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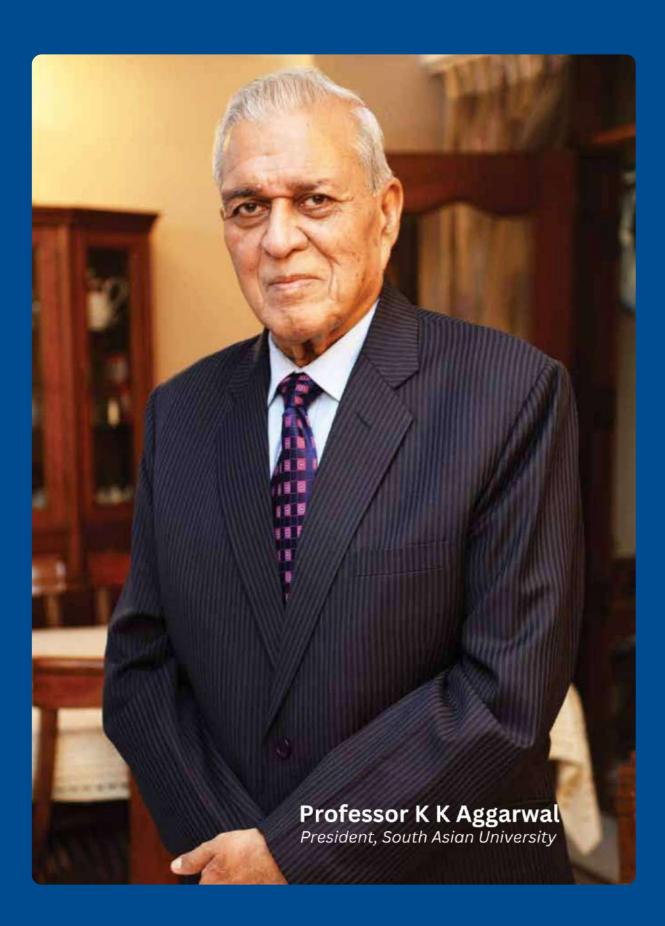
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## Message from the President

#### **Dear Prospective Students,**

It is my pleasure to extend a warm welcome to you as you consider joining the South Asian University (SAU), a beacon of academic excellence and cultural diversity in the heart of South Asia.

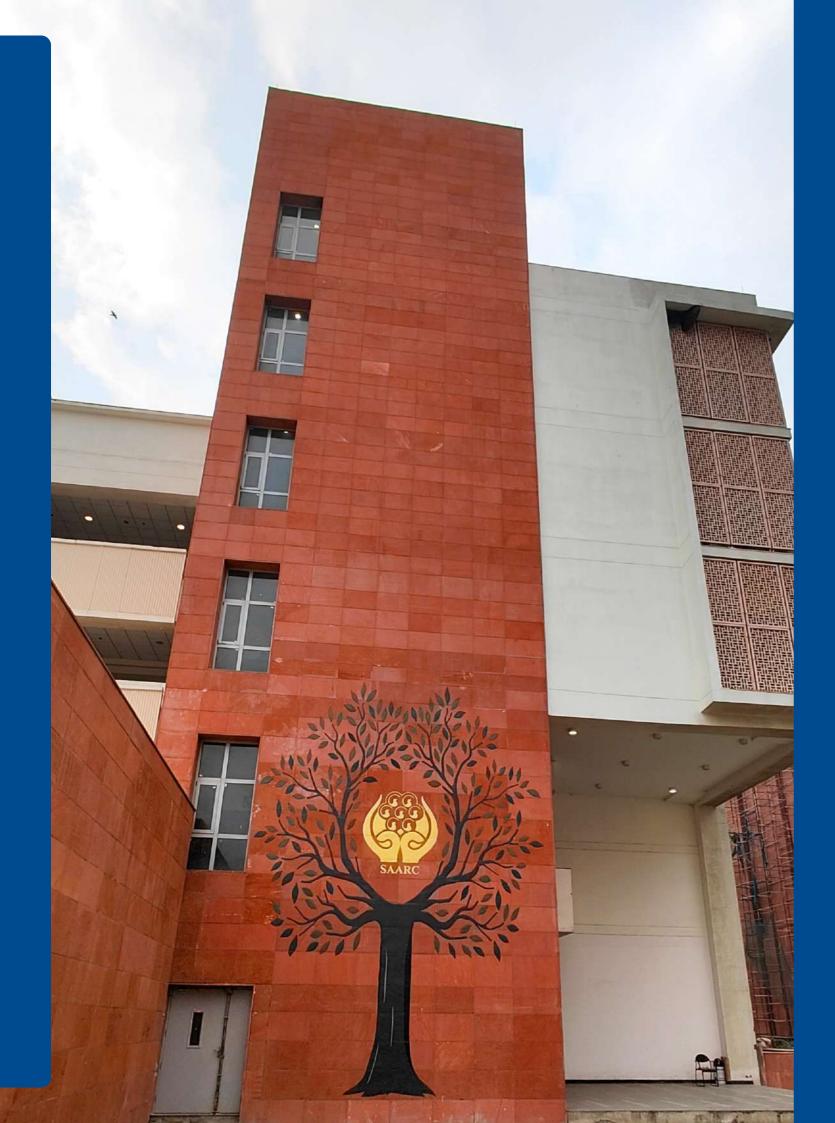
At SAU, we pride ourselves on fostering an environment where intellectual curiosity thrives, where ideas are exchanged freely, and where students from diverse backgrounds come together to learn, grow, and make a meaningful impact on the world. As the President of SAU, I am committed to ensuring that our institution remains a hub of innovation, scholarship, and collaboration, where students are empowered to realize their full potential and become leaders in their respective fields.

By choosing SAU, you are embarking on a journey that will not only enrich your academic experience but also broaden your horizons, deepen your understanding of the world, and forge lifelong connections with peers and mentors alike. Whether you aspire to pursue research that addresses pressing global challenges, engage in interdisciplinary study that spans borders and disciplines, or contribute to the rich tapestry of cultural exchange that defines our university, SAU offers a vibrant and supportive community in which to pursue your dreams.

SAU is a unique institution in more ways than one. As you navigate the admissions process, I encourage you to explore all that SAU has to offer, from our world-class faculty and state-of-the-art facilities to our vibrant campus life and myriad opportunities for personal and professional growth. I am confident that you will find SAU to be a place where you can progress academically, intellectually, and personally, and I look forward to welcoming you into our community of scholars, thinkers, and change makers.

Thank you for considering SAU for your academic journey. We are excited to see the contributions you will make and the impact you will have as part of our dynamic and diverse community.

Prof. K K Aggarwal President South Asian University



## **KNOWLEDGE WITHOUT BORDERS**

South Asian University (SAU) was established in 2010 with an objective of equipping the young minds of the South Asian region with world-class cutting edge knowledge and nurturing regional consciousness. It is a joint initiative of the eight member nations of South Asian +Association for Regional Cooperation (SAARC) viz. Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

The idea of establishing SAU was mooted by the Prime Minister of India at the 13th SAARC Summit in Dhaka in 2005. The idea was for member countries to pool their resources for creation of a Centre of Excellence in the form of a university that would provide world-class facilities and professional faculty to students and researchers drawn from every country of the SAARC region.

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

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

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

Located in Maidan Garhi, South Delhi, SAU currently offers **Bachelor's**, Master's and Research Programmes in Applied Sciences and Social Sciences. Unlike other universities in the SAARC nations, SAU offers a unique blend of multicultural and cosmopolitan experience drawing students and faculty from across South Asia. SAU's distinct community of students and faculty make the campus enriched with diverse and innovative ideas, and also prepare the students to approach the world with a perspective that is distinctively South Asian, representing the aspirations and the needs of the region.

Presently, the university has five faculties viz. Faculty of Economics, Faculty of Legal Studies, Faculty of Life Sciences and Biotechnology, Faculty of Mathematics and Computer Science and Faculty of Social Sciences. In the near future, the university will expand to accommodate about 13 faculties, with more than 5000 students.



## **ACADEMIC FACULTIES**

South Asian University is a research-focused university. The university currently offers Bachelor's, Master's and Research Programmes under five Faculties which are listed below:

**Faculty of Economics** 

**Faculty of Legal Studies** 

**Faculty of Life Sciences and Biotechnology** 

Faculty of Mathematics and Computer Science

Department of Computer Science
 Department of Mathematics

## **Faculty of Social Sciences**

Department of International Relations
 Department of Sociology



## **FACULTY OF ECONOMICS**

The Faculty of Economics offers a unique Master's programme in Economics with specialisation in Economic Development and a PhD programme in Economics.

The programmes introduce students to the intellectual breadth, theoretical rigor, and empirical skills that are necessary for conducting advanced research, teaching, and working on issues of economic development in the South Asian region. With a vibrant community of scholars and students from all over South Asia, the Faculty strives to emerge as a major center of higher learning in this region. The students graduating from the programmes in the Faculty will be well trained to join academia, corporate sector, or international and national development agencies and policy think tanks.

The Faculty has the right mix of youth and experience. The small student teacher ratio, which is unparalleled in other institutions in this region, provides opportunity for students and faculty members to have regular personal interactions both within and outside classrooms.

The students have access to a well-stocked library, a wide range of electronic resources, and a state-of-the-art computer laboratory. The Faculty is also in the process of building up a comprehensive documentation and reference center with special emphasis on the SAARC region.

## **FACULTY OF LEGAL STUDIES**

The study of law at South Asian University aims at an analytical understanding of the subjects, systems, theories and institutions in this field. Towards this end, the Faculty of Legal Studies has introduced the LL.M programme with an emphasis on international law and a PhD programme. It is widely known that international law has become the common language of relations between states and other subjects. Keeping this in view, the programme is sensitive to the perspective of South Asian countries. It is believed that the countries of the South Asian region would be able to explore new areas of cooperation if the study of their common legal problems is pursued with greater commitment. To be able to build a strong foundation for future research abilities of students in the region, the Faculty focuses on some important areas of international law as part of the LL.M course structure.

Among the courses offered by the Faculty are: General Principles of International Law, International Trade Law, Law of International Organisations, International Human Rights Law, International Humanitarian, International Criminal Law, Law of the Sea, Private International Law, Intellectual Property Law, and Legal Theory and Jurisprudence. The Faculty equally emphasises on developing an interdisciplinary approach to the study of law in general and international law in particular. Further, the Faculty offers some innovative courses such as Comparative Constitutional Law of South Asian countries.

Apart from traditional pedagogic methods of teaching, the Faculty adopts seminar methods, wherein weekly legal discourses are organised. Eminent law scholars from India and abroad are invited to interact with faculty and students. The Faculty also organises discussions on contemporary legal problems, through joint seminars with other institutions. Further, the Faculty intends to engage the available human resources in the region and other parts of the world to contribute towards establishing centres of excellence in the field of international law and other important fields of law.





## FACULTY OF LIFE SCIENCES AND BIOTECHNOLOGY

The current millennium is the age of biological sciences. Today, we have the conceptual, experimental and mathematical tools to understand the complexity of inputs that go into the integrated study of the Science of Life. Also, with changing modes of production and climate change, the role of Life Sciences is increasing rapidly to the extent that our long-term wellbeing would be highly dependent on our understanding of the biological processes. The distinction between basic knowledge and its application towards the betterment of human existence has mostly ceased to exist.

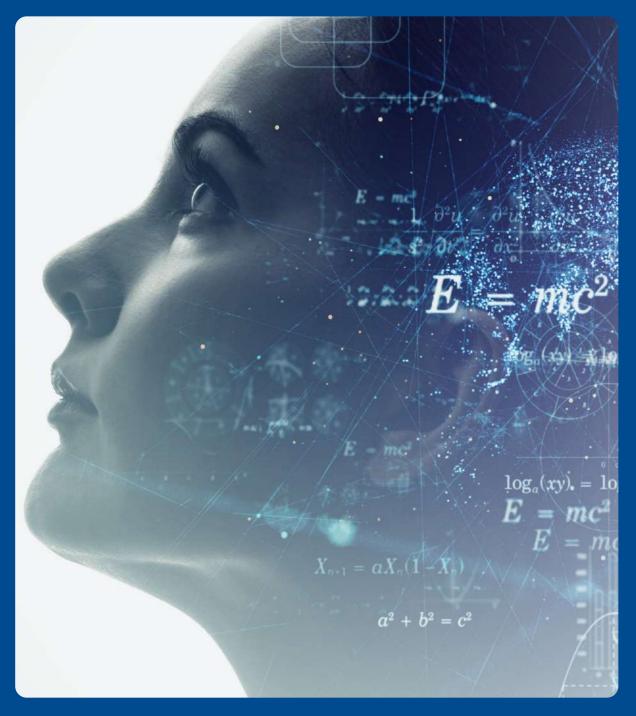
The Faculty trains postgraduate students in a wide spectrum of Life Sciences. The endeavor of the Faculty is to teach the latest concepts and research technologies and prepare the students for careers in research and teaching in modern biology and biotechnology. The areas covered includes Molecular and Cellular Biology; Biochemistry; Biostatistics, Microbiology and Immunology; Molecular Medicine; Genetic Engineering Biotechnology in plants; Neurosciences; Cancer Biology; Environmental Biotechnology; Stem cell Biology; Fermentation and Biochemical Engineering; Chemical Biology, Virology, Structural Biology and Synthetic Biology. In addition to the theory courses, a major component of our curriculum is Laboratory Techniques. Students are also offered research training in the form of two semesters M.Sc. project work so that they may explore their career in the field of research and starting their own enterprises as creative entrepreneurs.

