ST. ANDREWS

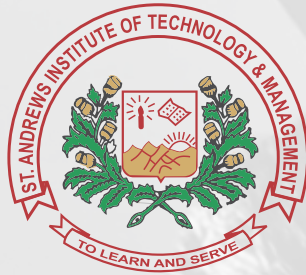## INSTITUTE OF TECHNOLOGY & MANAGEMENT

Gurugram-Delhi(NCR)

Approved by AICTE, Govt. of India | **Affiliated to Maharshi Dayanand University** | **A$^+$ Grade State University Accredited by NAAC**

St. Andrews Institute of Technology & Management is located in the industrial hub of India Gurugram, Delhi (NCR). It is spread across 22 acres of lush green campus with globally acknowledged infrastructure. The classrooms are centrally air-conditioned, equipped with the modern technology for teaching.

Good education encompasses instilling moral, aesthetic, athletic and intellectual values in the citizens of tomorrow. St. Andrews is the best place to achieve this kind of education. Affiliated to MDU and approved by All India Council for Technical Education (AICTE), this college has lush green surroundings which provides conductive environment for the students to grow not only as good engineers/managers but also as world class citizens too.

The Teaching and Non-Teaching staff of the institute is a blend of experienced and young dynamic faculty members devoted to the noble cause of education. We, at St. Andrews look towards creating a workforce that lives and breathes the same spirit. We give importance to practical training, self-learning, coupled with discipline, which attracts students from overall India.

29+ YEARS
of excellence in education sector

50+
well equipped workshops

20+
states students

10:1
student to faculty ratio

22+
Acres of lush green campus

ST. ANDREWS
EDUCATION
G R O U P

The St. Andrews education group was formed with an aim to impart comprehensive quality education to develop the varied asset of a Learner's personality i.e physical, intellectual, spiritual & emotional.

The first institute was started in 1988 with the dedicated efforts of the management with a dream to establish educational institutions that would impart education to help students to develop their potential to their fullest. Armed with confidence and determination, to achieve success in all their endeavours.

The management believes that there is always room for further improvement and evinces keen interest in all the new developments in the field of education. The idea is to develop a modern outlook in the students with their roots embedded in the Indian culture and mould them into progressive and responsible citizen.

St. Andrews Scots Sr. Sec. School
IP Extension, New Delhi - 110092

St. Andrews Scots School
Patparganj

St. Andrews Scots School
Jagatpuri

St. Andrews Scots School
Krishna Nagar

St. Andrews Institute of Technology & Management
Gurugram-Delhi (NCR)

5 campuses in Delhi (NCR)	**7000+** Enrolled students	**250+** total faculties	**20000+** Total Alumni

Mr. H.L. Rana
Founder Chairman

It is the goal of every life to be a part of a noble cause. My association with St. Andrews Institute of Technology & Management helps me to fulfill it.

There is no great satisfaction than to be able to help the nation's next generation of winners and champions find their true calling in life.

By combining the finest learning paradigms with the most relevant industry-facing curriculum, by weaving cutting-edge pedagogical methods with the latest resources, by forging critical links worth corporate, and fostering a holistic ecosystem of learning, sharing and growth, St. Andrews empowers its students to reach their cherished career destination.

With an ambitious growth road map ahead of us, we plan to go from strength to strength in the years to come. But our goal will remain unchanged.

Vision of the Institution

Making the Institute emerge as the alma mater for students that broadens horizon, inspires and empowers them to dream the impossible and yet keeps them grounded so as not to lose touch with reality. We believe in upholding the true culture of the educationist,

Mrs. P.L. Rana
Founder Principal

We are heading towards a new era that would best be described, as written by Charles Dickens, "It was the best of times, it was the worst of times : it was the age of wisdom, it was the age of foolishness"

The scenario today with young minds exposed to the internet and the pitfalls alarming indeed. The need of the hour is constant counselling at home and in the institution. Also it is imperative the we ensure the our children are absorbed in some activities like sports, music or art beside academics. This will channelize the children's mind in constructive activities.

We always highlight the achievements of our students to motivate their peer group and also their juniors to aim for excellence. I am glad that our making all efforts to ensure that the young minds are trained well to take on the challenge and make their mark in the global arena.

being the quintessential learner - incorporating new ideas to add new dimension to holistic learning and motivating students to realize their potential and capitalize on the their strengths. Our missions is to empower the new generation on truly global Indians to enrich thought & lives.

Rohit Rana
Vice Chairman
Masters of Science, Rochester Institute of Technology, New York
Bachelors of Technology, Auburn University

VICE CHAIRMAN'S MESSAGE

The world is shrinking to evolve into a global village. New age borderless workspaces demand multi-faceted professionals who can function efficiently under change. As a premier institution, our Mission at SAITM is to transform the lives of our students and provide the industry with ethical global leaders for the 21st Century, who are sensitive towards protecting the environment and are passionate about making significant societal contributions. At SAITM, we inculcate in students the right attitude and train them to become ambitious, dynamic thought leaders who will take on the challenges of the modern world.

With the demography of young in age and in spirit, it is our duty to ensure the quality education which is rich in values and modern in content. The pedagogy at SAITM lays the foundation for conceptual understanding in the students to excel in their careers ahead. Our students are a part of the best brands of the industry and continue to receive laurels for good work. Our unmatched dedication and commitment shape requisite knowledge and positive attitude, by giving access to the best of the facilities and learning environment.

We encourage collaborative efforts through experiential learning, thereby enabling the students to achieve new milestones in their journey of development and learning. Our students are mentored thoroughly with an intense desire to serve society in the most efficient manner. We inculcate leadership traits in our students for the maximization of productivity and sustainable development.

