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SCAD ITI

AN ISO CERTIFIED INSTITUTION

AFFILIATED TO NCVT, DGET, NEW DELHI

Kalakad Road, Cheranmahadevi, Tirunelveli District



Prospectus

SCAD Industrial Training Centre formed under the leadership of the visionary and philanthropist **Dr.S.CLETUS BABU** and **Dr.AMLAI CLETUS BABU**, with the motto of "SOCIAL CHANGE & DEVELOPMENT" has been imparting value based Technical education for the betterment of socially & economically backward section of rural society since 1997. The vision of the founders is to ensure quality education by adopting better standards and procedures.



ELIGIBILITY

10th passed.

AGE LIMIT

40 Yrs.

COURSES OFFERED

FITTER
ELECTRICIAN
MECHANIC (MOTOR VEHICLE)
MECHANIC (DIESEL)

Special Features :

Well qualified, experienced and dedicated faculties

Every year the result is 100%

Eminent personalities from industries and academic institutions are invited to present guest lectures on Developing Technology.

Trade is fully equipped with excellent laboratories, high end instruments

Compulsory industrial training/wiring training every week.

Every year the result is 100% and placement 100%

Excellent laboratories and constantly upgraded.

FITTER

I. Basic Fitting

The skill and knowledge observes about filing, Drilling, Hand threading, hacksawing, chipping

II. Allied Trade: Forging

The skill and knowledge observes about forge and its accessories and forging different types of jobs.

Sheet Metal

The skill and knowledge observes about sheet metal works and fabrication.

Welding

The skill and knowledge observes about gas Welding, arc welding, gas cutting, brazing and different joints.

Turning

Turning, Taper Turning, Thread Cutting and Internal and external cylindrical grinding and boring, eccentric turning.

III. Advanced Fitting

Making the jobs as per drawing and assembled with correct limits and fits.

IV. Maintenance and Mill wright

Erection, Testing of machines, dismantling, repairing and assembling of machine tools.



ELECTRICIAN

Basic Electrical Practice

State and explain simple AC circuit and DC Circuit

Basic Work shop Practice

State and explain the types of joints.

Measuring Technique

Classification of electrical instruments and essential forces required in an indicating instruments.

Electrical appliances and lighting module

State how to rectify the faults in Domestic appliances.

Wiring practice I

State how to use the electrical wiring accessories.

Electrical Machines I

State and explain the types of DC motor and generator.

Basic Electronics

State the technique of soldering electronic component.

Wiring Practice II

State and explain automobile electrical system.

Measuring Technique II

Testing for error in various types of meter.

Electrical Machines II

State and explain the types of Ac Machines.

Winding Practice

State the different types of insulating material used for winding.

Installation service and maintenance of electrical equipment

State and how to erect the panel board and M.G.set.



MECHANIC MOTOR VEHICLE

Allied Trade:
Basic Fitting Sheet Metal
Control and Suspension System

The steering of a four wheeled vehicle is, as far as possible arranged so that the wheels will roll truly with out any lateral slip.

Transmission System

The application of engine power to the driving wheels through all these part is called power transmission.

Engine

In internal combustion engines, the heat energy is converted in to Mechanical energy by the expansion of gases. (In a motor vehicle the engine develops power to propel the vehicle)

Auto Electrician

The present days automobiles almost contains an electrical power plant under its hood and stores electrical energy.

Petrol Engine

The engine which gives power to propel the modern Indian automobile is a petrol burning by spark ignition.

Diesel Engine

The engines of heavy motor vehicles (like trucks, buses) mostly operators on diesel engine or constant pressure cycle engine.

Transmission system

The transercase is essentially a two speed transmission located at rear wheel drive and also connecting the power to the front axle.

Auto Electrician

The lighting system provides illumination on the road, to have good road vision during night and signalling devices.

Driving practice

Explain the driving test requirements driving license and driving test.



MECHANIC (DIESEL)

Allied Trade: (Fitting)

Allied trade (Fitting) consists of theoretical and practical information for filing, chipping, hacksawing, drilling, grinding, reaming and measuring. These help the trainees to develop the perceptual capabilities needed for performing the skill.

Allied Trade (Sheet Metal)

Allied trade (Sheet Metal) consists of theoretical and practical information for marking, cutting, straightening, bending, punching, soldering etc.

Diesel Engine

Diesel Engine consists of an indentifying the parts, working principle, maintenance and troubles in the diesel engine and how to rectify.

Petrol Engine

Petrol Engine consists of an indentifying the parts, its working, Troubles and remedies in the petrol engine.

Auto Electrician

Auto Electrician consists of basic electrical and the method of crimping, insert screw setting, soldering, and basic electrical circuits.



Library- Treasure House of Knowledge

A well stocked library loaded with all leading Dailies, Science & Technological magazines. Wellstocked with Volumes of Resource books, Reference books, Project Reports, Bullentins etc.



Transport Facilities

Availability of good & comfortable transportation from nook & corner of Tirunelveli, Kalakad, V.K.Puram to college premises.

Canteen to Refresh

Canteen caters all types of snacks & delicious food items for refreshment. Facilitated with xerox machine & STD Booth.



Hostel - A second Home coming

Seperate well furnished hostel for boys & girls set amidst sylvan surroundings. Providing hygenic food and an ideal atmosphere for academic pursuits.

Co-curricular Activities

Our institute not only focuses the talents of the students in academic, but also in extra curricular activities. Towards this , we have produced

1. Basket Ball Court
 2. Football Ground
 3. Volley Ball Court
 4. Ball Badminton Court
- and indoor games like shuttle, chess, carrom, table tennis, Gym

Mineral Water





Placement

List of Companies

Greaves Cotton Limited, Chennai

Sastha Engineers & Consultants, Veeranam

Sri Sabari Industries, Coimbatore

L.G. Balakrishnan Bros. Limited., Karur

Hyundai Motor India Ltd., Irrungattu Kottai.

TVS Sundaram Textiles Ltd., Nanguneri

Tube Products of India, Chennai

Omega Zips, Ambasamudram

TVS Sundaram Fasteners Limited,
Chennai

KG Denim Limited, Mettupalayam

Krishna Rubber Product, Coimbatore

BI - Metal Bearings Ltd., Coimbatore

Mahindra Pump Industries, Coimbatore

Sathi Auto Components, Erode

Annur Cotton Mills Limited, Annur

Tecknoweld Alloys (India) Pvt. Ltd.,
Chennai

West Asia Exports & Imports Pvt. Ltd.,
Chennai

Ganges Internationale Pvt. Limited,
Chennai

Technical Stamping Automotive
Limited, Kanchipuram

Royal Enfield, Chennai

Loyal Textile Mills Ltd.,

Autocom Hi-precision, Chennai

GE India Industrial Pvt Ltd.,
Puducherry

Rallifan Power Appliances Private
Limited, Coimbatore.