The Faculty trains postgraduate students in a wide spectrum of Life Sciences. The endeavor of the Faculty is to teach the latest concepts and research technologies and prepare the students for careers in research and teaching in modern biology and biotechnology. The areas covered includes Molecular and Cellular Biology; Biotechnology; Microbiology and Immunology; Molecular Medicine; Genomics, Genetics and Evolutionary Biology; Biotechnology in plants; Neurosciences; Cancer Biology; Ecology and Biodiversity; Stem cell Biology; Fermentation and Biochemical engineering; Structural Biology and Synthetic Biology. Students are offered training in intellectual property rights and entrepreneurship so that they may also explore starting their own enterprises as creative entrepreneurs.

## FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

The Faculty of Mathematics and Computer Science in the SAU aims to be a symbiosis of Mathematics and Computer Science. The Faculty envisages that Mathematics will act as the bedrock for well-founded computation, which will in turn be at the heart of all inter-disciplinary activity involving Computer Science.

The Faculty has two departments - Department of Computer Science and Department of Mathematics.



#### **Department of Computer Science:**

The Department of Computer Science, established by the University in 2010, is one of the most vibrant departments in the university. The department initiated its teaching activities through a Master's degree programme in Computer Science in 2010, and later it started the PhD programme in Computer Science in 2013. The department is starting a Bachelor's degree programme from this year. For each programme, the department follows a unique up-to-date curriculum 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 work competently in diverse areas. To accomplish these objectives, the department is offering PhD programme, four Masters programmes and one Bachelor programme. The summary of the Masters and Bachelor programmes is:

- 2 years MTech (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems
- 2 years MSc (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems
- 3 years Integrated M.Sc.+MTech (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems
- 5 years dual degree BTech-MTech (Computer Science and Engineering)
- 4 years BTech (Computer Science and Engineering)

The MTech, Integrated MSc + MTech and dual degree BTech-MTech programmes of the department contains one year rigorous research project with an aim to strengthen and contribute to new research areas in the field. To facilitate research work, many high-end labs have been established in the department.

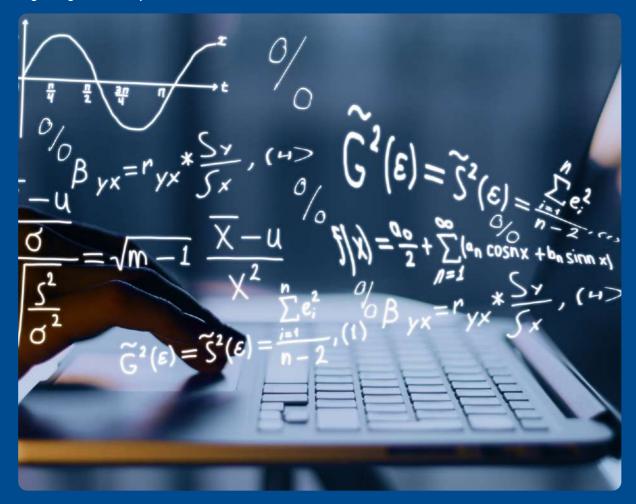
In alignment with the fact that the university departments have their own responsibility to bring out skilled and competent professionals to face global challenges with the new insights of problem-solving abilities, the Department of Computer Science, admitting students from all SAARC nations, is rendering such an important responsibility by producing Computer Science professionals competent enough to fulfill the industrial and research needs of the SAARC nations. The mission of producing able and competent Computer Science professionals in the department is being achieved due to the involvement of highly dedicated and competent faculty members. We are continuously progressing year after year as we are sincerely committed towards the goal of promoting not only the department but also the institution as a whole. Our students have been able to make a mark for themselves in different parts of the world.

#### **Department of Mathematics:**

The Department of Mathematics was established in the year 2012, with a vision of being a research-oriented Department that would cater to the need of application oriented research in Mathematics. Keeping in view the applicability of mathematics across almost all disciplines, the department started its first programme as MSc in Applied Mathematics. The up-to-date curriculum of this course has been so designed that after completion of the programme, the students would be equally equipped either to join a variety of industries or to pursue academics. Moreover, the department is committed to keeping the curriculum dynamic so that the latest trend/demand of the programme would be taken care of. In 2013, the department instituted the PhD programme. Since then, many batches of scholars have received their degrees and they are progressing well in their careers.

The students in the Department of Mathematics are provided with a rich exposure of the latest research by way of organizing academic activities from time to time. The department has organized numerous Symposiums and International Workshops. Moreover, lectures and seminars by eminent mathematicians are a regular feature of the department.

The Department has a strong team of research oriented academicians all of whom have vast research and teaching experience. At present, the Department of Mathematics consists of eight regular faculty members.



## **FACULTY OF SOCIAL SCIENCES**

The Faculty of Social Sciences at South Asian University was started in 2011. It is one of the most vibrant faculties in the university with a diverse student composition. With many faculty members of international repute, the Faculty attracts students from the region and beyond.

At present, the Faculty consists of two departments - Department of International Relations and Department of Sociology.

### **Department of International Relations:**

The Department of International Relations at the South Asian University while attentive to the global lineage(s) of ideas and practices in world politics seeks to widen our appreciation of the content of the international by interrogating intellectual traditions within South Asia as embedded in the larger Asia. Simultaneously, there is an interest in engaging with comparative regional histories of globalisation in continents such as Latin America and Africa. The intent is not to simplistically extol the virtues of one kind of knowledge to the detriment of the other but on the contrary to enrich our notion of the international by actively participating in a lively global conversation aimed at critically scrutinizing dominant discourses within the discipline afresh.

The faculty of the Department share wide-ranging research interests. These encompass both mainstream theories and critical approaches to the study of International Relations, disciplinary histories of IR, global political economy concerns and international normative political theory. Colleagues also pursue teaching and research interests in security and strategic studies, peace and conflict-resolution approaches, the study of regional and international organisations, identity politics and the links between cognition and world politics. Collectively, we share an abiding curiosity with regard to all facets that have a bearing on the overall texture of politics in South Asia. Popular culture in South Asia as relates to cinema, music, cuisine, dress and languages would for instance squarely fall within our broad ambit of interest. We ultimately seek to build a community of scholars who normatively share an ontology and consciousness of being simultaneously both South Asian and global citizens. We invite you to embark on what promises to be a stimulating and timely intellectual journey.

## **Department of Sociology:**

The Department of Sociology at South Asian University began its contributions to teaching, training and knowledge production in 2011. The Department not only provides a forum for the production of cutting-edge intellectual knowledge and exchange of that knowledge traversing across national borders in South Asia and beyond, but also strives through this knowledge to dislocate the persistence of an imposed framework emanating from the colonisation process and postcolonial politics of knowledge. Despite the passage of over fifty years since the



process of official decolonization began in the region, much of the readings of our problems, issues and histories originate from Euro American academia. This is very clearly visible when taking into account conceptual formulations and theoretical approaches that are utilized in exploring the region's social and cultural complexities.

The Department of Sociology strongly believes in the need to reformulate this situation by effectively centering South Asia without naively shunning thought from these established centers of knowledge be they in Europe or North America. We believe in an active and robust engagement with these issues within South Asia. In this context, through the work of its faculty and the research of graduate students, the Department creates a forum for the newer forms of knowledge that comprehends and represents the South Asian context with a more authoritative and nuanced voice. We strongly believe in the need to actively intervene in the process of knowledge formation through a constant sharing of knowledge that the region produces as well as through interaction with the world beyond the region. The courses taught in the department as well as the research carried out by its faculty members reflect this overall vision and our collective commitment towards innovation, move beyond untenable stereotypes, and explore a new world of knowledge within the discipline of Sociology.

## **INFRASTRUCTURE**

South Asian University is located in Maidan Garhi, South Delhi over a nearly 100-acre lush green campus, adjacent to a national wildlife sanctuary. The university is fully furnished with the latest equipment and infrastructures that are on par with many well-established universities. Some of the key buildings and their dimensions along with their photographs are given below:

The Life Sciences and Earth Sciences Building - Total Area - 44,782 square metres

Faculty of Physics, Chemistry, Mathematics and Computer Science Building - Total Area - 27,638 square metres

Faculty of Law and Humanities Building - Total Area - 26,413 square metres

Faculty Club and Guest House - Total Area - 5,128 square metres

Art & Design Building + Convention Centre - Total Area - 36,212 square metres

**Administration Building** - Total Area – 13,895 square metres

**Institute of South Asian Studies Building** - Total Area - 9,491 square metres

**Library Building** - Total Area - 15,029 square metres

**Residential Blocks** - Total Area of Each Block – 21,882 square metres

















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## **FACILITIES FOR STUDENTS**

#### SAU offers the following facilities on the campus:

#### 24X7 air-conditioned reading rooms

Dedicated reading rooms on different floors, where you can go anytime during the day and night to study without distractions.

#### Free Wi-Fi access

The university campus, including the classrooms, library and common areas, has free wi-fi access.

#### Free access to the computer laboratory

The general computer laboratory of the university is open to every student and can be accessed anytime from 9 AM to 6 PM on all working days (Monday-Friday) excluding general holidays.

#### Well-stocked library with free access to international e-resources

Prof G. K. Chadha Library of South Asian University was established to fulfil the academic and research needs of the students, faculty members and other users of the library. The library has a rich collection of physical volumes of books. It is subscribing to popular magazines, dailies, e-journals and e-databases from various publishers. It is also a part of the DELNET to access resources from other libraries within India. As a member of e-ShodhSindhu (eSS), the library



has access to various journals and databases and the J-Gate Plus article delivery service. The reading rooms are open from 9:00 am to 10 pm, 7 days a week. The Library uses an open-source library management system and provides access to subscribed e-resources through the off-campus facilities by Shibboleth via INFED.

#### **Sports facilities**

The university provides facilities for games like Table Tennis, Chess and Carrom. Students can also make good use of the playgrounds around the campus to practice other sports including football and cricket.

#### **Photocopying services**

Photocopying, printing and binding services are available at subsidized rates on the first floor of the Earth Sciences Building.

#### Cafeteria

The cafeteria is located on the ground floor of Earth Sciences Building and provides anything from tea, coffee, cold beverages, hot snacks, meals to packaged foods at reasonable rates.

#### 24X7 security

Multi-tier security is provided in the university with CCTV cameras and security guards manning all the important areas of the campus.

#### **Student common rooms**

The one place where you can unwind with your friends and watch a football match together on the TV or read newspapers or indulge in a game of Table Tennis.

#### **Hostel facilities**

The university offers on-campus housing to students of all programmes. Hostel facility is provided to about 400 students in partially furnished shared accommodation in six newly-built buildings. There are several common areas, such as study rooms, common rooms, multipurpose rooms, a lounge for gatherings, a fitness centre for workouts, and playgrounds.

#### **Medical facilities**

All admitted students are covered under the Medical Group Insurance Scheme provided by the University. In addition, the University has its own Health Centre where limited OPD, lab, and counselling facilities are available.

Expenses incurred by students on purchase of medicines prescribed by the University doctor or referred doctor are partially reimbursable as per CGHS rates and as per SAU rules. Referral is necessary for reimbursement of consultation and medicines, except in case of emergency. Reimbursement will not be considered if students go to any doctor on their own.

For complete details of medical facilities ,the students are requested to read the rules and regulations in the health booklet issued to them in the health center at the time of first consultation and strictly adhere to them.

## **STUDENT ACTIVITIES**

With students from every corner of the South Asian region, South Asian University is indeed a melting pot of the South Asian culture, the reflection of which can be witnessed during any student event such as Cultural Fest, Hostel Fest, International Mother Language Day and Sports Meet, Welcome and Farewell events, just to mention a few. The university has five student societies catering to different areas of interest. The societies organise events on a regular basis making campus life vibrant and happening. The five societies are as follows:

- 1. Society for Music and Dance
- 2. Society for Art and Theatre
- 3. Society for Film and Photography
- 4. South Asia Speaks: A Forum for Dialogical Explorations
- 5. Book Club











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## **ADMISSIONS**

SAU inducts its cohorts every year through a SAARC-wide entrance test. The admission notification is released around February on the university's website and leading newspapers in all the SAARC countries. Here are the details of the Admission Process, Programmes on offer, Scholarships and Financial Assistance, Number of Seats, Visa, Entrance Test, etc.

