	ANNASAHEB DANGE GROUP OF INSTITUTIONS, VATHAR FACULTY OF ENGINEERING DEPARTMENT OF ELECTRICAL ENGINEERING	
	CIRCULAR/NOTICE	Doc No: AMGOI/EEM/03 Rev No:00 Rev.Dt:07/10/2022

Date-07/10/2022

All the students of Final Year are hereby informed that, departmental CA-I is scheduled from **10/10/2022 to 11/10/2022** of **20** marks. Exam schedule is as given below.

Time-table

Date	Time	Subjects B.Tech
10/10/2022	10 am to 11 am	Power System Operation & Control
	12 pm to 1pm	High Voltage Engineering
	2 pm to 3 pm	Electrical Drives
11/10/2022	10 am to 11 am	Electrical Traction and Utilization
	12 pm to 1pm	Energy Audit and Conservation

Prof.D.S.Patil

(Test Co-Ordinator)

Prof.Mrs S.H.Shete

(HOD)

HOD
Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur

Annasaheb Dange Group of Institutions
Electrical Engineering Department
Vathar Tarf Vadgaon

Date: 07/10/2022

AMGOI- Department of Electrical Engineering

Paper Received

for B.Tech (Yr.2022-23) Odd Sem.

Date & Time	Class	Roll No.	Name of Subject	Sub Faculty Sign
10/10/2022, 10.00 AM - 11.00 AM	Classroom(SL-08)	B.Tech (A) 1 to 40	Power System Operation & Control	
	Classroom(SL-11)	B.Tech (A) 41 to 60 B.Tech (B) 61 to 80		
	Classroom(SR-01)	B.Tech (B) 81 to 115	A=56, B=33 = 89	
10/10/2022, 12.00 PM - 1.00 PM	Classroom(SL-08)	B.Tech (A) 1 to 40	High Voltage Engineering	
	Classroom(SL-11)	B.Tech (A) 41 to 60 B.Tech (B) 61 to 80		
	Classroom(SR-01)	B.Tech (B) 81 to 115	A=54, B=34 = 88	
10/10/2022, 2 PM - 3.00 AM	Classroom(SL-08)	B.Tech (A) 1 to 40	Electrical Drives	
	Classroom(SL-11)	B.Tech (A) 41 to 60 B.Tech (B) 61 to 80		
	Classroom(SR-01)	B.Tech (B) 81 to 115	A=52 B=34 } 86	
11/10/2022, 10.00 AM - 11.00 AM	Classroom(SL-08)	B.Tech (A) 1 to 40	Electrical Traction and Utilization	
	Classroom(SL-11)	B.Tech (A) 41 to 60 B.Tech (B) 61 to 80		
	Classroom(SR-01)	B.Tech (B) 81 to 115	A=51 B=32 } 83	
11/10/2022, 12.00 PM - 1.00 PM	Classroom(SL-08)	B.Tech (A) 1 to 40	Energy Audit and Conservation	
	Classroom(SL-11)	B.Tech (A) 41 to 60 B.Tech (B) 61 to 80		
	Classroom(SR-01)	B.Tech (B) 81 to 115	A=52 B=32 84	

Mr.D.S.Patil
Exam Coordinator

Ashokrao Mane Group of Institutions
Electrical Engineering Department
Vathar Tarf Vadgaon

Prof.Mrs.S.H.Shete
H.O.D
Electrical Engineering
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Tal. Hatkanangale, Dist. Kolhapur

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

CA1 Examination – Sept 2022

Course: B. Tech in Electrical Engineering **Sem: VII**

Subject Name: Power System Operation & Control **Subject Code:** BTEEC701

Max Marks: 20 **Date:- 29/09/2022** **Duration:- 1 Hr.**

Instructions to the Students:

1. All questions are compulsory
2. Write all the answers with neat labeled diagram.
3. Figures to the right indicates full marks

