



**dbson UNIVERSAL POWER CONTROLS** is professionally run

Company with 30 years of experience in Manufacturing of Electrical Control Panel. We Manufacture Panels like Power Control Center PCC, Motor Control Center MCC, Automatic Power Factor Correction Panels APFC, Slippering, Mimic, Automation, And Custom Built Panels in areas viz., Automobile, Textiles, Process, Cement, Food Processing Unit, Mining Sector, Oil Refineries , Gas & Etc. We are also one of the leading advanced Training Providers in the area of Electrical Switchgears & their Applications for Technical Aspirants.

## UNIVERSAL POWER CONTROLS

Mfrs of Electrical Control Panels Since 1983

Plot No.22, Sathyamangala Industrial Area,  
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### NEXT BATCH OF TRAINING

The First Monday of Every Month - 10

### WHY THIS TRAINING

India is not suffering from Unemployment but it is suffering from Under-employment. Most of the employees who are working in Private sector are not having the right Qualification for the job they are doing. There is a Huge Gap between Industry and Educational Institutions. Academicians are unable to give what industry requires, we want to fill that Gap by our Training Program so that, the trainee can be fit into any Industry in the field of Electrical.

### FOR WHOM ?

For all those who want to go in for Hard Core Electrical Engineering line this is the course. It is an excellent training for fresher or those who have recently started working and for those who want knowledge on Electrical Switchgears and their Application from the basics and on a slower track.

We have regular Electrical switchgear training, and customized courses at our Training division in Tumkur **For Fresh Recruits working in the Industry / FINAL YEAR ITI, DIPLOMA / B.E., ELECT/ ELECTRONICS** -- Persons from Electrical, Electronics, Instrumentation , Department Engineers , Technicians, Maintenance persons and persons working in any Industry.

### WHAT WE TRAIN :

We Train from the basics to the Wiring level ie.,Control wiring, Power Wiring, Selection of Switchgear and Trouble Shooting of DOL, Star-Delta, Forward-Reverse, Slippering, Starters & APFC Panels.

### WHAT WE GIVE :

Drawings of all the Starters along with the Selection Chart. **dbson** Certificate will be issued to each participant after successful completion of Training.

### COURSES

<b>TRG06</b>	<b>06 Days</b>	<b>Switchgears &amp; their Applications.</b>
<b>TRG10</b>	<b>10 Days</b>	<b>Electrical Basics, Switchgears, Cables Accessories &amp; Applications</b>
<b>TRG30</b>	<b>30 Days</b>	<b>Electrical Basics, Switchgears, Cables Accessories, Applications Automation &amp; Installations.</b>



### HIGHLIGHTS

- ♦ Hands-on lab work using real equipment provides the student with sensible training and skills that are immediately useful on the job. Which make The Trainee perfect and comfortable in handling electrical switchgears.
- ♦ Course material is presented in a way that is easy to understand.
- ♦ Our Engineers are trained professionals and are experienced in field service and troubleshooting. We relate well with the students and we understand the day-to-day problems they encounter.
- ♦ Students work in pairs to construct and test lab projects. This facilitates an exchange of information and establishes communication pathways for a sharing of ideas.



Get Real Quality  
**Electrical Switchgear**  
Training only at  
**dbson TUMKUR**



FAST TRACK TO THE WORLD OF ELECTRICAL

## WHY OUR TRAINING IS MORE EFFECTIVE

- ◆ We have a very large set up with all the Latest switchgear and we believe in quality training .We have strict control on our faculty and we allocate planned modules for each trainer to avoid confusion .
- ◆ Our's is the only standardized course for switchgear as the intake of trainees for a course is limited to 25 Students in a batch, which makes a high interaction level and more effective learning.
- ◆ We use modern technology aids in training for better impact on the participants. Our methodology will make things easy to understand and the use of multimedia will make it more interesting.
- ◆ Training is 20% Theory and 80% Practical. All the participants will be working hands on the switchgears. We devote a lot of time for practical as they are very essential for a person to learn the switchgear wiring effectively. We have planned schedules for the full year which will make it easier to adjust your time table.

## TOPICS COVERED IN TRG10 - 10 DAYS TRAINING

**Module 01: BASICS OF ELECTRICAL** This covers topics involving AC Principles, Electrical symbols used in industries, 1Phase & 3Phase power supply.

**Module 02: CONTACTORS, RELAYS & CONTROL GEARS** Different types of Contactors , Over Load Relays , Dismantling Contactors, Fixing Coils, NO-NC Auxiliary Contacts, Timers, Push Buttons, Limit Switches, Push Button Station .

**Module 03: BREAKERS** Air Circuit Breakers ACB , Moulded Case Circuit Breaker MCCB, Motor Protection Circuit Breaker MPCB, Mineature Circuit Breaker MCB, Switch Fuse Unit SFU Selection Of These Switchgears .

**Module 04: METERING-** Voltmeter, Ammeter, Selector Switches , PFRelays , Frequency Meters , Energy Meters , ELR , CT , etc & Wiring of these Meters .

