

FACULTY OF ENGINEERING

M.Tech

- Mechanical
- Computer Science
- Electronics & Communication

B.Tech

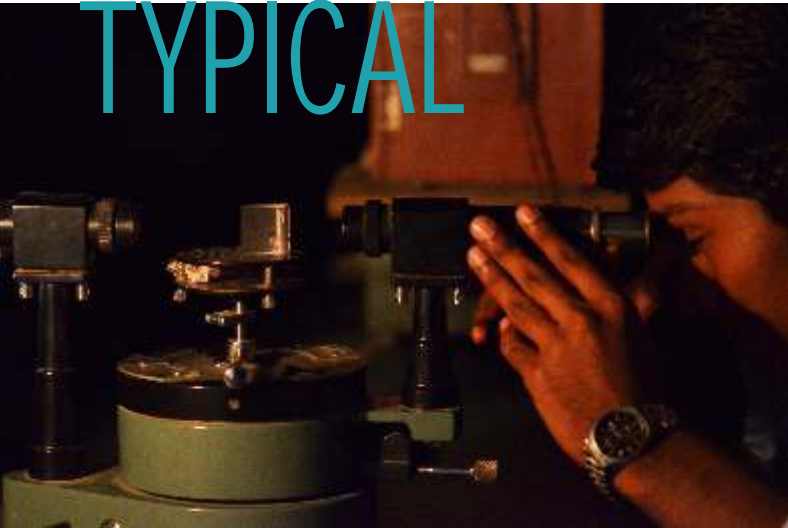
- Civil Engineering
- Electrical Engineering
- Computer Engineering
- Mechanical Engineering
- Information Technology
- Electrical & Electronics Engineering
- Electronics & Communication Engineering

Polytechnic

- Electrical
- Civil

Approved by AICTE & affiliated to RTU, Kota

MORE THAN TYPICAL



M.Tech Mechanical (Machine Design)

M.Tech. in Machine Design was started in the year 2011 in the department of Mechanical Engineering. The program is approved by AICTE, Government of Rajasthan and is affiliated to RTU, KOTA. The program curriculum involves Analysis of static and dynamic forces to design machine elements to meet strength, safety, reliability and cost specifications.

Eligibility: Candidates who have acquired BE/B.Tech or equivalent degree in Mechanical Engineering/ Industrial Engineering and Management/ Industrial Production Engineering/ Automobile Engineering/ Manufacturing Engineering by securing not less than 55% marks in aggregate. However in case of candidates belonging to SC/ST/OBC/Category aggregate percent of marks in qualifying examination should not be less than 50%. The admissions are through central counseling on the basis of merit through CAM (Centralized Admission for M-Tech - RTU).

VARIOUS LABS

- Finite Element Analysis Lab
- Research & Development Lab
- Computer Aided Designing Lab

M.Tech Electronics (Digital Design)

M.Tech Digital Communication includes the study of application through which information that has been encoded digitally could be transmitted electronically. After pursuing this course, one can expect a highly rewarding career ahead. Aspirants can work in various domains like- Mobile and Wireless Communications, Satellite Communications, Optical Fibre Communications, Real time and Embedded System designs, Microwave and Antenna designs, Advanced Digital Signal processing, Image processing fields, etc.

VARIOUS LABORATORIES

- Surveying Lab.
- Concrete Lab.
- Building Planning & Design
- Engineering Mechanics Lab
- Civil Engineering Material Lab
- Fluid Mechanics & Hydraulic Lab
- Road Materials Testing Lab.
- Computer Aided Building Design Lab
- Water Resources Eng. Design Lab



M.Tech

Computer Science Engineering

In the current scenario of various computing devices, the importance of efficient computing with resource optimization is becoming more and more relevant. The development of computer engineering is important not only for the information industry but also for manufacturing and commerce across the entire nation as computer engineering is concerned not only with theory but also with applications to daily life.

Researchers in this field study the design and production of high-performance computers, operating system and application software, and apply these tools across the entire industry.

The Department has a number of well-equipped labs & provide advanced research facilities; it also promotes active industry-institute collaboration by identifying areas of interest and facilitates sponsored research projects.

The objective of this discipline is to train the students such as:

- a) To meet the industry needs of the country.
- b) To pursue research in specialized areas.
- c) To meet the growing needs of engineering colleges for trained faculty in Computer Science and Engineering.

The programme includes courses covering the core of Computer Science and Engineering discipline and several electives in areas of Intelligent Systems and Knowledge Engineering, Human Computer Interaction, Theoretical Computer Science, Networks and Distributed Systems and Hardware Systems.



