MODERN
GROUP OF COLLEGES
Inspire. Believe. Achieve

Modern Group of Colleges

FOUNDATION FOR A BETTER FUTURE

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Pandori Bhagat, Near Harsa Mansar Toll Plaza, On Delhi-Pathankot National Highway, Mukerian, Hoshiarpur, Punjab 144306

Hello Technocrats

ENERGETIC INTELLECTUALS WITH ASTOUNDING PERFORMANCE IS WAITING FOR YOU

MGCian'S WAY OF LEARNING IS

- INTERACTIVE
- INDUSTRY BASED
- GAP ANALYSIS & BRIDGING

THEORIES ARE BROUGHT TO LIFE AND YOU LEARN BY EXPERIENCING THEM.

MGC Campus is affiliated to
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

MGC Campus is ACCREDITED BY
ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE)

ABOUT COLLEGE

Since it is established in 2015, Modern Group of Colleges (MGC) has banked upon innovation and passion to make the process of education valuable as well as event in sync with global competition.

At MGC, you will benefit from the high Standards of teaching MGC is home to some of the brightest minds of the country, offering intellectual breadth & appreciate context, develop opportunities and manage resources. MGC is known for its high employability quotient courses, world-class faculty, state-of-the art infrastructure and large than life success stories of its alumni.

Drawing from our own expertise as well as strategics links with academic and industry partners. We have signed a range of Contemporary programs to assist individuals enhance their employability and cultivate new skill. What we offer is more than a degree, it is the complete learning experience along with some really robust monitoring network of best executives across the country. Students will have the best of opportunities for academic, career and personal advancement across different fragments of the full-time Program within encompasses certain program and initiatives which are meant exclusively for student of MGC.

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20:1 STUDENT TO FACULTY RATIO

2

EACH PROCESS HAS ITS OWN STANDARD OPERATING PROCEDURES

MGC CAMPUS

8

GREAT INDUSTRY INTERFACE GIVE YOUR FUTURE A BOOST

7

FOCUS ON PSYCHOMETRIC GROWTH

REASONS TO JOIN MGC

3 POSITIVE COMMUNICATION ENVIRONMENT

4 MAKE YOU SELF AWARE FOR CONTINUOUS IMPROVEMENT

5 INNOVATIVE METHODS OF TEACHING

6 GIVES YOU POWER TO JUSTIFY YOUR KNOWLEDGE

Chairman
Message

Welcome to Modern Group of Colleges

To be educated, is to be knowledgeable, is to be enlightened, is to develop a set of moral beliefs, skills and values that shape the individuals.

Education is the key to create a society, which is dynamic and productive. It unlocks the treasure that lies within all of us. It is one of the most essential indications of human development.

Knowledge is globally deep-rooted in the human beings. The only way to get the best and noble in life is through the acquisition of right education. The useful and true knowledge can only be gained with the involvement of the teachers, students and the society as a whole.

Our vision is based on hard work, open communication, a strong emphasis on providing empowered and dynamic teachers who where ever be placed professionally will spread an essence of dedication and hard work which will take the profession to new heights & excellence, with accordance of smart & educated society. The visionary culture allows and emphasizes our teachers not only to adopt the present day challenges but also individual responsibilities to the society and our nation at large.

The services of the institution in creating perfectly mature, professionally equipped and service oriented teachers is really worth mentioning. Our institution has set specific objectives and planned activities for achieving excellence in all spheres of professional.

We strongly believe in academic excellence & do not compromise on punctuality, discipline & teaching standards.

Our courses are designed with the intention of producing an all round developed professional with high level of flexibility, adaptability and diverse set of industry specific skills. We work to make our students capable enough to smoothly bridge the gap between industry and educational institutions.

We work to incorporate the principles of modesty, compassion coupled with idea to effectuate innovation, growth and excellence.

S. Surjit Singh
Chairman

Dear Prospective Students,

On behalf of Modern Group of Colleges, I am delighted to extend a warm welcome to you. As the Director of this esteemed institution, I am honored to lead an institution that has been shaped by the vision and dedication of our parent society, MCMHS, since 1994. Since our establishment in 2015, we have been committed to providing quality education and nurturing young minds to become future leaders.

At Modern Group of Colleges, we believe in the transformative power of education. We strive to create an environment that fosters intellectual growth, personal development, and the pursuit of excellence. Our aim is to empower our students with the knowledge, skills, and values that will enable them to succeed in a rapidly evolving world.

As you browse through our prospectus, you will discover a wide range of undergraduate and postgraduate programs offered at our college. These programs span various disciplines, ensuring that you have ample opportunities to explore your passions and carve your own path to success. Our curriculum is designed to be comprehensive, integrating theoretical knowledge, practical skills, and industry exposure, so that you are well-prepared to meet the demands of the professional world.

Our faculty members are not only experts in their respective fields, but also passionate educators who are dedicated to your growth and development. They are committed to providing you with a world-class education, nurturing your talents, and challenging you to reach new heights of academic excellence. With their guidance, you will gain the skills and confidence to become a leader in your chosen field.

At Modern Group of Colleges, we recognize the importance of holistic education. Alongside your academic pursuits, we encourage you to engage in extracurricular activities, participate in clubs and societies, and develop your interpersonal skills. Our campus provides a vibrant and inclusive community where you can make lifelong friendships, explore new interests, and discover your true potential.

Our college is equipped with modern facilities and infrastructure to support your learning journey. From well-equipped classrooms to advanced laboratories and a comprehensive library, we have created an environment that enhances your educational experience and prepares you for the challenges of the future.

As you embark on the exciting journey of higher education, I invite you to consider Modern Group of Colleges as your partner in achieving your dreams. We are committed to your success, and we will provide you with the guidance, support, and resources you need to excel academically and personally.

I encourage you to explore the prospectus of Modern Group of Colleges and envision the opportunities that await you here. Join us, and together, we will shape your future and create a better world.

Best regards.

Dr. Arashdeep Singh
Managing Director

MODERN ENGINEERING EDUCATION

Engineers are people who solve problems and focus on making things work more efficiently and effectively. Engineers apply the theories and principles of science and mathematics to research and develop economical solutions to technical problems. Their work is the link between perceived social needs and commercial applications. If you're wondering what the future might look like , Modern Group of engineering programs can show you the way.

MGC Engineering programs were initiated in the year 2015 with the sole focus to give industry based education to students from all backgrounds, our focus on Industry academia interface helps students to rise as successful technocrats in a rapidly changing, technology-driven society. Within a year, our Engineering programs become a spotlight for many which illustrate about our strong academic heritage, innovative teaching tactics and proactive industry tie ups.

Our courses facilitate you to widen your Engineering awareness, skills, imagination and knowledge to the premier levels in speediness for your future career. The Engineering programs at Modern Group of Colleges combine classroom and laboratory learning in technical areas with a broad liberal arts curriculum and industry assignments to give you an Education tuned to the 21st century wavelength. We are committed to giving you an extraordinary Engineering experience with well-informed and engaged faculty and the most modern equipment and technology.

Modern
Group of Colleges

Modern Group of Colleges was established under MCMHS Charitable Society in the year1994 and is well on its path to become one of the accepted College of the region. Since beginning, MGC has been at the forefront of forging strong collaborations with companies like Sheqhertz, CSL M&M, Microsoft etc.

We offering the following programs :

B.Tech. — 4 Years
- Civil Engineering
- Computer Science Engineering
- Mechanical Engineering.
- Electrical Engineering.

B.Tech.(LEET) — 3 Years
- Civil Engineering.
- Computer Science & Engineering.
- Mechanical Engineering.
- Electrical Engineering.

BBA — 3 Years

BCA — 3 Years

BCA (LEET) — 2 Years

B.Com(Hons.) — 3 Years

B.Sc. — 3 Years
- B.Sc. Medical Laboratory Science
- B.Sc. MT Anesthesia & O.T.
- B.Sc. Radiology & Imaging Technology
- B.Sc. AI & ML
- B.Sc. Fashion Designing

B.Sc.Medical Lab. Science(LEET) — 2 Years

BHMCT — 4 Years

B.Voc. in HCM — Multiple Entry & exit
Hospitality & Catering Management

B.Voc. Beauty therapy & aesthetics — 2 Years

M.Com (Master of Commerce) — 2 Years

ENGAGING STUDENT CENTRIC CULTURE

Dedicated laboratories permit students to unite their practical and theoretical studies right from the initial year and continuing throughout their four year program. Compulsory projects are a part of the course curriculum. Students are engaged in engineering design right from the first year.Small Classes allow faculty to provide for individual attention. Students learn in small groups, receive hands on experience every semester and participate in faculty research projects.

MASSIVE OPEN ONLINE COURSES

MOOC is an online course aimed at unlimited participation and open access via the web. In addition to traditional course materials such as filmed lectures, readings, and problem sets, many MOOCs provide interactive user forums to support community interactions among students, professors, and teaching assistants.MOOCs are mandatory part of MGC curriculum.