I convey heartfelt congratulations and welcome you to be a part of the SAITM family.

Mission of the Institution

To be a catalyst in creating the learning process with focus on polishing the entrepreneurial, managerial and leadership qualities of budding talent with the focus on shaping the society. Special focus will be on development of technical knowledge and professional skills which is required in changing scenarios of business with current and future prospects. The institute will be recognized as a leader because of its academic strength in technical education.

DIRECTOR 'S MESSAGE

St Andrews has been a leader in science education for more than 3 decades, We build educational programs that prepare its students to make a difference in the world. The talent we ducat, help in building better future. Education is expanding its portfolio of programs and its reach to meet the demand. St. Andrews is able to offer students not only short, intensive courses on campus each semester but increasingly, programs with global relevance at various locations around the wold. Those who want to explore subjects in depth and / or re-enter the technology workforce after a hiatus, St. Andrews is the best place. I encourage you to explore all that St. Andrews Professional Education has to offer.

Dr. Jugnesh Kumar
Academic Director
SAITM

DEAN'S MESSAGE

Today, more than ever, the world demands young managers and business leaders who can lead businesses to the forefront of the global economy, or those who can steer global businesses to succeed in emerging markets. With a **top industry experienced faculty known for its focus in providing sector specialization management thought leadership and data driven insights, SAITM prepares students for that role, giving them that critical edge for success.**

Dr Lalit Kumar Sharma
Dean
SAITM

SAITM has achieved a **29-year tradition in delivering an experiential learning experience that is relevant, rigorous and rewarding.**

Our role is to challenge and inspire students, and ultimately enabling them to achieve their potential for both professional and personal growth. Indeed, SAITM is an exciting place to study and grow. The remarkable success of the Institute has been made possible through the dedication and talent of our faculty and staff, the high quality of our students, and the achievements of our alumni in diverse organizations throughout the world.

Goals

- Improving the quality of technical education to create better and employable human resources to match with changing business environment
- Sharing the resources (Infrastructure and Academic Experience) with other institutions and helping them in their development
- Creating the environment for developing entrepreneurship in society
- Developing and maintaining the high degree of ethical and professional standards in imparting the technical education and ensuring growth & development of all stakeholders

AWARDS AND ACHIEVEMENTS

Time Engineering Ranking

In the most prestigious "Times Engineering" ranking survey published by the national news paper "The Times of India" the college was ranked 8 among the 10,000 engineering colleges and universities in India. The basis of ranking was infrastructure, faculty strength and placements

India Today Ranking

The college was also ranked in of the most prestigious Surveys conducted by the INDIA TODAY group, where the college was featured among the Top 30 in INDIA in academics.

The New Hostel block architecture was awarded the second prize in Delhi Architecture Festival (DAF).

The DAF awards are integral part of the Delhi Architecture Festival. Architects from across the nation enter projects in a wide variety of sectors from hotels to houses, future master plans to hospitals

Best Institution Award

Awarded by renowned Bollywood director Mr. Madhur Bhandarkar for the best Institution in India.

Republic Day Parade

The institution had won 1st prize among all the performances in the Republic Day.

Participation in NASA

A proud moment for out institution that our students won the All India NASA quiz competition and got a chance to represent the institution at Kennedy space center Orlando NASA.

National education summit & Award (Best Engineering college for promoting industry academic interface)

St. Andrews career development center believes in developing students into individuals who are skilled at the top most level of their professional studies. For the same our academic programs are developed in accordance with the industry needs. It was an honor that the same fact was acknowledged by the honorable governor Smt. Mridula Sinha ji during National Education Summit and Excellence Awards held at international center Goa.

Vice Chairman Shikshak Sang Award.

This felicitation is extended to individuals for their contribution in the higher education field.

RTF sustainability award

The architecture of the college building was awarded 1st rank internationally among the Best student accommodation in the RTF sustainability award.

SALIENT FEATURES

- 22 Acres of campus in serene and eco friendly environment.

- 75 Mbps dedicated line of Internet and WIFI enabled campus.

- Censtrally Air-conditioned, impressive building with spacious classrooms, symposium areas and auditorium.

- Placement Cell for training, counseling and grooming of students for placement in reputed organizations.

- Central computer centre equipped with the latest technology.

- Job oriented training including soft skill development.

- Well equipped laboratories with the latest available technologies.

- Industrial Tour, Live Projects, Internship

- Language laboratory to emphasize on communication proficiency.

- Cafeteria and compact shop for daily requirements of students.

- Massive and well equipped digital library.

- Separate Hostel accommodation for boys and girls.

- Dedicated and experienced faculty from IIT's, NIT's with rich academics and research credentials.
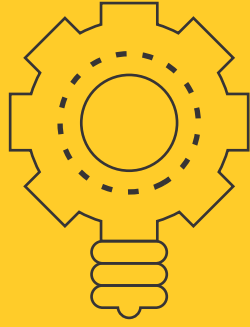
- Excellent Indoor and outdoor sports facilities.

- Strategic teaching for all round development of career and personality.

- Air conditioned buses from Delhi (NCR)

BE PART OF A
TECHNO
LOGICAL
FUTURE

COMPUTER SCIENCE ENGINEERING
4 Years (8 Semesters)

The computer science engineering (CSE) is the computational approach that focuses on the basic elements of computer programming & networking. It deals in design, implementation and management of information system of both hardware and software. The department of Computer Science & Engineering is well established and equipped with modern technologies. Highly experienced intellectuals bring their expertise in research and teaching to help students develop problem solving and learning skills in a fast evolving discipline to prepare them for diverse industrial and academic fields. Computer science engineers can design and develop software application for different industries. He is involved in the design and development of the hardware components of computers and develops software for peripheral computing devices such as printers, modems and scanners.