DESIGN BUILD



B.Tech

Civil Engineering

Civil engineers use the most sophisticated technology and the latest concepts in computer-aided design (CAD) during design, construction, project scheduling and cost control. The opportunity for creativity is endless because civil engineers are problem solvers, meeting the challenges of pollution, deteriorating infrastructure, traffic congestion, energy needs, earthquakes, urban redevelopment and community planning. For every infrastructure project there is a civil engineer to provide a custom design.

CAREER OPPORTUNITIES :

1. In Academia : Teaches students the fundamentals of civil engineering & involved in research in order to advance the field of engineering.
2. In Public Practice :
 - Plans, designs, constructs and operates physical works and facilities.
 - Involved in city and / or regional planning, layout and construction of highways and pipelines.



B.Tech Electrical Engineering

Electrical Engineers are working today in all areas of our modern information society. Buzzwords such as the internet, high performance computers, power plants, high voltage networks, renewable energy and robotics - in all these fields research, development and production innovation was strongly influenced by electrical engineers in responsible positions. The Department gives its full support to the student so that they turn out to be the best engineers with flying colors in their lives.

VARIOUS LABS

- Electrical Measurements & Measuring Instruments
- Control System
- Integrated circuit
- Electrical Machines
- Power System
- Electric Drives
- Digital Electronics
- Electrical & Electronics Engg
- Electrical Workshop
- Power Electronics
- High voltage

B.Tech Mechanical Engineering

If you are intrigued by how things work, fascinated by robots and automobile engines, then mechanical engineering may be the profession for you. Since mechanical engineering is involved in almost every design imaginable, one finds mechanical engineers associated with almost any field of interest. Our students of Mechanical Engineering Department undergo certified CAD Software course, apart from in-house training, the department organizes regular industrial visits to various engineering outfits and manufacturing units. The intermittent projects and industrial exposure enable students to face the demands of the challenging world.

All the workshops and laboratories are equipped with the most advanced machines and equipments as per the course requirements. Mechanical engineering being the mother branch has ample of career opportunities available such as manufacturing, designing, R&D, space, ITES, marketing, service sector, PSU, software, Army, Air force, Navy, etc.



CURIOSITY
SATISFIED

B.Tech Electrical & Electronics Engineering

Electronics plays an important role in almost every sphere of our life. Research & development in electronics has affected and uplifted the lifestyle of the present generation. Communication Engineering has become the most sought after branch. The programme strives to build a new generation of engineers who can innovate in fields like Embedded Technology, VLSI, Digital Communication, Digital Signal Processing and Advanced Programming Languages.

We have state-of-the art Matrix laboratory, (MAT LAB), and latest FPGA/CPLD kits for various digital simulation and the relevant software for the same.

Placements for Electronics and Communication Engineers have the prospects especially in chip manufacturing companies, telecom sector and research & development organization like Ericsson, L&TIES, Godrej etc.

VARIOUS LABORATORIES

- CAD/CAM Lab
- Heat and Mass Transfer Lab
- Machine shop (Fitting shop, Foundry & Welding shop)
- Dynamics of machine and vibration Lab, Metallurgy Lab
- Thermal Engineering Lab (Refrigeration & Air conditioning)
- Material Testing Lab



WELL
PREPARED

B.Tech

- Computer Engineering
- Information Technology

B.Tech in Computer Science provides graduates with the skills and knowledge to take on appropriate professional positions upon graduation. It also assists the graduates to attain leadership positions and successfully pursue post graduate studies and research in many areas of Computer Science and flair for teaching different courses. Research in the department focuses on creating and evaluating innovative learning experiences, inspired by educational principles and technical progress.

Information Technology offers a wide range of challenging job opportunities. Global excellence, teaching and technological development is the vision of the department. The strict nature of the discipline is also one of the most important factors that has contributed substantially to its popularity among students.



VARIOUS LABORATORIES

- Computer Graphics Lab
- Software Engineering Lab
- Advanced Programming Lab
- Web Programming Lab
- Linux Lab
- Network Lab
- Shell Programming Lab
- Project Lab
- Database Management Lab
- Multimedia Lab
- Programming Lab