STRONG INDUSTRY COLLABORATIONS

Modern Group of Colleges has very strong collaborations with industry. These companies such as Perpetuuiti technosoft, Shephertz, Microsoft, Csl Senegal, Csl Ivory Coast, M&M and Harmeet Combines provide a platform for our budding Engineers & Managers to experience the latest technologies hand-on. MGC facilities include a number of instructional and research laboratories including the Microsoft Bizspark, CAD Teaching Centre, and Communication Lab.

HANDS-ON CREATIVITY

Modern Group of Colleges is an active, hands-on place. Getting you involve in different activities such as Make in India concept or Going for MOOC programs we feel something new is often the best way to achieve success and to make learning come to life,In other words, you should enjoy both thinking and doing.

AN EDUCATION AHEAD OF ITS TIME

At Modern Group of Colleges, our students take delivery of a superior education that prepares them to proceed the frontiers of technology. Through our "Hands-on" curriculum, students design and assemble all-terrain vehicles; propose, put up and load steel bridges; produce computer animations and video games; and harness the power of the sun to race cars that they design, build and test. Our engineers don't just learn theory – they expand upon it and apply it.

EMPOWERED TO INVENT

Our students must have the ability to think for themselves. Modern Group of Colleges students are passionate and focused. All Our students have that drive—the need to investigate and ferret out solutions, to build, to invent, to design, to develop. Not only do we recognize it, we welcome you to bring it on! We prioritize teaching students - how to bring their ideas to fruition, not just by enhancing technical skills, but by teaching them how to foster innovation and to manage the process, to take ideas to the highest possible level.

COMMUNICATION SKILLS

Modern Group of Colleges focuses on producing able Technocrats who can justify their knowledge with effective communication. The stereotypes of engineers are a thing of the past. Students who join Modern Group of Colleges will be capable of articulating their ideas, contributing successfully in teams, and working collaboratively with non-engineers, such as product designers or business managers. Verbal and written communication is also essential to being a world class engineer. You can have the best idea in the world, but if you can't articulate it, it probably isn't going very far.

A UNIQUE, HANDS-ON LEARNING EXPERIENCE

Hands-on and interactive learning means classes are never dull. Theories are brought to life, and you learn by experiencing them. Classes incorporate activities, such as simulations and problem sets conducted in the format of mini lectures, video lectures, small group recitations, hands-on demos, and concept quizzes to cement the understanding of different concepts in a subject. The interactive sessions foster collaborative learning and you will enjoy and better understand concepts that are traditionally viewed as difficult. Real-life examples are demonstrated regularly. Students can participate in research projects.

COMPUTER SCIENCE & ENGINEERING
4-Year B.Tech

The fundamental objective of our Computer Science program is to provide the opportunity for our students to develop a firm foundation in Computer technology, Science and design methodology of computing systems. Our course covers all fundamentals, working and expert subjects that provide a holistic learning environment where students understand and are able to apply the most contemporary and essential tools needed in the breadth and depth of Computer Science & Engineering.

3-Year B.Tech for Diploma Holders

You'll receive a solid background in Engineering fundamentals that will allow you to adapt to newly introduced systems and methods; you'll also have the chance to work with well-respected researchers and an outstanding faculty on projects that represent the cutting edge of Computer Science today.

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COMPUTER SCIENCE & ENGINEERING

PROGRAM STRUCTURE

Our curriculum lays intensive focus on:

Computer Programming And Problem Solving / Object Oriented Paradigm & Programming/ Digital Logic / Data Structures & Algorithms/ Computer Architecture & Organisation / Algorithm Design & Analysis / Microprocessor & Interfacing / Operating Systems / Computer Networks / Programming Language Translators / Graphics And Multimedia / Database Systems / Software Engineering / Internet & Web Programming / Image & Vision Computing / Software Project Management / Mobile Computing / Operations Research / Information Security / Cloud Computing / Wireless Networks / Concurrent & Distributed Systems / Data Warehousing & Data Mining

CUTTING EDGE LABS

Modern Group of Colleges has excellent infrastructure, including domain specific laboratories associated with the technical divisions. Major Laboratories include: Theoretical Computer Science and Language Processing/ Open Source technologies/ Data technology/ Grid-Cloud Computing/ Software Systems/ Computational Intelligence, High Performance Computing/ Mobile Computing and Intel Multi-core laboratories and Image Processing. All labs are equipped with the latest Hardware & Software for the upgradation of education and upliftment of research for students to meet the challenging needs of the IT sector.

SCOPE OF EMPLOYMENT
- As Developers and Specialists in high-end services and IT-product companies
- As Development Engineers, Technical Leaders and Managers.
- As Consultants, Solution Developers and Entrepreneurs.
- As Computing Specialists in Research Labs and Technology Providers
- As System/ Network Performance Analysts and Simulation / Evaluation Specials in IT companies.

CAREERS

We have number of industry tie-ups with blue chip companies such as; Google, Microsoft, Amazon, Infosys, Wipro & HCL Technologies they hire CSE candidates in large numbers.

ADMISSION PROCEDURE

Admission is carried out on the basis of JEE rank for Punjab Domiciles and for students belonging to other states through online counselling conducted by IKG Punjab Technical University, 66.6% seats form the State Quota while 33.3% seats in each discipline are reserved for Management Quota. Admissions to all seats are made on the basis of merit of JEE/10+2 marks.

MECHANICAL ENGINEERING

4-Year B.Tech

Mechanical Engineering has been characterized, traditionally, by broad technical activities in the areas of product and machine design; manufacturing and production engineering; the design and installation of thermal-fluid and/or mechanical systems; and the design, analysis and development. Mechanical Engineering includes the science and art of formulation, design, development and control of systems and components involving thermodynamics, mechanics, fluid mechanics, mechanisms and the conversion of energy into useful work. The undergraduate program of study in Mechanical Engineering at Modern Group of Colleges, addresses both the quest to understand how things work and the desire to put this understanding to practical use. The student body is guided by faculty who merit national and international recognition, who are members of prestigious engineering societies and counted among the outstanding scholars in their profession.

3-Year B.Tech for Diploma Holders

Mechanical Engineering has been characterized, traditionally, by broad technical activities in the areas of product and machine design; manufacturing and production engineering; the design and installation of thermal-fluid and/or mechanical systems; and the design, analysis and development of energy producing engines or devices.

MECHANICAL ENGINEERING

PROGRAM STRUCTURE

The Undergraduate program provides a broad scientific and technical background in Mechanical engineering. Undergraduate specialisation is provided in the choice of technical electives from the subject areas of applied mechanics, automatic controls, electro-mechanical systems, energy conversion, fluid mechanics, heat and mass transfer, manufacturing systems and materials processing, mechanical design, cryogenics, thermodynamics, robotics and automation. During the first two years, coursework emphasizes Mathematics, physics, chemistry, computing, materials, statics and graphics: much of this in common with the other engineering curricula. In the last two years, the emphasis is on mechanics of solids and fluids, thermodynamics, heat transfer manufacturing, design and controls; instrumentation, experimentation and system synthesis

CUTTING EDGE LABS

At Modern Group of Colleges we have state of the art laboratories including thermal engineering, EMM, dynamics, metallurgy, metrology and fuels. Modern computing facilities are available for students at the CAD & Computer Integrated Manufacturing Laboratories.

SCOPE OF EMPLOYMENT

In a wide range of exciting industries including Aerospace, Automotive, Bio-medical, Chemical, Computers, Electronics, Fossil and Nuclear Power, Manufacturing, Pharmaceutical, Robotics and Textiles. In areas of research & development, design, testing and evaluation, manufacturing, operations and maintenance, marketing, sales and administration. In public sector units like Railways, ONGC, Indian Oil, ISRO, SAIL, NTPC, DDRO and IAF.

CAREERS

We have leading mechanical and automotive company's collaboration for industry academic interface, our campus regularly participate in research activities with these companies.

ADMISSION PROCEDURE

Admission is carried out on the basis of JEE rank for Punjab Domiciles and for students belonging to other states through online counselling conducted by IKG Punjab Technical University, 66.6% seats form the State Quota while 33.3% seats in each discipline are reserved for Management Quota. Admissions to all seats are made on the basis of merit of JEE/10+2 marks.

ELECTRICAL ENGINEERING

4-Year B.Tech

Electrical engineering is one of the largest and most diverse technological and engineering disciplines in today's world. Electrical engineering is the study and application of electricity, electronics and electromagnetism for the development and maintenance of electrical and electronics equipments such as electric motors, navigation systems, medical devices, broadcast and communication systems, power generation systems, electrical distribution systems, electric grids etc., while keeping in mind the safety, quality, economic feasibility and sustainability of these products and systems.

3-Year B.Tech for Diploma Holders

Core courses in the undergraduate curriculum include power system analysis, motors, transformers, control systems, high voltage engineering, power electronics, power system economics and control techniques, power system protection and switchgear and utilization of electrical energy.

ELECTRICAL ENGINEERING

PROGRAM STRUCTURE

First year of engineering will cover basic science courses such as Mathematics, Physics, Chemistry and an overview to other engineering disciplines such as basic mechanical engineering, basic civil engineering, electronics, introduction to computers etc.

