



# TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur – 441108 Accredited with NAAC A+ Grade  
Approved by AICTE, New Delhi, Govt. of Maharashtra  
(An Autonomous Institution Affiliated to RTM Nagpur University)



Department of Electrical Engineering

## Activity Based Learning (Session: 2022-23)

Course: DC Machine & Transformer

Activity: 1– Cross word Puzzle

Name of Student:

Roll No.

Time : 30 mins

alternate current

parallel circuit

electric current

magnetic domain

electromagnetic

electric power

magnetic field

series circuit

electric field

electric force

static charge

transformer

resistance

conductor

insulator

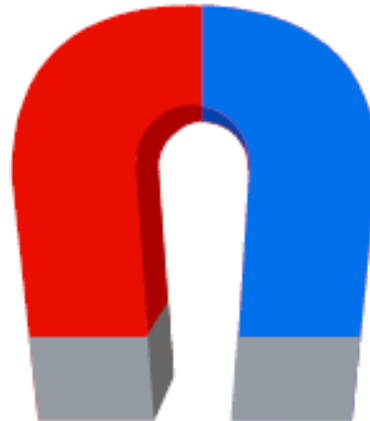
generator

voltage

circuit

motor

ion



U	O	R	D	P	B	D	Q	A	T	P	W	V	Q	K	A	N	U	C	E	A	L	O	
K	F	A	A	F	O	Y	O	Z	S	R	G	S	W	G	K	M	I	X	L	L	Q	E	H
Q	O	S	J	W	I	N	R	O	R	A	R	Z	L	Z	Y	N	A	L	T	E	T	C	V
B	Q	D	P	V	N	F	J	Q	O	N	J	X	P	Y	G	E	M	Q	U	C	I	V	Z
S	S	L	W	C	S	E	X	L	T	S	F	G	E	R	Z	L	O	P	Z	T	C	J	V
P	E	E	W	D	U	L	J	E	C	F	S	Q	E	O	Z	E	D	U	G	R	Y	H	C
A	R	I	Q	F	L	E	T	G	U	O	O	E	H	T	O	C	C	F	F	O	M	N	I
R	I	F	E	M	A	C	C	A	D	R	Z	X	C	O	M	T	I	L	A	M	A	C	M
A	E	C	T	F	T	T	O	L	N	M	E	E	P	M	B	R	T	E	J	A	G	C	F
L	S	R	I	V	O	R	T	T	O	E	M	I	A	Y	Z	I	E	G	B	G	N	I	S
L	C	I	U	G	R	I	K	E	C	R	L	D	I	T	H	C	N	A	W	N	E	X	V
E	I	T	C	U	V	C	X	R	Z	R	J	C	J	C	H	C	G	T	S	E	T	R	I
L	R	C	R	B	G	F	G	N	R	E	H	P	A	F	Y	U	A	L	T	T	I	W	R
C	C	E	I	F	K	O	G	A	D	W	D	X	O	I	D	R	M	O	A	I	C	Z	P
I	U	L	C	R	C	R	E	T	V	O	K	M	J	H	Q	R	U	V	T	C	F	E	N
R	I	E	L	X	Z	C	N	E	Q	P	O	B	Y	G	W	E	R	L	I	N	I	C	A
C	T	G	M	F	T	E	E	C	Q	C	M	U	G	I	R	N	Y	Y	C	O	E	N	F
U	S	Q	K	J	Z	X	R	U	F	I	L	Y	X	P	J	T	Q	Z	C	I	L	A	Q
I	Y	F	W	P	I	G	A	R	L	R	S	T	U	A	F	E	T	C	H	C	D	T	G
T	F	L	N	H	M	L	T	R	E	T	D	X	W	K	I	L	L	O	A	J	N	S	X
C	I	H	B	O	H	L	O	E	F	C	N	T	S	M	N	N	C	A	R	T	X	I	W
N	M	R	M	Z	X	Y	R	N	D	E	M	L	H	D	C	C	A	Y	G	D	F	S	U
Z	S	L	S	O	Y	Z	A	T	A	L	F	G	D	B	W	K	M	M	E	G	V	E	U
J	J	K	I	E	B	K	A	H	V	E	Y	G	J	A	I	T	L	W	D	W	M	R	P



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Department of Electrical Engineering

Activity Based Learning (Session: 2022-23)

Course: DC Machine & Transformer

Activity: 2– Cross word Puzzle

Name of Student:

Roll No.

Time : 30 mins

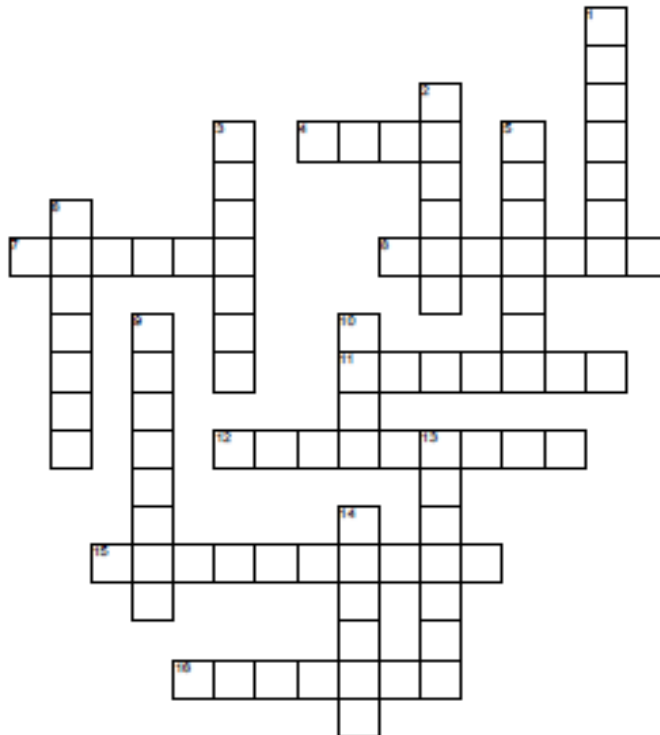
## Current Electricity Crossword

### Across

- 4. a protection device which melts to open a circuit and prevent damage
- 7. a part of an electric circuit which provides energy
- 8. different metals placed in a liquid electrolyte
- 11. the voltage drop between two points is directly related to the electric current through a conductor
- 12. provides a path for electrons
- 15. measured in ohms
- 16. the flow of electrons from one atom to another

### Down

- 1. stops, starts, increases or decreases current in a circuit
- 2. cells connected positive to negative
- 3. unit used to measure the number of electrons travelling through a circuit per second
- 5. different metals placed in a paste electrolyte
- 6. the amount of 'energy' the electrons have in a circuit



- 9. cells connected positive to positive and negative to negative
- 10. convert electrical energy to another form
- 13. electricity flowing in a controlled path
- 14. 2 or more cells joined together

