



# GOVERNING BODY OF MARKAZ ITI



**SAYYID  
ALI BAFAQI THANGAL**  
(President)



**KANTHAPURAM  
AP ABOOBACKER MUSLIYAR**  
(General Secretary)



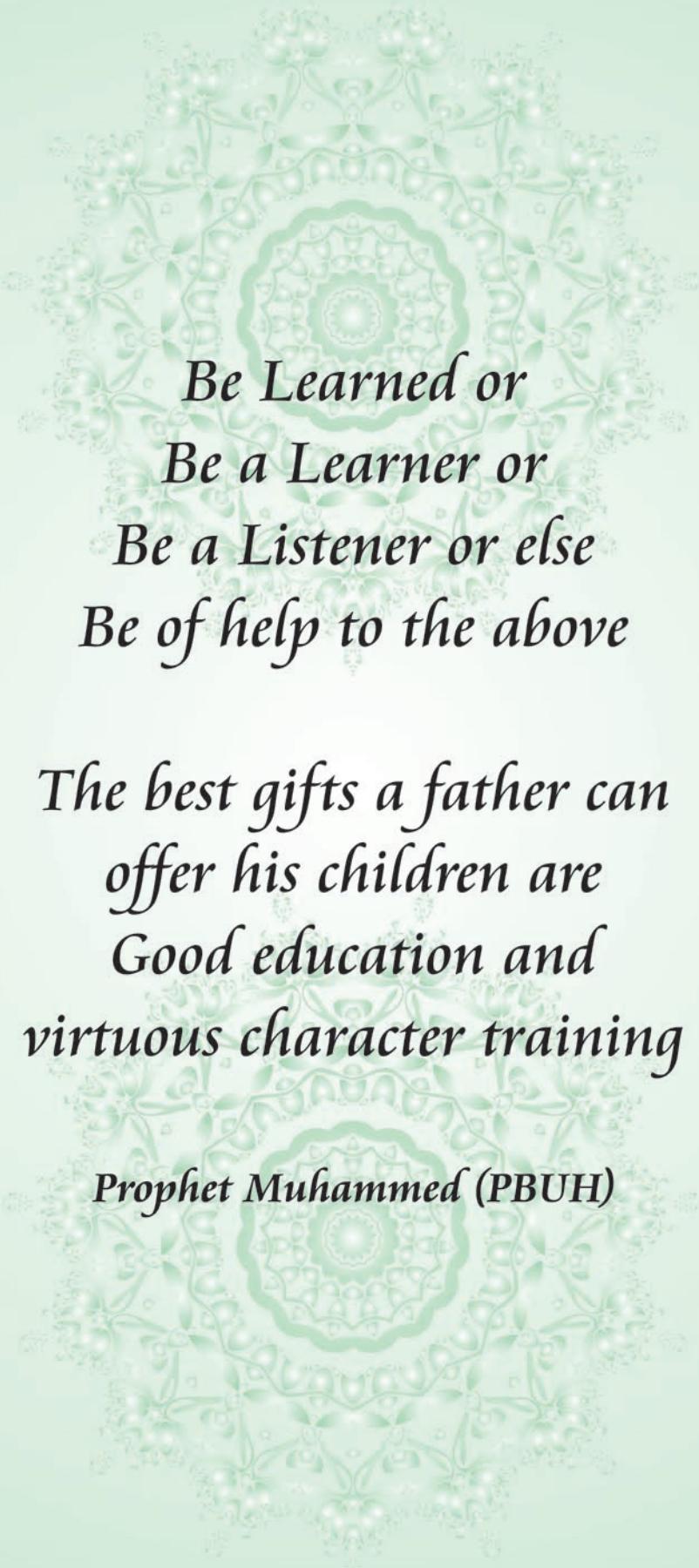
**C MUHAMMED FAIZI**  
(General Manager)



**Dr. AP ABDUL HAKKEEM  
AZHARI**  
(Director)



**AP ABDUL KAREEM HAJI  
CHALIYAM**  
(Treasurer)



*Be Learned or  
Be a Learner or  
Be a Listener or else  
Be of help to the above*

*The best gifts a father can  
offer his children are  
Good education and  
virtuous character training*