Second and third year will expose students to core subjects in electrical engineering. For Electrical Engineering students, core courses are power system analysis, motors, transformers, control systems, high voltage engineering, power electronics, power system economics and control techniques, power system protection and switchgear and utilization of electrical energy. There will also be elective subjects where students can choose courses that they are interested in specializing further in. Fourth Year will be an Internship in blue chip & multinational companies.

CUTTING EDGE LABS

We have world class Labs including	
EDC and Device Research Lab	Measurement & Instrumentation Lab
Power Systems Research	Semiconductor Lab
Lab Protection and Switchgear Lab	Electrical Machines Lab
Control System Lab	Analog and Digital Circuits Hardware Lab
Power Electronics and Drives Lab	Industrial Automation Lab
Digital Simulation Lab	Process Control Lab

CAREERS

Electrical Engineers are much in demand in India. In the recent years, from house to companies every where there is a necessity of electricity to function, offering numerous opportunities to electrical engineers.

These engineers can work in atomic power plants, hydel or thermal power plants. Job opportunities are ample in both private and public sector like railways, civil aviation, electricity board and utility companies, electrical design and consultancy firms and all types of manufacturing industries.

Companies like ABB, Bajaj International Private Ltd, Crompton Greaves Limited, Siemens Ltd, Reliance Power Ltd, Oil and Natural Gas Corporation (ONGC), Bharat Heavy Electricals Limited (BHEL), Steel Authority of India Limited (SAIL), Coal India Limited (CIL), Power Grid Corporation of India Limited (PGCIL), Centre for Electronics Design and Technology and Wipro Lighting are the biggest employers hiring Electrical Engineers.

Core companies such as Qualcomm, Intel, Ericsson, NVidia, Analog Devices Ltd, Broadcom, Cisco systems, Cosmic circuits, Ericsson India Global Services, Eaton technologies, IBM, Schneider electric, General Electric, Analog devices, Cosmic circuits Pvt Ltd, KLA Tencor, NTT Communications, Texas Instruments also hire Electrical Engineers.

ADMISSION PROCEDURE

Admission is carried out on the basis of JEE rank for Punjab Domiciles and for students belonging to other states through online counselling conducted by IKG Punjab Technical University, 66.6% seats form the State Quota while 33.3% seats in each discipline are reserved for Management Quota. Admissions to all seats are made on the basis of merit of JEE/10+2 marks.

CIVIL ENGINEERING
4-Year B.Tech

The primary objective of this program is to produce well-balanced Civil Engineers capable of entering the Civil Engineering profession or continuing their studies at the post graduate level. Graduates will be well prepared to solve current Civil Engineering problems, and they will have the ability to adapt to problems of the future. The achievements of Civil Engineers are well-known to the general public, because Civil Engineers build the world's infrastructure. Civil Engineers play instrumental role in building airports, bridges, buildings, dams and waterways, drainage and sewer systems, city roads, and highways. The Undergraduate program offers a balanced approach to Civil Engineering education.

3-Year B.Tech for Diploma Holders

The program is also designed to give students a solid foundation in Engineering and Science. Students take courses in Chemistry, Physics, and Mathematics, in addition to a core set of engineering courses common to most Engineering disciplines. The Civil Engineering courses teach students the fundamentals of Engineering design, as well as potential applications. Students are taught how to use Computer Software to expedite the design process, and they are also taught how to balance engineering designs with economic constraints. During their senior year, Undergraduate students work with a professor on a design project.

CIVIL ENGINEERING

PROGRAM STRUCTURE

Students take a common core of Civil Engineering courses, and they can specialize in the areas of geotechnical, or structural engineering etc. Our curriculum lays intensive focus on: Strenghth of Materials/ Construction Technology/ Soil Mechanics/ Concrete Technologies/ Structural Analysis/ Building Drawing/ Reinforced concrete structures/ Transportation Engineering/ Hydraulic Structures and Machinery/ Environmental Engineering / Design of Steel Structures .

CUTTING EDGE LABS

Students have access to every facility in the form of 9 well-equipped labs. These are:
- Structure and construction engineering lab
- Computer lab
- Soil mechanics lab
- Hydraulics and fluid machinery lab
- Strength of materials lab
- Concrete and highway lab
- Survey lab
- Environmental engineering lab
- Remote sensing and GIS lab

STUDENT OUTCOMES FOR OUR CIVIL ENGINEERING PROGRAM
- Our Students function successfully in the fundamental areas of Civil Engineering, and within a specialty, such as structural, geotechnical or water resources Engineering.
- Graduates are prepared for advanced education in Civil Engineering and related fields.

CAREERS

Many of the world's largest construction and engineering including L&T, HCC, Technip, GMR Infrastructure, Shapoorji Pallonji & Co. and Gammon Infra regularly Hire Civil Engineers.

ADMISSION PROCEDURE

 Admission is carried out on the basis of JEE rank for Punjab Domiciles and for students belonging to other states through online counselling conducted by IKG Punjab Technical University, 66.6% seats form the State Quota while 33.3% seats in each discipline are reserved for Management Quota. Admissions to all seats are made on the basis of merit of JEE/10+2 marks.

INFORMATION TECHNOLOGY DEPARTMENT

Vision of the Department

"To produce information technology graduates who work passionately, creatively and effectively for the betterment of technology and society at large."

About the Department

- The mission of Information Technology Department at Modern Group of Colleges is to educate students in technology and provide advanced knowledge in related areas in order to enable them to create and consume information products for a dynamic information society.
- The aim is to create a culture that fosters excellence and combines rigorous academic study with the support of a diverse campus community.
- The Endeavour is to have up-to-date curricula and pedagogy in the UG Program of BCA so that students have a solid foundation in the core concepts and develop problem solving skills.
- The mission is to offer internship opportunities to the students and to foster their personal and professional growth.

At Modern Group of Colleges Graduates are prepared to be employable in industry and possess knowledge of IT concepts, practices and tools to support design, development, application and maintenance of IT enabled products and projects.

At Modern Group of Colleges Graduates are prepared to pursue higher education in their area of interest.

At Modern Group of Colleges Graduates are prepared to possess professional skills like team work, ethics, and competence in written & oral communication.

ITE-LABS

- Embedded System Lab
- Wireless Communication Lab
- C/C++ Programming Lab
- Unix / Networking Lab
- Multimedia Lab
- Operating System Lab
- Software Engineering / Databases Lab

BACHELOR OF COMPUTER APPLICATION

3-Years BCA Program
2-Year BCA(LEET) Program

PROGRAM STRUCTURE

The primary objective of this program is to provide a foundation of computing principles and business practices for effectively using/managing information systems and enterprise software. It helps students analyse the requirements for system development and exposes students to business software and information systems. This course provides students with options to specialize in legacy application software, system software or mobile applications.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK

Programming in C / Introduction to Information Technology / Computational Methods / Digital Computer Fundamentals / Object Oriented Programming with C++ / Data Structures / Software Engineering / Software Testing / System Analysis & Design / Database Management Systems / Computer Architecture / Operating Systems / Data Communications and Networking / Programming in Java / Multimedia Systems / Microprocessor & Assembly Language Programming / Computer Graphics

SCOPE FOR EMPLOYMENT

- A plethora of opportunities in application development, software testing and maintenance.
- As system analysts and database administrators in IT enabled service sector.

CAREER PROSPECT

Bachelor of Computer Applications graduates can initiate their career in either Private or Government sector as there are a large number of employment opportunities in these sectors. This degree actually helps the students to get a complete knowledge on computer applications so that they can have an ideal launch pad for thriving career in the IT field.

The job market for Bachelor of Computer Applications has seen a high jump, due to the extensive use of computers in offices, BPOs, public places, homes and businesses over the years. Therefore, Bachelor of Computer Applications graduates may look forward to rewarding career in several spheres like: system and network administration, web designing, software programming.

ELIGIBILITY CRITERIA

Those students who have passed 10+2 exam with minimum 45% of aggregate marks (40% for SC and ST Candidates) in any stream are qualified to opt for this course.

ADMISSION

Admissions are made directly on the basis of marks attained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

B.Sc. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

3 Years B.Sc. AI & ML Program.

B.Sc. Artificial Intelligence & Machine Learning is an Undergraduate programme offered by Department of Information Technology.

The world is being driven by Machines and they hold the future. Realizing its virtue, MGC, in affiliation with IKGPTU, Jalandhar, offers a three-year undergraduate degree of B.Sc. Artificial Intelligence & Machine Learning. MGC, the Best College for B.Sc. Artificial Intelligence & Machine Learning in Punjab, lays a strong foundation of the domain by providing a proper understanding of the pertinent topics such as Python, Machine Learning, Neural Networks, Computer Vision, Natural Language Processing, and so on.