Important Topics to Learn

1. **Algorithms and analysis design :** It is the process of solving a problem step by step.
2. **Computer Networks :** It focuses on various topologies fo communication among devices.
3. **Fundamental of computer application :** It deals with the basic components of computer system.
4. **Database management system :** It manages data of organization by creating databases, indexes, triggers, cursors and procedures.
5. **Computer architecture and organization :** It describes the flow of data within a computer system and processing capabilities of it.
6. **Principles of software engineering :** It describes the life cycle of a software product.
7. **Theory of automata computation :** It deals with computation and logic creation of a problem.
8. **Artificial Intelligence :** It deals with creation of virtual minds like robots.
9. **Compiler design :** It deals with parsing of various computer languages and checking their syntax and semantics.

Labs

- Data Structure using C Lab
- Internet Lab
- Multimedia Lab
- Operating System Lab
- Computer Graphics Lab
- Database Mgmt System Lab
- Web Development Lab
- Core & Advanced Java Lab
- Digital Electronics Lab
- Neural Network Lab
- Advanced Java Lab
- Compiler Design Lab
- Microprocessor Lab
- Visual Programming Lab

COMPUTER SCIENCE ENGINEERING WITH ARTIFICIAL INTELLIGENCE / MACHINE LEARNING

4 Years (8 Semesters)

Artificial intelligence and machine learning is one of the booming industry in the field of Computer science and Engineering. The big data and automation is our present and future. This course focuses on the student's basic problem solving skill and helps them become industry ready. The department of Artificial intelligence and machine learning is well established and equipped with modern technologies. Highly experienced scholars expertise in research and industrial background are here to guide students through the curriculum. Various project based laboratory and course structure with industrial internship experience evolve students from their shell and shape them for industry.

With this course student can pursue career as Machine learning/ artificial intelligence researcher, scientist, data scientist, data analyst, business analyst, statistician and many more. This course is highly interdisciplinary and student can work from retail, finance, marketing, medical, education, and government etc., sector(s).

Important topics to learn

1. **Artificial intelligence:** Automation of algorithm for optimized operation.
2. **Machine learning:** Automating the computational device using previous experience and make future prediction.
3. **Algorithm and analysis design:** Process of solving computational problem in procedural way.
4. **Compiler design:** Learn about the working of compilers and interaction of code with hardware at various stages.
5. **Database management system:** Storing, retrieving and managing of the data.
6. **Data warehouse and data mining:** learning about the patterns and components of big data.
7. **Data science:** Learning about various machines learning model application in various sectors.
8. **Linear algebra, probability and statistics:** Help to understand the model generation in machine learning
9. **Pattern recognition:** Image analysis by using machine learning techniques.
10. **Computer networks:** it focuses on various topologies for communication among devices.

Labs

- Data structure using C lab
- Algorithm and analysis using Python lab
- Neural network lab
- Artificial intelligence lab
- Machine learning lab
- R and SAP lab

COMPUTER SCIENCE AND TECHNOLOGY
4 Years (8 Semesters)

Computer Science and Technology encompasses various subjects related to computation and applications of computing like, development of algorithms, analysis of algorithms programming languages, e-commerce, business information etc. This course has roots in electrical engineering, mathematics, and linguistics. This course will see an exponential growth as the future machines work on any automation system.

The Computer Science Technology Program equips students with the most in-demand skills needed for a career in software development or other information technology fields. In our state-of-the-industry labs, your hands-on learning experience will cover web applications, mobile apps, business software, automation tools and machine learning. The Computer Science faculty pride themselves on incorporating the latest technology in their courses. The program concludes with an internship, which helps launch students into a successful career.The Computer Science Technology Program also prepares students to pursue university studies in programs related to the field, such as Computer Science, Software Engineering and Computer Engineering.

Important topics to learn

1. **Computer organization and architecture:** The base of computer system, hardware and pipelining.
2. **Web application and development:** Learn about HTML, CSS, JS, XML, PHP like language to build interactive web pages and web tool.
3. **Programming and problem solving:** Teach the problem solving skill for the computational system.
4. **Algorithm and analysis design:** Process of solving computational problem in procedural way.
5. **Compiler design:** Learn about the working of compilers and interaction of code with hardware at various stages.
6. **Database management system:** Storing, retrieving and managing of the data.
7. **Computer networks:** it focuses on various topologies for communication among devices.
8. **Theory of computation:** The working of grammar and language in computers
9. **Data structures with object oriented program:** Programming languages like python, C++, Java for learning structures of data

Labs

- Data structure using C lab
- Algorithm and analysis using C++ lab
- Internet Lab
- Multimedia lab
- Operating system lab
- Computer graphics lab
- Web development lab
- Database management lab
- Digital electronic lab
- Microprocessor lab

Careers after the course

- Software application developer
- Computer system analyst
- Software system developer
- Web developer
- Network system administrator
- Database administrator

Corporates Hiring

Salary Package

- Fresher's   :   4.0 LPA - 15.0 LPA
- Experienced   :   5.0 LPA - 18.0 LPA

MECHANICAL ENGINEERING
4 Years (8 Semesters)

Mechanical engineering is one of the broadest engineering field which deals in research, design, develop, build and test mechanical and thermal sensors, devices; including tools, engines and machines, using analysis and computer aided designing. It is a professional program that applies engineering, physics and material science principles to design, analyze, manufacture and maintain mechanical systems. The department of mechanical engineering has a panel of well qualified and reliable multi discipline faculties that expertise the students in generation, distribution, processing of materials; the control and automation of manufacturing systems. State of the art laboratories are a predominant feature of the department of mechanical engineering.

