



# South Asian University

(A University Established by SAARC Nations)



*Department of Computer Science*

*Placement Brochure 2013*



## Message

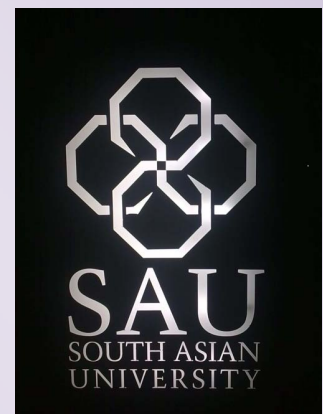


“The people of our subcontinent are at the cutting edge of scientific and technological research and in the front ranks of the knowledge society across the world. Wherever an enabling environment and world-class facilities are made available to our talented people, they excel. My suggestion to you is, why cannot we as seven member countries, pool our resources to create a center of excellence, in the form of a South Asian University, which can provide world class facilities.”

—Extract from Dr. Manmohan Singh, Prime Minister of India speech at the 13th SAARC Summit in Dhaka in 2005.

“The logo represents the eight nations of SAARC. The basic form of the logo is octagonal, each side representing a country. The octagon, when used in the perspective of design turns into numeral “8” which represents infinity ( $\infty$ ) in a purely visual sense. The “8” / infinity symbol is then overlaid upon itself to present an evolving motif form that is present in varying contexts and interpretations in all of South Asia.”

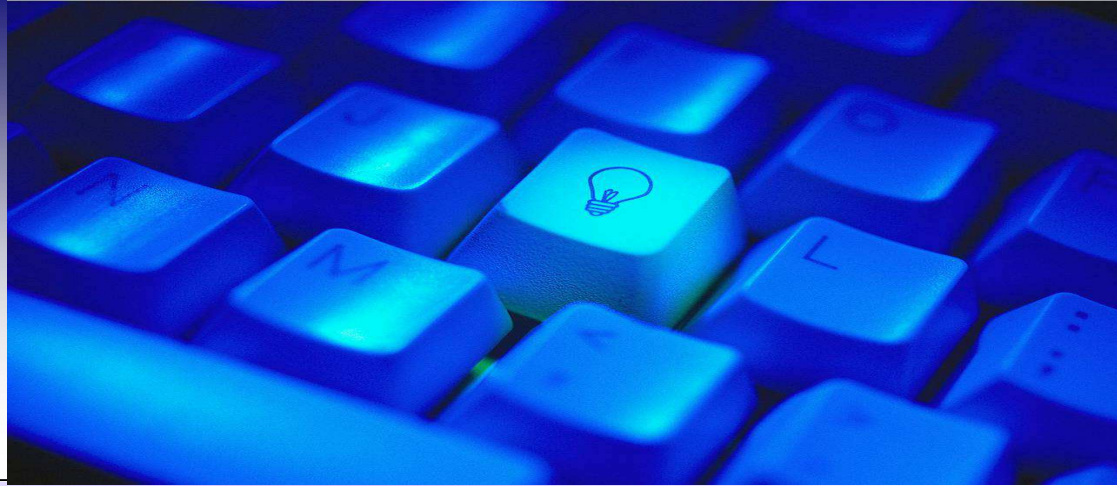
—Extract from SAU Bulletin Vol. 4, March





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## Message from the President



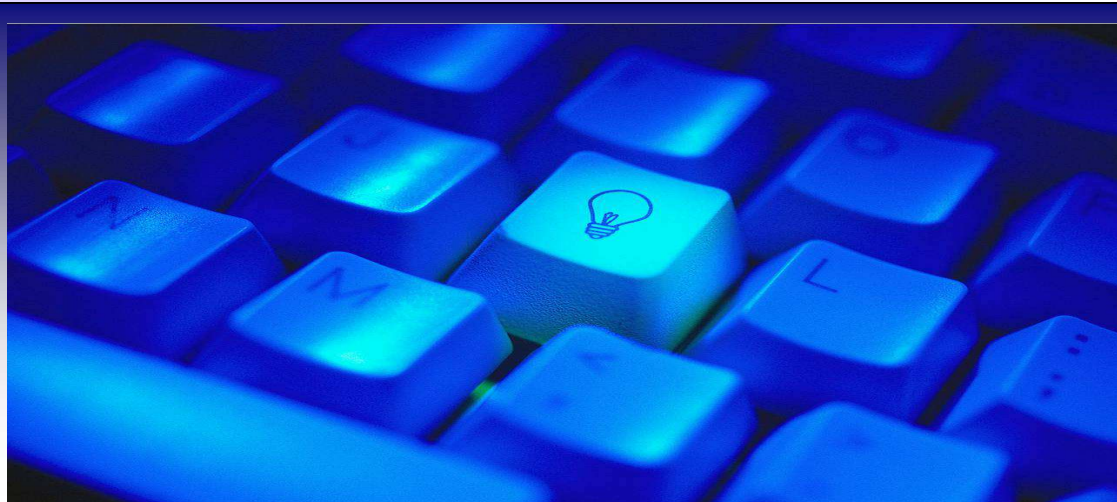
The South Asian University is an International University established by the eight Member States of the South Asian Association for Regional Cooperation (SAARC). It is a unique institution in the South Asian region attracting scholars from all the eight member states. Our endeavor is to establish a culture of academic excellence and quality research. We groom students from diverse educational and socio-cultural backgrounds to take up responsible positions in the world outside, so that they may be able to tackle the challenges of nature, of society and of the market.

We are confident that our students will prove to be an asset to any organization/ institution and that in the coming years our alumni will occupy positions of power in the world's leading companies and will contribute immensely to their further success and growth.

I extend my warm welcome to you to visit South Asian University and participate in campus recruitment program 2012-13.

(Prof. G.K. Chadha)

President



## Message from the Chairperson



The Department of Computer Science of South Asian University is a premier centre of learning and research in Computer Science. The department offers two postgraduate programs, namely, Master of Computer Applications (MCA) and M.Sc. Computer Science, with a sanctioned intake of thirty each. The teachers of the department have a rich and vast experience of teaching and research at premier institutions. The students are admitted through a competitive examination held every year at several centres in Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

The department regularly invites distinguished academicians and experts from India and abroad for workshops and lectures. The department has also conducted several workshops on the personality development and other relevant areas for grooming its students for the challenges of professional life. Students of department are also encouraged to participate in academic, literary, sports and cultural activities at the university level.

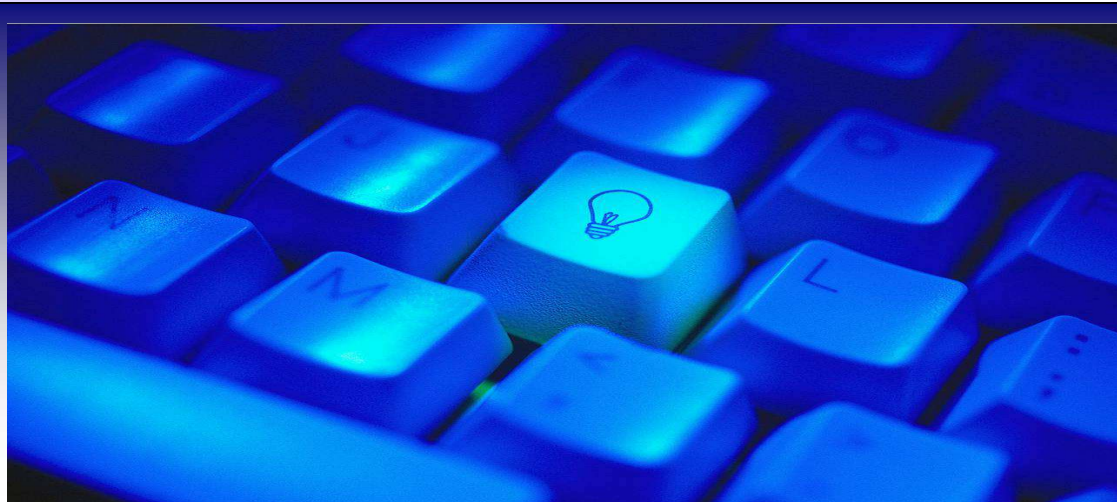
Since students come from all the eight SAARC countries the university is a thus a melting pot of different cultures. The students are nurtured in a cosmopolitan environment that values creativity and diversity. I believe that in addition to academic excellence, our students possess the capability to imbibe and flourish in the culture of any organization they join.