Artificial Intelligence and Machine Learning call for practical understanding since it is the ultimate way to completely understand the domain. Consequently, MGC offers special training on Advanced Technologies such as Machine & Deep Learning, Solid Works, Robotics & Embedded Systems, etc, thereby becoming one of the Top B.Sc. AI & Machine Learning Colleges in India.

Artificial Intelligent behavior. MGC offers special training on Advanced Technologies such as Machine & Deep learning Solid works, Robotics & Embedded System etc.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK

B. Sc AI & ML program lays special emphasis on

- Robotics Programing
- Software Engineer
- Machine Learner Researcher
- Data Science
- Business Intelligence Developing.

CAREER PROSPECTS

The conclusion of the degree will help candidates in getting jobs in different fields. With this degree, students get to work as a Video Game Programmer, Robotics Programmer, Data Mining Analyst, Machine Learning Researcher, Software Engineer, Data Scientist, Business Intelligence Developer, etc.

ELIGIBILITY CRITERIA

All those candidates who have passed 10 +2 in Non Medical from recognized Board/University /Council with at least 50% marks (45% marks in case of Candidate belonging to Reserved Category) in aggregate.

ADMISSION

Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

MANAGEMENT DEPARTMENT

Vision of the Department

" To make future managers understand the total enterprise and the forces shaping the firm's direction, policies, and goals and at the same time exercise personal leadership in managing employees**."**

About the Department

The Management Department offers UG Program in Bachelor of Business Administration (BBA) and Provide high end experience to students who want careers in management; who want to take on major challenges and responsibilities in private, public and not-for-profit organizations, large or small. Although we advise students interested in Management to take courses from several of the Department's areas of specialization, each specialization can provide a satisfying concentration in itself.

The Department of Business Management at Modern Group of Colleges (College of Management) includes many discipline-specific groups of faculty who teach in the BBA undergraduate programs.

- Finance
- Information Technology
- Marketing
- Operations and Supply Chain Management
- Consumer Innovation
- Micro & Macro Economics
- Brand Management
- Consumer Behaviour
- Business law

The Management Department encompasses four major areas of specialization:

- Strategic Management emphasizes forecasting, planning and control, allocating resources, the appraisal of competition, and implementation strategies.
- Multinational Management focuses on operating in worldwide and heterogeneous national environments under conditions of economic and political risk.
- Human Resource and Organizational Management explores individual and group behaviour and how these dynamics influence an organization's performance and structure.
- Entrepreneurial Management provides individuals with skills, analytical tools, and concepts to prepare them for a career as an autonomous entrepreneur, a family-business owner, or an innovator in new corporate ventures.

BACHELOR OF BUSINESS ADMINISTRATION
3-Year BBA Program

Our Intensive BBA program focuses on enhancing the ability to communicate, analyze situations, present own views in front of a large audience, take decisions using quantitative and qualitative factors, and develop a holistic view of the different functional areas of business environment.

INDUSTRY-BASED PROJECTS
During the three years of the Program, students take-up live projects related to: marketing; human capital management; Finance, laws and policies concerning business management; decision making; financial statement analysis; wealth management etc., with a view to give them a hold on theoretical aspects of different concepts of business administration. After five semesters of teaching, students join an industry set up for their final semester of training based on their choice various specializations. It is a compulsory component of the curriculum for the completion of the academic program and is designed to provide exposure to organizational working, develop an understanding of the real corporate world, and learn the application of theoretical concepts in real life business situations.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK
The academic framework of the program includes several live industry projects, surveys of real life situations, intense industry internship, global immersion program and hands-on experience in the world of business. First year is to build the basic concepts in various business related subjects, while the second year is devoted to specialized subjects. Students choose one of the five streams for their third year and pursue their training in the chosen functional areas:
- Digital and social media marketing
- Retail marketing
- Marketing Management
- Supply chain and logistics management
- Global marketing

CAREER PROSPECT
It has diverse specialized fields like human resource management, marketing, finance, advertising and IT operations. Getting graduated in business administration gives a great start to satisfying management career.

ELIGIBILITY CRITERIA
Those students who have passed 10+2 exam with minimum 45% of aggregate marks (40% for SC and ST Candidates) in any stream are qualified to opt for this course.

ADMISSION
Admissions are made directly on the basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

ACCOUNTING DEPARTMENT

Vision of the Department

"We strive to develop the best ways to measure and communicate an organization's economic activities."

About the Department

Accounting methods have a significant impact not only on decisions made by management teams but also on the behavior of investors, creditors, regulatory agencies, consumers, and employees. Through their teaching, research, and professional activities, faculty members in Modern Group of Colleges (College of Management) Accounting Department strive to develop the best ways to measure and communicate an organization's economic activities.

To meet the needs of today's complex markets, Modern Group of Colleges (College of Management) Accounting Department takes a multidisciplinary approach to the field, integrating finance and economics with broader perspectives on organizational issues and the business environment.

Modern Group of Colleges (College of Management) Accounting Department pursues active programs, including recent studies in the following areas:

- The design of executive compensation contracts
- Productivity, efficiency, and incentives in the health care, banking, and other industries
- The role of information in capital markets
- Accounting for financial instruments
- International accounting standards
- Securities analysis
- Taxes and organizational design
- The economic impact of accounting policy

BACHELOR OF COMMERCE (HONS.)
3-YEAR B.COM (HONS.) Program

Our Commerce program at MGC aims to prepare our students to select their professional career from a number of options. The program is designed for students to acquire B Com (Prof.) degree.

INDUSTRY-BASED PROJECTS

During the three years of the Program, students take-up live projects related to: finance and accounting; laws and policies concerning commerce; business management; financial decision making; financial statement analysis; wealth management; marketing etc. with a view to give them a hold on theoretical aspects of different concepts of commerce and finance.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK

This is a three-year full-time program, spread over five semesters of teaching and final semester of training based on their choice of three streams. The academic framework of the program includes several live industry projects, industry internship, global immersion program and hands-on experience in the world of commerce. Depending on the choice of students, along with normal B Com (Prof.), they can study subjects enabling them to obtain additional qualification, so as to be ACCA qualified professionals after three years. Alternatively, they can prepare for CFA examinations in their second and third years. Students can also opt to go to Mumbai and study with BSE Institute for a year in various CMP subjects.

Our intensive program lays special emphasis on
- Accounting , Economics, Taxation, Business laws
- Auditing and Assurance, Cost Accounting, Financial Management

CAREER PROSPECT

BCOM (Hons) create enhanced competence of career positioning tied up with opportunity to become a global professional. By pursuing this course, a student will attain conceptual knowledge and analytic skills that may help in areas of employment at various levels

ELIGIBILITY CRETERIA

Those students who have passed 10+2 exam with minimum 45% of aggregate marks (40% for SC and ST Candidates) in any stream are qualified to opt for this course.

ADMISSION

Admissions are made directly on the basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

M.Com
2-Years Program

Master of Commerce is a two year post graduation course design for the students of commerce students to progress further in the field of accounting, taxation, business, finance and investment. After the scheme of liberalization and globalization of business over part two decade, the commerce stream has witnessed a major changes and paves the way for various new sub-fields for research and career. The programme is well received in the industry and for years had been serving the needs of managerial cadre. The course serves the needs of academics and prepares students for research and teaching.

Objectives
The aim of this Programme is to develop the theoretical and practical knowledge of finance and marketing and banking and insurance that will cater the contemporary needs of industry and academia by providing conceptual learning backed with critical thinking and problem solving capabilities. The Programme will enable students:

- To guide the commerce students to develop a ethically positive attitude toward value-based learning and motivate them to take up higher studies and research in the field of business and commerce.
- To acquaint with the emerging development in the field of finance, accounting banking and insurance sector, and shape their behavior to adapt with such developments.
- To enable them understand the national as well as international scenario in respect of various fields of business and apply the principles of business and management provide best possible solutions for real world business problems after assessing their economic, environmental, cultural and societal implications.
- To conduct business, accounting and research practices and develop an environment conducive to growth of future professionals, researches, entrepreneurs and academicians.

Course Outcome
- Fundamental knowledge in different functional areas of Management, International accounting, taxation, Insurance, Investment and Banking.
- Students can opt dual specialization such as Banking and Insurance as well as finance and investment.
- Develop skills for analyzing business data, its analysis and problem solving.

Career Prospect
- The students can work in different domains like Accounting, Taxation, Investment, Banking and Insurance.
- Students can go further for globally recognized courses like CMA, CFP, CLU FRM CPA and CFA.
- Ability to Work in MNC's as well as Pvt. And Public Companies.
- Students can pursue academic and research career.

Eligibility Criteria
Passing of graduation degree in commerce/management/business administration from UGC recognized University with at least 50% marks.

Admissions
Admissions are made directly on basis of marks obtained in graduation degree. Online registration can be made on our MGC website www.mgccampus.com after graduation.

B.Sc. FASHION DESIGNING
3-Years B.Sc. Fashion Designing Program

PROGRAM STRUCTURE

Provides specialization in fashion design or fashion technology to enable the students to achieve Specific orientation towards industry requirements.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK:

Skill Development

- High focus on developing design thinking and intensive practical training through exploration of courses like Elements of Design, Design process, illustration, garment construction, design process etc.