POLYTECHNIC

Electrical Engineering

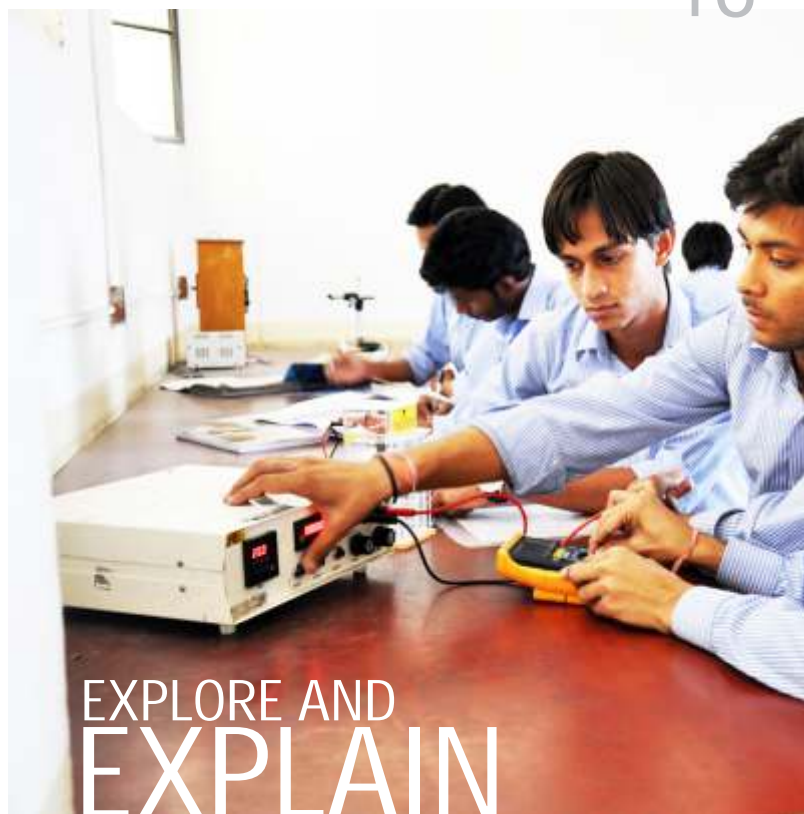
Polytechnic in electrical engineering provides variety of professional knowledge both technical and vocational in nature to meet the growing needs of skilled manpower in diverse industries/fields such as phone, communication and navigation satellites, high performance computer, power plants and high voltage networks. The program is designed in a way that students are able to learn to perform basic engineering tasks and provide accomplishing and rewarding career for serious pursuers. A degree in polytechnic will complement the College of Engineering and lays emphasis on learning which is based on extensive practice.

CAREER OPPORTUNITIES

- Signal processing
- Energy operations
- Companies engaged in distribution, transmission & generation of electrical power station
- Sale & manufacture of electrical equipments
- Repairing, maintenance & installation of electrical

ELIGIBILITY CRITERIA

- 3 year Diploma Program: Secondary (10th) from a Recognized Board.
- 2 year Diploma Program : Sr. Sec. (12th) Qualified with Mathematics from a Recognized Board.



EXPLORE AND
EXPLAIN

POLYTECHNIC

Civil Engineering

Diploma in civil engineering use the most sophisticated technology and the latest concepts in computer -aided design(CAD) during design, construction, project scheduling and cost control. Polytechnic offers a variety of professional courses both technical and vocational in nature and allows a person to kick-start his/her own business or get a decent job. Its a field with unlimited job opportunities.

Career opportunities

- Site engineers
- Draftsman
- Surveyors
- Quality control officer
- Project manager



Designed to Create Outstanding Professionals

The course offered by the college have been carefully structured to provide students with an in-depth understanding of the curriculum. A judicious blend of theory and practice is guaranteed to create outstanding professionals. A pick of experienced and highly qualified academicians from the core of the faculty at the college of Pharmacy. These individuals are known for their commitment and innovative methods of imparting education. Their continuous efforts have built an invaluable reputation for the college.

Department of Pharmaceutical Chemistry

The department has an active system of workshop, guest lectures, seminars and conferences. The air-conditioned instrumentation laboratory has various sophisticated instruments like U.V., HPLC and other instruments like calorimeter, pH meter, electronic weighing balances etc. An array of sophisticated equipment given below shows the meticulous attention to detail that goes into providing the best of facilities to students.

- High performance Liquid Chromatograph (HPLC)
- Flame Photometer
- Colorimeter
- Rota evaporator
- UV Spectrophotometer
- PH meter

Department of Pharmaceutics

The department has wide-ranging facilities that include spacious laboratories with state-of art infrastructure and imported equipment, a list of which is given below:

- Disintegration test apparatus
- Dissolution rate test apparatus
- Tablet press (8 station rotary)
- Capsule Filling machine.
- High Performance Liquid Chromatograph (HPLC)
- Colorimeter
- Brookfield viscometer
- UV Spectrophotometer

A state-of-the art pilot scale plant accommodating all relevant machinery is the pride of this Department.