Important Topics to Learn

1. **Turbo charging :** Same as supercharging. Here the compressor is driven by a gas turbine, which in turn is powered by the exhaust gas from the engine.
2. **Scavenging :** The process of removal of the residual exhaust gas in an I.C engine cylinder, by mixing it with some fresh intake air.
3. **Governor :** A mechanical speed controlling device, operating on the Principle of centrifugal force.
4. **Super heater :** It's function is to heat the steam and to make it as dry as possible.
5. **Machine tool :** Machines used for manufacturing components, by means of material removal process example : lathe, milling, shaper, etc.
6. **Strain :** The ratio of the deformation caused in the body, when the load is applied, to the original dimension.
7. **Second law of thermodynamics :** The efficiency of no machine is cent percent.

Labs

- Computer Aided Design Lab
- Engineering Machanics Lab
- Material Science Lab
- Kitnematics Of Machine Lab
- Strength Of Material Lab
- Fluid Mechanics Lab
- Steam & Power Generation Lab
- Dynamics Of Machine Lab
- Fluid Machinery Lab
- Ic Engine And Gas Turbine Lab
- Manufacturing Technology Lab
- Applied Numericals Techniques & Computer Lab
- Automobile Engineering Lab
- Heat Transfer Lab
- Measurements & Instrumentation Lab
- Refrigeration & Air Conditioning Lab
- Advanced Cam/Cad Lab

Careers after the course

- Mechanical engineering
- Product design engineer
- Research and development engineer
- Production engineer

Labs

- Plant engineer
- Technical Engineer
- Quality control engineer
- Manufacturing System Engineer

Corporates Hiring

Salary Package

- Fresher's   :   3.0 LPA - 5.0 LPA
- Experienced   :   4.0 LPA - 7.0 LPA

ELECTRONICS AND TELECOMMUNICATION ENGINEERING
4 Years (8 Semesters)

Engineering is a popular and specialized industry. Electronics engineers design, develop and test components, devices, systems or equipment that use electricity as part of their source of power. These components include capacitors, diodes, resistors and transistors. An electronic and telecommunication engineer will systematically improve the detailed design of a piece of electronic equipment. He will be getting practical problem-solving abilities to improve design; oral, written and diagrammatic communication skills. This multidisciplinary in nature, representing an indisputable synergy of different technologies ranging from Artificial Neural Networks, Fuzzy Logic, Micro-Controllers, and Digital Signal Processing.

Important Topics to Learn

1. **MOSFET :** Metal Oxide Semiconductor Field Transistor. It is a voltage control device. It can be used as switch or an amplifier. These are of two types : Enhancement type & Depletion type. It is used in VLSI technology.

2. **DAC :** Digital to Analog converters. It is used to convert digital signal to analog. It is of two type : Weighted resistor type and R2R adder type.

3. **ADC :** Analog to Digital converter. It is used to convert analog signal into digital. It is of following types : Ramp type, Successive approximation type & Flash type.

4. **Ampere circuit law :** It is used to find the magnetic field intensity produced through current carrying wire.

5. **Zener Diode :** It is most commonly used as voltage regulator. Other diodes are : tunnel Diodes, varacter Diodes, Photo Diodes, Light Emitting Diodes.

6. **OP-AMP :** Operational Amplifier. It is a very high gain differential amplifier. It can perform various mathematical functions like : summing, integration, differentiation. It amplifies the signal and reduces the noise.

Labs

- Electrical machine lab
- Semiconductor devices and circuit lab
- Analog & communication lab
- Data structure lab
- Electronics measurement lab
- Digital electronics lab
- Computational technology
- Linear integrated circuit lab
- Microprocessor lab
- Digital communication circuit lab
- Electronics design lab
- VHDL lab
- Digital signal processing lab
- Microwave lab
- Audio visual electronics lab

Careers after the course

- Signal System engineer
- System engineer
- Junior telecom officer

- Telecommunication engineer
- Radar engineer
- Indian army/navy

Corporates Hiring

Salary package

- Fresher's   :   4.0 LPA - 6.0 LPA
- Experienced :   5.0 LPA - 8.0 LPA

MASTER OF BUSINESS ADMINISTRATION
2 Years (4 Semesters)

MBA is a 2-year regular program available for graduates interested in pursuing a career in Business and Administration. Approved and accredited by AICTE and MDU respectively, SAITM's MBA is a coveted course with limited seats of 60 students. The purpose of MBA Degree Program is to train the students in different functional areas of the management and ensure the holistic development of all individuals and the organization. The program offers following specializations at present in MBA for the students to choose from:

1. **Marketing**
2. **Finance**
3. **Human resource**
4. **Others (As per University Guidelines)**

Apart from university syllabus, need based courses have been identified and developed as per the requirements of industry and will be evaluated by senior academicians from reputed institutions and senior executives from industries.
Program Highlights

Employability enhancement with the upgradation of professional skills

1 **Industry Academia Interface:** The institute has strong academia and industry interface to supplement live projects and Internships juxtaposed with corporate guest lectures, CEO talk series, curriculum design and workshops, among others.

2 **Research and Development Activities:** It also offers research-based activities to make students industry ready for taking on real life challenges.

3 **Profile Based Training:** Students are given specialized training on specific profiles under domains of Marketing, Finance & Human resource. This makes the curriculum and the practical training aligned with industry's specific needs & requirements.