		CO	Level	Marks
Q. 1	**Answer the following questions**			5
1	The leakage flux paths are _____ on the angular position of the rotor (a) Dependent (b) Proportional (c) Independent (d) Dependent and independent			
2	The phase displacement between d-axis and q-axis is (a)45 degree (b) 90 degree (c) 120 degree (d) 180 degree			
3	The direct axis is taken along _____ (a) Inter-polar axis (b) Rotor pole axis (c) In between inter polar and rotor axis (d) Parallel to interpolar axis			
4	When Q< 0 then generator reactive power will..... a)Absorb Lagging Reactive Power b) Deliver Lagging Reactive Power c) Deliver leading Reactive Power d) Absorb leading Reactive Power			
5	When Q>0 then generator reactive power will..... a)Absorb Lagging Reactive Power b) Deliver Lagging Reactive Power c) Deliver leading Reactive Power d) None of above			
Q.2	**Solve Any three of the following,**			15
(A)	Explain Reactive Power in details	CO1	R	
(B)	Write expression of stator voltage equation, stator & rotor flux linkages equation	CO2	R	
(C)	Write Expression for Stator self-Inductance	CO2	U	
(D)	Write Expression for Stator Rotor Mutual Inductance	CO2	U	
	*** End ***			

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING

CIRCULAR/NOTICE

Doc No: AMGOI/FRM/03
Rev No:01
Rev Dt:08/5/2023

Date-8/05/2023

All S.Y.students are hereby informed that, departmental MSE is scheduled from **11/5/2023 and 12/5/2023** of **20** marks. Exam schedule is as given below.

Time-Table

Date	Time	Subjects
		SY
11/5/2023	10.15 am to 11.15 am	Network Theory
	2.30 pm to 3.30 pm	Power System
12/05/2023	10.15 am to 11.15 am	Electrical Machine-II
	12.30 pm to 1.30pm	Analog and Digital Electronics
	2.45 pm to 3.45 pm	Electronic Devices and Circuits

Prof.D.S.Patil
(Test Co-Ordinator)

Prof. Mrs.S.H.Shete
(H.O.D.)

HOD
Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur

Electrical Engineering Department

	ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR FACULTY OF ENGINEERING DEPARTMENT OF ELECTRICAL ENGINEERING	
	CIRCULAR/NOTICE	Doc No: AMGOI-FRM-03 Rev No:01 Rev.Dt.17/3/2023

Date-17/03/2023

All the staff are hereby inform that, departmental MSE is scheduled from **1/4/2022 and 3/4/2023** of **20** marks. I hereby request you to submit question paper of respective subject **(hardcopy)** along with model answer paper in proper format given by DBATU before 30/3/20223 by 3.00 pm. Each question paper carries **20** marks.

Time-Table

Date	Time	Subjects	
		T.Y.	B.Tech.
1/4/2023	10.15 am to 11.15 am	Switchgear and Protection 1.2.5	DC Power Transmission Systems
	2.30 pm to 3.30 pm	Electrical Machine Design 2.3	Introduction to Industry 4.0 and Industrial Internet of Things
3/4/2023	10.15 am to 11.15 am	Control System Engineering 3.4	
	12.30 pm to 1.30pm	FACTS	
	2.45 pm to 3.45 pm	Power Plant Engineering	

Prof.D.S.Patil
Exam Coordinator

Prof. Mrs. S.H.Shete
(H.O.D.)

Ashokrao Mane Group of Institutions * Vathar Tarf Vadgaon * Electrical Engineering Department

HOD
Electrical Engineering
AMGOI, Faculty of Engineering
Vathar T...
Tal. Hatkanangle

AMGOI- Department of Electrical Engineering

Supervision Schedule

Date & Time	Class	Name Of Supervisor	SIGN
01-04-23 10.15 am to 11.15 am	Classroom(SL-11)	Mrs.S.A.Shankardas	
	Classroom(SR-01)	Mr.R.S.PuKale	
	Classroom(SR-11)	Miss.D.D.Ved	
	EDC Lab	Mrs.R.M.Shaikh	
01-04-23 2.30 pm to 3.30 pm	Classroom(SL-11)	Mr.K.R.Jadhav	
	Classroom(SR-01)	Miss.D.D.Ved	
	Classroom(SR-11)	Mrs.S.A.Shankardas	
	EDC Lab	Mr.R.S.PuKale	
03-04-23 10.15 am to 11.15 am	Classroom(SL-11)	Mrs.R.L.Patil	
	Classroom(SR-01)	Mr. A.V.Kumbhar ~~Mrs.V.K.Thombare~~	
	Classroom(SR-11)	Mrs.S.A.Shankardas	
	EDC Lab	Mr.D.S.Patil	
03-04-23 12.30 pm to 1.30pm	Classroom(SL-11)	~~Mr.R.S.PuKale~~ RLP	
	Classroom(SR-01)	Mr.K.R.Jadhav	
	Classroom(SR-11)	Miss.D.D.Ved 14	
	EDC Lab	Mrs.R.L.Patil 04	
03-04-23 2.45 pm to 3.45 pm	Classroom(SL-11)	K.R. Jadhav	
	Classroom(SR-01)	Mr. A.V.Kumbhar ~~Mrs.V.K.Thombare~~	
	Classroom(SR-11)	Mrs.R.M.Shaikh	
	EDC Lab	Mr. D.S. Patil	