Specializations

- 3 year course with specialization in either Design or Merchandising, thus giving an additional advantage of technical career to students whose design skills are not strong

Software Skills

- Curriculum is equipped with 21st century digital technologies in design

Industry Immersion

- Trainings, projects and guest lectures collaborated with industries help to learn from real life situations

Live Projects

- Hands on experience by working on live projects to develop a sense of problem solving, critical thinking in order to gain real life understanding.

Professional Enhancement

- In addition to core curricula, course offers subjects like communication and soft skills to enhance personality and employability.

Career Prospects

Primary Prospects

- Students can attain positions as Production Manager, Quality Executive and Production Merchandiser in fashion and apparel industry.

Secondary Prospects

- Opportunities include pursuing higher studies in reputed universities in India and abroad

Tertiary Prospects

- Other jobs opportunities include Maintenance Executive, Freelance Designer and Stylist Entrepreneurship venture such as boutiques can be explored.

ELIGIBILITY CRITERIA

- Those students who have passed 10+2 exam with minimum 45% of aggregate marks (40% for SC and ST Candidates) in any stream are qualified to opt for this course.

- Enrol yourself at Modern Group of Colleges and take the privilege to study in Top B.Sc. Fashion Technology College in Punjab

ADMISSION

- Admissions are made directly on the basis of marks obtained in 10+2 Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

B.Voc. Beauty Therapy & Aesthetics

Fashion and Beauty therapy is one of the fast growing industries. New treatments and technologies are constantly being developed in the field. It is a promising career for youth because of the advancement in the lifestyle. The curriculum will provide the participant all necessary knowledge to carry out their professional work and will help participants to achieve success.

Objectives

- Exhibit understanding of Industrial work culture.
- Develop professional skills through quality education & research.
- Outreach various sectors of society through interdisciplinary programmes and practical oriented approach.
- Create dynamic, logical and effective leaders with inspiring mindsets.
- Demonstrate the capabilities required to apply cross-functional knowledge.
- Recognizing and resolving ethical issues.
- Communicate effectively: be it business, management.
- Possess a strong foundation for their higher studies.

Course Outcome

There is a wide scope in the profession of Beauty and Aesthetics in India and in other countries. There is also a great demand for well-trained and experienced Indian professionals in the global hospitality and spa industry.

- Observe the occupational health and safety regulations in the workplace.
- Analyze skin, suggest appropriate beauty regimens and perform facials, massages and other skin care treatments.
- Perform specialized skin care procedures as well as other salon services, such as hair cutting, coloring, styling, manicures and pedicures.
- Perform chemical hair treatments, shampoo and scalp treatments, hair cutting and hair styling.
- Improve personal appearance and professional skills.
- Apply make-up for different occasions.
- Develop skills that are related to salon management including business management and retail sales.

Career Prospect

Beauty therapy courses can offer many advantages to both the students and the owners. Many skincare professionals seek formal training by completing certificate, diploma or associate degree programs. Skin care professionals often include salon-style laboratories where students blend skin care theory with actual skin care procedures. Such programs combine knowledge and study of the skin, clinical treatments and aesthetic applications with hands-on training.

After completing the degree in this field, students will get a variety of career options to choose from. One can become a Beauty Therapist, Nail Technician, Make-up Artist, Massage Therapist, Salon Owner, Cosmetic Counter Consultant, Beauty Consultant, Hair Stylist, and even run your own beauty business. It's a flexible role which provides an unlimited scope for growth and development.

Eligibility Criteria

Passing of 10+2 or its equivalent examination in any stream conducted by a recognized Board/University/Council..

Admissions

Admissions are made directly on basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2.

HOTEL MANAGEMENT DEPARTMENT

Vision of the Department

"To prepare the students for immediate employment in the relevant functional area in industry/take-up entrepreneurship individually. Further nurturing such professionals by providing an overall and extensive exposure of tourism and hospitality industry."

Mission

"To provide the best educational opportunities in most conducive work culture with highest level of professionalism & dedication in progressively enhanced manner."

About the Department

HMCT is an intensive program that exposes the student to the diversity of the hospitality industry and equips the student with intellectual & leadership capabilities allowing the student to move into diverse managerial roles in prestigious international organizations. Its multi-disciplinary program focuses on critical analysis of management styles & strategic thinking required to succeed in hotel management.

A strong concept of education based on academic theory and professional experience is the backbone of the institute academics. The teaching methodology is based on interactive methods, the use of modern technology and multimedia. The school regularly conducts seminars and workshops periodically enabling students to interact with key industry experts and leaders in the field. This helps students in keeping them abreast of the current and relevant techniques. Further, add on courses offered in English speaking, Bar Management, Facility Planning, and Customer Relationship Management make students industry-ready

BACHELOR OF HOTEL MANAGEMENT & CATERING TECHNOLOGY

4-Years BHMCT Program

The BHMCT's ultimate goal is to produce quality and well-groomed graduates for employment in hotel, tourism, and services management positions at a national as well as global level. The BHMCT department is equipped with adequate infrastructure and can boast of facilities comparable to International Standards. Holistic Development of the students is a key operative for the management of the school. Apart from spacious and well-ventilated classrooms, conference halls, e-library, IT resource centers, the food production labs with modern kitchens, bakery and confectionary units are an integral part of the school infrastructure.

Internships and placements are vital to education earned. To support this, a dedicated team of professionals in the Training and Placement cell is available. They work with each student in chalking out their career paths based on their aptitude and interest. To gain industry exposure to the best hotel management college in North India, students are actively encouraged for vocational training, weekend jobs, and part-time jobs to enhance the scope of their careers. Specialized training is also imparted to the students for getting the best internships.

PROGRAM CONTENTS & ACADEMIC FRAMEWORK

BHMCT Program lays special emphasis on

- To train the student in multitudinous activities so that they become equipped to handle the management role.
- To organize regular seminars, visits and tours of industry maestros.
- To prepare candidate using the current as well as modern approach of the discipline.
- To lone up communication, interpersonal and experiential learning skill of the candidates through well-thought out academic Curriculum.
- To refurbish the overall skill pertinent to the contemporay industry demands.

CAREER PROSPECT

BHMCT degree enables candidate fore finding jobs in various hotel, resorts, catering companies, spa groups fashion and other hospitality related jobs. Student can enjoy good carrer opportunities and salary packages after BHMCT. The average salary anually is 3 Lakh to 4 Lakh Given below are the Key areas that have career opportunities for BHMCT graduates.

• Hotels   • Restaurants • Catering Companies   • fast food chains   • Cafes   • Resorts etc.

ELIGIBILITY CRITERIA

All those candidates who have passed the 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.

OR

Those candidates who have passed their Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal.

ADMISSION

Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams

B.VOC-DIPLOMA IN HOSPITALITY & CATERING MANAGEMENT

B..Voc in HMCT is a One-year diploma program/ 2-year/ 3-year in Hospitality with a specialization in Catering Management. A blended training methodology comprises of theory sessions, and hands-on practical training in industry simulated labs for intentionally creating a real-life working experience, helping students to familiarize themselves with their future workplace.

B.Voc in Hospitality & Catering Management carefully takes you through the basics of the food services industry and involves the planning and organization of food and beverage services for various types of events.

B.Voc is a program with multiple exits. All the candidates continuing to diploma courses or further will be considered at par from the second semester onwards. Students may exit after six months with a certificate (NSQF level 4) or may continue for diploma or advance diploma level courses and degree level.

Career Objectives

To provide a sophisticated mix of necessary skills related to a profession and appropriate content of General Education and to ensure that the students undoubtedly possess adequate knowledge and skills so that they are work-ready at each exit point of the program.

Career Prospect

- Hotels
- Catering
- Restaurants
- Air lines Catering
- Cruisers

ELIGIBILITY CRETERIA

Those students who have passed 10+2 exam are qualified to opt for this course.

All those candidates who have passed the 10+2 or its equivalent examination with minimum 45% of aggregate marks (40% for SC and ST Candidates) in any stream conducted by a recognized Board / University / Council.

ADMISSION

Admissions are made directly on the basis of marks attained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

DEPARTMENT OF ALLIED HEALTH SCIENCES

Vision of the Department

The primary vision of the Medical Laboratory Science Program is to educate and equip students with the knowledge, skills and attitudes that are essential for a professional clinical laboratory scientist.

About the Department

We provide students with a career-ready quality education in biomedical laboratory science and laboratory skills. Students will develop the ability to determine the presence, extent, or absence of human disease and to provide the valuable data needed to evaluate the effectiveness of the treatment of human disease.

The faculty is highly dedicated, teach all of the laboratory courses personally, and take pride in providing expert academic advising and career guidance.

The mission of the department in medical laboratory science is to provide the highest standards of learning and scholarship to a diverse student population. The faculty is committed to prepare competent medical laboratory scientists with the necessary skills, attitudes, and professional integrity to become contributing professionals in the health care community.