4 **Career Oriented Certifications:** Finance Analytics, Financial Modeling, NISM/NIFM, IRDA, Marketing Analytics, Digital Marketing, HR Analytics, Online Recruitment, Business Analytics, SAP/ERP Training, Advance Excel, SPSS, PDP, Professional Communication

5 Value added modules on Personality development, Aptitude sessions and Communication Skills

Industry Oriented Value Added Modules

1. **FINANCE:** Developments in Stock Market, Financial Modeling

2. **MARKETING:** Sales & Distribution Management, Digital Marketing

3. **HUMAN RESOURCE:** Talent Acquisition

4. **INTERNATIONAL BUSINESS:** Export-Import Documentation and Process, Understanding International Payment

5. **INFORMATION TECHNOLOGY:** Web Commerce, Advance Excel and Cyber Security

6. **High return on Investment (ROI)**

Program Structure
Syllabus

First Semester:

- Management Concepts and Organizational Behavior
- Managerial Economics
- Accounting For Managers
- Business Statistics and Analytics
- Operations Management
- Computer Fundamentals and Office Automation Tools
- Business Environment
-

Second Semester:

- Financial Management
- Marketing Management
- Human Resource Management
- Business Research Methods
- IT Infrastructure Management
- Comprehensive viva-voce
- Foundation Elective Course (Provided by University)
- Open Elective Course (Provided by

Third Semester:

- Strategic Management
- Corporate Laws
- Operations Research
- Summer Training Report
- Open Elective Course (Provided by University)
- Dual Specialization: Elective 1
- Dual Specialization: Elective 2

Fourth Semester:

- B2B Marketing
- CSR and Business Ethics
- Project Report
- Comprehensive Viva-voce
- Dual Specialization: Elective 3
- Dual Specialization: Elective 4

Teaching Pedagogy

- **Classroom Discussion:** The enriching lectures & discussions are key to learning concepts.
- **Case Studies:** To enhance analytical skills and lateral thinking
- **Business Simulation:** These help the students to apply theoretical concepts into real life decision making
- **Research Projects:** Help to gain insight in every facet of management
- **Webinars/Workshops:** Unleash true potential
- **Expert Talk/Guest Lecture:** Industry experts share their corporate experience and learning
- **Winter Internship/Summer Internship/Live Projects:** Blend theory with practice through experiential learning
- **Mentorship:** Guidance from faculty and industry professionals on different aspects of work and life
- **Personality Development Program (PDP):** For developing industry ready professionals

Career Support & Services with Placement Highlights

SAITM ensures 100% placement assistance for its MBA aspirants and works dedicatedly towards preparing them for the corporate world ahead. Be it workshops and seminars, timely industry visits or technical training, the institute ensures its students are placement-ready in all aspects of career.

Salient Features:

- KSA Development
- JD Based Training
- Live Projects
- Paid Winter & Summer Internships
- International Training & Placement Opportunities
- Job Oriented Certificates
- Highly Qualified Domain Trainers
- High quality Infrastructure

Admission Process

3 steps of selection for admission:

- Application form filling
- Attempting the SAJEE examination
- Personal Interview
- Final result of admission on the basis of Graduation marks, SAJEE score, personnel

Recruiters

Application Portal:
Official website of the institute (www.saitm.ac.in)

Eligibility Criteria for Admission:
MBA admissions at SAITM are currently open for the session 2021-22. Prospective candidates must fulfill the following eligibility criteria when applying for the same.

- A candidate with the graduation in any field is eligible for MBA program at SAITM. Students appearing in graduation final year can also apply (Admission criteria will be as per University Guidelines).
- All students who fill up the application form will have to attempt an entrance exam SAJEE.

SAJEE is the national-level joint entrance exam started by SAITM for selecting candidates for its MBA program. It is a mandatory requirement for all the applicants seeking to enroll in the program. The detailed information for aspirants of SAJEE is as compiled below.

BACHELOR OF BUSINESS ADMINISTRATION
3 Years (6 Semesters)

The Bachelor of Business Administration students get an overall perspective on learning while elaborating on various fields. For a BBA student who aspires to gain a deeper appreciation of the dimensions of functional departments in the business and cross-cultural learning, this program enables the student to gain a good understanding of diverse methodologies of learning and acquires soft skills. St. Andrews have an excellent track record which opens the door to further studies and gives the chance to build industry integrated profile by participating in placement drives every year. It includes complete knowledge of leadership and management. BBA degree allows the candidates to enter in the field of management. This degree teaches the students with various aspects that are necessary for effective business management and essential for entrepreneurs and business managers. The scope of Management course is increasing day by day. Once you have completed your degree, you have a great job opportunity in the corporate world. In the management sector you can reach at the top designation, in quick span of time. It opens number of career paths in the future. In any sector, business administration experts or professionals play a very significant role. The management is the way to reach on the top of the height as soon as possible by using your leadership and working proficiency.

Important Topics to Learn

During the study period of business administration, students learn how to make business plan or business ideas more optimistic and positive that can help the industry. A management professional always plays a vital role in his/her company. Here we learn following important topics:-

- **Management –** Here students learn Principles of Business Management and Business Environment analysis and their impact on business with respect to Financial Planning & Controlling Process, Marketing Strategies, HR Strategies, etc.
- **Taxation** – In taxation student can able to compute taxable income of a person and other important aspects of taxation like TDS, deductions from Tax etc.
- **Economics** – In Economics student learn to analyse market, economic policies, price determination, market risk & policies for economic development.
- **Law** – In Business law student learn agreements, contracts & their essential elements and some other laws such as sale of goods, negotiable instruments, etc. In Company law student learn laws regarding companies & their importance in business.
- **Accounting Software –** During the course student learn fundamental of computer and accounting software such as Tally.