I would like to invite you to visit the Department of Computer Science, South Asian University, New Delhi to meet our the bright and enthusiastic students and participate in the recruitment program for 2012-13.

(Dr. Divakar Singh Yadav)

Chairperson

Department of Computer Science



## About the Department



Department of Computer Science is a department of Faculty of Mathematics and Computer Science (FMCS). The Department was started in 2010 along with the establishment of South Asian University. The department was initiated with Master In Computer Application (M.C.A) in 2010. In 2011, it has commenced Master in Computer Science. At present, these two courses are running under the Department of Computer Science.

The department consists of about 40 students and seven scholar faculties.



## Faculty

### Full time Faculty



#### **Ashwin Srinivasan (Professor)**

Ph.D. (1991) , Australia.

Inductive Logic Programming, Machine Learning, Modeling Biological Systems.

Email: ashwin@cs.sau.ac.in



#### **Divakar Singh Yadav (Associate Professor)**

Ph.D. (2007) , U. K.

Software Verification, Reasoning about distributed database system using Event-B.

Email: dsyadav@cs.sau.ac.in



#### **Pranab Muhuri (Associate Professor)**

Ph.D. (2005) , India.

Soft Computing, Real Time Systems, Energy Efficient Scheduling.

Email: pranabmuhuri@gmail.com



#### **Vivek Kumar Singh (Assistant Professor)**

Ph.D. (2010) , India.

Artificial and Collective Intelligence, Social Computing and IR, Text Processing

Email: vivek@cs.sau.ac.in



#### **Ekta Walia Bhullar (Associate Professor)**

Ph.D. (2006) , India.

Face Recognition, Content Based Image Retrieval, Digital Watermarking.

Email: wekta@cs.sau.ac.in



#### **Amit Banerjee (Assistant Professor)**

Ph.D. (2009) , Taiwan.

Wireless sensor and Ad hoc Networks, Mobile Ad hoc Networks, P2P Networks.

Email: amit@cs.sau.ac.in



## Faculty

### Full time Faculty



**Q. M . Danish Lohani (Assistant Professor)**

Ph.D.(2010) , India

Fuzzy Theory, Sequence Spaces, Measure of non-compactness, Matrix Transformation  
Email: danishlohani@cs.sau.ac.in



**Jagdish Chand Bansal (Assistant Professor)**

Ph.D.(2009) , India

Swarm Intelligence, Soft Computing  
Email: jcbansal@sau.ac.in



**Vasudha Bhatnagar (Associate Professor)**

Ph.D.(2001) , India

Intelligent Data Analysis, Knowledge Discovery in Databases  
Email: vasudhabhatnagar@gmail.com

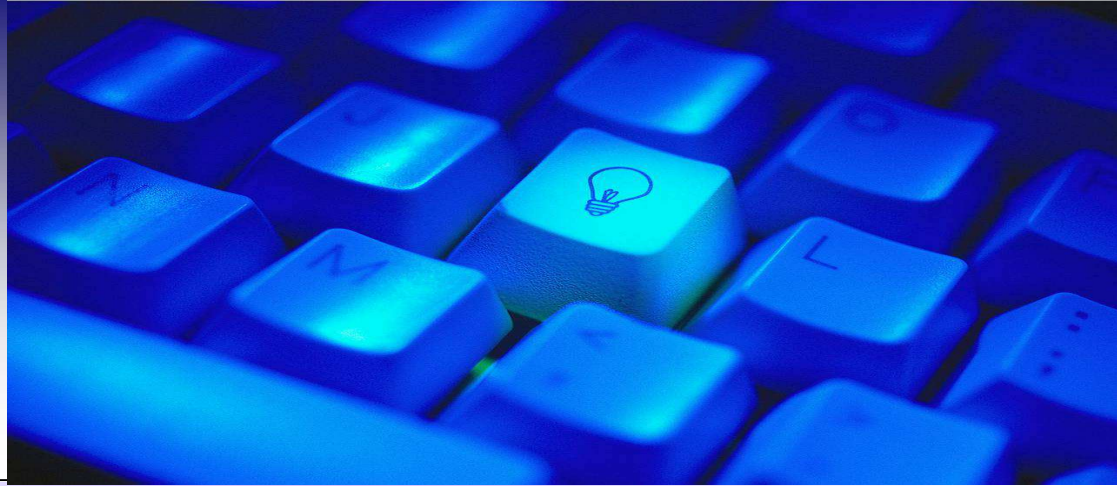


**Deepa Sinha (Associate Professor)**

Ph.D.(2007) , India

Signal Graph Structures  
Email: deepasinha2001@gmail.com





## Faculty

### Visiting Faculty



#### **T.V. Vijay Kumar**

JNU, India

Databases, Software Engineering, Object Oriented System, Data Mining

Email: tvvk@rediff.com



#### **Akshay Kumar**

IGNOU, India

Computing Science, Database Design System, Object Oriented Programming

Email: akshay@ignou.ac.in



#### **Manohar Lal**

IGNOU, India

Error Correcting Codes, E-Learning, Automation of Reasoning

Email: prof.manohar.lal@gmail.com

### Past Faculty and Visiting Faculty



#### **Koel Das (Assistant Professor)**

Ph.D. (2007), California

Biological and Machine Learning, Brain-Computer Interface, Feature Extraction.

Email: kdas@cs.sau.ac.in



#### **Zahid Raza**

JNU, India.

Cellular Communication, Pervasive Computing

Email: zahidraza@mail.jnu.ac.in

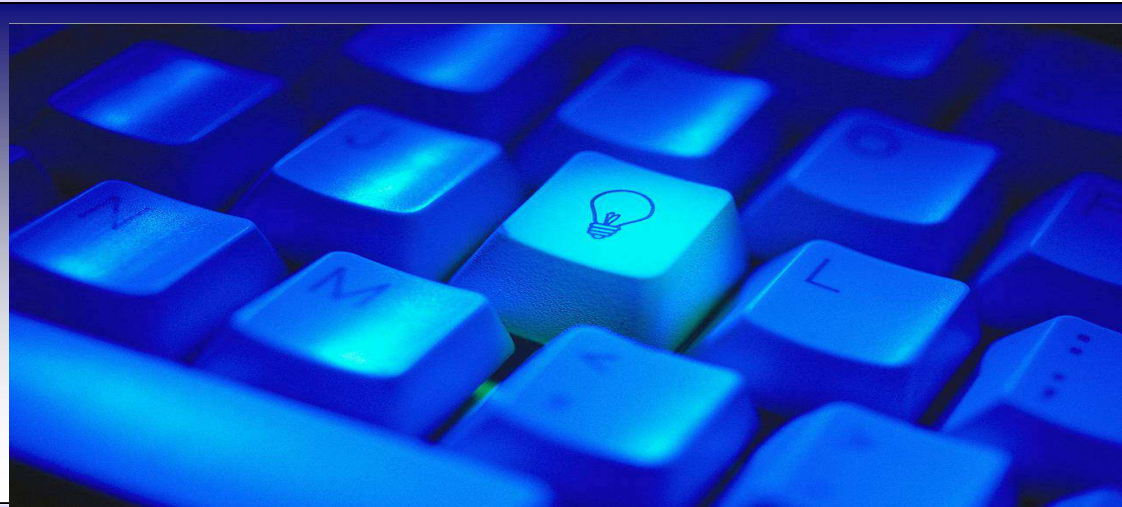


#### **Aditi Sharan**

JNU, India.

