READY FOR THE NEW WORLD

#MasterYourFutureAtSIMSR



Institute of Management Studies & Research



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DIRECTOR'S MESSAGE Ready-For The New World

"I never dreamed about success. I worked for it."

Estée Laudei

Technology has played a key role in driving change in the traditional digital - beyond digital world leading into Industry 4.0.

Swiftness, Speed, Stability and Sustainability are required to be ready for the new world.

It is the management education sector that should provide the necessary skill sets and industry ready talent to foresee and manage this change.

As a leading business management school located in a beautiful 50 acre lush green campus in the heart of Mumbai in India, is K J Somaiya Institute of Management Studies & Research ready to provide the necessary leadership for change management?

YES, WE ARE READY.

Prof. (Dr.) Monica Khanna



SWIFTNESS: The Institute has been quick to realize that Industry 4.0 cannot be delivered with an old mind-set.

The institute has an illustrious Board of Studies for every area of specialization and programme. They guide us at each stage of curriculum formation and reformation, reviewing course structures, connecting us with the industry best practices, delivering guest lectures, mentoring our students, providing experiential learning opportunities and more.

SPEED: The Institute has kept pace with the changing times and recognises that both faculty and students are to be in sync with the industry, for developing industry 4.0 ready graduates.

Faculty and staff re-training is on a continuous basis in India and abroad. Knowledge renewal and enhancement happens through doctoral programmes, publications and consultancy assignments.

STABILITY: The Institute recognizes that change has to be rooted in the age old values of Honesty, Integrity, Discipline and Humility.

The institute focuses on developing matured professionals rooted in the Indian ethos and timeless principles of honesty, integrity, discipline and humility. A special programme called "HOLSEM" (holistic Self-Management) has been developed that teaches important subjects like anger & emotion management, time management, yoga, meditation itai chi, utritionand sleep management tet.

SUSTAINABILITY: The Institute recognizes that growth and development have to be sustainable.

Student initiatives like the cycling club, community services like organising blood donation camps, celebrating women's day, campaigns to stop food wastage in the canteens etc – impresses upon the students the importance of sustainability and planningfor posterity.

SO IS SIMSR READY FOR THE NEW WORLD?

VES WE ARE – SIMSR has successfully created well balanced matured professionals ready to take on the industry and community challenges in India and abroad. Our illustrious alumni are proof of our efforts.

I'm sure that you will get the right talent that you are looking for at our institute to enhance your organization's productivity and prestige. I also look forward to your valued contribution in reinforcing the strength of our journey.

Best wishes,

Prof. (Dr.) Monica Khanna Director

SIMSR

K J Somajva Institute of Management Studies & Research (SIMSR) was established in 1981 as a part of Somaiya Vidyavihar with the objective of providing state of the art education in management and allied areas. The Institute is consistently ranked among top 20 Management Institutes and top 10 private sector bachools in India. R. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES & RESEARCH

MCA @ SIMSR is affiliated to University of Mumbai (with autonomy) and recognized by AICTE. The first batch of MCA (2006-2009) graduated in the year 2009. The 2017-2020 Batch is the Twelfth batch to pass out of KJ SIMSR.

The institute offers full time, three-year Masters in Computer Applications (MCA) and two years FOBM and MMS programmes. All the programmes are approved by All India Council of Technical Education, Ministry of HRD, Goxt of India, New Dethiano the MCA and MMS programmes are affiliated to University of Mumbai, Agart from the regular programmes, the institute offers customized and subject / industry specific certificate and executive development programmes for government budges, companies, defence personnel and NGOs.

WHY SINSR Holistic Development

In a highly volatile and challenging marketplace, we believe it is a strength of character and positive attitude that make a world class business leader and that is what we at SIMSR inculcate in our students through our pedagogy.

Our emphasis on discipline, ethics and holistic development through multifarious activities such as corporate panel discussion, concurrent projects, guest lectures, sports, yoga, Buddhists learning, cultural activities, etc. ensures that our students are better equipped to tackle the challenges of the industry head-on.

Our Philosophy Is Our Biggest Strength

SIMSR is a not-for-profit organization with the philosophy of giving back to society what you receive from it, multi-fold. That is why the students selected are of better talent and are nurtured here with the sole objective of making them world class business leaders.

Industry Readiness

Our programmes and curricula have been specially designed to suit specific industry requirements so our students are better equipped and industry ready when they leave the institute.

INFRASTRUCTURE "OUR ARENA OF LEARNING"

Institute Building

The Institute with the state of art teaching facilities, sports and culture makes it a true center of academic excellence. The Institute is housed in two adjacent spacious, wellfurnished and air conditioned buildings of around 1,50,000 sq. feet surrounded by lush green gardens and trees.