Careers after the course

- Finance Manager
- Business Administration Researcher
- Human Resource Manager
- Research Analyst

- Business Consultant
- Information Systems Manager
- Marketing Manager

Corporates Hiring

All sectors including government and public have various industries, companies, institutions or related organizations, come in the job prospective fields for a management professional.
After pursuing BBA, you can easily find jobs in these following areas :
- **Banks**
- **Marketing Organizations**

Salary package

- Fresher's   :   3.6 LPA - 10.0 LPA
- Experienced   :   4.0 L PA - 10.0 LPA

BACHELOR OF COMPUTER APPLICATIONS
3 Years (6 Semesters)

Bachelor of Computer Application is an undergraduate information technology course. The course provides a sound academic base from which an advanced career in computer application can be developed. The Computer Applications option gives students the full flexibility to combine a solid grounding of hardware and software. Computer Science spans a range of topics from theoretical studies of algorithms and the limits of computation to the practical issues of implementing computing systems. Students who opt for a Bachelor in Computer Applications (BCA) will get skills and information not only about Computer and Information Technology but also in communication, organization and management. One also gets to learn programming languages such as Java, C++, HTML, SQL, etc. Information about various computer applications and latest developments in IT and communication systems is also provided. Assessing the quality of education is incredibly important in ensuring that students acquire practical skills. Practical knowledge with theoretical concept helps students to acquire professional and practical skills. This is achieved by garnishing the knowledge of a student with techniques and skills. A lot of practical exposure and hard driven projects sharpen the software cones of student mind.

Important Topics to Learn

- **Computer Graphics:** Computer Graphics is an art of drawing picture on computer screen with the help of programming.
- **Logical Organization of Computers:** It emphasis on the internal working and architecture of a computer system.
- **Operating Systems:** It set up environment for proper management and control of the system
- **Web Designing:** Web designing is the process of creating websites using mark up languages like HTML and scripting.
- **Object Oriented Technology:** In this real world applications are developed using C++, Java technologies.
- **Data structure:** It phrases the data into various logical dimensions to make it flexible and easy to access.
- **Programming (C, C++, JAVA, .NET & many more):** These languages are used for developing software programs, applications and projects.

Careers after the course

With the rapid growth of IT industry in India, the demand of computer professional is increasing day by day. This increasing growth of IT industry has created a lot of opportunities fo the computer graduates. The Students can take up ample job as programmer and grow to become project manager.

- Computer Presentation Specialist
- Computer Programmer
- Hardware & Networking Engineer
- Chief Information Officer
- Computer Scientist
- Computer Support Service Specialist
- Computer System Analyst

- Database Administrator
- Information Systems Manager
- Software Developer
- Software Publisher
- Systems Administrator
- Website Designing
- Game Design, Testing and Development

Corporates Hiring

BCA holders get job in IT segments like software Services, government sector, engineering services, networking and computer hardware.

Salary package

- Fresher's   :   3.0 LPA - 5.0 LPA
- Experienced   :   3.50 LPA - 7.0 LPA

HING
...IODOLOGY

...eloping individuals with the
...e technical domain. In this
...tion every organization
...uals who are ready to solve
...he first day of work. To keep
... demand of the corporates
...ign all our courses with the
...nical training used in the

...ews are nurtured in a way
...rve themselves but also the
...yllabus has been designed
...arameter required by the
...oday. Placement is made an
...meeting the expectations of
...he students complete their
...industry and has marked
...corporating industrial visits
...ue chip companies.

...ects
...stry through Industrial visits
...orates through corporate

... level - 1
...opment programmes
...ops
...p

... Level - 2
...essions/ PDP sessions

...mission
...nal placements
...udent based on employer

...s & Interviews
...ents

WEB DE
(USER INT
PHOTOSH

This module teaches students abou
include detailed information for usir
Word Press blogs and widgets.

Course objective

- Understand the importance of the

- Understand the principles of cre
  depth consideration of informatio

- Become familiar with graphic de
  learn how to implement these the

- Develop skills in analyzing the usa

- Learn the language of the web : HT

- Develop skills in digital imaging (A

- Be able to embed social media con

- Implement and understand how to

PROGRAMMING IN PHP

PHP training is one of the best ways for students and graduates who want to build their career in Web Development in IT industry. PHP is a server side web scripting language and this is an 'Open Technology'. PHP is the widely used web programming language across the world and almost all medium sized and Multi National IT companies work on PHP technologies. PHP along with the MySQL database is used to build database driven, dynamic and interactive websites and applications.

Course Objective

On completion of PHP training course, the student will be able to -

- Develop websites and applications using PHP technologies and open source content management systems, which are being used nowadays.

- Explore detailed functionalities, PHP architecture and design available.

- Gathering and analyzing PHP functionalities required by the client.

- Use javaScript and AJAX in order to get attractive user interface for the application.

- Complete and deploy PHP website or application on the live server or cloud to show during interviews or potential clients.

Careers after the course

- Front-end web developer.
- Backend web developer.
- Web application developer.

- Design and layout analyst.
- UI Designer
- Senior web analyst

PRODUCT DESIGN AND ANALYSIS
(Drafting, Designing and CAE skills)

Program Details :

AutoCAD 2017

- Understanding of CAD, CAM and CAE.
- Sketching, Editing and Drawing aids.
- Creating & modifying annotations.
- Concepts of constraints and tolerance.
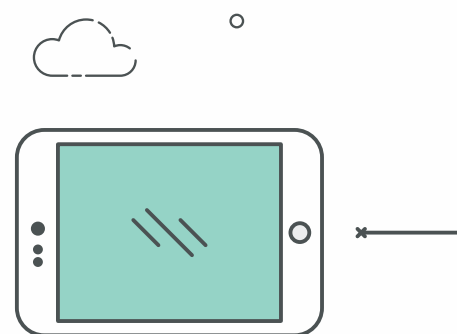- Working with blocks and block attributes.