Non-Linear System, Neural Networks, Soft Computing

Email: aditisharan@mail.jnu.ac.in

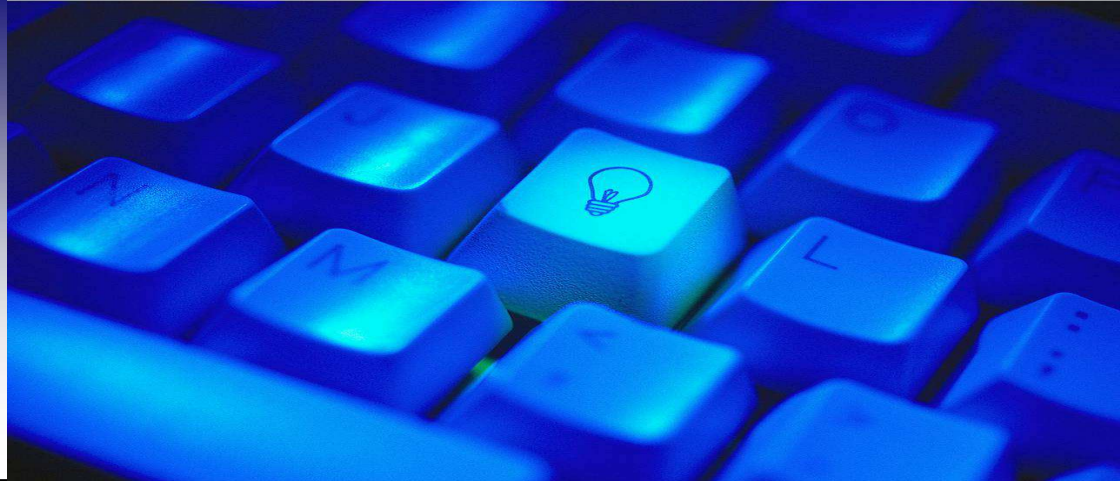


## Academic Programmes



### **M.C.A (Master In Computer Application) Programme**

Current developments in Computing, including Information and Communication Technology (ICT), have created a visible shift in IT-enabled technology and services in the SAARC region. Existing Master's programmes in Computer Applications provide a limited exposure of emerging inter-disciplinary techniques in governance, finance, life sciences, etc. It is therefore imperative to devise a programme which will balance emerging needs and strengthen the basics of computing techniques. The proposed curriculum is inter-disciplinary in nature and prepares the candidate for higher learning not only in the field of Information and Communication Technology but also in the allied areas of computational sciences, Information Technology enabled management etc. Three important components: analytical tools, computing and computational techniques, and emerging applications have been incorporated. Special care will be taken to keep the students abreast of the current and future trends in the field.



## Academic Programmes

### M.C.A Admission Procedure

The admission procedure of SAU is fairly simple and incorporates every detail for clear understanding of the applicants. The university offers Master level programs for Students who clear the eligibility criteria can sit for SAU's entrance test that will simultaneously be held in all the SAARC countries.

#### Eligibility

A 3 or 4 year bachelor's degree in Computer Science/ Engineering or relevant area from a recognized University, with at least 55% marks in aggregate or an equivalent grade.



### Country-wise Quota for students from

Seats are reserved for applicants from different SAARC countries in the following manner:

- Not more than 50% seats for Indian applicants;
- At least 4% seats for applicants from each of the following countries: Afghanistan, Bhutan, Maldives, Nepal and Sri Lanka;
- 10% seats for applicants from each of the following two countries: Pakistan and Bangladesh;
- 10% seats will be kept for applicants from outside SAARC region;
- Merit lists will be prepared country-wise and the competition will only be amongst candidates within each country; and Seats left unfilled for any country will be filled by students from other countries, as per SAU rules.

#### Scholarship

Tuition fee at SAU is highly subsidized; also Liberal number of Scholarships and financial assistance under different schemes are offered to the meritorious as well as needy students.



## Academic Programmes

### M.C.A Programme Course offered– Titles and Credits

#### Semester I

S. No	Course Title	Credit
1	Programming-I	3
2	Discrete Mathematics	3
3	Continuous Mathematics	3
4	Computer Organization	3
5	Programming Lab	3
6	IT in Management	3
<b>Total Credits</b>		<b>18</b>

#### Semester II

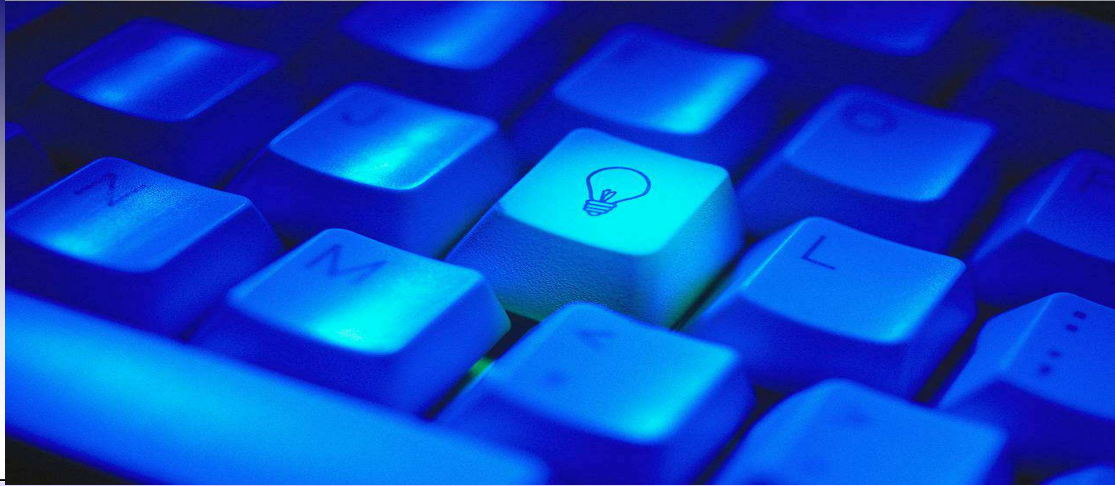
S. No	Course Title	Credit
1	Data Structures	3
2	Algorithms	3
3	Programming-II	3
4	Database Management Systems	3
5	Data Structures and Algorithms Lab	3
6	Database Management Systems Lab	3
<b>Total Credits</b>		<b>18</b>

#### Semester III

S. No	Course Title	Credit
1	Programming-III	4
2	Probability and Statistics	4
3	Computer Graphics	4
4	Operating Systems	4
<b>Total Credits</b>		<b>16</b>

#### Semester IV

S. No	Course Title	Credit
1	Artificial Intelligence and Machine Learning	4
2	Computer Networks	4
3	Software Engineering	3
4	Elective-I	3 or 4
5	Elective-II	3 or 4
<b>Total Credits</b>		<b>17-19</b>



## Academic Programmes

### Semester V

S. No	Course Title	Credit
1	Modeling and Simulation	3
2	Theory of Computation	3
3	Internet Technologies	3
4	Image Processing and PR	3
5	Elective III	3 or 4
6	Elective IV	3 or 4
7	Minor Project	3
<b>Total Credits</b>		<b>21-23</b>

### Semester VI

S. No	Course Title	Credit
1	Cyber Security and IPR	3
2	Technical Communication	3
3	Major Project	15
4	Seminar	3
<b>Total Credits</b>		<b>24</b>

### Electives for Semester IV (Select any 2)

S. No	Course Title	Credit
1	Programming in JAVA	4
2	Data Warehousing and Data Mining	3
3	Compiler Design	3
4	Multimedia Systems and Techniques	3
5	E-Governance, E-Business and E-Learning	3
6	Scientific Computation	3
7	Digital Signal Processing	3