## **Bachelor's Programme**

The university offers the following Bachelor's programme:

- BTech Computer Science and Engineering
- Dual Degree BTech MTech Computer Science and Engineering

### **Master's Programmes**

The university offers the following Master's programmes:

- Msc Applied Mathematics
- MSc Biotechnology
- MSc Computer Science
- MTech Computer Science
- Integrated MSc + MTech Computer Science
- MA Economics (with specialisation in Economic Development)
- MA International Relations
- MA Sociology
- LLM (Master of Laws)

### **PhD Programmes**

The university offers the following Master's programmes:

- Biotechnology
- Computer Science
- Economics
- International Relations
- Legal Studies
- Mathematics
- Sociology

## General Eligibility For BTech Programmes

- A minimum of 12 years of education under 10+2 pattern (i.e. 12 years of schooling) with a minimum of 75% marks based on the education board recognized by any of the SAARC nations.
- Applicants who have not yet completed the 12th class and are yet to appear for their final exam, may also apply for admission. However, their admission will be confirmed only if they fulfill the minimum eligibility criteria of aggregate percentage of marks besides other relevant criteria. Please note that such candidates will not have any claim to admission if their results are not declared and their mark sheets are not available latest by 29 July 2024 which is the last date for admission. However, the last date of admission can be extended up to 14 August 2024 with late fee after prior approval from the competent authority. Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying examination.
- Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying examination.
- The students in all programmes at SAU shall be full-time students and shall not be permitted to take up any full or part-time jobs during the course of their study.
- Admission will be confirmed only after the completion of Physical Registration.

#### For Master's Programmes

- A minimum of 15 years of education under the 10+2+3 pattern (i.e., 12 years of schooling + a 3 year degree) or a 4-year degree after 10+2 (12 years of schooling) with a minimum of 50% marks (or an equivalent grade) for admission to MA courses; and 55% marks (or an equivalent grade) for admission to MSc courses. For all cases, the Master's programme will be of two years duration except Integrated M.Sc. + M.Tech (Computer Science) programme whose duration will be three years.
- For MTech Degree Programme A minimum of 16 years of education under the 10+2+4 pattern (i.e., 12 years of schooling + 4 year degree) or 17 years of education under the 10+2+3+2 pattern (i.e. 12 years of schooling + a 3 years bachelor degree + 2 years Masters degree) with 55% marks (or an equivalent grade) for admission MA Programmes; and 55% marks (or an equivalent grade) for admission to MSc Programmes. For all cases, the Master's programme will be of two years duration except Integrated MSc + MTech (Computer Science) programme for which the duration will be of three years.
- For MTech Degree Programme A minimum of 16 years of education under the 10+2+4 pattern (i.e., 12 years of schooling + 4 year degree) or 17 years of education under the 10+2+3+2 pattern (i.e. 12 years of schooling + a 3 years bachelor degree + 2 years Master's degree) with 55% marks (or an equivalent grade) for admission to MTech programme. The duration of the programme is two years.

- Applicants who have obtained a Bachelor's degree in less than 15 years (e.g., under the 10+2+2 pattern) are not eligible for admission to Master's programmes.
  - Those who have completed a two-year Bachelor's degree and thereafter have also completed one year of MA/MSc can apply for admission to a Master's programme subject to their fulfilling other prescribed eligibility conditions including the percentage of required marks (which will be the average of marks obtained at the Bachelor's level and the first year of the MA/MSc programme).
- Applicants who have not yet completed the Bachelor's degree course and are yet to appear for their last year/semester exam, may also apply for admission and appear in the Entrance Test. However, their admission will be confirmed only if they fulfil the minimum eligibility criteria of aggregate percentage of marks at the Bachelor's level and the first year of MA/MSc programme besides clearing the Entrance Test. Please note that such candidates will not have any claim to admission if their results are not declared and their mark sheets are not available latest by 29 July 2024 which is the last date for admission. However, the last date of admission can be extended up to 14 August 2024 with late fee after prior approval from the competent authority. Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying degree examination.
- Degrees obtained from government recognised Universities/Institutions will only be acceptable.
- Degrees obtained on the basis of work experience will not be acceptable for admission at SAU.
- Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying degree examination.
- Master's students in all programmes at SAU shall be full-time students and shall not be permitted to take up any full or part-time jobs during the course of their study.
- Students whose qualifying examination results are not announced at the time of personal registration, will not be registered till their results are declared but not later than 14 August 2024. Such students are advised not to report at SAU without their latest provisional degree certificate and final mark sheets.
- Admission will be confirmed only after the completion of Physical Registration.

#### For Dual Degree BTech - MTech Programmes

- A minimum of 12 years of education under 10+2 pattern (i.e. 12 years of schooling) with a minimum of 75% marks based on education board recognized by any of the SAARC nations.
- Applicants who have not yet completed the 12th class and are yet to appear for their final exam, may also apply for admission. However, their admission will be confirmed only if they fulfil the minimum eligibility criteria of aggregate percentage of marks besides other

relevant criteria. Please note that such candidates will not have any claim to admission if their results are not declared and their mark sheets are not available latest by **29 July 2024** which is the last date for admission. However, the last date of admission can be extended up to **14 August 2024** with late fee after prior approval from the competent authority. Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying examination.

- Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying examination.
- The students in all programmes at SAU shall be full-time students and shall not be permitted to take up any full or part-time jobs during the course of their study.
- Admission will be confirmed only after the completion of Physical Registration.

#### For PhD Programmes

- A candidate shall be eligible for admission to a programme of research leading to the award of Degree of Doctor of Philosophy (PhD), if he/she has passed: 12 years of regular Schooling and at least 3-years Bachelor's Degree plus post-graduate education leading to MA/MSc/MCA/MS/MTech/LLM degree from a recognized University/Institution with minimum 50% marks or equivalent grade for admission to Social Sciences and Law; and minimum 55% marks or equivalent grade for admission to Science subjects.
- Candidates, who have undergone integrated Bachelor's and Master's degrees, will be eligible for admission provided they have at least 5 years of College/University education leading to a **Master's' degree** after completing 12 years of schooling.
- Degrees obtained from government recognized Universities/Institutions will only be acceptable.
- Degrees obtained on the basis of work experience will not be acceptable for admission at SAU.
- Applicants who have not yet completed the Master's' degree programme and are yet to appear for their last year/semester exam, may also apply for admission. However, their admission will be confirmed only if they fulfil the minimum eligibility criteria of aggregate percentage of marks at the Master's level besides other relevant criteria. Please note that such candidates will not have any claim to admission if their results are not declared and their mark sheets are not available latest by 29 July 2024 which is the last date for admission. However, the last date of admission can be extended up to 14 August 2024 with late fee after prior approval from the competent authority. Students who are offered admission will be required to produce original certificates of their final results at the time of admission, including mark sheets/grade sheets of their qualifying degree examination.
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#### Modes for Admission to PhD

Admission to PhD programmes is made through two channels viz. through direct mode and through an Entrance test

#### Through Direct Mode

In this mode, certain categories of candidates will be exempted from the Entrance Test. They will be shortlisted on the bases of their CVs/SOPs/Research proposals/Letters of Recommendations and will be called directly for the interviews. The eligible categories are the following:

- Those who have been already awarded National fellowships in different SAARC countries on the basis of their respective National Entrance/Eligibility Tests
- Those who are funded by any Government agency to pursue PhD
- Those who are salaried and can get a leave from their organization for the two year residency period.

The students admitted through the direct mode will be provided hostel accommodation (as per the Hostel rules) and will be exempted from paying tuition fee. However, they will not be provided with any other financial support/fellowship/stipend throughout the tenure of the PhD programme.

For candidates applying through the above channel, separate merit lists will be drawn keeping in view the reservation of seats for candidates from different SAARC countries defined under SAU Rules.

#### **Through Entrance Test**

In this mode, the admission procedure for the PhD programme consists of an Entrance Test followed by an interview. Students are required to score at least 50% marks in both the Entrance Test and the interview separately, to be eligible for admission.

The students admitted through the Entrance Test will be provided hostel accommodation (as per the SAU Hostel rules) and will be exempted from paying tuition fee. They will be entitled to the university stipend of INR 25,000 per month for a maximum period of five years provided they are not receiving any other financial support/fellowship/stipend for the purpose of pursuing the PhD programme.

#### Travel Subsidy for candidates invited for interview

Candidates invited for the interview will be given a travel subsidy (upper limit INR 5,000) towards actual travel cost by the shortest route as per instructions which will be communicated to those called for interview. If candidates from outside India are unable to travel to New Delhi for the interview, they can seek permission for an interview through video conferencing.

#### Candidates should know before joining PhD programme

- The tenure of the PhD programme is five years.
- The pre-PhD course work is compulsory for all students and is spread over the first two semesters and carries 16 credits as follows: course work (14 credits) plus seminar and term

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paper (2 credits). Distribution of credits between the first two semesters is decided by individual Departments / Faculties. Some Faculties and Departments may have a slightly higher credit requirement depending on their specific needs. Candidates are advised to carefully read Faculty and Department-specific requirements online. In addition, students will be required to qualify a two credit course on "Introduction to South Asia" offered by the university if they have not already done so.

- At the end of the first year, students with a Cumulative Grade Point Average (CGPA) less than 5.0 will be deemed to have failed and shall leave the university. There is no provision for a repeat test for improvement of grades in any pre-PhD course.
- Candidates with a CGPA above 5.0 but less than 6.5 can opt for the MPhil programme and complete their dissertation within one year (8 Credits). MPhil students securing an overall FGPA of 6.50 and above (including the grade obtained in MPhil dissertation), will get another opportunity to enroll for the PhD programme as per the SAU rules. Students with CGPA of less than 6.5 will leave the university with an MPhil degree.
- Students with a CGPA of 6.5 and above will be considered for direct admission to the PhD programme as per SAU regulations. Such candidates, if they so wish, will also be permitted to pursue the MPhil Degree.
- Minimum residency requirement for PhD is two years after admission.
- Students pursuing a PhD degree at SAU are full-time students and are not permitted to take up any full or part-time work during the residency period.

# PROGRAMME DETAILS, MINIMUM ELIGIBILITY, TEST FORMAT AND SYLLABUS

## **FACULTY OF ECONOMICS**

## MA Economics (with specialisation in Economic Development)

This is a two-year (i.e., four semester) programme offered by the Faculty of Economics. The key objective of the programme is to provide a rigorous and up-to-date training in Economics with a special focus on Economic Development. The programme consists of required courses in Economic Theory (two each in both Microeconomics and Macroeconomics), Mathematical Methods in Economics, Statistics, Econometrics and Development Economics. There is also a choice of several elective courses that complement the programme. The programme is meticulously designed so that our students can emerge as well-rounded economists (both analytically and from a policy perspective), who can fit in comfortably, in terms of career choices, in the academia, as well as public, private and international organisations, both within the SAARC region and globally.

#### **Minimum Eligibility**

12 years of schooling + a 3 year Bachelor's degree with mathematics as a subject of study at the 10+2 (12th class) level or at the Bachelor's level or both from an institution recognised by the government of any of the SAARC countries, with a minimum of 50% marks in the aggregate or an equivalent grade. Candidates who have a 4 year Bachelor's degree or 2 year Bachelor's degree and have cleared the first year of the Master's programme are also eligible.

Since a sound knowledge of economics at the undergraduate level is necessary to cope with the Master's programme, the Entrance Test will feature questions on undergraduate level economics, mathematics and statistics.

#### Format of the MA Entrance Test Paper

- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking.
- The question paper will consist of 70 multiple choice questions carrying 1 mark each.
- All questions are compulsory.
- Questions will cover the areas of microeconomics, macroeconomics, development economics, mathematics and statistics.

## **FACULTY OF LEGAL STUDIES**

### LLM (Master of Laws)

The Faculty of Legal Studies has moved away from the traditional confines of the discipline and forge a regional response to the expansive vista of international law. Students with diverse backgrounds from the South Asian region provide an added advantage and an international experience to those who wish to explore legal scholarship beyond borders. The Master of Laws (LLM) programme which is of two years (four semester) duration is geared towards research and focuses on South Asian legal systems and their response to emerging issues in international law. Combining mainstay areas in international law and the emerging streams in this knowledge domain, it offers courses in Legal Theory and Jurisprudence, General Principles of International Law, International Trade Law, International Investment Law, Law on Transnational Contracts and Arbitration, International Human Rights Law and Humanitarian Law, International Criminal Law, Law of International Organisations, International Human Rights Law, Law of the Sea, Private International Law, Intellectual Property Law, International Settlement of Disputes, International Maritime Law, and International Environmental Law, among others. Some innovative courses such as Comparative Constitutional Law of South Asian countries and Legal Interpretation are also offered. The Research Programme includes pedagogy related to contemporary concerns in international law with a commitment to capacity building within the South Asian region by exploring a South Asian perspective on emerging issues in international law – human rights issues, concerns within economic law and transnational commerce, to name a few.

#### **Minimum Eligibility**

12 years of schooling + a 5 year integrated BA/BBA/BSc/LLB degree or 12 years of schooling + a 2 or 3 year Bachelor's degree + a 3 year LLB degree or 12 years of schooling + a 4 year LLB degree from an institution recognised by the government of any of the SAARC countries, with a minimum of 50% marks in the aggregate or an equivalent grade.