Test Co-Ordinator

Ashokrao Mane Group of Institutions * Electrical Engineering Department * Vathar Tarf Vadgaon

HOD
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DR. BABASAHEBAMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

MSE Examination

Course: **T. Y. B. Tech** Semester: **VI**

Subject Name: **Power Plant Engineering** Subject Code: **BTEEOE605B**

Max Marks: **20** Date: 03/04/2023 Duration: **1 Hr.**

Instructions to the Students:

1. Assume suitable data if required.

		(Level/CO)	Blooms Level	Marks
Q. 1	**Fill in the Blanks.**			**05*01M**
1)	Which of the following are the components of a Steam Power Plant? a) Boiler, Turbine, Condenser, Pump b) Boiler, Turbine, Pump, Expansion valve c) Evaporator, Condenser, Boiler, Turbine d) Evaporator, Condenser, Boiler, Expansion valve	**BTEEOE605B.2**	R	**01**
2)	Pulverization process is _____	**BTEEOE605B.2**	R	**01**
3)	A control rod, in nuclear power plants, is _____ a) control the reaction b) reduce the temperature c) extract heat from nuclear reaction d) absorbs neutrons	**BTEEOE605B.3**	R	**01**
4)	Surge tank is used to protects_____	**BTEEOE605B.2**	R	**01**
5)	Coal is a _____Energy source.	**BTEEOE605B.1**	R	**01**
Q.2	Solve **any One** of the following.			**01*05 M**
1)	Give difference between Thermal, Nuclear & Hydro power plant.	**BTEEOE605B.2**	R	**05**
2)	Draw a neat block diagram and explain gas power plant. Also explain nuclear fission process.	**BTEEOE605B.3**	R	**05**
Q.3	Solve **any Two** of the following.			**02*5 M**
1)	Draw a neat block diagram and explain Thermal power plant.	**BTEEOE605B.2**	R	**05**
2)	Draw a neat block diagram and explain nuclear power plant.	**BTEEOE605B.2**	R	**05**
3)	Draw a neat block diagram and explain diesel power plant.	**BTEEOE605B.3**	R	**05**

Model Answer.

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

MSE Examination

Course: T. Y. B.Tech | **Sem: VI**

Subject Name: Power Plant Engineering | **Subject Code: BTEEOE605B**

Max Marks: 20 | **Date: - 03/04/2023** | **Duration: - 1 Hr.**

(Level/CO) Ma

Q. 1 Fill in the blanks

1) Boiler, turbine, Condenser, pump — BTEEOE605B.2

2) ground into fine particles (≈100 μm) and then injected with heated combustion air through a number of burners into the lower part of the furnace — BTEEOE605B.2