### Electives for Semester V (Select any 2)

S. No	Course Title	Credit
1	Software Quality Assurance	3
2	Mobile Computing and Networking	3
3	Soft Computing	3
4	Computer Based Optimization Techniques	3
5	Computational Finance	3
6	Computational Biology	3
7	Wireless Communication	3

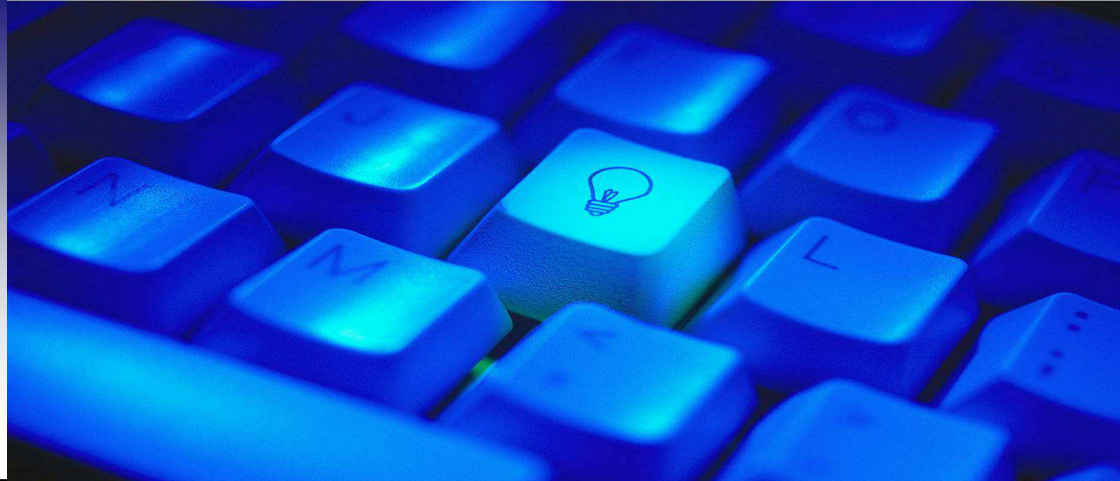


## Academic Programmes



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

The M.Sc. is a 2-year (4-semester) course, requiring the completion of 64 credits. The course will provide a unique opportunity to students in the SAARC region to obtain skills that will enable them either to pursue a career in the Computer Science/Information Technology industry; or in advanced Computer Science research. This is done by providing a novel combination of mathematical and computational subjects that are highly relevant to industry and at the same time required for research at the forefront of Computer Science.



## Academic Programmes

### M.Sc. Computer Science Admission Procedure

The admission procedure of SAU is fairly simple and incorporates every detail for clear understanding of the applicants. The university offers Master level programs for Students who clear the eligibility criteria can sit for SAU's entrance test that will simultaneously be held in all the SAARC countries.

#### Eligibility

A 3 or 4 year bachelor's degree in Computer Science/ Engineering or relevant area from a recognized University, with at least 55% marks in aggregate or an equivalent grade.



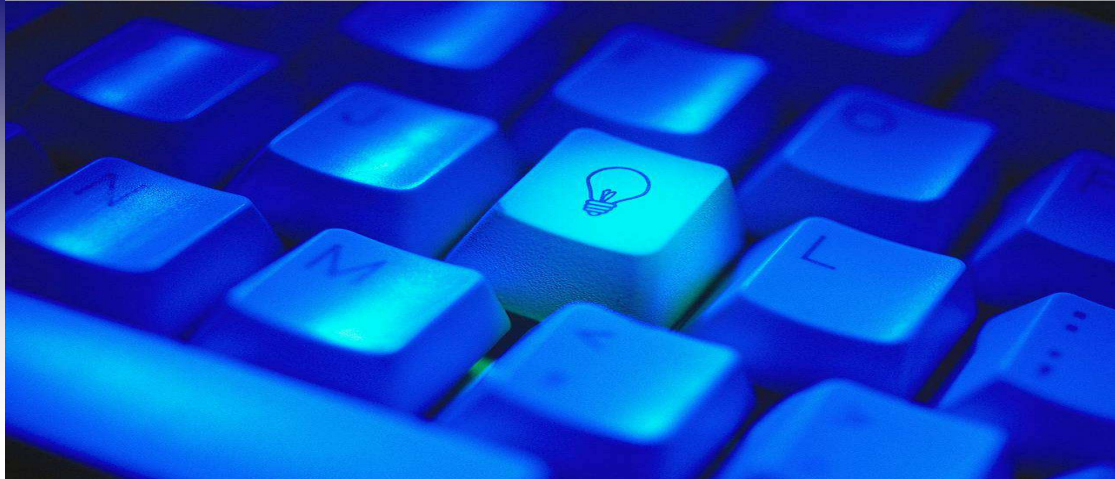
### Country-wise Quota for students from SAARC

Seats are reserved for applicants from different SAARC countries in the following manner:

- Not more than 50% seats for Indian applicants;
- At least 4% seats for applicants from each of the following countries: Afghanistan, Bhutan, Maldives, Nepal and Sri Lanka;
- 10% seats for applicants from each of the following two countries: Pakistan and Bangladesh;
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#### Scholarship

Tuition fee at SAU is highly subsidized; also Liberal number of Scholarships and financial assistance under different schemes are offered to the meritorious as well as needy students.



## Academic Programmes

### M.Sc. (Computer Science) Course offered– Titles and Credits

#### Semester I

S. No	Course Title	Credit
1	Programming-I	4
2	Data Structures and Algorithms	3
3	Database Management System	3
4	Computational Mathematics-I	3
5	Probability and Statistics	3
6	Computer Architecture	3
<b>Total Credits</b>		<b>19</b>

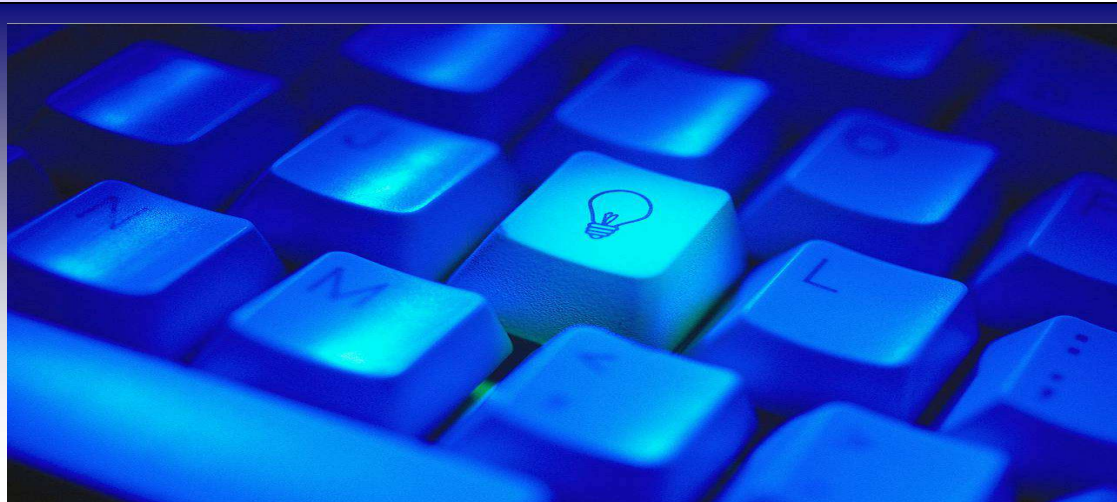
#### Semester II

S. No	Course Title	Credit
1	Programming-II	4
2	Operating Systems	3
3	Modeling and Simulation	4
4	Statistical and Logical Learning	4
5	Computer Network	3
<b>Total Credits</b>		<b>18</b>

#### Semester III

S. No	Course Title	Credit
1	Software Engineering	3
2	High Performance Computing	3
3	Option 1	3
4	Option 2	3
5	Thesis	1
<b>Total Credits</b>		<b>13</b>