*Prophet Muhammed (PBUH)*

# CONTENTS

- ✓ Automobile Engineering (KGCE)
- ✓ Electrical Engineering (KGCE)
- ✓ RAC Engineering (KGCE)
- ✓ Mechanical Engineering (KGCE)
- ✓ Civil Engineering (KGCE)
- ✓ Electronics Engineering (KGCE)
- ✓ Computer Engineering (KGCE)
- ✓ Electronics Mechanic (NCVT)
- ✓ Wireman (NCVT)
- ✓ Mechanic Diesel (NCVT)
- ✓ Surveyor (NCVT)
- ✓ Information Technology (New Generation Course)
- ✓ Mobile Phone Technology (New Generation Course)



Markaz Established in 1978, has gradually grown to become a 'centre' of social, cultural progress as well as educational excellence for the entire communities in India as a whole and those of Muslims in particular. Markaz firmly believes that a system of education devoid of deep-rooted moral and spiritual vision is more likely to lead to cultural anarchy that would affect the goodwill of the society it represents at large. Therefore, it always truly attempts to combine much significant and broader aspects of sacred and profane knowledge. In the process, creating a very good ambience stimulating direct experiences of spiritual refreshment, it offers each student a thorough guideline in order to be enlightened with moral literacy. Much seriously, it considers both streams of education to be essential not just as it can help the citizen get comprehensive progress, but it largely concerns the security issues of the nation. Markaz, hence, relentlessly try to ensure that orphans, destitute and students from underprivileged societies get into schools and undergo higher education.





## MARKAZ PRIVATE ITI & TECHNICAL INSTITUTE

Markaz ITI aims at moulding a team of technically experts who can do best to the society with their various services and supports. We offer a number of courses ranging from Automobile, Civil, Electrical, Mechanical, Electronics, Information Technology, Refrigeration & Air conditioning etc. In the process, we attract the attention of scores of youth who can pursue their much interested technical courses with great expertise and attaining certificates in their respective trades. We are here to help them choose courses according to their aptitudes. We have Tie-up with wide variety of firms and organization which guarantees 100% placement for skilled trainees. We have well equipped labs and digital class rooms that make learning more interactive and fun. Our staffs provide individual attention and monitor the academicals and behavioral progress of each and every trainee which will help them not only secure a high grade but also a responsible citizen. The Institute ranks amongst the best technical institutions in kerala and has contributed to all sectors of technical development. It has also been considered a trend-setter in the area of education and research in the field of technology, and engineering. Our mission is to create an environment that shall foster the growth of intellectually capable, innovative and entrepreneurial professionals, who shall contribute to the growth of Technology in partnership with industry and develop and harness it for the welfare of the nation and mankind. Our vision is to attain global level of excellence in vocational training and to create a sustainable and equitable society through innovative research in technology. Markaz ITI campus is eco-friendly and spreads over a beautiful landscape with world class infrastructure and excellent student amenities.

# Automobile Engineering



Automobile engineering is a two year Kerala government approved course which put together the components of Mechanical, electronics and software engineering to produce , designing and functioning of automobiles like bus, truck ,car ,motorbikes etc.

Markaz ITI, thrives to build aspiring automobile professionals by providing better infrastructure, equipped laboratories and the apposite environment for the academic development. Our students will endow with proper guidance and support from highly qualified and experienced faculty members, which definitely mould them to become better professionals of future. We also endure to develop a culture that endorses individual and team work among our students and to ultimately come up with the innovative projects and researches. Also to build an challenging environment to persuade an attitude of





independent learning and ongoing application of it is another important goal we strive to achieve.

There are many employment opportunities awaiting for automobile engineers. This modern era, passionate with high-tech vehicles leaves a great scope for an extensive career growth for even the fresh entries of the industry. Now the automobile industry is growing in its best pace, and this brings more opportunities to its aspirants, but more responsibilities as well. We bestow with the best baseline to our students to cop up with the present and future requirements of the industry and to face every complexities in it. Students get opportunity to serve many top notch

Automobile companies like Mahindra & Mahindra, Maruthi, Hyundai, Ashok Leyland, Renault Nissan, Royal Enfield, Ford India, General Motors and manufacturing plants by global players in various parts of the country and the increase in demand for automotive experts in the domestic and international market. The institution offers career planning and job search assistance to its students, these services include career counseling, on campus interviewing schedules, employment opportunities, job vacancy postings and assistance.