3) Absorb neutrons — BTEEOE605B.3

4) Penstock — BTEEOE605B.2

5) Nonrenewable — BTEEOE605B.1

1

Q. 2 Solve any one of the following

A) — BTEEOE605B.2

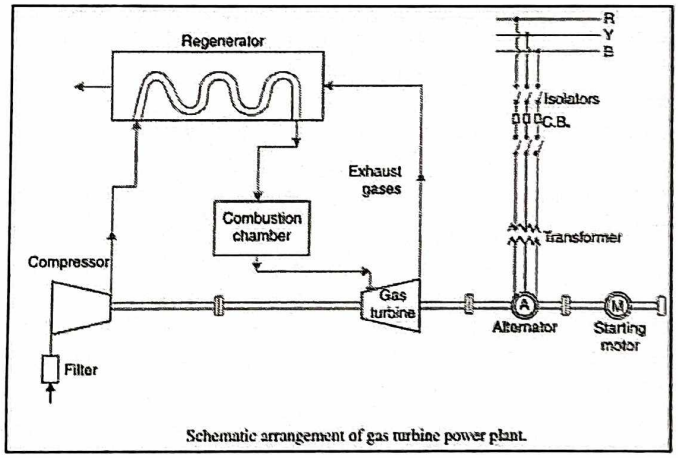
Basis of Difference	Thermal Power Plant	Nuclear Power Plant	Hydroelectric Power Plant.
Definition	A power generating station which converts heat energy of coal combustion into electricity is known as thermal power plant.	A power generating station which converts nuclear energy into electricity is known as nuclear power plant.	A power generating station which converts the potential energy of water stored at a height into electrical energy is known as hydroelectric power plant.
Location of plant	Thermal power plant is located at a place where huge water and coal is available and the transportation facilities are adequate.	The nuclear power plants are located quite away from the populated areas because they uses radioactive materials that can harm humans and animals.	Hydroelectric power plants are setup where large reservoirs of water can be obtained by constructing a dam such as in hill areas.
Capital cost	The capital cost of thermal power plant is low.	The capital cost of nuclear power plant is very high.	Due to construction of dam and excavation work, the initial cost of hydroelectric power station is comparatively high.
Operating cost	Thermal power plant involves high operating cost because it requires huge amount of coal.	The operating cost of nuclear power plant is comparatively lower than thermal power plant. It is because a small amount of nuclear fuel can produce	Since no fuel is required, therefore the operating cost of hydroelectric power plant is low.

		relatively large amount of power.	
Fuel used	Fossil fuels, mainly coal, is used in the thermal power plants.	Radioactive elements such as uranium, thorium, etc. are used as fuel in nuclear power plants.	Hydroelectric power plant uses water as the source of energy.
Efficiency	Thermal power plants are less efficient. The overall efficiency of a typical thermal power plant is about 25%.	Nuclear power plants are less efficient.	The efficiency of hydro power plant is very. For a typical hydro power plant, the overall efficiency is about 85%.
Maintenance cost	The maintenance cost of thermal power plant is less than nuclear power plant.	Maintenance cost of nuclear power plant is comparatively high because highly trained persons are required for maintenance.	Hydroelectric power plant involves very low maintenance cost

Any 5 points: 5 marks

B)

BTEEOE605B.3



Schematic arrangement of gas turbine power plant.

The combustion (gas) turbines being installed in many of today's natural-gas-fueled power plants are complex machines, but they basically involve three main sections:

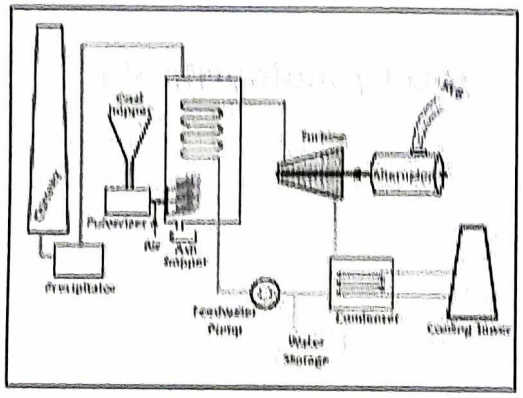
- **The compressor,** which draws air into the engine, pressurizes it, and feeds it to the combustion chamber at speeds of hundreds of miles per hour.
- **The combustion system,** typically made up of a ring of fuel injectors that inject a steady stream of fuel into combustion chambers where it mixes with the air. The mixture is burned at temperatures of more than 2000 degrees F. The combustion produces a high temperature, high pressure gas stream that enters and expands through the turbine section. *(2 marks)*

- **The turbine** is an intricate array of alternate stationary and rotating aerofoil-section blades. As hot combustion gas expands through the turbine, it spins the rotating blades. The rotating blades perform a dual function: they drive the compressor to draw more pressurized air into the combustion section, and they spin a generator to produce electricity. *(1 mark)*

Land based gas turbines are of two types: (1) heavy frame engines and (2) aeroderivative engines. Heavy frame engines are characterized by lower pressure ratios (typically below 20) and tend to be physically large. Pressure ratio is the ratio of the compressor discharge pressure and the inlet air pressure. Aeroderivative engines are derived from jet engines, as the name implies, and operate at very high compression ratios (typically in excess of 30). Aeroderivative engines tend to be very compact and are useful where smaller power outputs are needed. As large frame turbines have higher power outputs, they can produce larger amounts of emissions, and must be designed to achieve low emissions of pollutants, such as NOx. *(1 mark and for accurate fig: 1 mark)*