#### Format of the LLM Entrance Test

- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking.
- The question paper will consist of 70 multiple choice questions carrying 1 mark each.
- All questions are compulsory.
- Besides general knowledge, political science, geography, general science and civics of the 10+2 level; the entrance test will cover questions of LLB level including the following areas:
  - Legal Methods of Law: Jurisprudence, Analytical School of Law, Pure Theory of Law, Sociological Jurisprudence, Legal Personality and Legal Rights, Ownership, Possession and Rule of Law.

- Public International Law: Sources of International Law, Relation of International Law and Municipal Law, Principles of International Law; the Law of International Organizations.
- International Trade Law: International Humanitarian Law, Intellectual Property Law, International Environment Law, International Human Rights Law.

## FACULTY OF LIFE SCIENCES AND BIOTECHNOLOGY

## **MSc Biotechnology**

The Faculty of Life Sciences and Biotechnology offers a two-year (four semester) academic programme in MSc Biotechnology. The endeavour of the Faculty is to teach the latest concepts and research technologies and prepare students for careers in research and teaching in modern biology and biotechnology. The areas covered include Biochemistry, Cell biology, Molecular biology, Microbiology, Biostatistics, Genetic engineering, Immunology, Plant molecular biology, Environmental biotechnology, Fermentation technology, Bioinformatics, Protein engineering, Neurosciences, Cancer biology, Virology, Biochemical engineering, Structural biology, and Tissue engineering. In addition to the theory courses, a major component of our curriculum is Laboratory Techniques. Students are also offered research training in the form of two semesters M.Sc. project work.

#### **Minimum Eligibility**

12 years of schooling + a 3 year Bachelor's degree (BSc, B.Pharm, BVSc, BE, BTech, MBBS, etc.) in any area of Biological Sciences/Chemistry/Agriculture and allied sciences; Veterinary and allied sciences/Biotechnology/Biochemical Technology from an institution recognized by the government of any of the SAARC countries, with a minimum of 55% marks in aggregate or an equivalent grade. Students who have not studied Biology at the Bachelor's level must have studied and passed in Biology as a subject at the 10+2 (12th class) level. Candidates who have a 4 year Bachelor's degree or 3 year Bachelor's degree and have cleared the first year of the Master's programme are also eligible.

#### Format of the MSc Entrance Test

- The duration of the Entrance Test will be 2 hours.
- The question paper will have multiple-choice questions only.
  - Question paper will consist of 100 questions, out of which any 70 questions need to be answered.
  - Each question will carry one mark and there is NO negative marking.
  - The questions will be asked at undergraduate level from Biochemistry, Cell Biology, Molecular Biology, Immunology, Animal Sciences, Plant Sciences, Biotechnology, Microbiology, Biophysics and Biostatistics.
  - If the candidate answered more than 70 questions, answers from the first 70 questions will be considered for evaluation.



## FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

## **BTech Computer Science and Engineering**

The Department of Computer Science offers 4 years BTech in Computer Science and Engineering. The objective of this programme is to prepare skilled and capable professionals with a strong conceptual and practical background in Computer Science and Engineering. The department follows a unique up-to-date curriculum with the aim of equipping students with strong analytical and technical skills as well as thorough knowledge of and expertise in the latest state-of-the art techniques in Computer Science as well as in the interdisciplinary disciplines so that they can work competently in industry and also pursue higher studies competently.

#### Minimum Eligibility

A student must have passed the Class 12 or Higher Secondary or any equivalent qualifying examination in Science stream (having Mathematics and Physics/Chemistry as mandatory subjects) with a minimum of 75% marks in Mathematics based on education board recognized by any of the SAARC nations.

#### **Dual Degree BTech-MTech Computer Science and Engineering**

The Department of Computer Science offers a 5 years Dual Degree BTech-MTech in Computer Science and Engineering. The objective of this programme is to prepare skilled and capable professionals with higher degree in a short time span. The department follows a unique up-to-date curriculum with the aim of equipping students with strong analytical and technical skills as well as thorough knowledge of and expertise in the latest state-of-the art techniques in Computer Science as well as in the interdisciplinary disciplines so that they can work competently in diverse areas including industry, teaching and research and development.

#### **Minimum Eligibility**

A student must have passed the Class 12 or Higher Secondary or any equivalent qualifying examination in Science stream (having Mathematics and Physics/Chemistry as mandatory subjects) with a minimum of 75% marks in Mathematics based on education board recognized by any of the SAARC nations.

#### **Admission Process**

Admission Process for both BTech and Dual Degree BTech-MTech in Computer Science and Engineering:

The following admission process will be followed:

- Route 1: Merit list based on JEE Main (conducted by IITs) scores
- Route 2: Merit list based on entrance test conducted by SAU

There is a common application form for BTech and Dual Degree BTech-MTech programmes. The students can provide their preferences for both the programmes in the application form. There is the same question paper in the SAU entrance test for both the programmes. Separate merit lists will be prepared for both programmes based on the students' preferences and the marks obtained in SAU entrance test or JEE main score. In case a seat becomes vacant after withdrawal of admission by a student, the next student will be automatically switched from one programme to another based on the preference given by the student in the application form and marks in the SAU entrance test or JEE main score, and/or next student from the waiting list will be offered admission.

#### Format of the Entrance Test Paper for BTech and Dual Degree BTech-MTech

- There will be a common question paper for both the programmes.
- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking,
- The question paper will consist of 70 multiple choice questions divided as follows:

Mathematics: 30

Physics: 20

Chemistry: 20

## Syllabus for Entrance Test for Dual Degree BTech-MTech and BTech Programmes in Computer Science and Engineering

#### **MATHEMATICS**

#### Sets, Relations, and Functions

Sets and their representation: Union, intersection, and complement of sets and their algebraic properties; Power set; Relation, Type of relations, equivalence relations, functions; one-one, into and onto functions, the composition of functions.

#### **Complex Numbers and Quadratic Equations**

Complex numbers as ordered pairs of reals, Representation of complex numbers in the form a+ ib and their representation in a plane, Argand diagram, algebra of complex number, modulus, and argument (or amplitude) of a complex number, Quadratic equations in real and complex number system and their solutions Relations between roots and co-efficient, nature of roots, the formation of quadratic equations with given roots.

#### **Matrices and Determinants**

Matrices, algebra of matrices, type of matrices, determinants, and matrices of order two and three, evaluation of determinants, area of triangles using determinants, Adjoint, and evaluation of inverse of a square matrix using determinants and, Test of consistency and solution of simultaneous linear equations in two or three variables using matrices.

#### **Permutations and Combinations**

The fundamental principle of counting, permutation as an arrangement and combination as section, Meaning of P(n,r) and C(n,r), simple applications.

#### **Binomial Theorem and its Simple Applications**

Binomial theorem for a positive integral index, general term and middle term, and simple applications.

#### **Sequence and Series**

Arithmetic and Geometric progressions, insertion of arithmetic, geometric means between two given numbers, Relation between A.M and G.M.

#### Limit, Continuity, and Differentiability

Real–valued functions, algebra of functions, polynomials, rational, trigonometric, logarithmic, and exponential functions, inverse function. Graphs of simple functions. Limits, continuity, and differentiability. Differentiation of the sum, difference, product, and quotient of two functions. Differentiation of trigonometric, inverse trigonometric, logarithmic, exponential, composite, and implicit functions; derivatives of order up to two, Applications of derivatives: Rate of change of quantities, monotonic-Increasing and decreasing functions, Maxima and minima of functions of one variable

#### **Integral Calculus**

Integral as an anti-derivative, Fundamental integral involving algebraic, trigonometric, exponential, and logarithmic functions. Integrations by substitution, by parts, and by partial functions. Integration using trigonometric identities. Evaluation of simple integrals. The fundamental theorem of calculus, properties of definite integrals. Evaluation of definite integrals, determining areas of the regions bounded by simple curves in standard form.

#### **Differential Equations**

Ordinary differential equations, their order, and degree, the solution of differential equation by the method of separation of variables, solution of a homogeneous and linear differential equation.

#### **Coordinate Geometry**

Cartesian system of rectangular coordinates in a plane, distance formula, sections formula, locus, and its equation, the slope of a line, parallel and perpendicular lines, intercepts of a line on the co-ordinate axis.

#### Straight line

Various forms of equations of a line, intersection of lines, angles between two lines, conditions for concurrence of three lines, the distance of a point form a line, co-ordinate of the centroid, orthocentre, and circumcentre of a triangle,

#### Circle, conic sections

A standard form of equations of a circle, the general form of the equation of a circle, its radius and central, equation of a circle when the endpoints of a diameter are given, points of intersection of a line and a circle with the centre at the origin and sections of conics, equations of conic sections (parabola, ellipse, and hyperbola) in standard forms,

#### **Three Dimensional Geometry**

Coordinates of a point in space, the distance between two points, section formula, directions ratios, and direction cosines, and the angle between two intersecting lines. Skew lines, the shortest distance between them, and its equation. Equations of a line

#### Vector Algebra

Vectors and scalars, the addition of vectors, components of a vector in two dimensions and three-dimensional space, scalar and vector products,

#### **Statistics and Probability**

Measures of discretion; calculation of mean, median, mode of grouped and ungrouped data calculation of standard deviation, variance, and mean deviation for grouped and ungrouped data.

Probability: Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random variate

#### **Trigonometry**

Trigonometrical identities and trigonometrical functions, inverse trigonometrical functions, and their properties.

#### **PHYSICS**

#### **Physics And Measurement**

Units of measurements, System of Units, S I Units, fundamental and derived units, least count, significant figures, Errors in measurements, Dimensions of Physics quantities, dimensional analysis, and its applications.

#### **Kinematics**

The frame of reference, motion in a straight line, Position- time graph, speed and velocity; Uniform and non-uniform motion, average speed and instantaneous velocity, uniformly accelerated motion, velocity-time, position-time graph, relations for uniformly accelerated motion, Scalars and Vectors, Vector. Addition and subtraction, scalar and vector products, Unit Vector, Resolution of a Vector. Relative Velocity, Motion in a plane, Projectile Motion, Uniform Circular Motion.

#### **Laws Of Motion**

Force and inertia, Newton's First law of motion; Momentum, Newton's Second Law of motion, Impulses; Newton's Third Law of motion. Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces.

Static and Kinetic friction, laws of friction, rolling friction.

Dynamics of uniform circular motion: centripetal force and its applications: vehicle on a level circular road, vehicle on a banked road.

#### Work, Energy, And Power

Work done by a constant force and a variable force; kinetic and potential energies, work-energy theorem, power.

The potential energy of spring conservation of mechanical energy, conservative and non-conservative forces; motion in a vertical circle: Elastic and inelastic collisions in one and two dimensions.

#### **Rotational Motion**

Centre of the mass of a two-particle system, Centre of the mass of a rigid body; Basic concepts of rotational motion; moment of a force; torque, angular momentum, conservation of angular momentum and its applications;

The moment of inertia, the radius of gyration, values of moments of inertia for simple geometrical objects, parallel and perpendicular axes theorems, and their applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.

#### Gravitation

The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Kepler's law of planetary motion. Gravitational potential energy; gravitational potential. Escape velocity, Motion of a satellite, orbital velocity, time period, and energy of satellite.

#### **Properties Of Solids And Liquids**

Elastic behaviour, Stress-strain relationship, Hooke's Law. Young's modulus, bulk modulus, and modulus of rigidity. Pressure due to a fluid column; Pascal's law and its applications. Effect of gravity on fluid pressure.

Viscosity. Stokes' law. terminal velocity, streamline, and turbulent flow.critical velocity. Bernoulli's principle and its applications.

Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension - drops, bubbles, and capillary rise. Heat, temperature, thermal expansion; specific heat capacity, calorimetry; change of state, latent heat. Heat transfer-conduction, convection, and radiation.

#### **Thermodynamics**

Thermal equilibrium, zeroth law of thermodynamics, the concept of temperature. Heat, work, and internal energy. The first law of thermodynamics, isothermal and adiabatic processes.

The second law of thermodynamics: reversible and irreversible processes.

#### **Kinetic Theory of Gases**

Equation of state of a perfect gas, work done on compressing a gas, Kinetic theory of gases - assumptions, the concept of pressure. Kinetic interpretation of temperature: RMS speed of gas molecules: Degrees of freedom. Law of equipartition of energy and applications to specific heat capacities of gases; Mean free path. Avogadro's number.

#### Oscillations and Waves

Oscillations and periodic motion – time period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion (S.H.M.) and its equation; phase: oscillations of a spring -restoring force and force constant: energy in S.H.M. - Kinetic and potential energies; Simple pendulum - derivation of expression for its time period:

Wave motion: Longitudinal and transverse waves, speed of the travelling wave. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves. Standing waves in strings and organ pipes, fundamental mode, and harmonics. Beats.

#### **Electrostatics**

Electric charges: Conservation of charge. Coulomb's law forces between two point charges, forces between multiple charges: superposition principle and continuous charge distribution.

Electric field: Electric field due to a point charge, Electric field lines. Electric dipole, Electric field due to a dipole. Torque on a dipole in a uniform electric field.

Electric flux. Gauss's law and its applications to find field due to infinitely long uniformly charged straight wire uniformly charged infinite plane sheet, and uniformly charged thin spherical shell. Electric potential and its calculation for a point charge, electric dipole and system of charges; potential difference, Equipotential surfaces, Electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field.