B.Sc MEDICAL LABORATORY SCIENCE

3-Years B.Sc. Medical Lab Science Program
2-Year B.Sc. (LEET) Medical Lab Science Program

B.Sc. Medical Laboratory Science (MLS) is an undergraduate program offered by the Department of Allied Health Science at MGC Campus.

Medical Laboratory Science is an Allied specialty concerned with the diagnosis, treatment, and prevention of diseases through the use of clinical laboratory tests. As vital members of the health care team, medical laboratory professionals play a critical role in collecting the information needed to give the best care to an ill or injured patient. Medical Laboratory Scientists examine and analyze body fluids, tissues, blood typing, microorganisms, screening, chemical analyses, cell counts, etc. of the human body. They play an important role in collecting the information needed for treating most pathology cases by sampling, testing, analyzing, and reporting such investigations.

Medical laboratory professionals have unlimited choices of practice settings. Hospitals, clinics, nursing homes, public health facilities, and commercial laboratories all have positions open right now for qualified laboratory professionals. In these settings, communication and research skills are highly valued.

PROGRAM CONTENTS AND ACADEMIC FRAMEWORK
OBJECTIVES

- To produce versatile Medical Laboratory Scientists equipped with adequate knowledge and skills in performing various laboratory analyses and tests related to patients' diagnosis and treatment and also for the prevention of disease.
- This course is aimed at producing competent Medical Laboratory Scientists who are able to practice in all spheres of medical laboratory sciences or other related areas of employment.
- Possessing a good understanding of current and future health issues, public health policy, and international health rules and regulations.

CAREER PROSPECTS

- After successful completion of program, a student will be capable of holding assignments in hospital and health care institutions, research laboratories and diagnostic centers.
- Successful candidates can set up on their own establishments.
- Students with an instinct to learn can do higher studies in specialized field of study and can progress as scientists and even can enjoy faculty positions in academic institutions.

ELIGIBILITY CRITERIA

- All those candidates who have passed 10+2 Science stream or its equivalent in Physics/Chemistry/Biology/Maths from recognized Board/University/Council, with at least 50%.
- Enroll yourself at Modern Group of Colleges and take the privilege to study in top B.Sc. MLS College in Punjab.

ADMISSION

Admissions are made directly on basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

B.Sc. Radiology & Imaging Technology

3-Years Program

Bachelor of Science (BSc) Radiography and Imaging Technology is a full time 3-year undergraduate paramedical course pursued by students interested in the medical field or medical lab technology. The course provides in-depth knowledge of radiography and involves various methods of taking pictures of internal body parts/organs for clinical examination purposes.

Some of the important subjects included in the course are physiology, anatomy, pathology, general radiography, ultrasound, CT scan, MRI, environmental science, anesthesia etc.

Objectives

Radiology is of utmost help to the doctors in diagnosing the disease accurately. The objectives are described below –

1. X-Rays

It all started with X-rays and they came into the picture with radiology that has completely transformed the medical field forever. The clear images that the doctor gets of the patient's body, be it a fractured body part or any other disease for that matter.

X-rays utilize the radiations that scan through the body and look at the foreign objects and bones. This further enables the doctors to diagnose the patient accurately and recommend the best treatment.

2. Other Imaging

Besides X-rays, radiology has invaded other imaging technologies as well, like CT Scan, MRI, Fluoroscopy, and Angiography. This wide range of technologies enables the physicians and surgeons to have real-time pictures of the digestive system, blood vessels, giving both 2D and 3D images of the tissues present within the body and also offering the cross-sectional images of the body.

LEARNING OUTCOMES

- Communicate effectively in writing on a variety of topics related to health care.
- Demonstrate an awareness and appreciation of the delivery of culturally competent health care.
- Demonstrate the knowledge and ability to search and retrieve information and materials related to individual clinical practice issues or overall health policy concerns.
- Describe and demonstrate management / leadership skills and theories that can be applied in preparation to lead or manage effectively in a health care environment.
- Demonstrate effective written and oral communication skills.

CAREER PROSPECTS

Radiographers perform procedures such as ultrasound tests, sonographies, etc. They are popularly hired across nursing homes, doctor's facilities, hospitals, diagnostic centers, and also super-specialty healing centers.

Eligibility Criteria

He/she has passed the Higher Secondary (10+2) or equivalent examination or a duly constituted Board with pass marks in Physics, Chemistry, Biology

OR

Diploma in Medical Radiology and Imaging Technology after completing 12th class/ 10 +2 or equivalent with minimum aggregate of 50% marks in physics chemistry and biology provided the candidate has passed in each subject separately.

Admissions

Admissions are made directly on basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2.

B.Sc MT-ANESTHESIA & OPERATION THEATRE

3-Years Program

B.Sc in Operation Theatre and Anesthesia Technology is among the best paramedical courses in India. A career in Operation Theatre & Anesthesia Technology is meeting the demand of the growing needs of experts in the fields of operation theatre management, medical ethics, anesthesia technology and post-operation care.

B.Sc. in Anaesthesia Technology students also learns a lot about the fundamentals of operation theatres, emergency wards, and intensive care units. Operation Theatre Technology course is the basic graduation course that deals with the Ethics, arrangements of the operation theatre, and managing the pieces of equipment that are necessary while performing surgery.

Objectives:

The B. Sc in Operation Theatre and Anesthesia Technology is a program offered by MGC that is drafted with the following objectives:

- To impart basic knowledge and skills involved in dealing with handling techniques involved in dealing with anesthetic equipment as well as pre-operative, intra-operative and post-operative patient monitoring and care.

- To train students to work in conjunction with a multidisciplinary team to apply anesthesia technology to the patients.

Course Outcome:

- Students learn how to take care of a patient pre and post-operation. They all are also given proper training to assist surgeons, anesthetists, and nurses to maintain hygiene in the OT rooms by adopting the sterilize and disinfecting process.

- Course equip the students with the fundamental knowledge and hands on skill of proper care, handling and dosage of anesthesia and anesthetic machinery as well as patients undergoing surgery. They can gain employment in hospitals and health care institutes.

Career Prospect:

- Registered Veterinarian Technician

- Anesthesiology Technician

- Jobs in Teaching and Education

- Lead Medical Instrument Technician

- Perioperative Care Technician

- Cardiothoracic Anaesthetists

Eligibility Criteria

All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with at least 50% marks (45% marks in case of candidate belonging to Reserved Category) in aggregate.

ADMISSION

Admissions are made directly on basis of marks obtained in 10+2. Online registration can be made on our MGC website www.mgccampus.com after 10+2 exams.

LIBRARY
Enriching numerous lives, book by book!

MGC Library have upto the vision & mission of this academic institution it empowers the students in their pursuit of education and learning. One can find answer to any intellectual inquiry in the library of MGC.

MGC library is open for students, faculty, staff & alumni of the college. The library also had an exclusive books section.

TEACHING
PEDAGOGY

Our students benefit from a rich stimulating and intellectually challenging community where a student works alongside faculty.

Case Based Study

Group Discussions

Personality Development

Industrial Visits

Class Room Learning

Presentation

Brain Storming Sessions

Intellectual Sports

Centre of Excellence

HEALTHCARE	LIBRARY	Hi-Tech LABORATORIES	MULTIPLE SPORTS COMPLEX	COMPUTING FACILITY
HOSTELS	*CANTEEN*	STUDENT ACTIVITY CENTER	MULTI CUISINE FOOD	TRANSPORT
ULTRA MODERN CLASSROOMS	24X7 HRS. SECURITY	WORKSHOPS & RESEARCH CENTRES	Wi-Fi CAMPUS	

facilities @ CAMPUS

- On campus accommodation for staff & guest.
- Separate Hostel for Boys & Girls.
- Furnished with Storage facilities.
- 24x7 Power backup.
- 24x7 Potable water.
- Hot water in hostels (in winters)
- Indoor and outdoor games.

- Internet through Wi-Fi system & fiber optics.
- Hygienic mess with wholesome vegetarian & non-vegetarian meals.
- 24x7 Security.
- 24x7 Medical facilities.

a beautiful JOURNEY

Accreditations, Awards & Recognitions

Industrial Visit...

MEDICAL CAMP

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Modern
Group of Colleges

Modern Group of Colleges (MGC) is a leading Indian Institution offering its students a unique amalgamation of professional and academic excellence. MGC has coupled the experinece of top industry leaders and renowned academicians and and fosters a worldly approach.

At MGC we are grooming students to socially sensitive through intellectually challenging and contemporary device culture.

Recognition, Accreditations & Memberships

ज्ञान – विज्ञानं विमुक्तये
University Grant Commission(UGC)

All India Centre for Technical Education (AICTE)

Industrial Partners

THSC
TOURISM & HOSPITALITY
SKILL COUNCIL

CsL Exports

SAROVAR
HOTELS & RESORTS

Industrial Membership

iTEP®

PEARSON
VUE

coursera

MCAST

USA™

SPORTS DAY AT MGC

CONVOCATION @MGC

GLIMPSES AT MGC

PRIME RECRUITERS OF MGC

Think Sucess, Think MGC

Tech Mahindra

SBI MUTUAL FUND
A PARTNER FOR LIFE

Spiders

raps iTECH

HDB FINANCIAL SERVICES

kangaro
Stay Sorted.