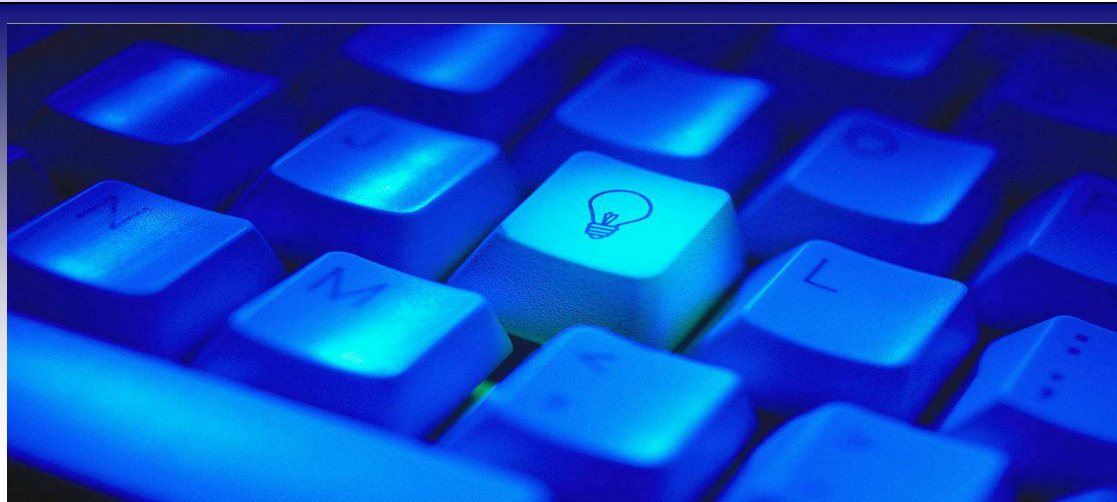
# Academic Programmes

## Semester IV

S. No	Course Title	Credit
1	Thesis	12
<b>Total Credits</b>		<b>12</b>

## Electives

S. No	Course Title	Credit
1	Computational Mathematics-II	3
2	Real Time Systems	3
3	Web Computing	3
4	Mobile Computing	3
5	Relational Modeling	3
6	Probabilistic Modeling	3
7	Fuzzy Modeling	3
8	Computational Neuroscience	3
9	Robotics	3
10	Swarm Intelligence	3
11	Image Processing and Pattern Recognition	3



## Infrastructure

### Department library

The department has a Wi-Fi enabled well stocked reference library with sufficient number of books not only in the field of computer science and IT but also in other related areas such as in electronics and mathematics. Apart from books student have access to the latest magazines, and electronic repository such as ACM, Springer, IEEE, Science Direct, Elsevier. It aims to facilitates production and dissemination of knowledge ,information insights and intellectual contributions in all areas of education among the academic and business community.



### Department labs: a platform to experiment with the theoretical concepts.



Department maintains well equipped two general labs, one main lab and one Hardware Modeling and Simulation lab. It has all the paraphernalia to have the making of student to work miracle with cooperation of faculty members. Department provides one to one ratio of student to computer with 24 hours high bandwidth Internet access.

The labs are equipped with a Window server, a Web Server, a Linux Server, with sufficient number of Windows/Linux based systems. The Servers in the labs are connected to 100 Mbps LAN. The labs also have scanners and network Laser printer in order to provide adequate scanning and printing facilities to students.

The labs are also equipped with the latest softwares and hardware catering to the academic needs of the department. The computing labs in the department continuously acquire hardware and software in order to keep itself up to date with emerging technologies. The labs provides an ambience for students to work in coordination to nurture team spirit and bring out innovative ideas for developing applications.





## Expert Lectures/ Workshop

To keep the students updated with the latest happening in IT industries and in the field of research, department regularly organizes expert lectures by distinguished personality in IT field. Some of the prominent ones

Elements of Information Theory

Prof. Karmeshu,

Dean of School of Computer & System Sciences, JNU

Dated: April 4, 2012



Cloud Computing and Data Management

Dr. Mukesh Mohania,

IBM Research

Dated: February 10, 2012



Open Source Technologies

Mr. Niyam Bhushan,

Independent Design Graphics Professional, Linux and FOSS  
Consultant





## Expert Lectures/ Workshop

Crowdsourcing: Dynamic Data Management in Mobile- P2P Networks

Sanjay K. Madria,

Department of Computer Science and Site Director

NSF I/UCRC Center and Web and Wireless Computing Lab, Missouri  
University of Science and Technology, USA

Dated: August 8, 2012



DB2 Training

By IBM

Dated: August 21-24, 2012



Soft Computing Techniques

SAU CS Workshop Series

Dated: September 6-7, 2012





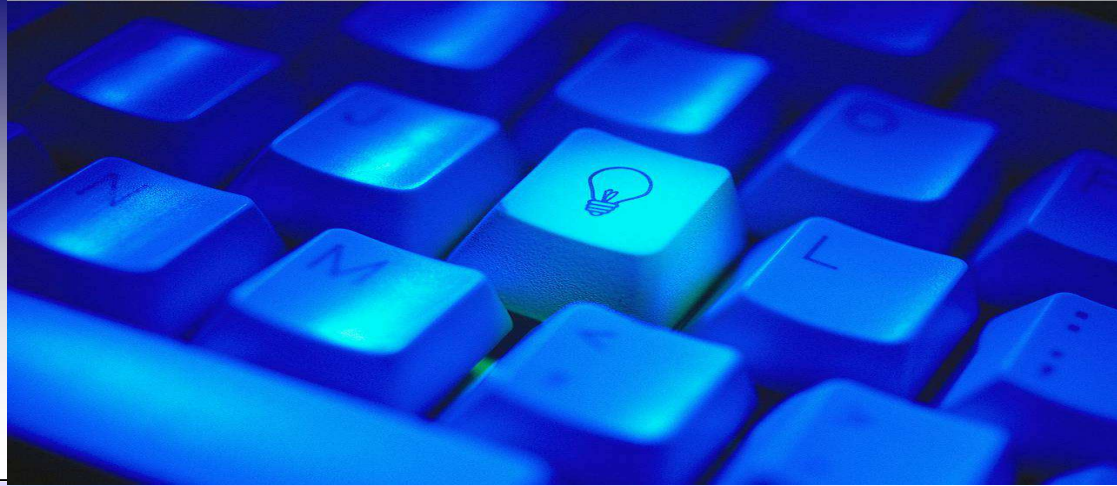
### Soft Computing Techniques

**CS Workshop Series**

**Speakers**  
 Prof. Sankar K. Pal, ISI Calcutta (Keynote)  
 Dr. Alok Singh, University of Hyderabad  
 Dr. A.S Baghel, GBU, Gr. Noida  
 Dr. D.P.Vidyarthi, JNU New Delhi  
 Dr. Swagatam Das, ISI Calcutta  
 Dr. B.K. Panigrahi, IIT Delhi