Q. 3 **Solve any two of the following**

1) **BTEEOE605B.2**



Coal: In a coal based thermal power plant, coal is transported from coal mines to the generating station. Generally, bituminous coal or brown coal is used as fuel. The coal is stored in either 'dead storage' or in 'live storage'. Dead storage is generally 40 days backup coal storage which is used when coal supply is unavailable. Live storage is a raw coal bunker in boiler house. The coal is cleaned in a magnetic cleaner to filter out if any iron particles are present which may cause wear and tear in the equipment. *(1 mark)*

Boiler: The mixture of pulverized coal and air (usually preheated air) is taken into boiler and then burnt in the combustion zone. On ignition of fuel a large fireball is formed at the center of the boiler and large amount of heat energy is radiated from it.

Superheater: The superheater tubes are hanged at the hottest part of the boiler. The saturated steam produced in the boiler tubes is superheated to about 540 °C in the superheater. The superheated high-pressure steam is then fed to the steam turbine.

Economizer: An economizer is essentially a feed water heater which heats the water before supplying to the boiler. *(1 mark)*

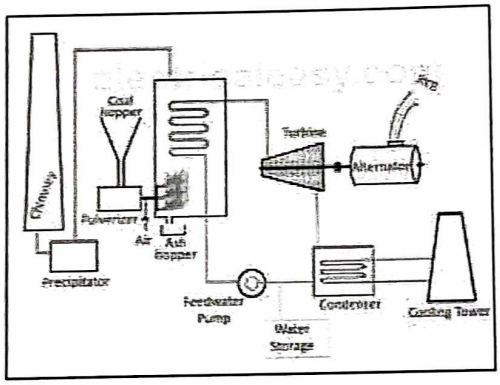
Air pre-heater: The primary air fan takes air from the atmosphere and it is then warmed in the air pre-heater. Pre-heated air is injected with coal in the boiler. The advantage of pre-heating the air is that it improves the coal combustion. *(1 mark)*

Steam turbine: High pressure super-heated steam is fed to the steam turbine which causes turbine blades to rotate. Energy in the steam is converted into mechanical energy in the steam turbine which acts as the prime mover.

Condenser: The exhausted steam is condensed in the condenser by means of cold-water circulation. Here, the steam loses it's pressure as well as temperature and it is converted back into water. Condensing is essential because, compressing a fluid which is in gaseous state requires a huge amount of energy with respect to the energy required in compressing liquid. *(1 mark and for accurate fig: 1 mark)*

BTEEOE605B.2

2)



The power plant that is used to warm the water to generate steam, then this steam can be used for rotating huge turbines for generating electricity. These plants use the heat to warm the water which is generated by nuclear fission. So the atoms in the nuclear fission will split into different smaller atoms for generating energy.

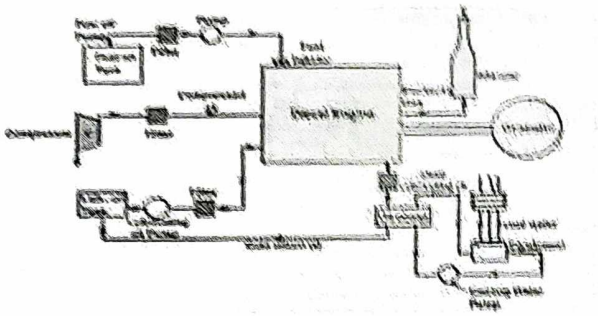
During nuclear fission, the heat can be generated within the core of the reactor. This heat can be used to warm the water into steam so that turbine blades can be activated. Once the turbine blades activated then they drive the generators to make electricity. In a power plant, a cooling tower is available to cool the steam into the water otherwise they use the water from different resources. Finally, the cooled water can be reused to generate steam. *(1 mark)*

Nuclear Reactor: In a power plant, a nuclear reactor is an essential component like a heat source that includes the fuel & its reaction of nuclear chain including the waste products of nuclear. The nuclear fuel used in the nuclear reactor is Uranium & its reactions are heat generated in a reactor. Then, this heat can be transferred to the coolant of the reactor to generate heat to all the parts in the power plant. *(1 mark)*

Steam Generation: In all the power plants, the production of steam is general; however, the way of generating will change. Most of the plants use water reactors by using two loops of rotating water to generate steam. The primary loop carries very hot water for heating an exchange once water at a low-pressure is circulated, then it warms the water to generate the steam to transmit to the turbine section. *(1 mark)*

Generator & Turbine : Once the steam is generated, then it travels with high pressures to speed up the turbine. The rotating of the turbines can be used to rotate an electric generator for generating electricity that is transmitted to the electrical grid. *(1 mark)*

3) BTRECE6053B.1



In a diesel power station, diesel engine is used as the prime mover. The diesel burns inside the engine and the products of this combustion act as the working fluid to produce mechanical energy. The diesel engine drives alternator which converts mechanical energy into electrical energy.