# Electrical Engineering

The Electrical Engineering discipline has its esoteric side, with electrical engineers being involved in the generation, protection, transmission, distribution and application of electrical energy. Electrical Engineering forms the application of the laws of Physics governing electricity, magnetism, and light to develop new technologies for favoring humankind. If you're interested in understanding the working of electrical devices and if you are inquisitive, then this two year duration course certified by kerala government may well be for you. Electrical engineers may choose to specialize in various areas like power generation, transmission and distribution, communications, manufacture of electrical equipment etc.

Employment opportunities are mainly available in industries concerned with manufacturing, power, transport, construction and building services.

Markaz ITI, thrives to build aspiring



Electrical Engineering professionals by providing better infrastructure, equipped laboratories and the apposite environment for the academic development. Our students will endow with proper guidance and support from highly qualified and experienced faculty members, which definitely mould them to become better professionals of future



# JOB Opportunities



- Electricity board railway, Telephone Department P.W.D, Airport ,Hospitals, banks, etc....
- Public and private factories
- Install, Test and maintain electrical equipment in auditorium and cinema halls.
- Assembling Electrical control Gears and switches of panel boards at switchgear factories.
- Winder of H.P motor in winding shops.
- Cable jointer in factories
- Install service and maintain Telephone and music equipment and circuits in hotels, Resorts and Hospitals, flats etc....
- Assembler in the domestic



## Self-Employment opportunities

- Service centre for repairing electrical switch gear and moors in rural and urban areas.
- Contract maintenance of wiring installation in hotels/resorts hospitals, etc....
- Manufacturing of switch boards and electrical panels.
- Contractor for domestic wiring and industrial wiring.
- Cable jointer
- Service, maintenance and repair of Domestic appliances etc...



# RAC Engineering

**Refrigeration and Air Conditioning** is a two year Kerala government approved course run under Markaz ITI. students are trained to acquire skills like repairing and servicing refrigerator, air conditioner, central air conditioner and other many aspects attached to these services Carrier opportunities are in the field of Repairing and preventive maintenance of refrigerators, air-conditioners, water coolers etc., Assembly and testing of refrigerators and air-conditioners in manufacturing companies, Sales of refrigerators, air-conditioners, water coolers, Installation and maintenance of centralized AC plants, cold storages etc. Trainees have good job scope in residential homes, schools, hospitals, office buildings and factories. They could also opt in for further higher studies such as Diploma and Bachelor's Degree courses after successfully passing this course. Trainees also have the chance to get placed in design consultancy, teaching field or run their own business .After successful completion of this course trainee would be eligible to apply for jobs like: Air-conditioning & Refrigeration Mechanic, Air Conditioner Technician, Window Split AC



## Employment opportunities

- In royal companies like Voltas , Bluestar , Godrej, Lloyd , Kelvinator ,LG, Whirlpool, Samsung Sharp, Hitachi , Panasonic: Haier , impex. Etc....
- To serve as plant engineer, Forman, Supervisor, AC mechanic, draughtsman etc.... more over the candidate gets confidence to converts himself open a service station and workstation etc.....
- Wide opportunities in HVAC (heating ventilation and air conditioning ) plants. Such as HVAC draughts man duct man, HVAC technician, chiller plant technician.
- Food processing, preservation and distillery plants
- Chemical and processing industries
- Special application such as cold treatment of metals, medical construction etc....
- Industrials such as Textile printing ,manufacturing ,photography , computer rooms ,vehicular services etc...

# Mechanical Engineering

Mechanical engineering involves the design, analysis, estimation, Testing and manufacture of a wide variety of mechanical components and systems.

A mechanical Engineering curriculum is diverse because it is central to so many modern industries like aerospace, air-conditioning, building, automobile, power system

KGCE mechanical engineering consist of various segment like welding, fitting, smithy & forging, plumbing, turning, sheet metal and automobiles.