**Module 05: WIRES, CABLES & ACCESSORIES** Selection Of Different Types Of Cables , Glands , Ferrules, Cable Ties , Lugs & pther accessories .

**Module 06: DOL STARTERS** Dol Starter ,Power Wiring , Control Wiring & Selection of Switchgears .

**Module 07: STAR-DELTA STARTERS** Introduction To Star-Delta Starters , Control Wiring , Power Wiring & Switchgear Selection.

**Module 08: REVERSING DOL-** Introduction To Reversing DOL Starters ,Control Wiring , Power Wiring & Switchgear Selection.

**Module 09: SLIPPERING STARTERS-** Introduction To Slippering Starters ,Control Wiring , Power Wiring & Switchgear Selection.

**Module 10: APFC PANELS-** Construction Of APFC Panels , Understanding Power Factor , Maintainence Of Panels , Different Type Of Capacitors , Usage , Selection & Installation ..



## BEST FEATURES OF dbison

- ◆ Leading control panel manufacturer and Training Provider .
- ◆ Training on leading brands of Switchgears.
- ◆ Expertised faculties who work as project engineers which help theparticipants to get real industry tips and feedback .
- ◆ Practical Oriented Training program.
- ◆ Interaction will be arranged from leading Switchgears & Cable Manufacturers
- ◆ Industrial Visits to Trainees .
- ◆ We are sure that after attending our course there will be a definite value addition to your skill and in your knowledge regarding Switchgears & their Applications

## LIST OF VALUABLE CUSTOMERS

COMPANY	PRODUCT	PLACE
M/S ADHUNIK POWER TRANSMISSION LTD	CONDUCTORS	JEMSHAD PUR
M/S ANJANEYA COTTON MILLS PVT LTD	TEXTILE	DAVANGERE
M/S ARADHYA STEEL WIRES PVT LTD	STEEL	DAVANGERE
M/S ABCL Co., Ltd {COFFEE DAY }	COFFEE	CHIKMAGALORE
M/S BAPUJI EDUCATION SOCIETY	EDUCATION	DAVANGERE
M/S BHARATH STARCH INDUSTRIES	CHEMICAL	SHIMOGA
M/S BIO - GEN EXTRACTS LTD	PHARMA	DHABASPET
M/S BIG BAZAAR /M/S NSK.SONS	COMMERCIAL	DAVANGERE
M/S COTMAC INDUSTRIAL TRADING PVT LTD	ENGINEERING	SHIMOGA
M/S DAVANGERE SUGAR COMPANY LTD	SUGAR	DAVANGERE
M/S DEEPAK CABLES INDIA LTD	ALLUMINIUM	ASSAM
M/S DISA INDIA LTD	FOUNDARY	BENGALURU
M/S ELASTREX POLYMERS PVT LTD	RUBBER	BENGALURU
M/S ENGLISH INDIAN CLAYS	CHEMICAL	PONDICHERY
M/S FENIX PROCESS TECHNOLOGIES PVT LTD	MACHINE TOOL	PUNE
M/S FITWELL TOOLS AND FORGINGS	FORGING	TUMKUR
M/S G.G.DHANDEKAR	RICE MILL	MUMBAI
M/S GMR GROUP	SUGAR	HYDERBAD
M/S GOWRISHANKAR CHEMICALS LTD	CHEMICAL	KB CROSS
M/S GAVIRANGA ENTERPRISES	ENGINEERING	TUMKUR
M/S GLOBAL NUTRI FOOD	FOOD	MADANAPALLY
M/S HIEDELBERG	CEMENT	AMMASANDRA
M/S HMT LTD	WATCHES	BENGALURU
M/S JSW LTD.,	STEEL	BELLARY
M/S KAP INDIA CONSTRUCTIONS	CONSTRUCTION	BENGALURU
M/S KARNATAKA INDL GASES	GAS	HUBLI
M/S KERN - LIEBERS	ENGINEERING	TUMKUR
M/S LAKSHMI FLOUR MILL	FOOD	DAVANGERE
M/S MULTIPLEX AGRICARE PVT LTD	CHEMICALS	BENGAURU
M/S NANDA GROUP	FOOD	BENGALURU
M/S PRRAGATHI STEEL CASTING PVT LTD	CASTING	SHIMOGA
M/S SAMI LABS	CHEMICALS	BENGALURU
M/S SESA GOALTD.,	MINING	PANJIM
M/S SPECTRUM ENGINEERS	ENGINEERING	MANGALORE
M/S SRI DEVARAJ URS MEDICAL COLLEGE	EDUCATION	KOLAR
M/S SRI SIDDAGANGA EDUCATION SOCIETY	EDUCATION	TUMKUR
M/S SRINIVASA BUILDERS & DEVELOPERS	CONSTRUCTION	BENGALURU
M/S SYSCON INDIA PVT LTD	SOFTWARE	TUMKUR
M/S VIJAYANAND PRINTERS LTD	PAPER	CHITRADURGA
M/S VSL STEELS LTD	STEEL	SANDUR
M/S WIPRO LTD	OIL INDUSTRY	TUMKUR