**6-7<sup>th</sup> September 2012**  
 9:30 AM - 5:30 PM  
 FSI HALL, Akbar Bhawan

**Contacts**  
 Dr. V. K. Singh, FMCS  
 9971995005  
 Dr. D.S. Yadav, FMCS  
 09454382845



## Current Students (M.C.A)



Anu Singha  
India



Ashraf Uddin  
Bangladesh



Asiya Naz  
India



Chetanaya Pratap  
Singh  
India



Murlu Manohar Jha  
India



Nikhil Kumar  
India



Phub Namgay  
Bhutan



Pramod Devlal  
India



Rajesh Piryani  
Pakistan



Rohit Kumar  
India



Sanjeev Kumar Dash  
India



Shrawan Kumar Jha  
India



Sujit Kumar  
India



Sunil Kumar Jha  
India



Urminder Singh  
India



## M.C.A Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
1	Anu Singha	India	B.C.A., Tripura University, Agartala, Tripura, India.	<ol style="list-style-type: none"> <li>1. Bus Ticket Reservation System [Agartala-Guwahati] (VB).</li> <li>2. Student Admission System at the SAU(JAVA).</li> </ol>
2	Ashraf Uddin	Bangladesh	B. Sc. (Hons.) , University of Dhaka, Bangladesh.	<ol style="list-style-type: none"> <li>1. Cricket Information System (DBMS).</li> <li>2. Student Admission System at the SAU (JAVA).</li> </ol>
3	Asiya Naz	India	B.C.A., Jamia Hamdard Univer- sity, New Delhi, India.	<ol style="list-style-type: none"> <li>1. Employee Management Sys- tem (Visual Basic and DBMS).</li> <li>2. Inventory Control System (JAVA).</li> </ol>
4	Chetanaya Pratap Singh	India	B.I.T., Aligarh Muslim Univer- sity, Aligarh, Uttar Pradesh, India.	<ol style="list-style-type: none"> <li>1. Hotel Management System (DBMS).</li> <li>2. Tournament Score Manage- ment System (JAVA).</li> </ol>
5	Murli Manohar Jha	India	B.C.A., IGNOU, Delhi, India.	<ol style="list-style-type: none"> <li>1. Student Registration System (DBMS) .</li> <li>2. Student Examination Record Management System (JAVA).</li> </ol>



## M.C.A Students Profile

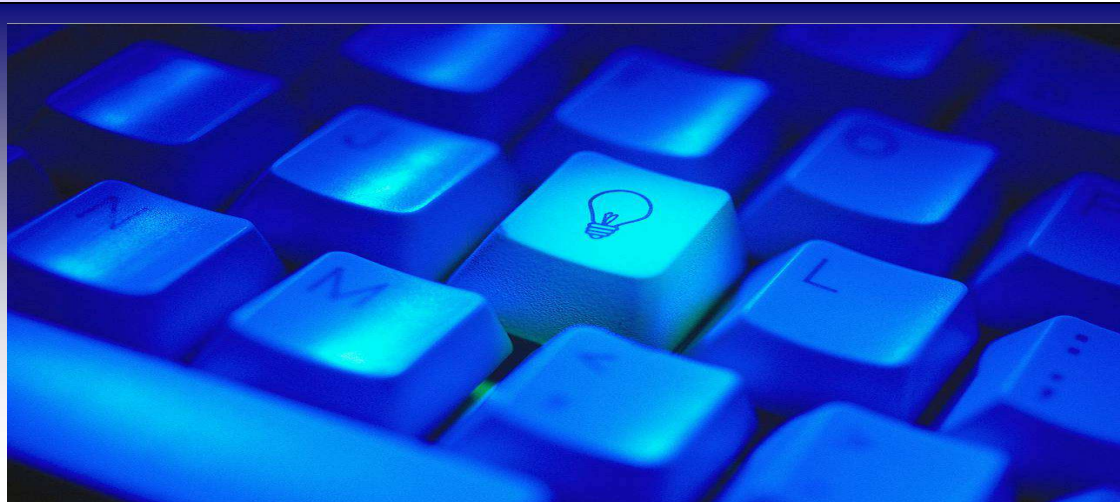
S. No.	Name	Country	Qualification	Projects Undertaken
6	Nikhil Kumar	India	B.C.A., IGNOU, Delhi, India.	1. UID (DBMS). 2. Bus Management System (JAVA).
7	Phub Namgay	Bhutan	B. Sc. Royal University of Bhutan, Bhutan.	1. Travel Agent (DBMS). 2. IT Inventory Management System (JAVA).
8	Pramod Devlal	India	B.Sc.(Hons.) University of Delhi, Delhi, India.	1. Library Management System (DBMS) . 2. Library Automation System (JAVA).
9	Rajesh Piryani	Pakistan	B.E. , Tribhuvan University, Kathmandu, Nepal.	1. Dynamic Knowledge Base Search Engine (Major Project). 2. Student Admission System at SAU (JAVA).
10	Rohit Kumar	India	B.C.A. , Magadh University, Patna, Bihar, India.	1. Bus Management System (DBMS). 2. Bus Management System (JAVA).



## M.C.A Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
11	Sanjeev Kumar Dash	India	B.Sc., University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Population Census (DBMS)</li> <li>2. Library Automation System (JAVA).</li> </ol>
12	Shrawan Kumar Jha	India	B.C.A. , IGNOU, Delhi, India.	<ol style="list-style-type: none"> <li>1. Auction and Bid Management System (DBMS)</li> <li>2. Student Examination Record Management System (JAVA).</li> </ol>
13	Sujit Kumar	India	B.C.A. , IGNOU, Delhi, India.	<ol style="list-style-type: none"> <li>1. Medical Representative (DBMS).</li> <li>2. Tournament Score Management System (JAVA).</li> </ol>
14	Sunil Kumar Jha	India	B.Sc. (Hons.), B. R. Ambedkar Bihar University, Muzaffarpur, India.	<ol style="list-style-type: none"> <li>1. Airline Reservation System (DBMS).</li> <li>2. Tournament Score Management System (JAVA).</li> </ol>
15	Urminder Singh	India	B.Sc. , University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Criminal Information System (DBMS).</li> <li>2. IT Inventory Management System (JAVA).</li> </ol>





