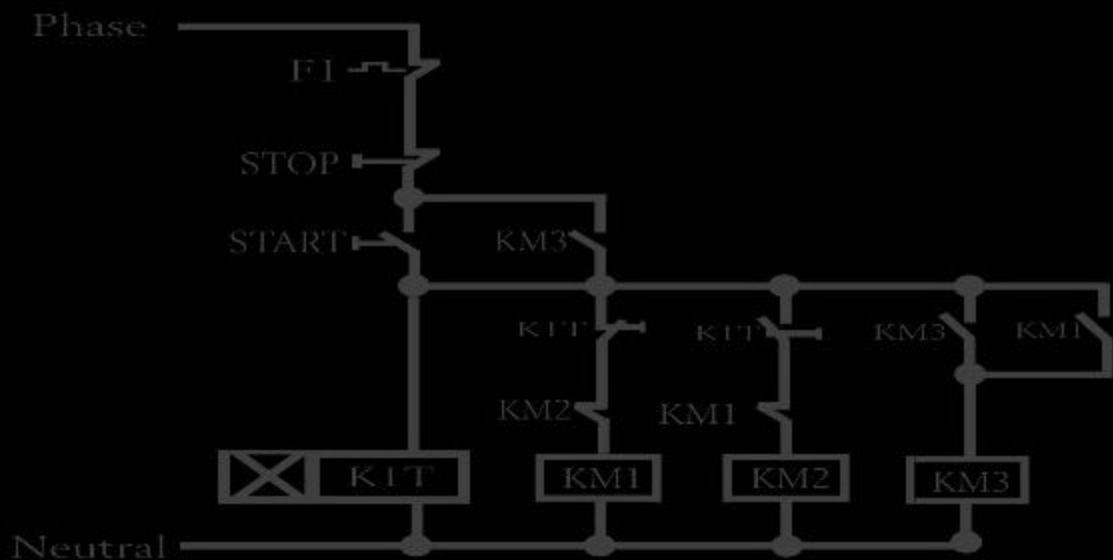
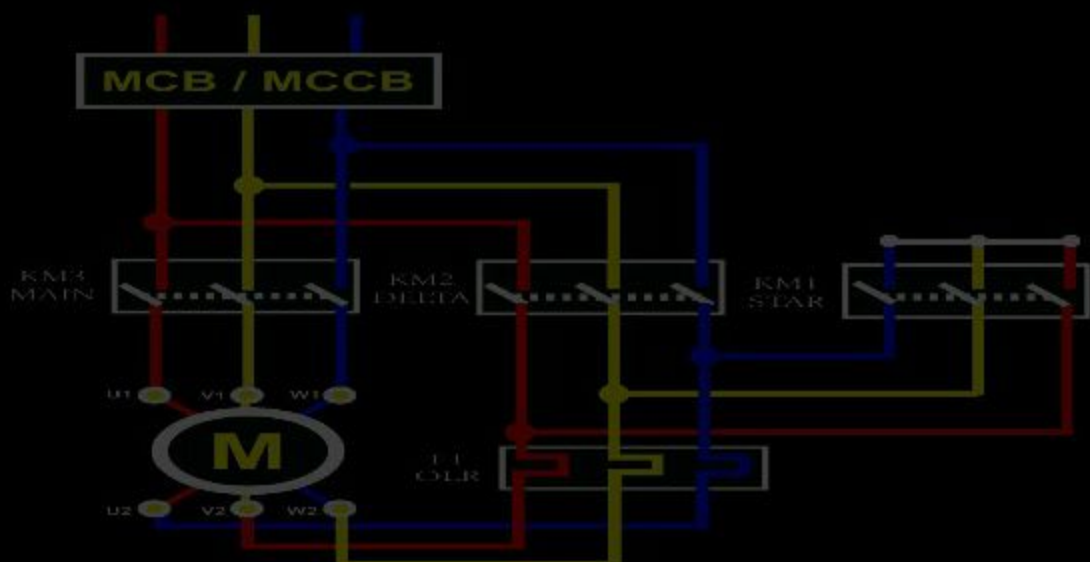


# Drawing is the Language of an Engineer



# dbson

Manufacturers of Electrical Control Panels Since 1983  
[www.dbson.in](http://www.dbson.in)





**UNIVERSAL POWER CONTROLS** is professionally run company with 30 years of experience in Manufacturing of Electrical Control Panel. In area viz., Automobile, Textiles, Foundry, Chemical, Construction, Cement, Food Processing Unit, Mining Sector, Oil Refineries, Gas, Sugar Plants & etc., We are also one of the leading advanced Training Providers in the area of Electrical Switchgears & their Application for Technical Aspirants.