Department of Pharmacology

Postgraduate education in Pharmacology emphasizes on integrated study of the physiology, pathophysiology and action of drugs in living systems. Research in the department focuses on study of neural endocrine systems

- Cardiology
- Clinical pharmacology
- Pulmonary
- Drug metabolism.
- Epilepsy

Research in these areas is applied to clinical problems such as ageing, Parkinson's disease, epilepsy, drug abuse, glaucoma, hypertension and pregnancy. Excellent research facilities are available including state-of-the art bioanalytical and pharmacology laboratories equipped with: Langandroff's apparatus, Plethysmometer, Pole climbing apparatus, Rotarod apparatus, Eddy's hot plate, Electroconvulsimeter, Student stimulator, Histamine chamber, Actophotometer, etc



HANDS-ON EXPERIENCES

Admission Process : M. Pharm :

Based on merit of B.Pharm and GPAT scores.

Maharishi Arvind Institutes, Jaipur, was the first to realize the short coming of the pharmacy courses in the tremendously growing health sector of Rajasthan. Accepting this challenge and keeping its promise to provide quality education, the group pioneered by introducing a Pharmacy College at Ambabari, Jaipur, in 1990.

The College of Pharmacy at Ambabari is pioneering college in Pharmacy. It runs D-Pharm, B.Pharm and M-Pharm courses. The M.Pharm Course is AICTE approved and affiliated to Rajasthan University of Health Sciences, Jaipur. The D.Pharm and B.Pharm programmes are approved by AICTE, PCI and affiliated to RUHS, Jaipur.

The Second pharmacy college is a state of art infrastructural setup at Mansarovar. Every year, the college prepares skillful and competent pharmacy technocrats required for the health sector. The various labs for research work include the following :

VARIOUS LABORATORIES

- Pharmaceutics Lab
- Pharmaceutical Chemistry Lab
- Industrial Pharmacy Lab
- Instrumentation Room
- Microbiology Lab
- Pharm Analysis Lab
- Pharmacagonsy Lab
- Pharmacology Lab

ADMISSION PROCESS : B.Pharm & D Pharm : In take through RPPT / Direct Admission.

CAREER OPPORTUNITIES : B.Pharm : In Private sector - Production, Sales & Marketing. In Public sector - Drug Control Department, Pharmacist in different sectors.

FACULTY OF COMPUTER SCIENCE

Maharishi Arvind Institute of Science & Management, Jaipur, was the first Institute to start the MCA course in private sector in the State of Rajasthan, in 1998. Consistent and dedicated efforts of the faculty, combined with the intellectual inquisitiveness of the students has resulted in the students being placed in the top-notch IT and Software Development Organizations in India and abroad.

We offer an opportunity to study commerce, business administration, foreign trade and computer application through its bachelor degree programmes, BCA . The course offers each candidate an opportunity to enhance his/her knowledge and focus on holistic development through a judicious blend of academics. A well structured pedagogy put emphasis on practical knowledge and proactive learning.

AFFILIATION

MCA programme is approved by the All India Council for Technical Education (AICTE), and affiliated to the Rajasthan Technical University, Kota & BCA programme is Affiliated to University of Rajasthan, Jaipur

THE R & D Center (MSRDC)

We have developed a separate Software Development & Research Center, named Maharishi Arvind Software Research & Development Center (MSRDC) which is working as an integral part of the organization. MSRDC uses the skills of the students and faculties to solve the real world problems of the clients. This Center has the state-of-art computing facilities with the latest technologies and infrastructure. An important feature of the Center is that it incorporates the latest pedagogy to enhance the intellectual asset of the students & faculty.



IBM Academic Initiative Programme

We are the pioneer in Rajasthan to acquire the status of Centre of Excellence for IBM technologies. In order to bridge the gap between industry and academia, experts from IBM provide high-end technological training and guidance to the budding technocrats at this Centre. Workshops, seminars and certification examinations on upcoming tools and technologies are organized that keep the grey cells rolling in rapid coordination.



FACULTY OF HOTEL MANAGEMENT

BHMCT was initiated with the aim to equip the students with technical and management skills so as to respond to the needs of the ever-growing hospitality industry and MAIHM is the oldest Institute to be Affiliated to RTU Approved by AICTE to provide bachelors degree of Hotel Management & Catering Technology in Jaipur. The Institute has well-qualified and experienced faculty members, inducted from Academic as well as industry and are well supported by seminars and guest lectures by prominent personalities from the industry. The course covers the structure, nature and characteristics of hospitality industry that teaches the students, the vital decision making process integral to hotel, catering and the service sector. Projects and case studies help students to develop operation, planning and management skills. A Well stacked library is there for the students to explore.