Mechanical engineers always have a great demand globally due to its vast scope of application. It has a remarkable possibility in Hydraulics, cement industry, steel industry, Manufacturing plants, power zone, Petroleum, Aeronautical, Biotechnology, Automobile engineering and many more. Mechanical engineers can also find job very easily in the public sector industries such as Indian Railways, Indian Air force (Technical), Indian Army, Thermal power corporations etc. Creativity and curiosity to know how things work, is important for a career in mechanical engineering. The application base of Mechanical engineering is extremely broad and diverse. Mechanical engineering is practically needed in every walk of life. It is vital for defense and power sector and also in medical field. All in all mechanical engineering put forward a wide array of job options to students who are looking for a stable and stimulating career

At Markaz ITI we try to balance engineering education with the fundamentals that engineers will need during their career and the skills that they need to start functioning as engineers immediately upon successful completion of this two year course approved by Kerala government. During the course of study students will acquire necessary theoretical as well as practical knowledge.

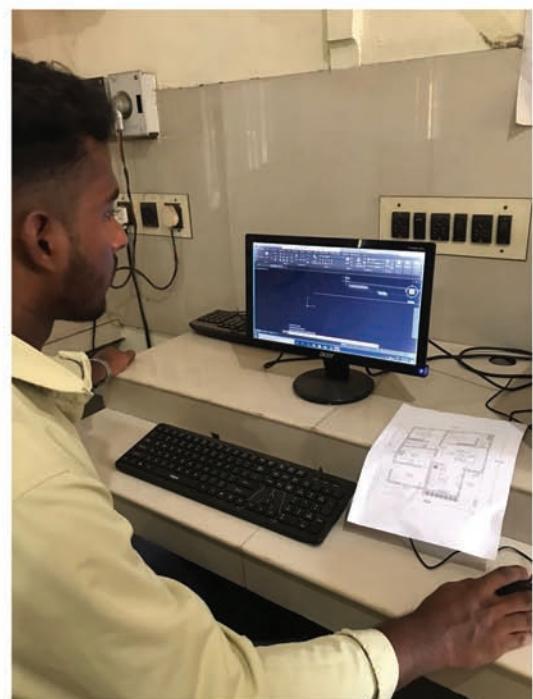




# CIVIL Engineering



Civil Engineering is a professional engineering discipline that deals with all the aspects of building a structure. This can include planning, design, surveying, construction management and maintenance of the physical and naturally built environment. The economic growth and industrialization had created an increasing demand for infrastructure development globally, which has brought the lime light back to Civil Engineering. Civil engineering involves the exploration, research, planning, analysis, design, construction, and operation of facilities essential to modern life. There is a huge demand of Civil Engineers in India. The field is expected to grow further, considering the rising demand for advanced infrastructure creation. Civil engineering systems





include construction of highways, bridges, tunnels, airports, and aerospace structures, railways, pipelines, dams, irrigation systems, towers, buildings for commerce and industry, water supply and distribution networks, and waste management facilities. Civil Engineers have equal opportunities in both private and public sector.

At Markaz ITI we try to balance engineering education with the fundamentals that engineers will need during their career and the skills that they need to start functioning as engineers immediately upon successful completion of this two year course approved by Kerala government. During the course of study students will acquire necessary theoretical as well as practical knowledge. We have given due significance for well-being of students and faculty. Arrangements has been made with excellent infrastructure facilities within the

campus to enhance the spirits for a better learning experience. The educational objectives of the civil engineering program are designed to produce skilled engineers who are ready to contribute effectively to the civil engineering profession. The civil engineering department is committed to produce civil engineers who

- Shall apply fundamental technical knowledge and skills to find creative solutions to technological challenges and problems in various areas.
- Shall be able to practice civil engineering in a responsible, professional and ethical manner and implement eco-friendly sustainable technologies for the benefit of industry and society.
- To take up higher education and development in civil engineering. Teaching staffs are well experienced in teaching and in various engineering field.