ROCKMAN

HDFC BANK

QuiQr HR
Family of Faith

KARACHI BAKERY
Quality & Goodness since 1953

Vardhmān

HCL

wipro

MODERN AUTOMOTIVES

Skyach

SHRIRAM
Life Insurance
YOUR PARTNER FOR PROSPERITY

PLACEMENT @ MGC

Placement are crucial part of any educational institution and we at Modern Group of Colleges are way ahead of their contemporaries in this functional area. We conduct both on-campus and off-campus placement drives. We hold a record of students getting placed at fortune 500 companies of India. Our alumni are proudly working in many top Indian companies, including Wipro, HCL, Topper Technology & GNA Phagwara with attractive salary package of 6.0 lakhs per annum.

Meena (CSE)
Protolabz E-services

Neetu (BCA)
Connect Broadband

Heena (B.Com)
HDB Financial Services

Shalini Kashyap
B.Sc. FD
Tommy Hilfiger

Kiran Devi (BCA)
Connect Broadband

Marjeena (B.Sc. Agri.)
Boketto Pvt. Ltd.

Daljeet Kaur (BBA)
Alphanumeric (P) Ltd.

Muskan Marwaha (BCA)
Connect Broadband

Shivani sharma (BCA)
Alphanumeric (P) Ltd.

Tanu (BCA)
Connect Broadband

Manisha (CSE)
Protolabz E-services

Sameer (B.Sc. Agri.)
Alphanumeric (P) Ltd.

Sahil Gautam (BCA)
HDFC Bank

Aadil (B.Sc. Agri.)
Alphanumeric (P) Ltd.

Sahil (BCom)
Topper Technologies Ltd.
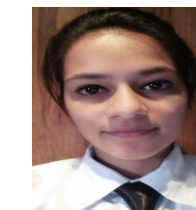
Vishal(ME)
Modern Automotives Ltd.

Sahil Preet Singh (BCA)
Wipro & HCL

Suranchi (BBA)
Karachi Bakery Hydrabad

Paramjit Kaur (B.Sc. Agri.)
Boketto Pvt. Ltd.

Satwinder Singh (B-Tech ME)
Modern Automotives Ltd.

Rahul (B.Sc. Agri.)
Boketto Pvt. Ltd.

Ibrar (B.Sc. Agri.)
Boketto Pvt. Ltd.

Shaid (B.Sc. Agri.)
Boketto Pvt. Ltd.

Saksha (B.Sc. Agri.)
Boketto Pvt. Ltd.

Activities
OF MGC

बेकरी बेल्जियम कोकोआ का भ्रमण करते हुए विद्यार्थी ● सो. संस्थान

विद्यार्थियों ने बेकरी बेल्जियम कोकोआ का किया भ्रमण

संस, मुकेरियां : मॉडर्न ग्रुप ऑफ कॉलेज पंडोरी भगत (मुकेरियां) होटल मैनेजमेंट को गुरदासपुर की बकरा बेल्जियम कोकोआ का भ्रमण करवाया गया। जहां विद्यार्थियों ने विभिन्न प्रकार के केक, बिस्किट, पेस्ट्री, डोनट्स व अन्य बेकरी व्यंजन बनाने की विधि के बारे में जाना। प्रबंध निदेशक डा. अर्शदीप सिंह ने जानकारी देते

हुए कहा कि बेकरी उद्योग में नौकरी के साथ-साथ इस उद्योग में अपना खुद का व्यवसाय शुरू कर सकते हैं। इस अवसर पर प्रिंसिपल विजयता शर्मा, डीन एकेडमिक सुखविंदर सिंह, प्रो. गुरप्रीत सिंह, प्रो. परविंदर सिंह, प्रो. मीनाक्षी महाजन, प्रो. राहुल ठाकुर मौजूद थे।

...From the eye of Media...

माडरन ग्रुप आफ कालज 'ਚ ਪ੍ਰੋਗਰਾਮ ਕਰਵਾਇਆ

ਮੁਕੇਰੀਆਂ, 9 ਸਤੰਬਰ (ਗੁਰਵਿੰਦਰ ਸਿੰਘ ਸਾਥੀ) : ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜਿਜ ਪੰਡੋਰੀ ਭਗਤ (ਮੁਕੇਰੀਆਂ) ਵੱਲੋਂ ਗੈਸਟ ਲੈਕਚਰਾਰ ਅਮੰਜਿਤ ਕੀਤਾ ਗਿਆ ਜਿਸ ਵਿੱਚ ਉਦਯੋਗਿਕ ਵਿਭਾਗ ਦੇ ਮਾਹਰ ਲਵਪ੍ਰੀਤ ਸਿੰਘ ਜੀ ਨੇ ਸ਼ਿਰਕਤ ਕੀਤੀ, ਵੱਖ ਵੱਖ ਵਿਭਾਗਾਂ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨਾਲ ਆਪਣੇ ਵਿਚਾਰ ਸਾਂਝੇ ਕਰਦੇ ਹੋਏ ਉਨ੍ਹਾਂ ਨੇ ਅਜੋਕੇ ਸਮੇਂ ਵਿੱਚ ਚੱਲ ਰਹੇ ਉਦਯੋਗਿਕ ਵਿਕਾਸ ਅਤੇ ਆਉਣ ਵਾਲੇ ਵਕਤ ਵਿੱਚ ਲਿ...ਵਿਦਿਆਰਥੀਆਂ ਨਾਲ ਸਾਂਝੇ ਕਰਦੇ ਹੋਏ ਉਨ੍ਹਾਂ ਨੇ ਆਉਣ ਵਾਲੇ ਵਕਤ ਵਿੱਚ ਰੁਜ਼ਗਾਰ ਸੰਬੰਧੀ ਦੁਚਿੱਤੀਆਂ ਬਾਰੇ ਵੀ ਜਾਣੂ ਕਰਵਾਇਆ ਤੇ ਉਨ੍ਹਾਂ ਨੂੰ ਹੱਲ ਕਰਨ ਦੀਆਂ ਤਕਨੀਕਾਂ ਤੋਂ ਵੀ ਚਾਨਣਾ ਪਾਇਆ, ਇਸ ਮੌਕੇ ਕੈਂਪਸ ਡਾਇਰੈਕਟਰ ਡਾ ਹਿਤਾਂਸ਼ੂ ਕੁਮਾਰ, ਪ੍ਰੋ. ਕਮਲ ਕਿਸ਼ੋਰ, ਪਰਮਿੰਦਰ ਸਿੰਘ ਅਤੇ ਹੋਰ ਸਟਾਫ ਮੈਂਬਰ ਹਾਜਰ ਸਨ।

ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜ ਦੀ ਵਿਦਿਆਰਥਣ ਸ਼ਾਲਿਨੀ ਕਸ਼ਿਅਪ ਨੂੰ ਫੈਸ਼ਨ ਦੀ ਪ੍ਰਸਿੱਧ ਕੰਪਨੀ ਟੌਮੀ ਹਿਲਫਿਗਰ ਵੱਲੋਂ ਚੁਣਿਆ