Library

The fully computerized library has more than 93,000 books, CD's and video films. Housed in an area of 7,000 s, fee the library offers access to online data bases like EBSCO, PROQUEST, CRISIL, Euro monitor, WARC, Frost & Sullivan and financial database like CMLE PROWESS which provide online access to over 8,000 national and internationaljournals, research papers, articles, disextations and financial data. The library also subscribes to a wide range of national and international ournals, research papers, articles, disextations and international newspapers, magazines and journals.

Sports facilities

SPARIS FAMIL

The founders and trustees of the institute have always strived to create a warm and healthy environment for the students as well as the faculty and staff. The Somaiya campus is built such that it ensures holistic development. Keeping in mind needs of the students, the campus offers a variety of sports facilities. Students can engage in a wide range of sports which enable fitness, rejuvenation and stress busiting. These state of the arf facilities are well maintained and can also be put to use by students who wish to pursue a career in sports. In addition to this, professional coaching and training is also available.

The institute campus nestles a 400m running track with a football ground, a multi-sport basketball cum rink football court, a cricket ground, tennis, badminton, squash, and volleyball courts. A 50m swimming pool which is under construction will be ready by 2020.

Hostel / Accommodation

The Institute offers on-campus separate hostel facilities namely, MAITREYI and SANDIPANI for boys and girls of all the Programmes. The hostel offers 660 beds and 20 faculty residences.

The hostel has facilities like 24x7 internet facility, Laundromat, student mess, activity room and a well-equipped gym.

The Girls' Hostel MAITREYI was inaugurated by Hon'ble Chief Minister of Maharashtra, Shri Devendra Fadnavis.

Medical facilities

Student residents requiring medical attention can consult the doctor free of charge, who visits the campus based on a regular schedule. Student residents can also avail facilities available in K.J. Somaiya Medical College and Research Center situated near to the campus.

MEDICAL FACILITIES

Other facilities

Students have the option of learning additional courses like yoga and several foreign and oriental languages including Mandarin, Spanish, Italian, German, French, Japanese, Sanskrit and Pali. Several spiritual sessions are also conducted at the campus for the benefit of the students and faculty.

It has got state of the art auditoriums (Nalanda & Takshashila) and an Amphitheatre for various activities, conferences & events.



Computing facilities

The computer center is one of the best equipped IT centers geared to aid the learning process. Software package like SPSS, SAP-EBP, Rational Rose enable in conducting data analysis for business and marketing research activities, analysis of case studies, preparation of summer training projects and concurrent projects.

Canteens

The canteen is in the administrative block and is of around 2,250 sq feet which is located on the ground floor of the institute building. It is very well ventilated and has a seating arrangement of more than 100 students at a time. This is complimented by a covered open air seating arrangement with lots of greency that makes it a great place where students can gettogether to discuss their assignments and projects over cupsoftea / coffee and tasty food bites.



ACADS

Some of the important events driven by student clubs and forums are:

Spriha - The Summer Internship Project Competition Melange - The Annual Inter Collegiate Festival of SIMSR Nostalgia - The Annual Home coming event for all SIMSR alumni. Samavesh - Sharing of knowledge and experiences of preachers and Industry practitioners. SIMSR FCB ULKA COMSTRAT - Inter institute communication strategy live case study competition. (An All Human Equation - HR event encouraging professionals to discuss issues regarding challenges in HR Stratinova - Case study, video making and Print Ad competition. Yudh - Inter B-School Sports competition. Navikaran - The Marketing festival at SIMSR Global Conferences and Workshops - These comprises of Research seminars, workshops, competition Investrix - The finance festival at SIMSR. Enactus - Social and Innovation driven Entrepreneurial cell. Pangea - Annual International Business Conference. Commercio - Annual Inter B-School competition. NRS - National Retail Summit Metamorph - Annual festival of Part-time Management Students. Ouantinuum - Quantitative & Analytics club of SIMSR. ICON - Annual festival showcasing IT and other extra-curricular skills of MCA students. E-Week - Annual event collaborating with National Entrepreneurship Network inculcating in students

Holi Celebration

Guest Speaker





mca@ SIMSR

Master of Computer Applications (MCA) is a University of Mumbai program recognized by AICET. The school has been training future Information Technology professionals, since 2006. It has produced several merit rank holders at University and has been granted Autonomous status, since 2013. This three-years, six semester program includes courses from technology applications and techno-management areas that are in-line with the industry requirements. Apart from core course, students are provided with value-added courses and are encouraged to opt for on-line certificate courses offered through NPTEL. Keeping with the trends, school has organized several workshops and hackathon for the students to enhance their coding and other IT/Jusiness related skills. The school organizes three flagship events with the help of MCA students namely ICON, Round Table Conference in IT and SICTIM (Somaya International Conference on Technology and Information Management). The components for completion of their degree requirement.