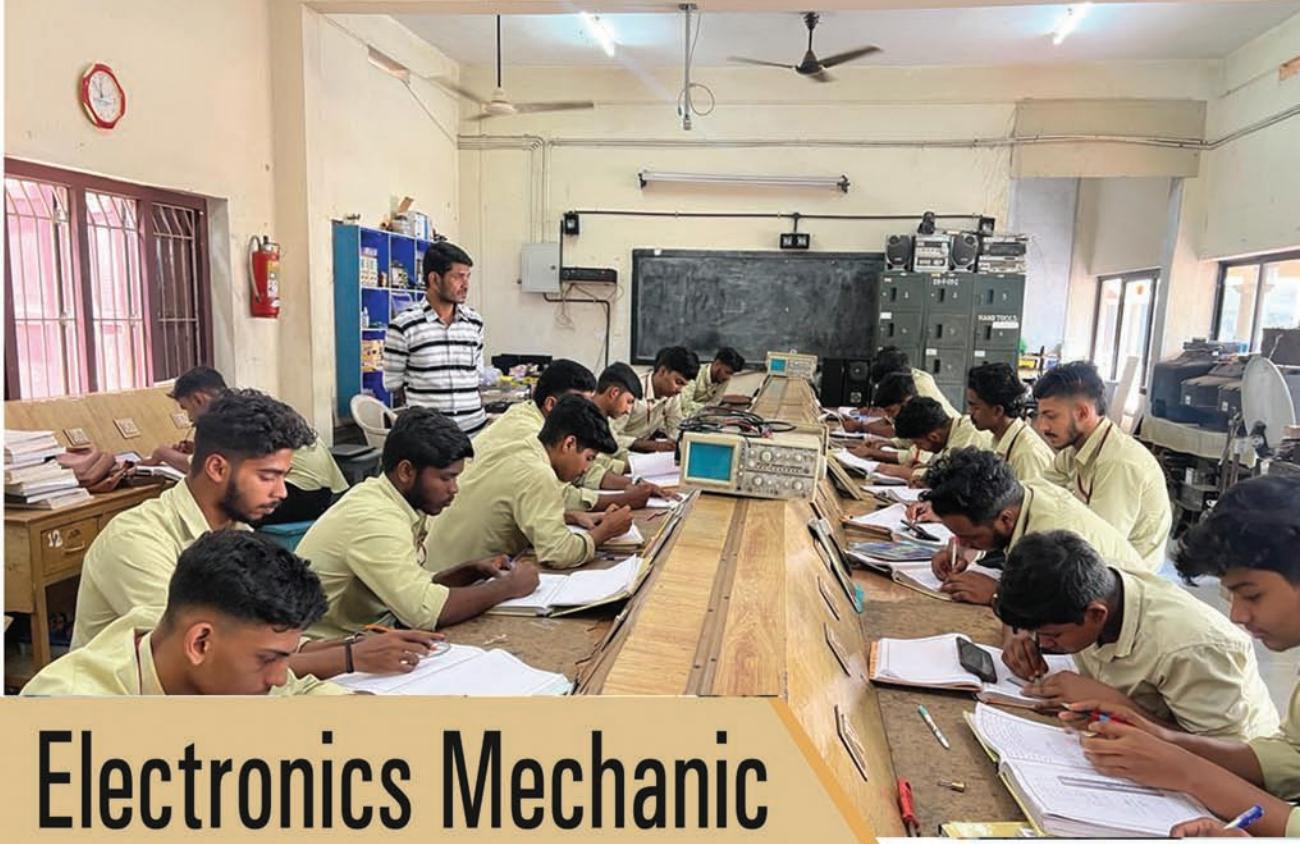


# Electronics Engineering

Electronics Engineering is a two year Kerala government approved course conducted by Markaz ITI. This is an Engineering field which is a combination of two Technologies i.e. Electronics and Communication with its implementation in the field of Engineering. Electronics Engineer works in a group to design, fabricate, produce, test and supervise the manufacturing of complex electronic equipment's and components. During the course of study students will acquire necessary theoretical as well as practical knowledge. Electronics Engineering jobs can be found in Central Government, State Governments and their Sponsored Corporations in Public Enterprises like All India Radio, Indian Telephone Industries, MTNL, National Physical Laboratories, Civil

Aviation Department; Post and Telegraph Department, Co-ordination Department, Bharat Electronics Limited and few other government undertakings. Private Companies also offer excellent pay-packages to skilled and experienced Electronics Professionals. The Private Units dealing with manufacture, sales and services of Electronics consumer goods require large number of Electronics professionals for their functioning. Our students will endow with proper guidance and support from highly qualified and experienced faculty members, which will definitely mould them to become top notch professionals in their opted trade