## ELECTRICAL CONTROL PANELS

- ▶▶ Power Control Center - PCC
- ▶▶ Motor Control Center - MCC
- ▶▶ Synchronizing Panels
- ▶▶ Load Sharing & Load Management Panels
- ▶▶ Auto Mains Failure Panels - AMF
- ▶▶ Mimic Control Panels
- ▶▶ Automatic Power Factor Correction Panels - APFC
- ▶▶ Automation Panels
- ▶▶ Energy Metering Panels
- ▶▶ Electrical Turn Key Projects



**300 TPH Mining Plant - Motor Control Center - MCC**



**Foundry Plant - Double Busbar Main LT Panel**



**Cement Plant 110 KW  
Slipping Starter Panel**



**Distillery Plant - Mail LT Panel with AMF**

**Why this Training ?**

India is not suffering from Unemployment but it is suffering from Underemployment. 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 This Training for ....?**

Fresh Recruits working in the Industry  
 B.E., Electrical & Electronics Engineering Student  
 Diploma, Electrical & Electronics Engineering Students  
 Maintenance People & Technicians  
 Young Enthusiastic Entrepreneurs who want to learn Electrical.

**COURSES**

TRG02 - 02 Days Training  
 TRG06 - 06 Days Training  
 TRG10 - 10 Days Training  
 TRG30 - 30 Days Training

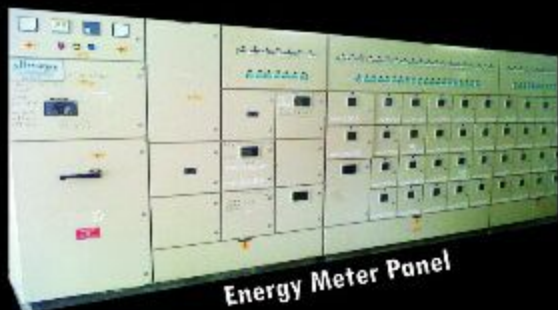
**Portable Training Modules****Training "Electrical Switchgears and its Applications" Modules**

- Module 1 :** Basics of Electrical
- Module 2 :** Contactors and Control Gears
- Module 3 :** Protective Relays
- Module 4 :** Breakers
- Module 5 :** Cable Selection, Glanding & Lugs
- Module 6 :** Constrictions of Drawings
- Module 7 :** Maintenance of Panels
- Module 8 :** APFC Panels

- Module 9 :** Practical Session of DOL Starter
- Module 10 :** Practical Session of Forward Reverse
- Module 11 :** Practical Session of Remote On & Off
- Module 12 :** Practical Session of Semi Automatic Star Delta
- Module 13 :** Practical Session of Fully Automatic Star Delta
- Module 14 :** Variable Frequency Drive
- Module 15 :** Practical Session on 3 Step Slipping Starter
- Module 16 :** Practical Session on 4 Step Slipping Starter







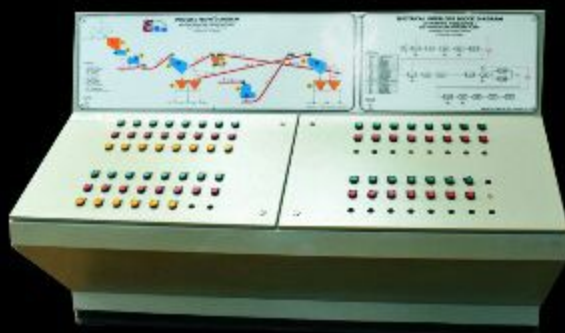
Energy Meter Panel



Synchronising Panel



Feedmill Plant - AMF with Bus Coupler Panel



Mimic Control Panel



Automatic Power Factor Correction Panel



## UNIVERSAL POWER CONTROLS

Plot # 22, Sathyamangala Indl. Area, Tumkur - 04.  
Mob. 9743534933, 9844051072  
upc@dbson.net



### DEBESON & COMPANY

Mini Complex, B.H. Road, Tumkur - 02.  
Mob. 9844731814  
trading@dbson.net

Deals in :- **SIEMENS**

(B) Bharat Bijlee **POLYCRAB**  
WIRES & CABLES



### SACHI AGENCIES

Siddaganga Complex, B.H. Road, TUMKUR - 01.  
Mob. 9844387479  
sachiagencies@gmail.com