MODERN LABS

All the labs are latest and fully functional and equipped with indigenous equipments. They impart practical hands-on training to the students. They are as follows :

VARIOUS LABORATORIES

- Basic Training Kitchen
- Training Restaurant/ Bar
- Quantity Food Kitchen
- House Keeping Lab
- Advance Training Kitchen
- Front Office Lab
- Bakery Lab
- Computer Lab
- Confectionary Lab

ADMISSION PROCESS

Admission in BHMCT programme is based on class XII merit and personal interview, according to the guidelines of Rajasthan Technical University, Kota.

CAREER OPPORTUNITIES :

With a surge in the service and hospitality industry, career options for Hotel Management aspirants have also increased. Management of hotels, restaurants, resorts airlines and catering business etc. has emerged as the very lucrative options for the Hotel Management graduates.



*Ranked 1st in Emerging
Hotel Management
Institute in India*

Source : GHRDC Survey 2014





Assimilate

Passionate

Visualize

Achieve

Create

Discover

Enthusiasitic

Innovate

Career Development Center

Career Development Center aims at enhancing the confidence and developing the right attitude in the students. The Career Development Center at Maharishi Arvind since its inception has been extending its services across various disciplines of the Institute. Personality Development is the focus of the training which aims at holistic development of student. There are various faculty in the Center with varied specializations and rich expertise who contribute to the effective learning process. Interdisciplinary skill development courses are integrated into the curriculum. With the completion of the course, every student hones his soft skill and is confident to fulfill the requirements of the corporate world.

I ndustry I nstitute I nteractive Cell

IIIC coordinates with all the faculties of the group and Industry. Its objectives are:

- To have a closer linkage and promote research suited to industry needs, and consultancy which creates a sense of owning among faculty members
- To provide internship for students in industries, which will prepare the students to fulfill the requirements of the industry.

A strong corporate coalition corroborates the placement of students at our institute, assuring them of the future they have envisaged for themselves. Our esteemed allies include:

1. IBM Center of Excellence.
2. Novell Center of Excellence.
3. ORACLE University-Work Force Development Programme.
4. Cisco Lab:- Networking
5. Pratham Softwares technical training provider

ENLIGHTMENT



Recognitions

- Awarded Best Engineering college in Northern India .
- Awarded Best Engineering college in KOTA.
- Emerging Brand Award by Dainik Bhaskar.
- MAIHM Ranked 1st in Rajasthan and 9th in Northern region by GHRDC Survey 2013.
- MAIHM Ranked 1st in Emerging Hotel Management Institute in India Source : GHRDC Survey 2014

Placement Cell

Maharishi Arvind Placement cell has moved from strength to strength and has emerged as a favored destination for many organizations to recruit the fresh talent nurtured at the group. In the journey towards excellence, many milestones were also set by the Department of Placements in terms of "Quality and Quantity". The excellent infrastructure of the varsity facilitates different activities of placement like pre-placement talks, written tests, group discussions, and interviews as per the requirements of the organization. The consistent placement record illustrates the commitment to the success of the group. We offer 100% placement assistance. Students have no trouble finding coveted positions in reputed corporate and business houses to visit the campus every year, offering an excellent salary package at par with national standards.



puting creative media technology education & **live**
engineering & applied physics health care humanities
science & environment society & exercise **study** science
animal & plant biology & design built & natural environment
business medicine **think** computing creative technology
engineering physics **achieve** health & social care humans &
environment society sport & exercise science & plant
biology **graduate** art & design built & environment business
complementary media **create** technology **experience**
engineering & applied physics environment society science
animal & plant biology art & environment **discover** business
computing creative media technology **innovate** engineering
& applied physics care humanities science

Jaipur Campus

Mansarovar - 1

Maharishi Arvind Institute of Engineering & Technology
Maharishi Arvind Institute of Hotel Management
Maharishi Arvind Institute of Pharmacy
Maharishi Arvind Institute of Management
Madhyam Marg, Mansarovar, Jaipur - 302 020
Ph.: 0141-2784311, 2785052
Mob.: 98281-99940, 8890 94 94 94
Fax: +91 -141-2784354

Mansarovar - 2

Maharishi Arvind School of Management Studies
Sector-2, Kaveri Path, Behind Mansarovar Stadium,
Mansarovar, Jaipur - 302 020 Ph.: 0141-2390164
Mob.: 98281 99937, 99291 12374

Ambabari

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Maharishi Arvind College of Pharmacy
Ambabari Circle, Ambabari, Jaipur - 302 023
Ph.: 0141-2335487, 2234216
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Fax: +91-0141-2335120

Sirsi Road

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Kota Campus

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Visit us at :

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