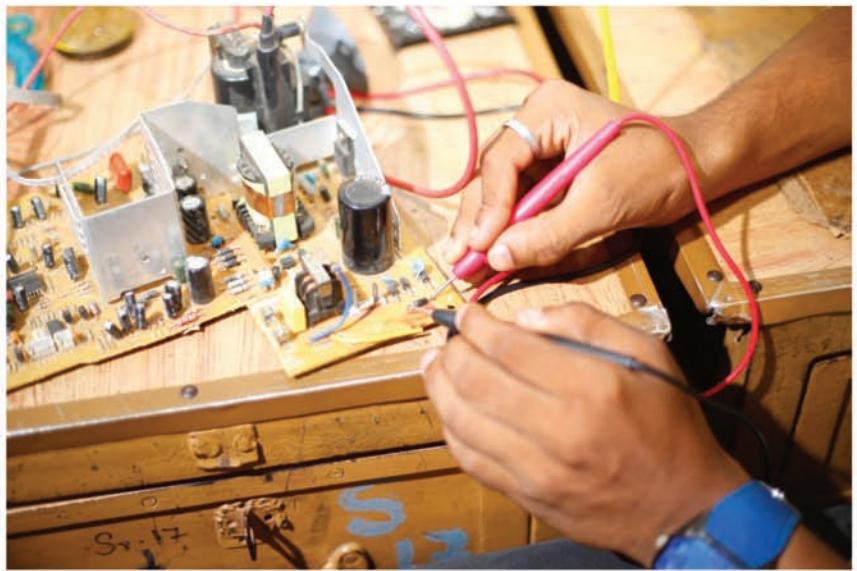


# Electronics Mechanic

Electronics Mechanic is an electronic based vocational trade. The duration of this NCVT trade is of two year and recognized by govt. of India Training is imparted in electronic equipment, specializing in repair and maintenance procedures; analyzing a machine such as a computer, determining and rectifying all of its problems. After passing this trade, candidates can have jobs in various electronics equipment manufacturing industries; automobile electronics and allied industries, industries manufacturing solar power based inverters. They can also find jobs in industries manufacturing LED Lights, service industries like BSNL, MTNL, Home appliances manufacturing company, railways, ISRO, Naval dockyard, RCF, BPCL etc. Candidates can also be employed by mobile industries like LG, Samsung, Nokia, Sony etc...

Markaz ITI provides hi-tech training to repair all popular electronic devices by well qualified and experienced faculty with an updated syllabus recognized by NCVT.

After the successful completion of NTC electronics from markaz ITI the trainee will be able to construct the following with proper maintenance





- Emergency lights
- Torch lights
- Power supply
- Battery charges
- Amplifiers (PA) public address system
- Home theatre systems
- Mixers
- Loud speaker cabinet
- Recon the loud speaker
- Stabilizers
- Over voltage protector circuits
- Diferent sensors like touch / light and proximity sensors
- Iron box electric kettles
- Induction cook tops
- Motors (induction) fans etc..
- Mixers and grinders
- Different type radios
- DVD and USB players
- DVR technology (CCTV)
- Dish antenna installation
- Television CRT, LCD,LED, Plasma
- SMPS choppers
- LED scrolling displays
- Fountain motor and light control
- Solar lanternInverters and UPS
- Led home light
- Basic wiring
- Micro controller systems
- Optical electronics (fiber optic)
- Basic computer hardware
- SMD rework
- Mobile phone theory and basics
- Marking of different electronic circuit boards
- Intercom system
- Car stereo and subwoofer system
- Solar power plant and hybrid UPS



# Wireman

Wireman is an electrical engineering vocational trade approved by NCVT. The duration of trade is two years. The syllabus for trade mainly comprises topics like how to repair and replace wiring and electrical systems in houses and factories; prepare the grounding system and connect wiring to the structure; install wiring, security and fire-protection systems; install lighting fixtures and troubleshoot electrical systems; read a variety of meters to check current values and the amount of current being sent or received and the like others. Trade is good from job point of view and self-employment as it opens many opportunities in various fields.