## Current Students (M.Sc. Computer Science)



Ali Akbar Ahmadi  
Afghanistan



Aman Pal  
India



Amit Kumar Shukla  
India



Ashish Kulshreshtha  
India



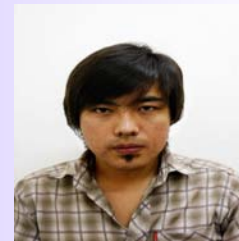
Atiqullah Fekrat  
Afghanistan



Bhumika Dewan  
India



Jawid Ahmad Baktash  
Afghanistan



Kabir Panahi  
Afghanistan



Khalid Md. Khairul  
Bashar  
Bangladesh



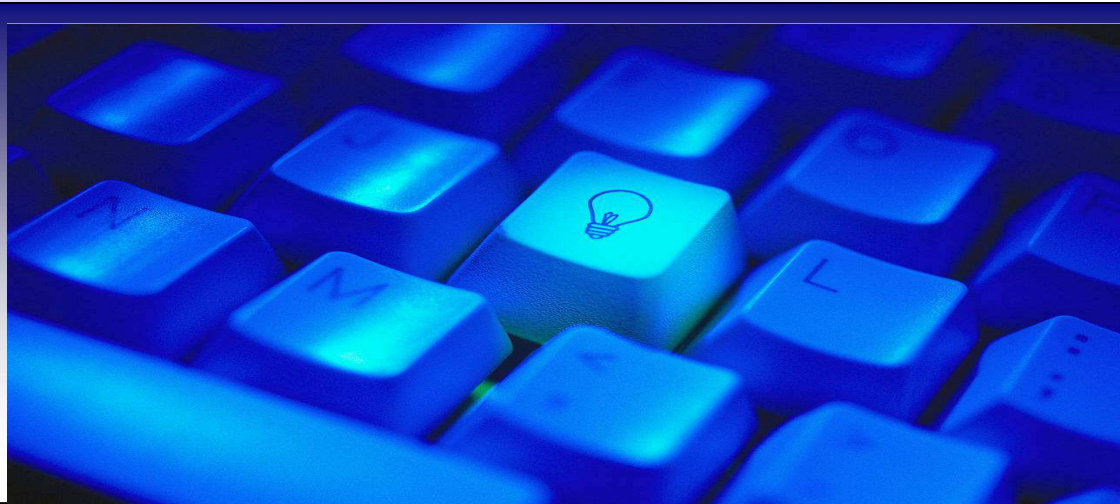
Kriti Kohli  
India



Mahima Relan  
India



Mahamudul Hasan  
Bangladesh



## Current Students (M.Sc. Computer Science)



Mehdi Mohammadi  
Afghanistan



Mukesh Kumar  
Chaudhary  
Nepal



Najibullah  
Mohammadi  
Afghanistan



Naushad Alam  
Nepal



Neeraj Kumar Rajput  
India



Rahul Nath  
India



Ramin Sadat  
Afghanistan



Sulaiman Vesal  
Afghanistan



Swati Khurana  
India



Zaigham Abbas  
Pakistan



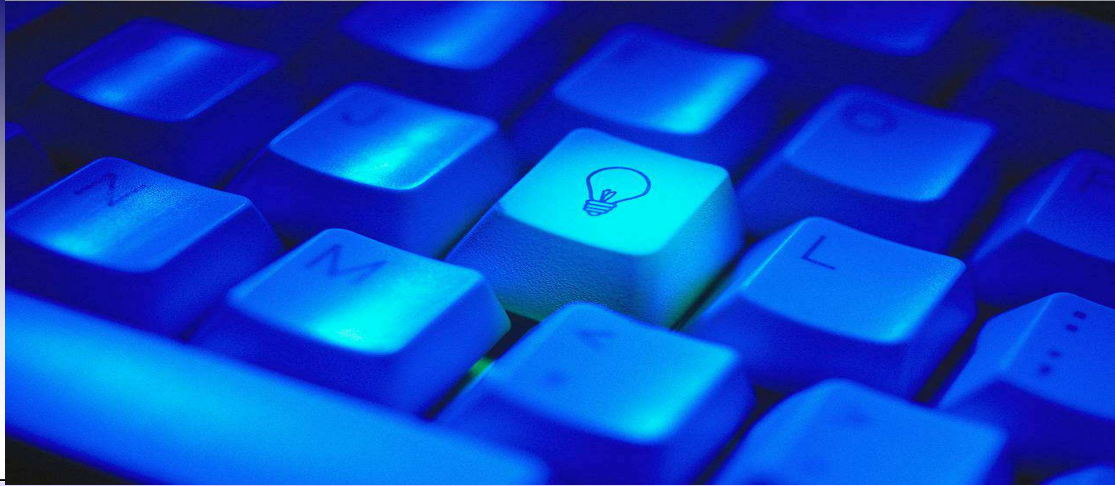
## M.Sc. Computer Science Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
1	Ali Akbar Ahmadi	Afghanistan	B.Sc. Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>Office automation software (C#, SQL Server),</li> <li>CPU Scheduling and real time system.</li> </ol>
2	Aman Pal	India	B.Sc. University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>Energy Efficient Algorithm.</li> <li>Android Security Model</li> </ol>
3	Amit Kumar Shukla	India	B.Sc. (Hons.), University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>Nokia PCU Testing in GPRS for Aricent Group.</li> <li>SI/FT/ST testing for GSM-R Project in Aricent Group.</li> </ol>
4	Ashish Kulshreshtha	India	B. C. A., Agra University, Mathura, India.	<ol style="list-style-type: none"> <li>Digital Image Processing using C++.</li> <li>Distance Measure Between Two Generalized Fuzzy Number .</li> </ol>
5	Atiqullah Fekrat	Afghanistan	B.S., Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>Scheduling Techniques for low power in hard real time system.</li> <li>Implementing of CPU Scheduling Algorithms in C++.</li> </ol>
6	Bhumika Dewan	India	B.Sc. (Hons.), University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>LACK– a VOIP Steganographic Method.</li> <li>Genetic Algorithm-Image Matching, using C++.</li> </ol>



## M.Sc. Computer Science Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
7	Jawid Ahmad Baktash	Afghanistan	B.Sc. , Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>1. WiMAX-based high-speed internet project.</li> <li>2. Wireless Technical Service Expert at ITDU.</li> </ol>
8	Kabir Panahi	Afghanistan	B.Sc. , Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>1. Library Management System using C++.</li> <li>2. VSAT + Online Library Management System.</li> </ol>
9	Khalid Md. Khairul Bashar	Bangladesh	B.Sc. (Hons.), University of Dhaka, Dhaka, Bangladesh.	<ol style="list-style-type: none"> <li>1. Projecting the GPA and CGPA of the M.Sc. and MCA Students using C++.</li> <li>2. Distance measure between two generalized Fuzzy Number.</li> </ol>
10	Kriti Kohli	India	B.Sc. (Hons.), University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Fire Alarm using 8085 Microprocessor.</li> <li>2. Genetic Algorithm-Edge Detection in images using C++.</li> </ol>
11	Mahima Relan	India	B.Sc. (Hons.), University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Automatic mail reminder on birthdays.(ASP.NET) .</li> <li>2. Genetic Algorithm-Image Matching, using C++.</li> </ol>
12	Mahamudul Hasan	Bangladesh	B.Sc. (Engg.), Noakhali Science and Technology University, Noakhali, Bangladesh.	<ol style="list-style-type: none"> <li>1. Online Electronic Medical Health Record (EMHR) System (PHP, MySQL).</li> <li>2. Analyzing the Handoff Mechanisms in Vehicular Networks for Mobile Cloud Computing.</li> </ol>



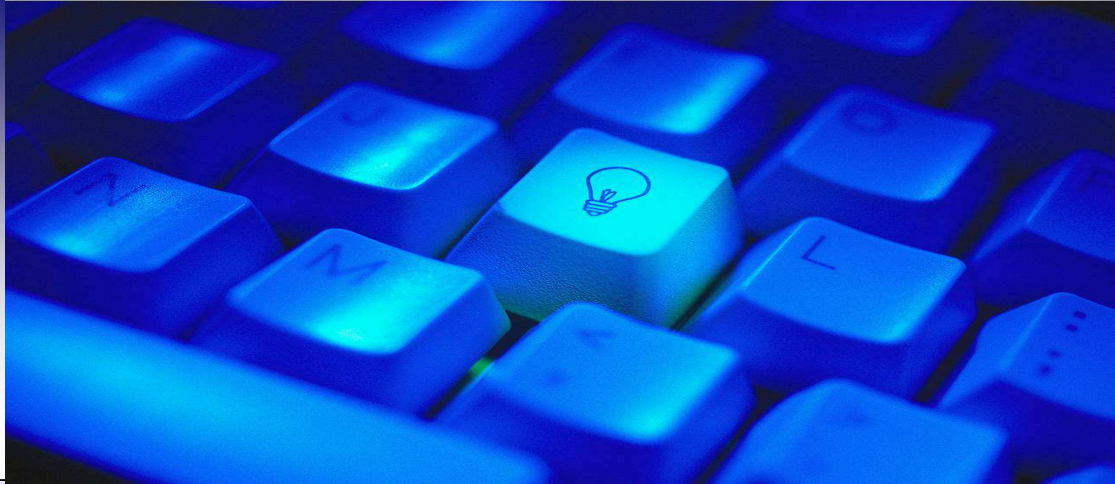
## M.Sc. Computer Science Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
13	Mehdi Mohammadi	Afghanistan	B.Sc. , Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>1. Online Library Management System.</li> <li>2. Implementing Steganography.</li> </ol>
14	Mukesh Kumar Chaudary	Nepal	B.E. , Tribhuvan University, Kathmandu, Nepal.	<ol style="list-style-type: none"> <li>1. Non-Life insurance Management System.</li> <li>2. Super Market Billing System.</li> </ol>
15	Najibullah Mohammadi	Afghanistan	B.S., Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>1. Complex Function Differentiation.</li> <li>2. Library Management System.</li> </ol>
16	Naushad Alam	Nepal	B.E, Purbanchal University, Biratnagar, Nepal.	<ol style="list-style-type: none"> <li>1. Implementing Disease Detection using C++.</li> <li>2. Scheduling Techniques for low power in hard real time system.</li> </ol>
17	Neeraj Kumar Rajput	India	B.Sc. University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Adaptive Reliable Social Based Peer to Peer Network.</li> <li>2. Ranking Type-II Fuzzy Numbers.</li> </ol>
18	Rahul Nath	India	B.Sc. University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Enhanced Steganography with Encryption Techniques.</li> <li>2. Energy Efficient Algorithm.</li> </ol>