Diesel Engine: It is the main components used in diesel electric power plant for developing mechanical power. This mechanical power we use to run the generator & produce electrical energy. For producing the electrical energy the diesel engine is mechanically coupled to generator. When the diesel fuel burning inside the engine, its start to produce a mechanical power. The combustion of diesel fuel produces increased temperature & pressure inside the engine. Due to this pressure gases are formed, this gas pushes the piston inside the diesel engine, and then mechanical power is produced. With the use of this mechanical power the shaft of diesel engine starts rotating. *(1 mark)*

Engine Air Intake System: This System includes air filters, air tank, compressor & connecting pipes. The air filters are used to supply the fresh air to diesel engine for the purpose of combustion. Engine required fresh air because, if dust particles in the air entered into the engine will cause disastrous effect to valve, cylinder & pistons. The compressor or Supercharger is used to increase pressure of the air supplied to the engine. This will helps to increase the output power. *(1 mark)*

Engine Exhaust System: These systems consist of silencers & connecting ducts. As the temperature of the exhaust gases is sufficiently high, it is used for heating the fuel oil or air supplied to the diesel engine. The exhaust gas is removed from engine, to the atmosphere by

means of an exhaust system. A silencer is normally used in this system to reduce noise level of the engine. *(1 mark)*

Engine Cooling System: The Diesel Engine Cooling System Consist of coolant pumps, water cooling towers or spray pond, water treatment or filtration plant & Connecting Pipe Works. The heat produced due to internal combustion, drives the engine. But some parts of this heat raise the temperature of different parts of the engine. High temperature may cause permanent damage to the machine. Hence, it is essential to maintain the overall temperature of the engine to a tolerable level. *(1 mark and for accurate fig: 1 mark)*

***** End *****

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS

Department of Electrical Engineering

MSE RESULT

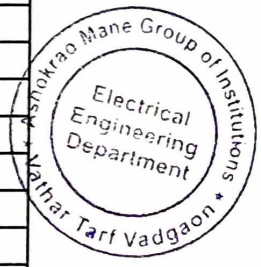
Academic Year:2022-23

SY SEM: IV

SR.NO.	Enrollment Number	Full Name	MSE				
			Network	PS	EM II	ADE	EDC
1	2162171293001	KIBILE SHRAVANI SATYASHIL	19	19	19	19	19
2	2162171293002	TUPE ROHAN SURESH	16	15	15	14	14
3	2162171293003	PATIL VINAYAK RAJENDRA	14	14	14	14	14
4	2162171293004	PATIL PRACHI SARDAR	19	20	19	19	19
5	2162171293005	PAWAR SANKET BHANUDAS	13	13	12	12	12
6	2162171293006	PATIL HARSHAVARDHAN BALASO	15	14	13	13	13
7	2162171293009	PATIL SHRADDHA SUHAS	16	18	17	17	17
8	2162171293010	YADAV SOHAM YASHWANT	18	18	16	15	15
9	2162171293011	YADAV PATIL TUSHAR RAJENDRA	15	14	14	14	14
10	2162171293012	SHIRGUPPE SAMMED MAHAVEER	16	15	14	14	14
11.	2162171293013	GARADE RAVIRAJ BHAGVAN	14	13	13	14	14
12	2162171293014	MANE PRATIKSHA PRAKASH	17	18	15	15	15
13	2162171293015	MOHITE PRATHMESH SHASHIKANT	14	13	13	14	14
14	2162171293016	CHOUGULE RUGVED RAJKUMAR	15	12	12	12	12
15	2162171293018	PATIL SAIRAM MUTTAPPA	14	12	12	12	12
16	2162171293019	PATIL PRATIKRAJ SANTOSH	14	15	14	13	13
17	2162171293020	BARGE MRUNALI VIPINKUMAR	18	18	16	17	17
18	2162171293021	HARUGADE RUSHIKESH RANGRAO	16	13	13	13	13
19	2162171293022	GAVALI TUSHAR SURESH	13	13	12	12	12
20	2162171293023	INGLE VEDANT RAJAN	19	20	20	18	18
21	2162171293024	PATIL TUSHAR MANIK	14	16	13	14	14
22	2262171293501	KSHIRSAGAR GITANAJALI SHARAD	13	14	12	12	12
23	2262171293502	SOKASANE SANKALP NANDKUMAR	16	18	16	15	15
24	2262171293503	KHANDAE HARSHVARDHAN PRAKASH	14	16	14	14	14