ਮੁਕੇਰੀਆਂ, 17 ਮਾਰਚ (ਹਰਦੀਪ ਸਿੰਘ ਢੇਮਰਾ)- ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜਿਜ ਪੰਡੋਰੀ ਭਗਤ (ਮੁਕੇਰੀਆਂ) ਵਿੱਚ ਫੈਸ਼ਨ ਡਿਪਾਰਟਮੈਂਟ ਦੀ ਡਿਗਰੀ ਹਾਸਲ ਕਰ ਰਹੀ ਵਿਦਿਆਰਥਣ ਸ਼ਾਲਿਨੀ ਕਸ਼ਿਅਪ ਨੂੰ ਫੈਸ਼ਨ ਦੀ ਪ੍ਰਸਿੱਧ ਕੰਪਨੀ ਟੌਮੀ ਹਿਲਫਿਗਰ ਵੱਲੋਂ ਕਸਟਮਰ ਰਿਲੇਸ਼ਨਸ਼ਿਪ ਅਫਸਰ ਵਜੋਂ ਸਲਾਨਾ 4 ਲੱਖ ਪੈਕੇਜ ਤੇ ਚੁਣ ਲਿਆ ਗਿਆ 9 ਇਸ ਮੌਕੇ ਤੇ ਜਾਣਕਾਰੀ ਸਾਂਝੀ ਕਰਦੇ ਹੋਏ ਕਾਲਜ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਡਾ. ਵਿਜੇਤਾ ਸ਼ਰਮਾ ਨੇ ਦੱਸਿਆ ਕਿ ਮਾਡਰਨ ਕਾਲਜ ਬੱਚਿਆਂ ਦੀ ਪੜ੍ਹਾਈ ਦੇ ਨਾਲ ਨਾਲ ਉਹਨਾਂ ਨੂੰ ਰੋਜ਼ਗਾਰ ਦੇਣ ਵਿੱਚ ਵੀ ਪੂਰਨ ਸਹਿਯੋਗ ਦਿੰਦਾ ਹੈ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਉੱਜਵਲ ਭਵਿੱਖ ਲਈ ਦੇਸ਼ ਦੀਆਂ ਪ੍ਰਸਿੱਧ ਕੰਪਨੀਆਂ ਵਿੱਚ ਉਹਨਾਂ ਦੀ ਪਲੇਸਮੈਂਟ ਕਰਵਾ ਕੇ ਦਿੰਦਾ ਹੈ ਤਾਂ ਜੋ...ਨੇ ਕਾਲਜ ਦੇ ਆਪਣੇ ਸਾਰੇ ਅਧਿਆਪਕ ਸਾਹਿਬਾਨ ਅਤੇ ਮੈਨੇਜਮੈਂਟ ਦਾ ਧੰਨਵਾਦ ਵੀ ਕੀਤਾ 9 ਇਸ ਮੌਕੇ ਕਾਲਜ ਦੇ ਮੈਨੇਜਿੰਗ ਡਾਇਰੈਕਟਰ ਡਾ. ਅਰਸ਼ਦੀਪ ਸਿੰਘ ਵਲੋਂ ਬੱਚੀ ਦੀ ਹੌਸਲਾ ਅਫਜਾਈ ਕੀਤੀ ਗਈ ਤੇ ਭਵਿੱਖ ਵਿੱਚ ਹਰ ਇੱਕ ਮਦਦ ਦਾ ਭਰੋਸਾ ਵੀ ਦਿਤਾ। ਜਾਣਕਾਰੀ...ਵੇਲੇ ਵਕਤ ਵਿੱਚ ਕੋਈ ਬੱਚਾ...ਵਾਂਝਾ ਨਾ ਰਹਿ ਜਾਵੇ 9 ਇਸ ਮੌਕੇ ਟਰੇਨਿੰਗ ਅਤੇ ਪਲੇਸਮੈਂਟ ਇੰਚਾਰਜ ਸਾਕਸ਼ੀ ਧੀਮਾਨ ਵੱਲੋਂ ਵੀ ਚੁਣੀ ਗਈ ਵਿਦਿਆਰਥਣ ਨੂੰ ਸ਼ੁੱਭਕਾਮਨਾਵਾਂ ਦਿੱਤੀਆਂ, ਇਸ ਦੌਰਾਨ ਪ੍ਰੋਫੈਸਰ ਸੋਨੀਆ, ਪ੍ਰੋਫੈਸਰ ਸੁਖਜਿੰਦਰ ਸਿੰਘ, ਪ੍ਰੋਫੈਸਰ ਪਰਵਿੰਦਰ ਸਿੰਘ ਹਾਜਰ ਸਨ।

कॉलेज में फूड फेस्टिवल का आयोजन किया

मॉडर्न ग्रुप ऑफ कालेज में शिक्षक दिवस मनाया

कार्यक्रम दौरान अध्यापक एवं विद्यार्थी।

सवेरा न्यूज/सुभाष/मुकेरियां : मॉडर्न ग्रुप ऑफ कालेज की प्रिंसिपल डा. विजयता शर्मा की देखरेख में शिक्षक दिवस मनाया गया, जिसमें विभिन्न विभागों के छात्रों ने भाग लिया। छात्रों ने अपने शिक्षकों के सामने विभिन्न सांस्कृतिक कार्यक्रम प्रस्तुत किए। इस अवसर पर डा. विजयता शर्मा ने अपने विचार साझा करते हुए उन्होंने कहा कि शिक्षक दिवस भारत के महान शिक्षाविद, विज्ञान और

ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜ 'ਚ ਗੈਸਟ ਲੈਕਚਰ ਕਰਵਾਇਆ

ਮੁਕੇਰੀਆਂ, 28 ਮਾਰਚ (ਹਰਦੀਪ ਸਿੰਘ ਢੇਮਰਾ)- ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜਿਜ ਪੰਡੋਰੀ ਭਗਤ ਵਿਚ ਗੈਸਟ ਲੈਕਚਰ ਕਰਵਾਇਆ ਗਿਆ, ਜਿਸ ਵਿੱਚ ਅਲਾਈਡ ਹੈਲਥ ਸਾਇੰਸ ਵਿਭਾਗ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ...ਭਾਗ ਲਿਆ9 ਇਹ ਲੈਕਚਰ ...ਮਾਈਕਰੋਬਾਇਓਲੋਜਿਸਟ ਅਫਸਰ ਅਭਿਸ਼ੇਕ ...ਦਨ, Systacare remedies ...ਮ੍ਰਿਤਸਰ, ਦੁਆਰਾ ਮੀਡੀਆ ਟੈਸਟਿੰਗ ਅਤੇ ...ਟ ਟੈਸਟਿੰਗ ਵਿਸ਼ੇ 'ਤੇ ਪੇਸ਼ ਕੀਤਾ ਗਿਆ ...ਸ ਲੈਕਚਰ ਵਿੱਚ ਉਨ੍ਹਾਂ ...ਮਾਈਕਰੋਬਾਇਓਲੋਜੀਕਲ ਮੀਡੀਆ, ਜ ...ਕਟੀਰੀਆ ਕਲਚਰ ਮੀਡੀਆ, ਬੈਕਟੀਰੀਆ ...ਡੋਟੈਕਸਿਨ ਟੈਸਟ (ਬੀਈਟੀ) ...ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਅਤੇ ਉਨ੍ਹਾਂ ਨੇ ਦੱਸਿਆ ...ਕਟੀਰੀਆ ਕਲਚਰ ਮੀਡੀਆ ਇੱਕ ਵਿਕ... ...ਧਿਅਮ ਹੈ ਜੋ ਬੈਕਟੀਰੀਆ ਨੂੰ ਵਧਣ ਲਈ ...ਪ੍ਰਤੀਆ ਜਾਂਦਾ ਹੈ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਉਨ੍ਹ...ਜਿਸ ...5 ਅਤੇ...

ਮਾਤਰਾ ਨਿਰਧਾਰਤ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਂਦਾ ਹੈ ਤਾਂ ਜੋ ਮਰੀਜ਼ ਦੀ ਸੁਰੱਖਿਆ ਯਕੀਨੀ...ਡਾ. ਵਿਜੇਤਾ ਸ਼ਰਮਾ ਨੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪ੍ਰੇਰਿਤ ਕੀਤਾ ਅਤੇ ਇਸ ਤਰ੍ਹਾਂ ਦੇ ਗੈਸਟ...

मॉडर्न ग्रुप ऑफ कालेज में अतिथि व्याख्यान का आयोजन

व्याख्यान दौरान जानकारी देते लवप्रीत सिंह।

सवेरा न्यूज/सुभाष/मुकेरियां: मॉडर्न ग्रुप ऑफ कालेज पंडोरी भगत मुकेरियां द्वारा अतिथि व्याख्यान का आयोजन किया गया, जिसमें उद्योग विशेषज्ञ लवप्रीत सिंह ने भाग लिया। विभिन्न विभागों के छात्रों के साथ अपने विचारों को साझा

ਮਾਡਰਨ ਗਰੁੱਪ ਆਫ ਕਾਲਜ ਹਰਸੇ ਮਾਨਸਰ ਵਿਖੇ ਅਧਿਆਪਕ ਦਿਵਸ ਮਨਾਉਂਦੇ ਹੋਏ ਵਿਦਿਆਰਥੀਆਂ ਨਾਲ ਸਟਾਫ ਮੈਂਬ...

ਤਸਵੀਰ : ਬਲਵਿੰਦਰਜੀਤ ਸਿੰਘ ਸੈਟੀ

OUR CAMPUS / LOCATION

MGC Campus situated on Jammu-Pathankot-Jalandhar National Highway
- 1.77 kms from Mukerian-Pathankot Nation Highway
- 12 kms from Mukerian.
- 23 kms from Pathankot
- 12 kms from Hajipur
- 25 kms from Talwara.
- 28 kms from Gurdaspur.
- 15 kms from Dinanagar.

HOW TO REACH :

Nearest Railway Station -
Bhangala - 5 KM from MGC
Mukerian - 10 KM from MGC
Pathankot - 20 KM from MGC

Nearest Airports -
Pathankot - 20 KM from MGC
Amritsar - 90 KM from MGC
Jammu - 100 KM from MGC

Nearest Bus Stop is 1 KM from MGC on
Jammu-Pathankot-Mukerian
National Highway-1A

BUS SERVICE FROM :
Dasuya-Mukerian-Bhangala-Mansar||Talwara-Kamahi Devi-Hajipur-Pankooh-Budhabar||Indore-Mirthal-Milwan

Vill. Pandori Bhagat, Mansar-Hajipur Road, Mukerian (Hoshiarpur)
On Jammu-Pathankot-Mukerian National Highway (20 KM from Pathankot)

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