The Program aims at the following objectives

- Conceptual and analytical skills building leading to better understanding of the business environment
- Provide knowledge to students to design a system which can meet the constraints of security, applicability and compatibility.
- Strong and repeated interaction with the Industry to understand the latest trends and developments in the IT industry
- Motivate students to come up with the innovative solutions for solving the complex problems for betterment of the society.

K.J Somaiya Institute of Management Studies and Research (SIMSR) conducts many events organized by different Companies as part of the placement process. Some of the events include Quiz Contest conducted by General Mills, Kakushin by Nomura, etc.

Campus Connect By General Mills Inc.:

The Quiz Contest was part of the Campus Connect program by General Mills. More than 200 students participated for the Quiz Contest from across 5 different institutes. It was a one day event wherein 5 Teams were selected for the final round.

Kakushin by Nomura Holdings Inc.:

Kakushin is an annual hackathon conducted by Nomura India for past two years (2018 and 2019). It is conducted during the placement season when the company sends invites to top colleges where any IT student can register and apply. It is a multiple round hackathon where the planning, management, technical, communication skills of students are tested as to how you tackle the real life problem with help of technology.

SIMSR MCA Students have won and been in top 3 ranks for both the years. It is a great opportunity to learn and apply your skills technically as well as innovatively which could result in getting an internship or PPO in the company itself.

Hackathon (Two Days Hackathon at SIMSR)

CSI Student Chapter at SIMSR along with SAP Next Gen Lab organized a HACKATHON on Machine Learning.

The purpose of this hackathon was to provide specialized information on machine Learning Using SAP to students.

Seminar on Block chain Technology

IEEE Student Branch of SIMSR organized a seminar on Block chain Technology on 29th January, 2019 at K J Somaiya Institute of Management Studies and Research. The Keynote speaker for the event was Mr. Prasana Lohar, Head Innovations and Architecture at DCB Bank

This was a second session organized by IEEE-SB SIMSR and Department of IT at K) SIMSR under the Theme of 'Skill and Knowledge Enhancement Program'

COURSE CURRICULUM (2017-2020)



Semester I (2017-2020)

Sr. No.	Course Name
	Concepts in Web Technology (HTML/CSS/PHP) – with different servers

Semester II

Sr. No.	Course Name



Sr. No.	Course Name
1	Design and Analysis of Algorithm
2	Advance Java
3	Distributed Computing
4	Software Engineering (i/c Agile Methodology)
5	Introduction to Mobile Computing
6	Advance Java Lab
7	Application Development Lab
8	OOAD Lab
9	Communication & Soft Skills

Semester IV

	Course Name
1	Management Processes and Practices
2	Business Analysis
3	Advance Database Techniques
4	Computer Graphics and Image Processing
5	Dot Net Programming
6	Operations Research
7	Elective 1 (Select any 1) :
	a. Artificial Intelligence
	b. Embedded System
8	Elective 2 (Select any 1) :
	a. Digital Marketing
	b. E-Business
9	Advance Database Techniques Lab
10	Dot Lab
11	Computer Graphics and Image Processing Lab
12	Communication and Soft Skills



Semester V

Sr. No.	Course Name
	Concepts In ERP
	Information Security Management
	Python Programming
	Big Data Analytics
	Cloud Computing and Internet of Things
	a. Analytics using R programming
	Elective 4 (Select any 1) :
	a. Interface Designing
	b. Information Technology Infrastructure Library
	Python Programming Lab
	Big Data Analytics Lab
	Software Testing Lab
	Mini Project

Semester VI

Sr. No.	Course Name
	Project – II (Internship Project)
	Research Paper

SICTIM

Annual Conference organized by Area -Information Technology of K J Somaiya Institute of Management Studies and Research (SIMSR)

Somaja International Conference on Technology and Information Management (SICHM) is an annual conference organized by Area -Information Technology of K). Somaja Institute of Management Studies and Research (SIMSR) inviting students, researchers and practitioners from the field of Information Technology and Management The conference every year aims at exchanging idasa, pathancing thought processes and capturing the views from designers and developers of technological solution as well as strategist, analysts and users of these solutions with a definite theme in mind.

This year, the 5th edition was successfully organized on Jan 12, 2019 with the theme "Digital Transformation-the Change Calalyst." There were 17 papers presented during the conference with two dedicated track themes – papers in the area "Technology and Management" and "Core Technical". The papers from "Technology and Management track" was published in a special size of findin public and for Core Technological track" got published in International Organization of Scientific Research Journal of Engineering (OSR-IRI).

ICON 2019

The department of MCA hosted 'Icon 2019' on 21st and 22nd February 2019 with the theme 'Cinematicon – Technical aspects of Cinema'.