Mane Group of Institutions Electrical Engineering Department Tal. Kadegaon Dist. Sangli

R.NO.	Enrollment Number	Full Name	Network	PS	EM II	ADE	EDC
25	2262171293504	POWAR RUSHIKESH DILIP	16	16	15	15	15
26	2262171293505	MITAKE SWAPNIL NAMDEV	16	16	14	14	15
27	2262171293506	BARAGE DIGVIJAY MAHADEV	17	19	16	15	15
28	2262171293507	SHAMIM ASIF	13	13	13	14	14
29	2262171293508	PASARE OMKAR BALASAHEB	15	14	13	14	14
30	2262171293509	MUJAWAR LATIFA KABIR	18	15	14	14	14
31	2262171293510	PATIL PALLAVI SHANKAR	16	18	15	15	15
32	2262171293511	SHINDE VAISHNAVI SHAHAJI	17	18	15	15	15
33	2262171293512	MALI SUJIT ANIL	16	19	15	15	15
34	2262171293513	PATIL MAHESH SANTOSH	14	16	12	12	12
35	2262171293514	PATIL NISHANT DURYODHAN	15	18	16	15	15
36	2262171293515	PATIL MAYURESH VISHWAS	17	15	15	15	15
37	2262171293516	MAGDUM PRATHMESH CHANDRAKANT	14	14	14	14	14
38	2262171293517	SHINDE SANKET DEEPAK	15	17	15	15	15
39	2262171293518	PUJARI AKSHAY KARYAPPA	16	18	18	17	17
40	2262171293519	KHABADE NISHA SANJAY	18	18	17	16	16
41	2262171293520	PATIL BALAJI TANAJI	13	14	12	12	12
42	2262171293521	DHAVALE SAMMED RAJKUMAR	15	18	15	15	15
43	2262171293522	SHELAR SAKSHI DILIP	18	18	16	16	16
44	2262171293523	SHAHA KOMAL YOGESH	16	18	15	15	15
45	2262171293524	KHAN MOHAMMED UMAR MUKHTAR ALI	16	16	14	14	14
46	2262171293525	PATIL SAMRUDDHI SHIVAJI	18	19	20	18	18
47	2262171293526	JALANE SANKET SANJAY	16	19	15	15	15
48	2262171293527	NAGARALE ROHIT YUVARAJ	17	18	15	15	15
49	2262171293528	SAVALEKARI RUTUJA SUBHASH	18	20	20	18	18
50	2262171293529	INDALKAR YUVARAJ PARASHARAM	15	15	13	13	13
51	2262171293530	SANGLIKAR JAYTIRTH ARVIND	15	15	13	13	13
52	2262171293531	YADAV NITIN TANAJI	16	17	16	16	16
53	2262171293532	ARADE PRATHAMESH GANAPATI	15	16	14	14	14
54	2262171293533	KAMME NEHA SHIVAJI	16	16	15	15	15
55	2262171293534	PATIL AKASH DINKAR	13	14	12	12	12
56	2262171293535	WAINGADE SANGRAM SUNIL	16	18	18	18	18