Conductors and insulators. Dielectrics and electric polarization, capacitors and capacitances, the combination of capacitors in series and parallel, and capacitance of a parallel plate capacitor with and without dielectric medium between the plates. Energy stored in a capacitor.

#### **Current Electricity**

Electric current. Drift velocity, mobility, and their relation with electric current. Ohm's law. Electrical resistance. V-l characteristics of Ohmic and non-ohmic conductors. Electrical energy and power. Electrical resistivity and conductivity. Series and parallel combinations of resistors; Temperature dependence of resistance.

Internal resistance, potential difference, and emf of a cell, a combination of cells in series and parallel. Kirchhoff's laws and their applications. Wheatstone bridge. Metre Bridge.

#### Magnetic Effects of Current and Magnetism

Biot - Savart law and its application to the current carrying circular loop. Ampere's law and its applications to infinitely long current carrying straight wire and solenoid. Force on a moving charge in uniform magnetic and electric fields.

Force on a current-carrying conductor in a uniform magnetic field. The force between two parallel currents carrying conductors-definition of ampere. Torque experienced by a current loop in a uniform magnetic field: Moving coil galvanometer, its sensitivity, and conversion to ammeter and voltmeter.

Current loop as a magnetic dipole and its magnetic dipole moment. Bar magnet as an equivalent solenoid, magnetic field lines; Magnetic field due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole in a uniform magnetic field. Paradia- and ferromagnetic substances with examples, the effect of temperature on magnetic properties.

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#### **Electromagnetic Induction and Alternating Currents**

Electromagnetic induction: Faraday's law. Induced emf and current: Lenz's Law, Eddy currents. Self and mutual inductance. Alternating currents, peak and RMS value of alternating current/voltage: reactance and impedance: LCR series circuit, resonance: power in AC circuits, wattless current. AC generator and transformer.

#### **Electromagnetic Waves**

Displacement current. Electromagnetic waves and their characteristics, Transverse nature of electromagnetic waves, Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet. X-rays. Gamma rays), Applications of e.m. waves.

#### **Optics**

Reflection of light, spherical mirrors, mirror formula. Refraction of light at plane and spherical surfaces, thin lens formula, and lens maker formula. Total internal reflection and its applications. Magnification. Power of a Lens. Combination of thin lenses in contact. Refraction of light through a prism. Microscope and Astronomical Telescope (reflecting and refracting) and their magnifying powers.

Wave optics: wavefront and Huygens' principle. Laws of reflection and refraction using Huygens principle. Interference, Young's double-slit experiment, and expression for fringe width, coherent sources, and sustained interference of light. Diffraction due to a single slit, width of central maximum. Polarization, plane-polarized light: Brewster's law, uses of plane-polarized light and Polaroid.

#### **Dual Nature of Matter and Radiation**

Dual nature of radiation. Photoelectric effect. Hertz and Lenard's observations; Einstein's photoelectric equation: particle nature of light. Matter waves-wave nature of particle, de Broglie relation.

#### Atoms and Nuclei

Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum. Composition and size of nucleus, atomic masses, Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number, nuclear fission, and fusion.

#### **Electronic Devices**

Semiconductors; semiconductor diode: I-V characteristics in forward and reverse bias; diode as a rectifier; I-V characteristics of LED. the photodiode, solar cell, and Zener diode; Zener diode as a voltage regulator. Logic gates (OR. AND. NOT. NAND and NOR).

#### **CHEMISTRY**

#### **Physical Chemistry**

#### Some Basic Concepts in Chemistry

Matter and its nature, Dalton's atomic theory: Concept of atom, molecule, element, and compound: Laws of chemical combination; Atomic and molecular masses, mole concept, molar mass, percentage composition, empirical and molecular formulae: Chemical equations and stoichiometry.

#### **Atomic Structure**

Nature of electromagnetic radiation, photoelectric effect; Spectrum of the hydrogen atom. Bohr model of a hydrogen atom - its postulates, derivation of the relations for the energy of the electron and radii of the different orbits, limitations of Bohr's model; Dual nature of matter, de Broglie's relationship. Heisenberg uncertainty principle. Elementary ideas of quantum mechanics, quantum mechanics, the quantum mechanical model of the atom, and its important features. Concept of atomic orbitals as one-electron wave functions: Variation of and <sup>2</sup> with r for 1s and 2s orbitals; various quantum numbers (principal, angular momentum, and magnetic quantum numbers) and their significance; shapes of s, p, and d - orbitals, electron spin, and spin quantum number: Rules for filling electrons in orbitals – Aufbau principle. Pauli's exclusion principle and Hund's rule, electronic configuration of elements, and extra stability of half-filled and completely filled orbitals.

#### **Chemical Bonding and Molecular Structure**

Kossel-Lewis approach to chemical bond formation, the concept of ionic and covalent bonds.

lonic Bonding: Formation of ionic bonds, factors affecting the formation of ionic bonds; calculation of lattice enthalpy.

Covalent Bonding: Concept of electronegativity. Fajan's rule, dipole moment: Valence Shell Electron Pair Repulsion (VSEPR) theory and shapes of simple molecules.

Quantum mechanical approach to covalent bonding: Valence bond theory - its important features, the concept of hybridization involving s, p, and d orbitals; Resonance.

Molecular Orbital Theory - Its important features. LCAOs, types of molecular orbitals (bonding, antibonding), sigma and pi-bonds, molecular orbital electronic configurations of homonuclear diatomic molecules, the concept of bond order, bond length, and bond energy.

Elementary idea of metallic bonding. Hydrogen bonding and its applications.

#### **Chemical Thermodynamics**

Fundamentals of thermodynamics: System and surroundings, extensive and intensive properties, state functions, Entropy, types of processes.

The first law of thermodynamics - Concept of work, heat internal energy and enthalpy, heat capacity, molar heat capacity; Hess's law of constant heat summation; Enthalpies of bond dissociation, combustion, formation, atomization, sublimation, phase transition, hydration, ionization, and solution.

The second law of thermodynamics - Spontaneity of processes; S of the universe and G of the system as criteria for spontaneity. G° (Standard Gibbs energy change) and equilibrium constant.

#### **Solutions**

Different methods for expressing the concentration of solution - molality, molarity, mole fraction, percentage (by volume and mass both), the vapour pressure of solutions and Raoult's Law - Ideal and non-ideal solutions, vapour pressure - composition, plots for ideal and non-ideal solutions; Colligative properties of dilute solutions - a relative lowering of vapour pressure, depression of freezing point, the elevation of boiling point and osmotic pressure; Determination of molecular mass using colligative properties; Abnormal value of molar mass, Van't Hoff factor and its significance.

#### **Equilibrium**

Meaning of equilibrium is the concept of dynamic equilibrium.

Equilibria involving physical processes: Solid-liquid, liquid-gas - gas and solid-gas equilibria, Henry's law. General characteristics of equilibrium involving physical processes.

Equilibrium involving chemical processes: Law of chemical equilibrium, equilibrium constants  $(K_{\rho} \text{ and } K_{c})$  and their significance, the significance of G and G° in chemical equilibrium, factors affecting equilibrium concentration, pressure, temperature, the effect of catalyst; Le Chatelier's principle.

lonic equilibrium: Weak and strong electrolytes, ionization of electrolytes, various concepts of acids and bases (Arrhenius. Bronsted - Lowry and Lewis) and their ionization, acid-base equilibria (including multistage ionization) and ionization constants, ionization of water. pH scale, common ion effect, hydrolysis of salts and pH of their solutions, the solubility of sparingly soluble salts and solubility products, and buffer solutions.

#### **Redox Reactions and Electrochemistry**

Electronic concepts of oxidation and reduction, redox reactions, oxidation number, rules for assigning oxidation number, and balancing of redox reactions.

Electrolytic and metallic conduction, conductance in electrolytic solutions, molar conductivities and their variation with concentration: Kohlrausch's law and its applications.

Electrochemical cells - Electrolytic and Galvanic cells, different types of electrodes, electrode potentials including standard electrode potential, half-cell and cell reactions, emf of a Galvanic cell and its measurement: Nernst equation and its applications; Relationship between cell potential and Gibbs' energy change: Dry cell and lead accumulator; Fuel cells.

#### **CHEMICAL KINETICS**

Rate of a chemical reaction, factors affecting the rate of reactions: concentration, temperature, pressure, and catalyst; elementary and complex reactions, order and molecularity of reactions, rate law, rate constant and its units, differential and integral forms of zero and first-order reactions, their characteristics and half-lives, the effect of temperature on the rate of reactions, Arrhenius theory, activation energy and its calculation, collision theory of bimolecular gaseous reactions (no derivation).

#### **INORGANIC CHEMISTRY**

#### Classification of Elements and Periodicity in Properties

Modem periodic law and present form of the periodic table, s, p. d and f block elements, periodic trends in properties of elements atomic and ionic radii, ionization enthalpy, electron gain enthalpy, valence, oxidation states, and chemical reactivity.

#### **P- Block Elements**

Group -13 to Group 18 Elements

General Introduction: Electronic configuration and general trends in physical and chemical properties of elements across the periods and down the groups; unique behaviour of the first element in each group.

#### d - and f- Block Elements

Transition Elements

General introduction, electronic configuration, occurrence and characteristics, general trends in properties of the first-row transition elements - physical properties, ionization enthalpy, oxidation states, atomic radii, colour, catalytic behaviour, magnetic properties, complex formation, interstitial compounds, alloy formation; Preparation, properties, and uses of K2Cr2O7, and KMnO4.

Inner Transition Elements

Lanthanoids - Electronic configuration, oxidation states, and lanthanoid contraction.

Actinoids - Electronic configuration and oxidation states.

#### **Co-ordination Compounds**

Introduction to coordination compounds. Werner's theory; ligands, coordination number, denticity. chelation; IUPAC nomenclature of mononuclear co-ordination compounds, isomerism; Bonding-Valence bond approach and basic ideas of Crystal field theory, colour and magnetic properties; Importance of co-ordination compounds (in qualitative analysis, extraction of metals, and in biological systems).

#### **ORGANIC CHEMISTRY**

#### Purification and Characterisation of Organic Compounds

Purification - Crystallization, sublimation, distillation, differential extraction, and chromatography-principles and their applications.

Qualitative analysis - Detection of nitrogen, sulphur, phosphorus, and halogens.

Quantitative analysis (basic principles only) - Estimation of carbon, hydrogen, nitrogen, halogens, sulphur, and phosphorus.

Calculations of empirical formulae and molecular formulae: Numerical problems in organic quantitative analysis,

#### Organic Compounds Containing Halogens

General methods of preparation, properties, and reactions; Nature of C-X bond; Mechanisms of substitution reactions.

Uses; Environmental effects of chloroform, iodoform freons, and DDT.

#### **Organic Compounds Containing Oxygen**

General methods of preparation, properties, reactions, and uses.

#### Alcohols, Phenols, and Ethers

Alcohols: Identification of primary, secondary, and tertiary alcohols: mechanism of dehydration.

**Phenols:** Acidic nature, electrophilic substitution reactions: halogenation. nitration and sulphonation. Reimer-Tiemann reaction.

Ethers: Structure.

**Aldehyde and Ketones:** Nature of carbonyl group; Nucleophilic addition to >C=O group, relative reactivities of aldehydes and ketones; Important reactions such as - Nucleophilic addition reactions (addition of HCN. NH<sub>3</sub>, and its derivatives), Grignard reagent; oxidation: reduction (Wolf Kishner and Clemmensen); the acidity of -hydrogen. aldol condensation, Cannizzaro reaction. Haloform reaction, Chemical tests to distinguish between aldehydes and Ketones.

Carboxylic Acids

Acidic strength and factors affecting it,

#### **Organic Compounds Containing Nitrogen**

General methods of preparation. Properties, reactions, and uses.

Amines: Nomenclature, classification structure, basic character, and identification of primary, secondary, and tertiary amines and their basic character.

Diazonium Salts: Importance in synthetic organic chemistry.

#### **Biomolecules**

General introduction and importance of biomolecules.

CARBOHYDRATES - Classification; aldoses and ketoses: monosaccharides (glucose and fructose) and constituent monosaccharides of oligosaccharides (sucrose, lactose, and maltose).

PROTEINS - Elementary Idea of -amino acids, peptide bond, polypeptides. Proteins: primary, secondary, tertiary, and quaternary structure (qualitative idea only), denaturation of proteins, enzymes.

VITAMINS - Classification and functions.

NUCLEIC ACIDS – Chemical constitution of DNA and RNA. Biological functions of nucleic acids.

Hormones (General introduction)

#### **MTech Computer Science**

MTech (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems; is a two years (four semester) full time Master's degree programme offered by the Department of Computer Science. The programme has dedicated two semesters of dissertation with an objective to inculcate and refine research attitude of students. The research project will be under the close supervision of faculty members and equip students to work in R&D institutions, industry or pursue a career in research in academia in future.

#### **Minimum Eligibility**

A 4-year BTech/BE/BSc (Engg.)/BS degree in Computer Science and Engineering or a relevant area\* from an institution recognised by the government of any of the SAARC countries with a minimum of 55% marks in the aggregate or an equivalent grade.