Solid works 2016

- Understanding the parametric design concepts.
- Create 3D Models
- Edit 3D Models
- Assemble the components
- Understand the surface Modeling
- Create sheet metal component
- Generate Drawing views

Revit-Structure

- Structural Analysis -2
- Principles of structural Design.
- Architecture & Town Planning.
- Functional Design of Buildings.
- Computer aided analysis & design in civil engineering.

Digital Marketing

- Digital marketing overview
- Website planning & creation
- Email marketing
- Lead generation for business
- PPC advertising for google adwords
- Google analytics
- Social media marketing

- SEO
- Online display advertising
- E-commerce marketing
- Mobile web marketing
- Content marketing
- Online reputation management
- Adsense & Blogging
- How to get freelancing projects

GIRLS HOSTEL

GIRLS HOSTEL-2

BOYS HOSTEL-2

ENGINEERING

SPORTS CLUB

PHARMACY

BOYS HOSTEL

ENGINEERING

B.ED

LIBRARY

ARCHITECTURE

MBA

AMPHITHEATRE

CRICKET PITCH

SOCCER PITCH

IT'S NOT ABOUT IDEA. IT'S ABOUT MAKING IDEAS HAPPEN.

CAMPUS FACILITIES

St. Andrews state-of-the-art, environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Lab's Block cum, Faculty Residences, Student Hostels and Mess. Well equipped modern laboratories and an intellectually stocked Learning Resource Centre with books and E-Resources provide a pleasant and stimulating ambience

Classrooms

Counselling Rooms

Placement Cell

Computer Centres

Seminar Halls

Conference Room

Library

HOSTEL

St Andrews provides hostel facility for boys and girls separately within the college Campus. We provide holistic environment to our students with all the basic amenities like TV, PC, Pool, gymnasium, reading room, play stations, table-tennis and separate laundry facility. Great care is taken to foster a warm, friendly and comfortable stay for students living in hostel.

Indoor games

- Chess
- Carrom Board
- Table tennis
- Playstation's
- Pool

Outdoor games

- Cricket
- Football
- Basketball
- Volleyball
- Badminton
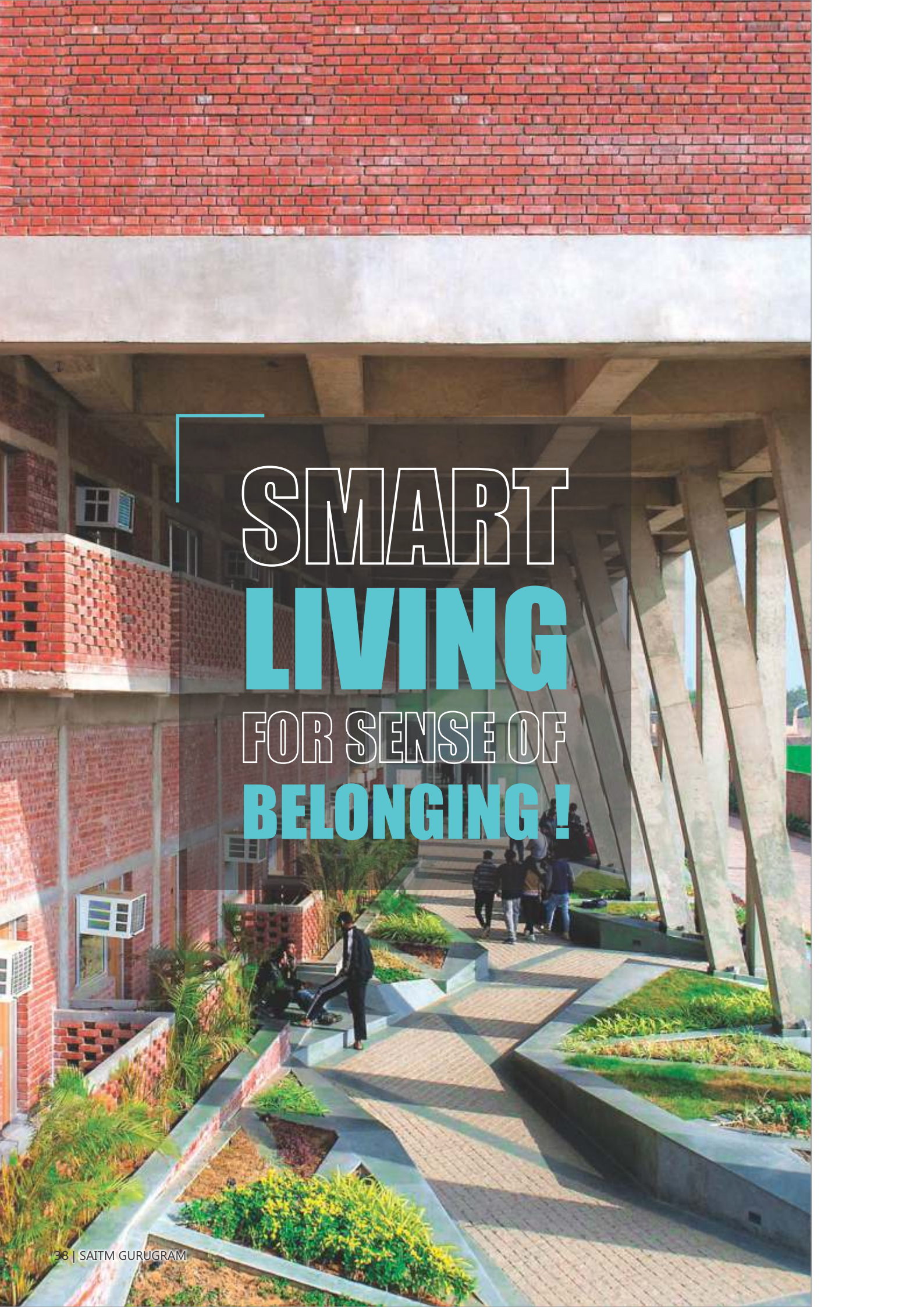
Health is a important concern for every individual. At St Andrews we focus on the physical built purposely so that our students are mentally and physically competitive. We have world class facility gymnasium with modern technology.