After successful completion of the course students can install different instruments for measurement of Voltage, Current, Power, Power factor, Energy, etc. Students can work on private basis in electrical shops. Students have good options for further higher Diploma/Bachelor Degree courses as it increases their educational qualification and rank. They can work majorly in Electricity Boards and Power Distribution Companies career opportunities.

Markaz ITI provides qualified and well experienced staffs with high end machineries for conducting this course.



## Career opportunities

- Students will get placement through direct interview recruitment programs
- Passed out trainees will get wireman permit of Kerala govt without any further Test and examination.
- Lot of opportunities in govt service like Railway, PWD, CPWD, Electricity board KSRTC, Public and private limited establishment.
- Can attend works in Wiring, Plumbing, Fire alarm system, CCTV, and Solar electrification.



# Mechanic Diesel



A diesel mechanic is mainly involved in tasks related to maintenance and repair of industry equipment's and heavy vehicles such as trucks and buses. All equipment running on a diesel engine is primarily maintained by these individuals, this may include power plants, farming equipment and oil rigs as well. The increased use of diesel powered equipment has resulted in increased career opportunities for diesel mechanics in the India.

Diesel mechanic course from Markaz ITI can equip you with the theoretical and practical knowledge required to become a diesel technician or mechanic. You can gain essential understanding of cooling systems, power train principles charging systems, brake air systems and engine performance. Using mechanical tools and equipment correctly is one of the most fundamental requisites to pursue a career in this field. The duration of this NCVT certified course is one year. On- job training is often a part of the program. By interacting with professional diesel mechanics, you can gain comprehensive knowledge of latest tools and techniques used to repair and maintain diesel based automobiles or machineries.

## Scope of Mechanic Diesel

There is a wide scope in private and Public sector

### Public Sector

- Indian Armed Force (as a mechanic)
- Marine Engine Mechanic
- Maintains of heavy and light vehicles
- Railway Loco Pilot
- Railway Technician
- KSRTC
- Airport Ramp Service Agent
- DRDO Technician
- SAIL Technician
- Teaching

### Private Sector

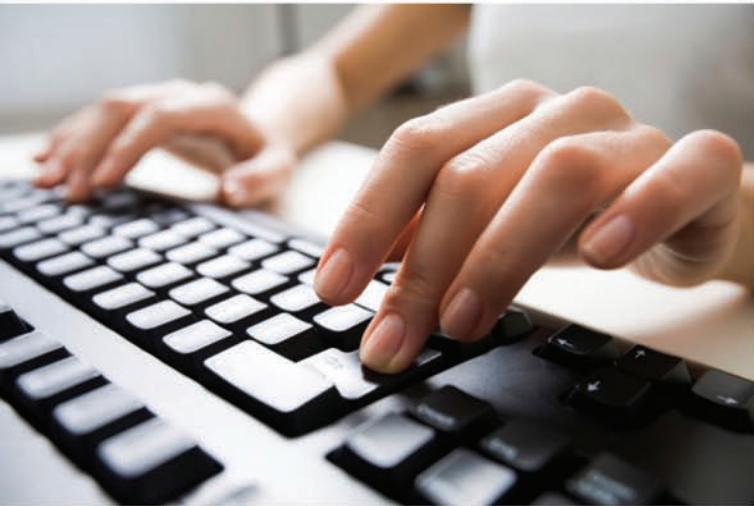
- ADNOC - Filling station Lube Assistant
- Private Automobile Companies Like
- FORD | BMW | AUDI | TOYOTA, etc....

# Surveyor

Considering the wide opportunity in civil work, Markaz ITI decided to add one year NCVT approved vocational trade known as Surveyor trade to its academic curriculum plan. Surveyor is an executive/working surveying vocational trade. The duration of trade is two year. The syllabus for the trade comprises mainly topics like how to prepare and maintain sketches, maps, reports, and legal descriptions of surveys in order to describe, certify, and assume liability for work performed; verify the accuracy of survey data, including measurements and calculations; direct or conduct surveys in order to establish legal boundaries for properties based on legal deeds and titles; record the results of surveys; calculate heights, depths, relative positions, property lines; prepare or supervise preparation of all data, charts, plots, maps, records and documents related to surveys. Trade is an important from job point of view which opens many jobs for students in various fields. Students should be passed in 10th class examination under 10+2 system of education with Science and Mathematics or its equivalent from a recognized school board in the country. After successful completion of this course trainee would be eligible to apply for jobs like: Surveyor, Land Surveyor, Construction Surveyor, Quantity Surveyor, Shipping Surveyor, Data Surveyor, Mine Surveyor etc. We are proude to announce that many of our survey students have blessed with Govt:Jobs