#### OR

A Master's degree in Computer Science/ Computer Applications/ Mathematics/ Operational Research/ Statistics/ Electronics/ Information Technology/ Physics an institution recognised by the government of any of the SAARC countries with a minimum of 55% marks in the aggregate or an equivalent grade level.

#### \*Indicative List of Relevant Areas:

- 1. Computer Science
- 2. Computer Engineering
- 3. Information Technology
- 4. Any other Science/Engineering areas having at least one-fifth Computer Science courses

#### **Admission Process**

The admission to the programme is through two routes:

- 1. Route 1: Merit list based on GATE (conducted by IITs) scores.
- 2. Route 2: Merit list based on entrance test conducted by SAU.
- 3. Format of the Entrance Test Paper
- 4. The duration of the Entrance Test will be 2 hours,
- 5. The question paper will consist of 70 multiple choice questions,
- 6. There will be no negative marking,
- 7. Calculators will not be allowed, However, Log Tables, if required, may be used.

#### Syllabus for Entrance Test

Discrete Mathematics: Propositional and first order logic, Sets, relations, functions, partial orders and lattices, Monoids, Groups, Graphs: connectivity, matching, coloring, Combinatorics: counting, recurrence relations, generating functions.

**Linear Algebra:** Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.

Calculus: Limits, continuity and differentiability, Maxima and minima, Mean value theorem, Integration.

**Probability and Statistics:** Random variables, Uniform, normal, exponential, Poisson and binomial distributions, Mean, median, mode and standard deviation, Conditional probability and Bayes theorem.

**Digital Logic:** Boolean algebra, Combinational and sequential circuits, Minimization, Number representations and computer arithmetic (fixed and floating point).

**Computer Organization and Architecture:** Machine instructions and addressing modes, ALU, data-path and control unit, Instruction pipelining, pipeline hazards, Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

**Programming and Data Structures:** Programming in C, Recursion, Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

**Algorithms:** Searching, sorting, hashing, Asymptotic worst case time and space complexity, Algorithm design techniques: greedy, dynamic programming and divide-and-conquer, Graph traversals, minimum spanning trees, shortest paths.

**Theory of Computation:** Regular expressions and finite automata, Context-free grammars and push-down automata, Regular and context-free languages, pumping lemma, Turing machines and undecidability.

**Operating Systems:** System calls, processes, threads, inter-process communication, concurrency and synchronization, Deadlock, CPU and I/O scheduling, Memory management and virtual memory, File systems.

**Databases:** ER-model, Relational model: relational algebra, SQL, Integrity constraints, normal forms, File organization and indexing, Transactions and concurrency control.

Computer Networks: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit-switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP, TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

#### **MSc Computer Science**

MSc (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems; is a two year (four semester) full time Master's degree programme offered by the Department of Computer Science, comprising courses in different areas of Computer Science. The objective of this programme is to prepare skilled and capable professionals with a strong conceptual and practical background in Computer Science. The department follows a unique up-to-date curriculum with the aim of equipping students with strong analytical and technical skills as well as thorough knowledge of and expertise in the latest state-of-the art techniques in Computer Science. Besides having a good mix of theoretical and lab-oriented computer courses, the MSc (Computer Science) programme has a project component which provides an opportunity to develop solution of some practical problem.

#### Integrated MSc + MTech Computer Science

Integrated MSc + MTech (Computer Science) with an option for specialization in Artificial Intelligence & Machine Learning, and Advanced Networks & Systems; is a three years (six semester) full time Master's degree programme offered by the Department of Computer Science. The programme saves one year of the students intending to acquire MTech degree. The programme has dedicated two semesters of dissertation with an objective to inculcate and refine research attitude of students.

#### Minimum Eligibility for MSc/Integrated MSc + MTech

 A 3 or 4-year Bachelor's degree in Computer Science or a relevant area\* with Mathematics as a subject either at the Bachelor's level or at the 10+2 (12th class) level from an institution recognised by the government of any of the SAARC countries with a minimum of 55% marks in the aggregate or an equivalent grade. Candidates who have a 2-year Bachelor's degree and have cleared the first year of the Master's programme are also eligible.

- \*Indicative List of Relevant Areas:
- Computer Science and Engineering
- Computer Engineering
- Computer Applications
- Information Technology
- Any other Science/Engineering areas having at least one-fifth Computer Science courses

#### **Admission Process**

Admission to MSc programme and integrated MSc + MTech programme is through SAU entrance test. There is a common application form for MSc and integrated MSc + MTech programmes. The students can provide their preferences for both the programmes in the application form. For both the programmes, the entrance test will have the same question paper. Separate merit lists will be prepared for both programmes based on the students

preferences and the marks obtained in SAU entrance test. In case a seat becomes vacant after withdrawal of admission by a student, the next student will be automatically switched from one programme to another based on the preference given by student in the application form and marks in the entrance test, and/or next student from the waiting list will be offered admission, and/or next student from the waiting list will be offered admission.

#### Format of the Entrance Test for MSc and Integrated MSc + MTech

- There will be a common question paper for both the programmes.
- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking,
- The question paper will consist of 70 multiple choice questions.

#### Entrance Test Syllabus for MSc and Integrated MSc + MTech Computer Science

**Set Theory and Algebra:** Sets, Relations, Functions, Boolean Algebra

**Combinatorics:** Permutations, Combinations, Counting, Summation, Binomial Theorem, Exponential Series, Basics of Probability & Statistics

**Matrix:** Basic Concepts, Types of Matrices, Determinants, Transpose, Inverse and Rank of a Matrix, Matrix Algebra, Systems of Linear Equations

**Calculus:** Limit, Continuity and Differentiability, Mean Value Theorems, Theorems of Integral Calculus, Evaluation of Definite and Improper Integrals, Partial Derivatives, Total Derivatives, Maxima and Minima

**Programming in C:** Elements of C, Identifiers, Data Types, Operators, Control Structures, Arrays, Structure and Union, Bit-fields, Strings, Pointers, Functions, Storage Class, Recursion, File Handling

**Data Structures & Algorithms:** Elementary Concepts of List, Stack, Queue, Tree and Graph, Space and Time Complexity Analysis, Sorting and Searching Techniques, Hashing and Collision Resolution

**Database Management System:** Basic Concepts, Attributes, Entity and Relationships, ER Diagram, Database Decomposition and Normalization, Database Constraints, Relational Algebra, SQL

**Digital Logic and Computer Architecture:** Number System, Data Representation, Compliments, Computer Arithmetic, Logic Gates, Combinational and Sequential Circuits, Computer Organization, Instruction Formats and Addressing Modes, Memory Organization and I/O Interfaces

**Computer Networks:** Introduction to Computer Networks, Transmission Media, Transmission Modes, Network Types and Topologies, Basic Concepts of MAC and IP Address, Reference Models: OSI & TCP/IP

**Operating System:** Overview of OS, Functionalities and Characteristics of OS, Process and Process States, Threads, CPU Scheduling and Algorithms, Deadlock Handling, Memory Management, Memory Allocation Strategies, Virtual Memory and Page Fault

## Department of Mathematics MSc Applied Mathematics

The Department of Mathematics offers a 2-year MSc in Applied Mathematics. The programme consists of core topics in Algebra and Analysis while the reinforcement in the application areas such as Analytical and Computational methods for Differential and Integral Equations, Numerical Analysis, Graph Theory and Networks, Optimization, Probability and Statistics, Computational Fluid Dynamics, Financial Derivatives and Modelling. The department has its own state-of-the-art Computational Laboratory that ensures high quality of research work. The laboratory based courses train students in application oriented practical subjects. Students are exposed to advanced research topics through electives and a mandatory one year project. Regular visits by academicians from India and abroad to the department ensure a collaborative research environment.

#### **Minimum Eligibility**

Bachelor's degree in any subject and has studied at least 2 courses each of one year duration or 4 courses each of one semester duration in Mathematics from an Institution recognized by the government of any of the SAARC countries, with a minimum of 55% marks in aggregate or an equivalent grade.

#### Format of the MSc Applied Mathematics Entrance Test

- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking.
- The question paper will consist of 70 multiple choice questions carrying 1 mark each.
- All questions are compulsory.
- Calculators will not be allowed. However, Log Tables, if required, may be used.

#### **Syllabus for Entrance Test**

Calculus and Analysis: Limit, continuity, uniform continuity and differentiability; Bolzano Weierstrass theorem; mean value theorems; tangents and normal; maxima and minima; theorems of integral calculus; sequences and series of functions; uniform convergence; power series; Riemann sums; Riemann integration; definite and improper integrals; partial derivatives and Leibnitz theorem; total derivatives; Fourier series; functions of several variables; multiple integrals; line; surface and volume integrals; theorems of Green; Stokes and Gauss; curl; divergence and gradient of vectors.

**Algebra:** Basic theory of matrices and determinants; groups and their elementary properties; subgroups, normal subgroups, cyclic groups, permutation groups; Lagrange's theorem; quotient groups; homomorphism of groups; isomorphism and correspondence theorems; rings; integral domains and fields; ring homomorphism and ideals; vector space, vector subspace, linear independence of vectors, basis and dimension of a vector space.

**Differential equations:** General and particular solutions of ordinary differential equations (ODEs); formation of ODE; order, degree and classification of ODEs; integrating factor and linear equations; first order and higher degree linear differential equations with constant

coefficients; variation of parameter; equation reducible to linear form; linear and quasi-linear first order partial differential equations (PDEs); Lagrange and Charpits methods for first order PDE; general solutions of higher order PDEs with constant coefficients.

**Numerical Analysis:** Computer arithmetic; machine computation; bisection, secant; Newton-Raphson and fixed point iteration methods for algebraic and transcendental equations; systems of linear equations: Gauss elimination, LU decomposition, Gauss Jacobi and Gauss Siedal methods, condition number; Finite difference operators; Newton and Lagrange interpolation; least square approximation; numerical differentiation; Trapezoidal and Simpsons integration methods.

**Probability and Statistics:** Mean, median, mode and standard deviation; conditional probability; independent events; total probability and Baye's theorem; random variables; expectation, moments generating functions; density and distribution functions, conditional expectation.

**Linear Programming:** Linear programming problem and its formulation; graphical method, simplex method, artificial starting solution, sensitivity analysis, duality and post-optimality analysis.

## **FACULTY OF SOCIAL SCIENCES**

#### **MA International Relations**

A wide range of themes germane to the study of International Relations (IR) comes within the purview of the Department of International Relations. Broadly, these encompass mainstream theories, critical approaches, disciplinary histories of IR, global political economy concerns, and international normative political theory. Specifically, teaching and research is carried out by engaging in academic debates relating to security and strategic studies, peace and conflict resolution approaches, theories and practices of geopolitics with special reference to the Indian Ocean Region and Polar Regions, the study of regional and international organisations, climate change and sustainable development, and identity politics. While we are not an Area Studies Department, we share a special and abiding curiosity with regard to all facets that have a bearing on the overall texture of politics in South Asia. We encourage our Master's candidates to think through a South Asian perspective in their research.

For the Master's degree, which is a two-year (four semesters) academic programme, students are required to complete ten compulsory courses offered by the Department: International Relations Theory, History of International Relations, Comparative Politics, Political Theory, Security Studies, Global Economy, Introduction to Conflict Transformation and Peace-building, International Relations of South Asia, Research Methods, and International Organisations. In addition to these courses, the Department offers a range of optional courses in the third and fourth semesters for students to choose from. Students are also required to attend two courses outside of the ones offered by the Department:

- A four-credit course on Academic Reading and Writing over the first and second semesters (two credits per semester) of the Master's programme.
- A two-credit course on Introduction to South Asia that provides an overview of the various facets of the region. Students are also expected to write a dissertation in the fourth semester, worth eight credits.

#### **Minimum Eligibility**

12 years of schooling + a 3 year Bachelor's degree from an institution recognized by the government of any of the SAARC countries, with a minimum of 50% marks in the aggregate or an equivalent grade. Candidates who have a 4-year Bachelor's degree or 2 year Bachelor's degree and have cleared the first year of the Master's programme are also eligible.

#### Format of the MSc Entrance Test Paper

- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking.
- The question paper will consist of 70 multiple choice questions carrying 1 mark each.
- All questions are compulsory.
- The question paper will test the applicant's understanding of the subject area and his or her general awareness about South Asia and the world.

### **MA Sociology**

MA Sociology is a two-year (four semester) programme offering a combination of compulsory and optional courses which introduce students to sociological and anthropological theories, contemporary social theory, as well as debates on thematic issues in sociology and social anthropology, enabling students to analyse social phenomena. The context, which will constitute a constant reference point for students, will be that of South Asian societies.

The programme also offers two courses in dissertation writing spread over two semesters. At the end of the second semester, students choose a theme for research and work closely with a faculty member towards writing a dissertation. The pedagogical processes involved are innovative not only in terms of using new modes of teaching-learning but also in terms of taking up new and contemporary issues and phenomena.

The courses offered in the Master's programme are unique in the sense that they develop a sociological sense of the societies in the region and thus allow students to widen their horizons of understanding. This gives our programme an edge over other sociology courses in the region.