## M.Sc. Computer Science Students Profile

S. No.	Name	Country	Qualification	Projects Undertaken
19	Ramin Sadat	Afghanistan	B.Sc. , Kabul University, Kabul, Afghanistan.	<ol style="list-style-type: none"> <li>1. Distributed Database Management System.</li> <li>2. Cryptography and Encryption Algorithm using C++.</li> </ol>
20	Sulaiman Vesal	Afghanistan	B.Sc., Kabul University, Kabul, Afghanistan	<ol style="list-style-type: none"> <li>1. Online Library Management System.</li> <li>2. Implementing Steganography.</li> </ol>
21	Swati Khurana	India	B.Sc. (Hons.), University of Delhi, Delhi, India.	<ol style="list-style-type: none"> <li>1. Parallel Computing in heterogeneous Cloud.</li> <li>2. Genetic Algorithm, Edge detection in image using C++.</li> </ol>
22	Zaigham Abbas	Pakistan	B.S. CS (PUCIT), MBA (Management) University of Punjab, Lahore, Pakistan.	<ol style="list-style-type: none"> <li>1. Online Products Manufacturing and Stock Management System (ASP. Net, C#).</li> <li>2. Schedulability Analysis for Real-Time Systems with EDF Scheduling.</li> </ol>



## Achievements of the Students

### Technical Fests

#### SANKLAN 2011

1. **Sanjeev Dash and Rajesh Piryani, 3rd prize** in “Debug++”, “Sankalan 2011” IT-Fest organized by Department of Computer Science, University of Delhi.

#### NERDZ 2011

1. **Sunil Kumar Jha and Rajesh Piryani, 3rd prize** in “Remove the DOT”, “NERDZ 2011” organized by Department of Computer Science, Jamia Hamdard University on 10-11 March, 2011.
2. **Chetanya Pratap Singh, 2nd prize** in “Gunjan”, “NERDZ 2011” organized by Department of Computer Science, Jamia Hamdard University on 10-11 March, 2011.
3. **Pramod Devlal and Urminder Singh, 2nd prize** in “Open-em-up”, “NERDZ 2011” organized by Department of Computer Science, Jamia Hamdard University on 10-11 March, 2011.

#### ALGORHYTM'11

1. **Rajesh Piryani and Ashraf Uddin, 2nd prize** in “Hello World (C Programming)”, “Algorhtym '11” organized by Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi.
2. **Sunil Kumar Jha, 3rd prize** in “Java Pro”, “Algorhtym '11” organized by Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi.

#### TECHNOPHILIA 12

1. **Shrawan Jha and Sunil Kumar Jha, 3rd Prize** in “Black Haul” event of “TECHNOPHILIA12” organized by School of Computer & System Sciences, Jawaharlal Nehru University, New Delhi.
2. **Rajesh Piryani and Ashraf Uddin, 2nd Prize** in ‘Bug Hunt’ event of “TECHNOPHILIA'12” organized by School of Computer & System Sciences, Jawaharlal Nehru University, New Delhi.

#### IBM CERTIFICATION 2012

32 students are IBM CERTIFIED ACADEMIC ASSOCIATE

DB2 9 Database and Application Fundamentals.





## Student life at Department Computer Science

At SAU, students are made to understand that it is not only hard work, but also efficient work, that is key to success for the present world.

The students of SAU are selected from all over the SAARC Nations, who have diverse background, which in turn bring different and creative process to a particular problem. This instills in us the team work property that is vital for diverse work and life culture at the companies.

We work hard, and our talent is polished through periodic test, assignments and projects. We also took part in various competition (IT Tech Fest) held at prestigious institution and showed our talent by winning.

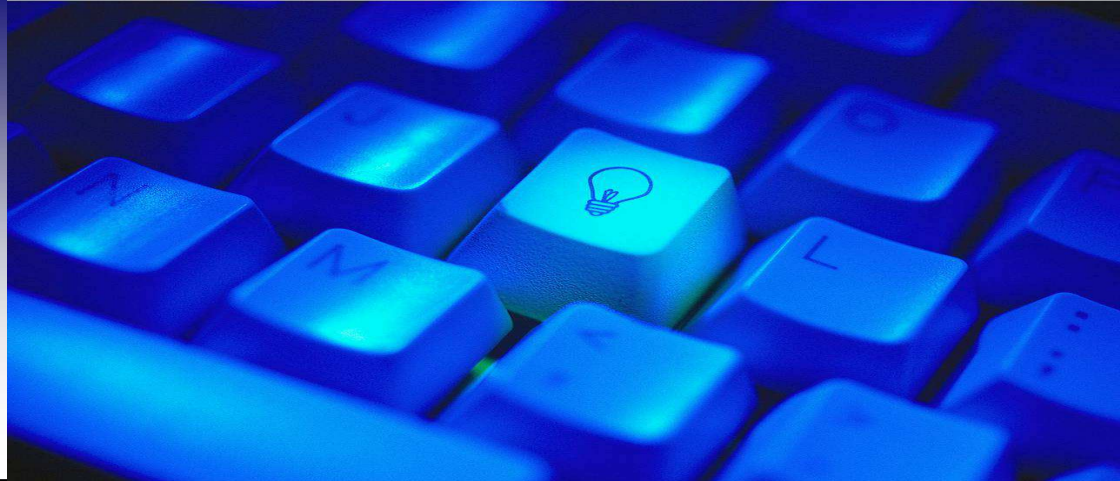


Apart from this expert lecture are being held so that students keep abreast themselves with the latest happening in IT sectors.

In between these hectic schedules, we took our time, to reinvigorate ourselves by celebrating different festivals of both nations and of other SAARC Nations. This helps us to understand each other's culture and build our social understanding.

We have also arranged some games (both indoors and outdoors) also to distress ourselves that enhance our thought process to think creativity.





## Recruitment Procedure

### STEP 1

Interested Company /Organization need to download, and fill the “Response Sheet” from [http://www.southasianuniversity.org/index.php?option=com\\_content&view=article&id=2&Itemid=226](http://www.southasianuniversity.org/index.php?option=com_content&view=article&id=2&Itemid=226)

### STEP 2

The information furnished by Company/Organization is made available to the students. Companies can ask the resumes of interested students and shortlist students.

### STEP 3

Dates are allotted to the company for their requirement process interviews. The company/organization is required to furnish the final list of students preferably on the date of interview or the next day.

## Facilities for Recruiters

Beside warm welcome, we also provide the recruiters with the following aid:

- Large classrooms and halls for Pre– Placements talks and written tests.
- Air conditioned rooms in the Training and Placement Office for Group Discussion .
- Facility for conduction of personal interviews with reprographic facility.
- Facility for pick and drop from airport/ station and stay as per the requirement.
- High speed internet connection facility (for submission of soft copies of resumes and other works)
- Student volunteers for prompt actions on the day of visit

# Response Sheet

Name of the Organization :.....

Address :.....

.....

Telephone :..... Fax :.....

Website :..... Email :.....

Major Areas in which company is currently working :.....

.....

Preferred date of visiting the Campus (Please give 2-3 choices) :

(1) ..... (2) ..... (3) .....

Selection Procedure :.....

.....

Desired Skills :.....

.....

Comments :.....

.....

Kindly enclose a brochure of Organization and your visiting card.

Name :.....

Designation :.....

Signature: .....

Kindly mail this response to:

Dr. Divakar Singh Yadav

Chairperson

Department of Computer Science

South Asian University, New Delhi

placement@cs.sau.ac.in



**Proposed Model**

## Contact Us



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## Student Placement Committee



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