- **Mess/ Cafe**
- **Transport Facility**
- **Medical Facility**

SMART LIVING FOR SENSE OF BELONGING !

WHEN THE **ATMOSPHERE** ENCOURAGE **LEARNING,** THE LEARNING IS **INEVITABLE.**

Discipline is the bridge between goals and accomplishment. It's a sole responsibility of one common manarmy to hold up the entire organization to compile into one working unit.

Knowledge comes, but wisdom lingers. It may not be difficult to store up in the mind a vast quality of facts within a comparatively short time; But ability of judgment is required to boost discipline of hard work And the tempering heat of experience and maturity. With an ambitious vision for our institution to create an advance centre of professional learning of international standards where pursuit of knowledge and excellence shall reign supreme and free of barriers of nationality, culture, religion and plurality.

RAVINDER GULIA
Administrative Incharge

TECHNICAL FEST

College Technical fests usually provide an excellent platform to showcase all kinds of different talents ranging from arts, technology, etc. clubbed with fun frolic rides. This fest gives a boost to self esteem of one's personality and helps learn a lot from the application of what's being learnt at the campus. It also provides an opportunity of meeting with right people along with a big break from the books. "TechMania" the official fest of SAITM is one just thing happening regularly at the campus.

SPORTS EVENTS

There is a great tradition for sports at St. Andrews institute of technology and management, Gurugram. Students, faculty and staff all participate in many sports played at SAITM enthusiastically. There are many sporting events held in campus each year. SAITM is a great place to grow your sporting talent or to acquire new skills.

"Collympic" is the sports festival of St. Andrews Institute of Technology & Management. It is a two days event held at the end of February (where champions meet to compete). St. Andrews believes the groundwork of all happiness is good health. Hence, students participate in various activities like – Kho- Kho, Badminton, Cricket, Chess, Races, Tug of War, Carrom, and volleyball.

CULTURAL EVENTS

Culture is intricately interwoven into life at St. Andrews, Gurugram. You will find students from all the corners of the country at one place. The SAITM campus community has exceptionally talented artists also. To foster this there are numerous cultural events organized at the campus which helps residents intermingle with different cultures and learn to adapt in it. At SAITM, you can reap the benefits of the cultural heritage of the country and the world. There are numerous cultural societies in the campus. These societies contribute immensely to the vibrant campus life at St. Andrews.

CLUBS & ORGANIZATIONS

This is one of the important things which everyone wants to be part of at SAITM. Numerous clubs and societies that take care of all the student activities are active in the campus day and night to ensure that no single day is a dull day at St. Andrews. The culture at SAITM help student learns balancing between classes, work, homework, family and other commitments. Students learn about themselves, learns soft skills, teamwork, get networking opportunities along with engagement of people of different diversities. Sports club, Photo club, drama club, arya club, Twist club, fine art club, management club are just few to name that are functional in campus.

TRAINING & PLACEMENT CELL

St. Andrews Training and Placement Cell is well organized and structured. The cell caters to all the training requirements in-house and handles the placement process for the various organizations visiting the campus. It takes care of all aspects from aligning of organizations, conducting various rounds, coordinating for results and coordinating with students for joining. The training wing allots at least 60 hours of training per semester under the core competency program to equip the student for employment. The placement office is equipped with interview rooms, discussion and instruction chambers and conferencing facilities. Its major functions are training through Core competency, behavioral and soft skills training, arranging aptitude classes and tech courses and getting and managing campus interview visits. Students are graded on outlook and academic performance. The Placement cell also categorizes students on their career goals. Those who opt to take jobs after their graduation are given necessary assistance. Others can opt for higher education or entrepreneurship. Undecided students are counseled to select their next career step. Procedure followed at SAITM for the placements is as follows:

1. Invitations of the onset of the Placements with the tentative itinerary of the placement process along with the brochure are sent to the company.

2. After a company expresses interest for participation, the company is requested to send the JD along with other necessary details.

3. The companies are lined up as per availability of the slots.

4. PPT is arranged for the students where students can gauge the profile of organization and the work being offered.

5. Any pre-requisite of online/offline tests are conducted as per organizational requirement.

6. Based upon student profiles and/or test performances, short-list of students is provided and other relevant rounds are conducted.

7. Company submits a list of finally selected students along with a wait list at the end of the day/slot.

8. Once a student has been offered a job, he/she is out of the placement process. This is in compliance with our One Student, One job Policy.

Seminars and Workshops:

St. Andrews believes in regularly organizing seminars and workshops in the campus where elite guests are invited from industry to cover varied topics prevailing and trending presently.

Industrial visits

Industrial visit is a value added learning method for the students. Learning from textbook, lectures and other study material does not suffice holistic learning. Practical hands on learning are essential for better understanding of work, process and business function. Industrial Visit bridge the gap between theoretical learning and practical learning in real life environment.

THE FUTURE BELONGS TO THOSE WHO BELIEVE IN THE BEAUTY OF THEIR DREAMS.