In addition to the curricular component, the Master's programme also includes a variety of extra-curricular activities such as conversations, cinema-discussions, blogging and exhibitions, etc. The idea behind this culturally rich programme is to provide a holistic education in which sociology, culture, politics and everyday life come together.

#### **Minimum Eligibility**

12 years of schooling + a 3-year Bachelor's degree from an institution recognized by the government of any of the SAARC countries in any discipline, with a minimum of 50% marks in the aggregate or an equivalent grade. Candidates who have a 4 year Bachelor's degree or 2 year Bachelor's degree and have cleared the first year of the Master's programme are also eligible.

#### Format of the MA Entrance Test

- The duration of the Entrance Test will be 2 hours.
- There will be no negative marking.
- The question paper will consist of 70 multiple choice questions carrying 1 mark each.
- All questions are compulsory.
- The question paper will consist of multiple choice questions that will test the applicant's
  understanding of the subject area and his or her general awareness about South Asia
  and the world.

#### **Total Intake**

The total number of seats for BTech (CSE) and BTech Dual Degree (CSE) Programmes are given below:

Details	Intake
Btech Computer Science & Engineering	90 India (Route 1 - 40 & Route 2 - 5) Other SAARC Countries (Route 2 - 45)
Dual Degree BTech-MTech Computer Science & Engineering	30 India (Route 1 - 12 & Route 2 - 3) Other SAARC Countries (Route 2 - 15)

<sup>\*</sup>Note: The allocation of seats under each category is flexible. If no applicant meets required selection criteria, then the applicant from another category will be offered the seat.

The total number of seats for each Master's Programme is given below:

Details	Intake
Msc Computer Science	20
Mtech in Computer Science	30
Integrated MSc + Mtech	20
All other Master's Programmes	80/90

For PhD Programmes, the total number of seats varies for each Faculty/Department. The total intake for PhD Programmes for both Direct and Entrance Test Modes for this year is given below:

Sl.No	Programme	Direct Mode	Entrance Test Mode
1	Biotechnology	10	6
2	Computer Science	6	6
3	Economics	1	6
4	International Relations	6	6
5	Legal Studies	3	3
6	Mathematics	5	6
7	Sociology	6	5

#### **Country-Wise Quota**

- Not more than 50% of the students will be admitted from the host country (India).
   At least 4% of seats are reserved for applicants from each of the five countries:
   Afghanistan, Bhutan, Maldives, Nepal and Sri Lanka, provided they fulfil the admission criteria.
- At least 10% of seats are reserved for applicants from each of the countries: Pakistan and Bangladesh, provided they fulfil the admission criteria.

- 10% seats may be allotted to applicants from outside the SAARC region.
- Merit lists will be prepared country-wise and the competition will only be amongst candidates within each country.
- If the seats allocated to a particular country are not filled, they will be allocated to students from other countries, as per SAU rules.

#### Admission Procedure for Nationals of Non-SAARC Countries

- Candidates from outside the SAARC region do not have to take an Entrance Test and will be admitted on the basis of their past performance.
- All such candidates need to fill an online form and upload all supporting documents including educational records, identity proof and a colour photograph.
- The last date to apply is 31 March 2024.
- Each application will be scrutinized by the concerned faculty to determine the eligibility of the candidate and the decision of the university will be final in this regard.
- These students are not eligible for any scholarships/freeships offered by the university and will be liable to pay US\$ 4500 per semester (US \$9000 per year) for day scholars, payable in July, January each year. To know more about fee, go to Tuition and other fee.

#### **Application Fee, Date and Test Centres**

The fee for appearing in the Entrance Test is US \$10 or INR 830. Applications for admission will be accepted only online and payment must also be made through online mode. A computer-based Entrance Test will be conducted simultaneously throughout the SAARC region on 20 and 21 April 2024 as per the schedule.

Physically challenged candidates or those with special needs, should write to the university separately with a copy of their disability certificate so that special arrangements can be made for them. They will be allowed up to an extra 60 minutes to complete the test after due approvals on a case-to-case basis. Such students are required to apply for permission in advance with documentary evidence.

The schedule of the Entrance Test is spread over two days, three sessions each, as given below. A student can register for as many tests as s/he pleases subject to fulfilling the eligibility criteria and as long as the Entrance Test timings do not clash.

Dedicated test centres throughout SAARC countries are chosen for the entrance test. Check the university website for the test centres.

#### Student Visa

Overseas students admitted to the South Asian University are issued a special category student visa with SAU endorsement. Students selected for admission must approach the Indian Embassy/ High Commission in their respective countries with the Admission Letter for issuance of this visa. Students from Bhutan and Nepal do not require a visa. However, the offer of admission will be withdrawn if students are not able to obtain the visas and join their course by the last date of admission which is 14 August 2024

#### **Tuition and other Fees**

Head	SAARC Students	Non-SAARC Students
Tuition Fee	To be announced soon	To be announced soon
BTech	To be announced soon	To be announced soon
Dual (Btech + MTech)	To be announced soon	To be announced soon
MTech	To be announced soon	To be announced soon
Integrated (MSc + MTech)	To be announced soon	To be announced soon
Tuition Fee Other Master's Degree Programmes	US\$ 440 per semester (US\$ 880 per year) for day scholars, payable in July & January each year.	US\$ 4500 per semester (US\$ 9000 per year) for day scholars, payable in July & January each year.
	US\$ 500 per semester (US\$ 1000 per year) for boarders, payable in July & January each year.	US\$ 5100 per semester (US\$ 10200 per year) for boarders, payable in July & January each year.
Admission Fee	US\$ 100 (payable only once at the time of entering SAU)	US\$ 100 (payable only once at the time of entering SAU)
Security Deposit (Refundable)*	US\$ 100	US\$ 100
Students' Aid Fund	INR 50 per semester	INR 50 per semester

### Withdrawal of Admission and Refund Policy

- If, after having paid the fees, a candidate withdraws from the programme up to ten days before the commencement of the Monsoon Semester, s/he will be eligible for refund of all deposits/fees paid after a deduction of USD 100. Effective date is 19 July 2024.
- Thereafter, if s/he withdraws from the programme up to the commencement of the Monsoon Semester s/he will be eligible for refund of all deposits/fees paid after a deduction of USD 200. Effective date is 29 July 2024.
- Candidates withdrawing after the commencement of the Monsoon Semester i.e. after 29 July 2024 shall not be eligible for any refund of deposits/fees paid except security deposit.
- If a candidate who has been given admission pending the declaration of his/her result is unable to meet the admission criteria on declaration of the result, he/she will be entitled to refund of all deposits/fees paid without any deductions.

## SCHOLARSHIPS AND FINANCIAL ASSISTANCE

The South Asian University provides financial support in terms of various scholarships and freeships. At present, it provides SAU President Scholarship, SAARC-India Silver Jubilee Scholarship (SJS), SAU Merit Scholarship, SAU PhD Scholarship, SAU Freeship with Stipend, and SAU Freeship. At the time of admission, all Master's students will have to pay the tuition fee along with other applicable fees to secure admission. However, the tuition fee will be refunded to all scholarship/freeship awardees after the issuance of the scholarship/freeship notification. For registering in the successive semesters, the scholarship/freeship awardees are not required to pay any tuition fee provided they meet the renewal criteria as prescribed in the respective category of scholarship/freeship given below. However, they will be required to pay other applicable fees as and when notified by the Admissions & Examinations section to complete their registration. PhD students need not pay tuition fee throughout their studies.

Further details about the above-mentioned scholarships/freeships and eligibility criteria for awarding to different categories of students are given in the following sections.

The Scholarship/Financial Support/Freeship Policy for the Academic Year 2024-25 will be announced shortly.

Details about the above-mentioned scholarships/freeships and eligibility criteria for awarding to different categories of students as per the previous Academic Year (2023-24)'sScholarship/Financial Support/Freeship Policy are given in the following sections for reference.

#### 1. SAU President Scholarship

There are two SAU President Scholarships for each Master's programme one each for Indian and non-Indian students who have secured the highest rank in SAU Entrance Test in the respective category of the programme. The SAU President Scholarship is transferable within the respective category and programme; that is, if the first rank holder does not join the programme, it would be offered to the second rank holder; if the second rank holder also does not join the programme, it would be offered to the third rank holder, and so on.

#### 1.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 7,000A start-up allowance of INR 5,000 for Indian students and INR 10,000 for non-Indian students at the beginning of the tenure so as to meet part of their inbound travel cost and book purchases etc.
- A pack-up allowance of INR 5,000 for Indian students and INR 10,000 for non-Indian students at the end of the tenure to cover their outbound travel including any excess baggage cost, etc.

#### 1.2 Renewal Criteria

The President Scholarship shall be renewed for the second year provided the awardees secure a minimum CGPA of 5.5 for science streams (Biotechnology, Computer Science and Mathematics) and 5.0 for non-science streams (Economics, Sociology, International Relations and Law) at the end of 2nd Semester.

#### 2. SAARC India Silver Jubilee Scholarship (SJS)

There are 75 SJS for Master's students (for both the first year and the second year combined) from the beneficiary member states, which include Afghanistan, Bangladesh, Bhutan, Maldives, Sri Lanka and Nepal (SJS Eligible Countries). Out of these, 50% scholarships are reserved for women candidates. However, if there are not enough women candidates, then the remaining scholarships can be awarded to the male candidates. Moreover, the Ministry has the discretion to award 20% of the scholarships to students of its choice from existing SAU students and those selected for admission to SAU.

The available SJS scholarships are divided into two parts: 50% each for male and female candidates. Thereafter, each part is distributed among all SJS Eligible Countries in proportion to the number of admitted candidates from these countries. Finally, the scholarship share of a particular SJS Eligible Country is awarded to the candidates of that country, distributing uniformly among the respective Master's Programmes in a cyclic manner.

Award of SJS is subject to the concurrence and approval of the Ministry of External Affairs, Govt of India

#### 2.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 7,000
- A start-up allowance of INR 10,000 at the beginning of the tenure so as to meet part of their inbound travel cost and book purchases etc.
- A pack-up allowance of INR 10,000 at the end of the tenure to cover their outbound travel including any excess baggage cost, etc.

#### 2.2 Renewal Criteria

The SJS shall be renewed before the beginning of the 3rd semester only provided the awardees have secured the required CGPA at the end of the 2nd semester as prescribed by the Ministry of External Affairs, Govt. of India.

#### 3. SAU Merit Scholarship

There are TWO SAU Merit Scholarships for each Master's programme. These scholarships are given to the Indian and non-Indian students who have secured the highest rank in the respective merit-list of SAU Entrance Test among the remaining students after awarding the SAU President scholarship and the SAARC-India Silver Jubilee Scholarship. Like the SAU President Scholarship, the SAU Merit Scholarship is also transferable within the respective category and programme.

#### 3.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 5,000

#### 3.2 Renewal Criteria

The SAU Merit Scholarship shall be renewed for second year provided the awardees secure a minimum CGPA of 5.0 for the science streams (Biotechnology, Computer Science and Mathematics) and 4.5 for the non-science streams (Economics, Sociology, International Relations and Law) at the end of second Semester.

#### 4. SAU Freeship with Stipend

Due to the COVID pandemic and financial hardships faced by the students, SAU has a policy with regard to awarding freeships with stipend to students from economically weaker families. However, due to the limited number of such freeships, it is not guaranteed that all applicants will necessarily receive a freeship with stipend. There are FOUR Freeship with Stipend for each Master's programme. Out of these, two are given to the Indian students and two to the non-Indian students who have applied for the same and whose annual family income is below a certain amount, which would be determined by the Scholarship/Freeship Award Committee from time to time. The SAU Freeship with Stipend is transferrable across Faculties/Departments/ Countries in the event of non-availability of eligible candidates from any Faculty/ Department/ Country. The students will be notified to apply for the SAU Freeship with Stipend on a prescribed form after joining the university and would need to provide the family income certificate issued by the competent authority of the respective SAARC countries.

#### **4.1 Scope**

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 5,000

#### 4.2 Renewal Criteria

The SAU Freeship with stipend shall be renewed for the second year provided the awardees have secured a minimum CGPA of 4.5 for the science streams (Biotechnology, Computer Science and Mathematics) and 4.0 for the non-science streams (Economics, Sociology, International Relations and Law) at the end of second semester

#### 5. SAU Freeship

The SAU has a policy with regard to awarding freeships to students from economically weaker families. However, due to limited number of freeships, it is not guaranteed that all applicants will necessarily receive a freeship. There are SIX Freeships for each Master's programme of SAU. Out of these, three are given to the Indian students and three to the non-Indian students

who have applied for the same and whose annual family income is below a certain amount, which would be determined by the Scholarship/Freeship Award Committee from time to time. The SAU Freeship is transferrable across Faculties/Departments/Countries in the event of non-availability of eligible candidates from any Faculty/Department/Country. The students will be notified to apply for the SAU Freeship on a Prescribed Form after joining the university and would need to provide the family income certificate issued by the competent authority of the respective SAARC countries.