Deals in :- **E Fenner FAG**

**SKF**



### DEBESON ENTERPRISES

# 22, Sathyamangala Indl. Area, Tumkur - 04.  
Mob. 7338085324, 9844731915  
sales@dbson.net

Deals in :- **Schneider Electric** **ABB**

**LAT SWITCHGEAR**





**UNIVERSAL POWER CONTROLS**  
Mfrs of Electrical Control Panels Since 1983

### TRAINING DIVISION

Plot No.22, Sathyamangala Industrial Area,  
TUMKUR - 572104, KARNATAKA, INDIA.  
50 Km from Bengaluru  
Tel : 91-816-2211448, 2211308,  
Ph : 09844051072, 09743534933  
E-mail : upc@dbson.net, Website : www.dbson.in

## Get Real Quality Electrical Switchgear Training only at TUMKUR



### WHY THIS TRAINING:

India is not suffering from Unemployment but it is suffering from Underemployment. 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.

### The First Monday of Every Month

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

### 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.



### TOPICS COVERED IN TRG06 - 06 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 , PF Relays , Frequency Meters , Energy Meters , ELR, CT, etc & Wiring of these Meters .

**Module 05: WIRES & CABLES** Selection Of Different Types Of Wires , Cables , Glands , Ferrules, Lugs & other accessories.

**Module 06: DOL STARTERS** Direct Online 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 Automatic Power Factor Correction Panels , Understanding Power Factor , Maintenance Of Panels , Different Type Of Capacitors , Usage , Selection & Installation .

**FAST TRACK TO THE WORLD OF ELECTRICAL**





# ELECTRICAL CONTROL PANELS

**Power Control Center - PCC**

**Motor Control Center - MCC**

**Synchronizing Panels**

**Load Sharing & Load Management Panels**

**Auto Mains Failure Panels - AMF**

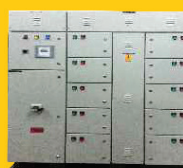
**Mimic Control Panels**

**Automatic Power Factor Correction Panels - APFC**

**Automation Panels**

**Energy Metering Panels**

**FAST TRACK TO THE WORLD OF ELECTRICAL**



**dbson** Is Just 50 Kms  
Tumkur From Bengaluru.

**dbson** **UNIVERSAL POWER CONTROLS** is professionally run Company with 30 years of experience in Manufacturing of Electrical Control Panel. in areas viz., Automobile, Textiles, Foundry, Chemical, Construction, 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.

## SOME OF OUR VALUABLE CUSTOMERS

COMPANY	PRODUCT	PLACE
M/S ADHUNIK POWER TRANSMISSION LTD	CONDUCTORS	JEMSHADPUR
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	ALUMINUM	ASSAM
M/S DEVIPRASAD CENTRAL	CONSTRUCTION	TUMKUR
M/S DEVIPRASAD CONSTRUCTION PVT LTD	CONSTRUCTION	BENGALURU
M/S DISA INDIA LTD	FOUNDRY	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 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 J.P.GROUP	CHEMICALS	BENGALURU
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	BENGALURU
M/S NANDA GROUP	FOOD	BENGALURU
M/S NSK CONSTRUCTIONS	CONSTRUCTION	DAVANGERE
M/S PRAGATHI STEEL CASTING PVT LTD	CASTING	SHIMOGA
M/S PRAMUKH INFRACON PVT LTD	CONSTRUCTION	BENGALURU
M/S REDDY VEERANNA CONSTRUCTIONS	CONSTRUCTION	BENGALURU
M/S SAMI LABS	CHEMICALS	BENGALURU
M/S SUMAN ELECTRIC UDYOGS	ELECTRICAL	BENGALURU
M/S SESA GOA LTD.,	MINING	PANJIM
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 TECH VALLEY ENTERPRISES	CONSTRUCTION	BENGALURU
M/S TOKAI RIKI MINDA INDIA PVT LTD	AUTOMOBILE	BENGALURU
M/S VASHI ELECTRICALS PVT LTD	ELECTRICAL	MUMBAI
M/S VIJAYANAND PRINTERS LTD	PAPER	CHITRADURGA
M/S VSL STEELS LTD	STEEL	SANDUR
M/S VIKRAM HOSPITALS(APKON)	HOSPITALS	TUMKUR
M/S WIPRO LTD	OIL INDUSTRY	TUMKUR