K. Mohanty <i>President (Offg.), SAU</i></p> <p>Prof. Muhammad Abulaish <i>Acting Registrar &</i> <i>Non-Voting Member Secretary, SAU</i> (w.e.f. 24.05.2022)</p>	<p>Mr. Bibhupada Tripathy <i>Acting Registrar &</i> <i>Non-Voting Member Secretary</i> (upto 23.05.2022)</p>

Members of Executive Council - 2022

Sl. No.	Name & Designation	Date
1	Prof. R.K. Mohanty <i>Chairperson, Acting President, SAU</i>	
2	Prof. Senthil K. Venugopal <i>Acting Vice President, SAU</i>	
3	Prof. Pankaj Jain <i>Chairperson, Library Advisory Committee, SAU</i> Prof. Sanjay Chaturvedi <i>Chairperson, Library Advisory Committee, SAU</i>	w.e.f. 29.07.2022 upto 28.07.2022
4	Dr. Navnit Jha <i>Associate Dean of Students, SAU</i> Prof. Deepa Sinha <i>Dean of Students, SAU</i>	w.e.f. 14.03.2022 upto 13.03.2022
5	Prof. Sanjay Chaturvedi <i>Dean, FSS-SAU</i> Prof. R.K. Mohanty <i>Dean, FSS (I/c)-SAU</i> Prof. Sasanka Perera <i>Dean, FSS-SAU</i>	w.e.f. 01.08.2022 upto 31.07.2022 upto 27.05.2022
6	Prof. Shibnath Mazumder <i>Dean, FLSB-SAU</i> Prof. Senthil K. Venugopal <i>Dean, FLSB-SAU</i>	w.e.f. 19.02.2022 upto 18.02.2022
7	Prof. Deepa Sinha <i>Dean, FMCS-SAU</i> Prof. Pranab K. Muhuri <i>Dean, FMCS-SAU</i>	w.e.f. 14.03.2022 upto 13.03.2022
8	Prof. Sunil Kumar <i>Dean, FE-SAU</i>	
9	Dr. Srinivas Burra <i>Associate Dean, FLS-SAU</i>	
10	Prof. Muhammad Abulaish <i>Acting Registrar & Non-Voting Member Secretary, SAU</i> Mr. Bibhupada Tripathy <i>Acting Registrar & Non-Voting Member Secretary, SAU</i>	w.e.f. 24.05.2022 upto 23.05.2022
11	Mr. Keshav Datt <i>Director-Finance, SAU</i> <i>Non-Voting Member</i>	

Members of Academic Council - 2022

Sl. No.	Name & Designation	Date
1	Prof. R.K. Mohanty <i>Chairperson, Acting President, SAU</i>	
2	Prof. Senthil K. Venugopal <i>Acting Vice President, SAU</i>	
3	Prof. Sanjay Chaturvedi <i>Dean, FSS-SAU</i> Prof. R.K. Mohanty <i>Dean, FSS (I/c)-SAU</i> Prof. Sasanka Perera <i>Dean, FSS-SAU</i>	w.e.f. 01.08.2022 upto 31.07.2022 upto 27.05.2022
4	Prof. Shibnath Mazumder <i>Dean, FLSB-SAU</i> Prof. Senthil K. Venugopal <i>Dean, FLSB-SAU</i>	w.e.f.19.02.2022 upto 18.02.2022
5	Prof. Deepa Sinha <i>Dean, FMCS-SAU</i> Prof. Pranab K. Muhuri <i>Dean, FMCS-SAU</i>	w.e.f 14.03.2022 upto 13.03.2022
6	Prof. Sunil Kumar <i>Dean, FE-SAU</i>	
7	Dr. Srinivas Burra <i>Associate Dean, FLS-SAU</i>	
8	Prof. Pankaj Jain <i>Chairperson, Library Advisory Committee, SAU</i> Prof. Sanjay Chaturvedi <i>Chairperson, Library Advisory Committee, SAU</i>	w.e.f. 29.07.2022 upto 28.07.2022
9	Dr. Navnit Jha <i>Associate Dean of Students, SAU</i> Prof. Deepa Sinha <i>Dean of Students, SAU</i>	w.e.f. 14.03.2022 upto 13.03.2022
10	Prof. Deepa Sinha <i>Chairperson, Dept. of Mathematics, FMCS-SAU</i> Prof. Ranjan Kumar Mohanty <i>Chairperson, Dept. of Mathematics, FMCS-SAU</i>	w.e.f. 11.05.2022 upto 10.05.2022
11	Dr. Ankur Datta <i>Chairperson, Department of Sociology, FSS-SAU</i> Dr. Ravi Kumar <i>Chairperson, Department of Sociology, FSS-SAU</i>	w.e.f. 17.05.2022 upto 16.05.2022
12	Prof. Muhammad Abulaish <i>Acting Registrar & Non-Voting Member Secretary, SAU</i> Mr. Bibhupada Tripathy <i>Acting Registrar & Non-Voting Member Secretary, SAU</i>	w.e.f. 24.05.2022 upto 23.05.2022

Members of Finance Committee - 2022

Sl. No.	Name & Designation
1	Prof. R.K. Mohanty <i>Acting President, Chairperson (Ex-officio)</i> South Asian University, New Delhi
2	Prof. Senthil K. Venugopal <i>Acting Vice President Member (Ex-officio)</i> South Asian University, New Delhi
3	One nominee of the Governing Board (Rule 16.1.3) <i>Yet to be nominated Member</i>
4	Prof. Mohammad Reza Farzam <i>Vice Chancellor for Administrative and Finance Affairs,</i> Kabul University, Afghanistan
5	Mr. Mohammad Eklas Uddin <i>Director of Finance, West University,</i> Dhaka, Bangladesh
6	Dean <i>FLSB (Ex-officio)</i> South Asian University, New Delhi
7	Dean <i>FMCS (Ex-officio)</i> South Asian University, New Delhi
8	Registrar <i>(Ex-officio)</i> <i>Non-voting Member Secretary</i> South Asian University, New Delhi
9	C.A. Keshav Datt <i>Director Finance (Ex-officio)</i> South Asian University, New Delhi



South Asian University

(A University established by SAARC nations)

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