It was a two-day event. The first day had various events like Prebuzz, Counter Strike, PUBG etc. The prebuzz consisted of various games like YankMe, Flip the Bottle etc. purely intended for entertainment. The highlight of the day was MSI gaming where participants played games based on Virtual Reality. It was a great learning experience for the students.

The second day had Gallery, inaugurated by our Provest. Dr. Rajasekharan Pillaias our chief guest which consisted of various working models like the interactive R2D2, objectsensor-based car - Shaantabai, LiFi - based on light sensing etc. The event was graced by Youtubers like Niket Shah of Niket Shah Plus and Navin Reddy of Telusko Learning. Other events included Rink Football, Box Cricket, Presentacon – a presentation-based event. Coding events like Bug-bebug. Codohuntetc.

The event was sponsored by Shri Mahila Gruh Udyog Lijat Papad, The Souled Store as our official gifting partner, Friends Corner, R Steam Hot, JoyBox, Laveros_Cubo as our gaming gifting partner, among many others. The event wouldn't have been a grand success without them. The guests for the valedictory function were Mr. Amit Modak and Mr. Mayank Chandan who are alumni of the college. The winners of the various events received their cash prizes with hampers.

PROFILE

The 2017-2020 Batch is the Twelfth batch to pass out of K J SIMSR. The batch has students mostly with degrees such as BSc-IT, BCA and BCS which are relevant to the requirement of Industry.

Educational Qualification



The gender ratio at the MCA programme is approx. 3: 1 Male to Female.



STUDENTS **PROFILE**



Shivam Vinay Agarwal B.Com



Nirali Rasik Andaria BCA



Reena Khimji Bhanushali B.Sc IT



Kunal Anant Bhat B.Sc CS



Aditi Drupad Bhatt B.Com



Tanuja Mahendra Bodas B.Sc IT



Rushabh Rakesh Buch B.Sc IT



Akshay Ajay Chaturvedi B.Com



Mayur Satish Chawda B.Sc IT



Ronak Suresh Chhajed BCA

STUDENTS **PROFILE**



Ishita Bhavesh Desai B.Com



Manali Suhas Dixit B.Sc IT



Avani Jeetu Gada B.Sc IT



Kalpesh Shamji Gami B.Sc CS



Jitesh Umesh Gupta B.Com



Nilesh Dinesh Jain BCA



Rishabh AK Jain B.Sc IT



havik Suresh Jethava B.Sc IT



Advait Avadhoot Joshi B.Sc IT



Kashmira Atul Kalsekar B.Sc IT

STUDENTS **PROFILE**



Rahul Shailesh Kawa B.Sc CS



Khan Mohd Umar Sufiyan B.Sc IT



Ayushrai Alokrai Khare B.Sc IT



Kruti Mahendra Kothari BCA



Mohit Sandeep Kudi B.Sc IT



Suraj Pravin Lakhani BCA



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Vishal Bharat Mogal B.Sc IT

STUDENTS **PROFILE**



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Bhavin Deepak Patel B.Sc CS



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STUDENTS PROFILE



Saiprasad Anand Prabhu B.Sc IT



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STUDENTS **PROFILE**



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Hemankshree Vinod Tank BCA



Apurva Vishnu Tatode B.Sc IT



Shaalvin Sanjay Tripathi BCA

26



Gaurav Sonu Umbarkar B.Sc IT



Amar Kumar Basti Ram Yadav B.Sc IT



Vikas Samai Yadav B.Sc IT

PLACEMENT **PROCESS**

- The Internship involves project work during the last semester of the MCA course, which is mandatory as per University of Mumbai norms. Companies can select the students for either the project alone or project followed by confirmed job placements after the six-month Internship.
- A 'Pre Placement Talk' (PPT) is expected to be delivered by the company to the students whereby job profiles, career growth path and compensation package is shared by the company. These PPT dates are fixed as per mutual convenience.



COMPANIES @ NeoSOFT Achievers Mastek 2 HANS INFOTECH MAG NEWGEN Software YARDI NOMURA Johnson-Johnson infosoft SHIRS CSC Infosvs PROTON PALADION Tech General V2SOLUTIONS Mahindra Mills amdocs C wipro TATA SUNICEL GlobalLogic' L&T Infotech asianpaints RELIANCE TEXAS INSTRUMENTS BLUE STAR IDBI BANK PROGEN PERSISTENT Systenics tricom SYSTEMS SBI Life TAAR INNIUT Rave Capgemini WISDMLABS accenture Sapient INGRAM MICRO ORACLE ZenSa BNP PARIBAS trekbin Covansys[®] ZYCUS Morgan Stanley E ZEUS MAJESCO Atos CLSA netCORE trampoline Origin **Deloitte** Mphasis RSM iraje

Click on the map to know your way to SIMSR



SIMSR Address

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