# Computer Engineering



Due to increased demand of technically qualified hands at hardware/software industries, Markaz ITI is offering a Two year KGCE approved trade course known as Computer Engineering. This course introduces students that how to operate and manage the use of hardware systems, networks, minicomputers, control a single or group of mainframe computers, setting functional controls and codes as instructed by programmers and other types of systems. The trade is very innovative and career orienting in nature for students as they can find jobs after its successful completion. Students should have been passed 10th class examination or an equivalent examination form a recognized school board in the country. One of the good benefits of this course is easy employment after students

passed it successfully as they can find so many small scale computer operating jobs in private sector. They can also have jobs relating to supervise, analyze or maintain various computer operations and software package development. Academic interested students can opt in higher courses like Diploma or Bachelor Degrees for enhancing their qualification and current position in case they already having jobs. After passing out this course students can also find jobs in computer systems design and related services as more companies contract out their data processing operations. After successful completion of this course trainee would be eligible to apply for jobs like: Operations Analyst, Computer Operator, Inbound Call Operator, Control Operator, Data Capture Operator, Contact Centre Assistant, Customer Service Operative, Trainee Service Desk Operator, Workshop Assistant etc



# Diploma in Information Technology

Diploma in Information Technology is a one year diploma course that studies Information Technology in detail. Students who have completed Higher Secondary or 10th standard from a recognized School can pursue this course. Diploma in Information Technology is an undergraduate diploma program that prepares students to cater to technological needs of business, government, healthcare, academics, and other kinds of organizations. The scope of Information Technology is as vast as all companies, businesses and retailers run on Information Technology.

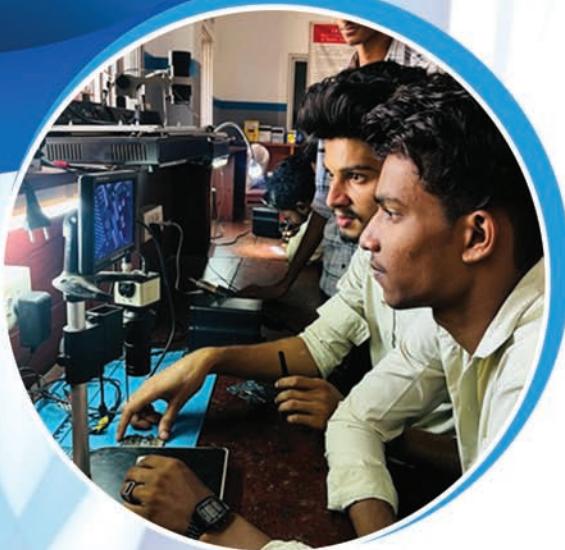
Markaz ITI provides hi-tech training to repair all model computers, laptops, mobile phones, smart phones and tablets etc using State of the Art technology, which is supplemented by well qualified and experienced faculty with an updated syllabus. The syllabus also incorporates chip level trouble shooting, computer networking, CCTV installation and OFC Installation which widens the scope of getting high profile jobs with a remarkable salary.





## Mobile Phone Technology

Mobile phone usage is especially the smart phones has surpassed the earlier predictions and is set to attain newer heights in the coming years. With this, comes the demand for those professionals who have had training in mobile phone technology. Anticipating this, Markaz ITI has shelled out a Four month course in Mobile Technology which covers the latest technology and trends across all platforms.



Markaz ITI provides hi-tech training to repair all model mobile phones, smart phones and tablets using State of the Art technology, which is supplemented by well qualified and experienced faculty with an updated syllabus through which even a matriculate can be made industry fit rather than a certificate holder. The pattern of training has been designed in such a way that, a student after getting adequate training and experience from the Company will be raised to become a Technical Expert and further to be a Global Entrepreneur.

Markaz ITI has hundreds of successful alumni from almost all the states in India and from foreign countries.