#### 5.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver

#### 5.2 Renewal Criteria

The SAU Freeship shall be renewed for the second year provided the awardees have secured a minimum CGPA of 4.5 for the science streams (Biotechnology, Computer Science and Mathematics) and 4.0 for the non-science streams (Economics, Sociology, International Relations and Law) at the end of second semester.

#### General Terms and Conditions for Master's Students

- I The Scholarships/Freeships are offered to the Master students only and at the beginning of the first semester.
- ii If a student is a recipient of any other scholarship/fellowship/financial assistance through any source recognized by the government of any SAARC country or if the student is employed and receiving salary from the parent institution/organization, then s/he is not eligible for any of the Scholarships/Freeships offered by SAU. Non-disclosure of any such information will constitute an offense and the student will be liable for withdrawal of the fellowship/freeship, refund of the scholarship/freeship amount already paid and disciplinary action as decided by the university.
- iii All the Scholarships/Freeships will be effective from the date of the commencement of the Monsoon semester or the date of admission to the programme, whichever is later.
- iv The maximum duration of all the Scholarships/Freeships is 22 months from its initiation date or the date when the 4th semester examinations get over, whichever is earlier.
- v Initially, the Scholarships/Freeships will be offered for a maximum of 10 months from the date of its initiation or till the 2nd semester examination gets over, whichever is earlier. Thereafter, it will continue for the remaining period of study subject to the fulfilment of the prescribed renewal criteria.
- vi At SAU, the students need to register in each semester. A student shall become eligible to receive any scholarship/freeship in the new semester only after his/her registration to that semester. No scholarship/financial support will be paid for the period during which a student was not registered, i.e., from the last date notified for registration to the date when

- he/she actually registers after paying all dues including late fees etc., except when he/she could not register in time as he/she was assigned field trip/work by the Department/Faculty as per the relevant bye-law.
- vii If the awardee does not meet the renewal criteria at the end of the 2nd semester, then the scholarship will be terminated with immediate effect, and the candidate will have to pay the full tuition fee and hostel fee along with other applicable fees for the remaining period.
- viii In the case of President Scholarship and SJS Scholarship, if the awardee does not meet the renewal criteria at the end of the 2nd Semester, s/he will not be eligible for the "pack-up" allowance at the end of the programme.
- ix Wrongful disclosure of family income, concealing any material fact about family income or submitting forged documents may attract strict disciplinary action.
- x The disbursement and continuation of scholarships/freeships are subject to meeting satisfactory academic performance, maintenance of hostel/university discipline and good conduct.

#### Financial Support in the Middle of Master' Programmes

In the event of some of the scholarships (except SJS)/Freeships becoming available by the end of the 2nd semester, for example, if the recipient of some scholarship/freeship leaves the programme in the 1st year, then the same will be made available to those who did not receive any scholarship/freeship during the first year. For this purpose, the CGPA obtained at the end of the 2nd semester will be considered, and depending upon the number of Scholarships/Freeships lying vacant, those who scored the highest CGPA will be considered for support. The vacant number of Scholarships/Freeships that fall vacant will be notified at the beginning of the 3rd semester and accordingly the applications will be invited.

#### Scope

- Tuition Fee waiver
- Hostel Fee waiver

#### **Terms and Conditions**

- The maximum duration of the support will be 10 months from the date of registration in the 3rd semester or till the date when the 4th semester examinations get over whichever is earlier
- If a student decides to repeat a course, then in the calculation of the CGPA, the score of the repeat course will not be counted.
- All other relevant conditions as prescribed in 'terms and Conditions for Master Students" will remail applicable to those who are provided financial support in the beginning of the 3rd semester.

## Scholarship/financial Support for Phd Students Admitted Through SAU Entrance Test

#### 1. SAARC-India Silver Jubilee Scholarship (SJS)

There are 25 SJS for PhD students from the beneficiary member states which include Afghanistan, Bangladesh, Bhutan, Maldives, Sri Lanka and Nepal. Out of these, 50% scholarships are reserved for women candidates. However, if there are not enough women candidates, then the remaining scholarships can be awarded to the male candidates. Moreover, the Ministry has the discretion to award 20% of the scholarships to the students of its choice from existing SAU students and those selected for admission to SAU.

The available SJS scholarships are divided into two parts: 50% each for male and female candidates. Thereafter, each part is distributed among all SJS Eligible Countries in proportion to the number of admitted candidates from these countries. Finally, the scholarship share of a particular SJS Eligible Country is awarded to the candidates of that country, distributing uniformly among the respective Master's programmes in a cyclic manner.

Award of SJS is subject to the concurrence and approval of the Ministry of External Affairs, Govt. of India.

#### 1.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 25,000, out of which INR 12,000 is contributed by MEA, Govt. of India
- A start-up allowance of INR 10,000 at the beginning of the tenure so as to meet part of the inbound travel cost and book purchases etc.
- A pack-up allowance of INR 10,000 at the end of the tenure to cover the outbound travel including any excess baggage cost, etc.

#### 1.2 Duration

The maximum duration of the SJS scholarship for PhD students is 5 years (60 months) from the date of its initiation or up to the submission of the PhD thesis, whichever is earlier. The SJS scholarship is not allowed for any extended period of the PhD programme beyond 5 years and under any circumstances.

#### 1.3 Renewal/Continuation Criteria

The SJS will continue based on the satisfactory performance reports from the supervisor. If the performance of a student is marked by the supervisor as non-satisfactory for a month, then the release of the scholarship of that month will be stopped with immediate effect. Thereafter, the disbursement of the scholarship will resume only after the recommendation of the supervisor and dully forwarded by the concerned Chairperson/Dean with a satisfactory performance report.

#### 2. SAU PhD Scholarship

SAU PhD Scholarship is given to only those students who are admitted through SAU Entrance Test and are not receiving any kind of scholarship/sponsorship or JRF support from any agencies like UGC/CSIR/DBT/ICMR etc. in India or similar agencies in other SAARC nations.

#### 2.1 Scope

- Tuition Fee waiver
- Hostel Fee waiver
- A monthly stipend of INR 25,000

#### 2.2 Duration

The maximum duration of SAU PhD Scholarship is 5 years (60 months) from the date of its initiation or up to the submission of the PhD thesis, whichever is earlier. The SAU PhD Scholarship is not allowed for any extended period of the PhD programme beyond 5 years and under any circumstances.

#### 2.3 Renewal/Continuation Criteria

The SAU PhD Scholarship will continue based on the satisfactory performance reports from the supervisor. If the performance of a student is marked by the supervisor as non-satisfactory for a month, then the release of the scholarship of that month will be stopped with immediate effect. Thereafter, the disbursement of the scholarship will resume only after the recommendation of the supervisor and dully forwarded by the concerned Chairperson/Dean with a satisfactory performance report.

- If a student is a recipient of any other scholarship/fellowship/financial assistance through any source recognized by the government of any SAARC country or if the student is employed and receiving salary from the parent institution/organization, then s/he is not eligible for SJS or SAU PhD Scholarship. Non-disclosure of any such information will constitute an offense and the student will be liable for withdrawal of the fellowship/freeship, refund of the scholarship/freeship amount already paid and disciplinary action as decided by the university.
- ii The PhD students who have qualified UGC/CSIR JRF or have received financial support from agencies like UGC/CSIR/DBT/ICMR or similar agencies/sponsors in other SAARC countries for their PhD studies will avail fellowship/financial support as per the terms and conditions of the respective funding agencies.
- iii The recipients of the financial support referred to in (ii) above are supposed to mandatorily activate their financial support immediately after joining the university, as the university will not make any advance payment in lieu of such fellowship.
- iv During the PhD Programme, if a student receives an offer of any fellowship/scholarship/stipend to pursue PhD from any sources such as UGC/CSIR/DBT/ICMR or similar agencies in other countries, then s/he will inform

- the university immediately and avail those funds instead of the funds provided by SAU.
- v All PhD students will be provided tuition fee waiver and hostel fee waiver by the university. However, if any student receives tuition fee and accommodation allowance from other sources, then these will be recovered from the student commensurate with the financial support that s/he receives from the funding agency.
- vi All the Scholarships will be effective from the start date of the Monsoon semester or the date of admission in the PhD programme, whichever is later.
- vii The maximum duration of all the Scholarships is 60 months from its initiation date or the date of the submission of the PhD thesis whichever is earlier.
- viii At SAU, the students need to register each semester. A student shall become eligible to receive any scholarship/financial support in the new semester only after his/her registration to that semester. No scholarship/financial support will be paid for the period during which a student was not registered, i.e., from the last date notified for registration to the date when he/she actually registers after paying all dues including late fees etc., except when he/she could not register in time as he/she was assigned field trip/work by the Department/Faculty as per the relevant bye-law.
- ix In the case of SJS Scholarship, if the awardee is disqualified during or after the course works or leaves the university without completing the PhD, then s/he will not be eligible for the "pack-up" allowance at the end of the programme.
- x If the performance of a PhD student remains unsatisfactory for three consecutive months, then the matter may be brought to the knowledge of the Department Academic Committee/Faculty Board of Studies (BoS) or Faculty Committee by the respective supervisor. On the recommendation of the Department Academic Committee or Faculty Committee, the PhD Scholarship may be terminated by the Board of Studies (BoS) of the respective Faculty after following the due procedure as decided by the BoS.
- xi For the purpose of the scholarship/stipend, throughout the duration of the PhD programme, the students will not be associated with any other organization/university/centre with renumeration. Any such association will constitute an offense and the student will be liable for withdrawal of the scholarship/financial support, refund of the scholarship amount already paid and disciplinary action as decided by the university. Any field work related to the PhD work can be undertaken as per the PhD Regulations of SAU.
- xii Any PhD student who undertakes a regular/full-time employment, after the mandatory residential requirement given in SAU Rules/Regulations/Bylaws, shall immediately inform the competent authority at SAU for the termination of the scholarship/financial support.
- xiii The disbursement and continuation of PhD scholarships are subject to meeting the satisfactory academic performance, maintenance of hostel/university discipline and good conduct.

## Scholarship/financial Support for Phd Students Admitted Without SAU Entrance Test

The students who are admitted to the PhD Programmes without going through SAU entrance test under the provisions as laid down in the Admissions Announcement 2024, will not be eligible for any stipend throughout the entire duration of the programme. However, for such students, the university will provide Tuition Fee waiver as well as Hostel Fee waiver.

The relevant "General Terms and Conditions for PhD Students" as prescribed above for the PhD students admitted through SAU Entrance Test will remain applicable for the PhD students admitted without appearing for the SAU Entrance Test.



## **FAQs**

#### 1. Where is SAU located?

The university is located at its beautiful 100 acres campus at Maidan Garhi. The complete address is "South Asian University, Rajpur Road, Maidan Garhi, New Delhi – 110068".

#### 2. Are there any regional campuses of SAU?

No, though we hope to have some in the future.

#### 3. What major programmes does SAU offer?

Currently, SAU offers Master's & PhD programmes in the areas of Biotechnology, Computer Science, Economics, International Relations, Legal Studies, Mathematics and Sociology.

#### 4. Are the degrees provided by SAU recognized?

Yes. The degrees provided by the South Asian University are recognized in all the member countries of SAARC.

#### 5. Does SAU offer hostel facility?

The university offers on-campus housing for both master's and doctoral students. The new hostel residence offers around 400 units of partially furnished shared accommodation in six different towers. There are several common areas, such as study rooms, common rooms, and multipurpose rooms. We also have recreational areas such as a lounge for gatherings, a fitness centre for workouts, and playgrounds.

## 6. I don't belong to any of the SAARC countries. Do you have test centres outside the SAARC region?

If you don't belong to any of the SAARC countries, you do not need to take the Entrance Test. When you click on link "Apply Now" provided on the admissions page, you will be prompted to fill out the relevant information and will be asked to upload your documents. Each application will be scrutinized by the concerned faculty to determine the eligibility of the candidate and the decision of the university will be final in this regard. The last date of applying is 31 March 2024.

#### 7. What is the current teacher-student ratio in SAU?

The current teacher-student ratio at SAU is approximately 1:10.

#### 8. Do you have any undergraduate programme?

The university doesn't have any undergraduate programme at present.

#### 9. Do non-Indian students face any discrimination?

All students, whether from within India or outside, are treated as equals in all matters, whether academic or administrative. In order to promote integration amongst students living in the hostel, the university has a policy of having students from different countries share accommodation.

#### 10. What prospects do SAU Graduates have after they pass out?

SAU degrees are recognized by all SAARC member countries. Job opportunities depend, among other things, on the grades students get and other attributes you pick up while at the university. Many SAU alumni are well placed in universities, colleges, research organisations, think tanks, corporates, government organisations, etc. across the region while many are pursuing higher studies around the world.

## 11. If opting for a hostel, what all do I need to bring when I come to SAU after admission?

The university provides a bed, a table, and a chair in the hostel room. Students have to bring their own mattress, bed linen, and blanket/quilt. The Delhi winter can be quite cold.

## 12. Does SAU offer MBA programme?

No. Currently, SAU doesn't offer an MBA programme.

### 13. Does SAU offer online/distance learning programmes?

No. SAU doesn't currently offer any distance learning programmes.



## Alumni Map of South Asian University