SR.NO.	Enrollment Number	Full Name	Network	PS	EM II	ADE	EDC
57	2262171293536	SHINDE SHUBHAM SANTOSH	16	18	17	17	17
58	2262171293537	SHEDBALE ROHAN DASHRATH	16	14	13	14	14
59	2262171293538	PATIL SHIVARAJ RAJARAM	13	14	12	12	12
60	2262171293539	SAVARE OMKAR SURESH	16	13	14	14	14
61	2262171293541	SUTAR PRATHMESH SHIVAJI	16	13	13	13	13
62	2262171293542	BACHCHE PRATHAMESH PARSHURAM	13	13	13	13	13
63	2262171293543	CHAVAN PRITAM SUNIL	16	18	18	15	15
64	2262171293544	MEHERKAR SARANG SACHINE	13	16	15	15	15
65	2262171293545	PATIL RAJKUMAR HANMANT	17	16	15	15	15
66	2262171293546	POTe PRATIK JINENDRA	13	16	13	13	13
67	2262171293547	PATIL ABHISHEK DEEPAK	13	16	13	13	13
68	2262171293548	VADGAVE SHREYAS SHAMSUNDAR	13	15	13	13	13
69	2262171293549	KAMBLE RASIKA BABURAO	13	13	12	12	12
70	2262171293550	NIKAM KUNAL SHIVAJI	15	16	13	13	13
71	2262171293551	DALWAI NAZIM MAHAMMADHUSEN	13	13	12	12	12
72	2262171293552	PATIL ATUL BALGONDA	17	18	17	17	17
73	2262171293553	DODE PRATHMESH VIJAY	14	16	13	13	13
74	2262171293554	SALOKHE SUSHANT PANDURANG	13	16	13	13	13
75	2262171293555	SHETE ROHAN SHANTINATH	13	16	13	13	13
76	2262171293556	JAVIR UMESH SURYAKANT	13	14	13	13	13
77	2262171293557	ATHARV MALLIKARJUN KOLI	16	18	15	15	15
78	2262171293558	PATIL YASH UMESH	15	16	14	14	14
79	2262171293559	AVDHUT BHAGAWAN PATIL	16	18	17	17	17
80	2262171293560	MAGDUM ANUSHKA ARUNKUMAR	16	18	13	14	14
81	2262171293561	LANJEKAR ARMAN BABALAL	19	19	18	17	17
82	2262171293562	PATANKAR MOHSIN MOHAMMADHASAN	14	17	16	16	16
83	2262171293563	KAWARE SHIVAM SHAILESH	14	13	12	12	12
84	2262171293564	PATIL PRERANA UMESH	17	20	20	18	18
85	2262171293565	JAGTAP RUSHIKESH RAMESH	16	15	14	15	15
86	2262171293566	KAMBLE OMKAR TUKARAM	15	16	15	15	15
87	2262171293567	CHAVAN ADITYA RAOSAHEB	14	15	13	13	13
88	2262171293568	PATIL SANIKA SUNIL	17	18	16	16	16

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SR.NO.	Enrollment Number	Full Name	Network	PS	EM II	ADE	EDC
89	2262171293569	CHAVAN PATIL PRACHI RAJARAM	13	14	13	13	13
90	2262171293570	MADHALE ANIKET VINOD	14	18	15	15	15
91	2262171293571	BALLAL OMKAR ARUN	13	15	12	12	12
92	2262171293572	KOGNOLE TUSHAR BHAUSO	13	18	17	17	17
93	2262171293573	KADAM PRATIKSHA PRAKASH	18	18	14	14	14
94	2262171293574	JADHAV PRATHMESH RAJARAM	13	16	13	13	13
95	2262171293575	GHORAPADE RUTUJA SANTOSH	13	19	17	17	17
96	2262171293576	CHOUGULE PRAJAKTA ANANDA	15	19	17	17	17
97	2262171293577	BABAR AJAY DRONACHARYA	13	15	13	13	13
98	2262171293579	MAHIND SANIKA DHANAJI	13	14	12	12	12
99	2262171293580	SALaVI YASH HARIDAS	15	18	16	16	16
100	2262171293581	SANGRAM SOPAN KANOJE	13	16	13	13	13
101	2262171293582	NADAF SOHEL RAMJAn	15	16	14	14	14
102	2262171293584	DESHMUKH RUTURAJ SHASHIKANT	14	18	15	15	15
103	2262171293585	DAVANE NIKHIL CHANDRAKANT	15	17	15	15	15
104	2262171293586	BHINGARADEVE SAHIL SAKHARAM	14	13	13	13	13
105	2262171293587	BARGE RANJEET DATTATRAY	14	13	13	13	13
106	2262171293588	SHRUTI PANDURANG JAGADALE	13	13	13	13	13
107	2262171293589	GURAV RAJVARDHAN SHIVAJI	13	13	12	12	12
108	2262171293590	RUPESH NITIN RASANKAR	14	15	14	14	14
109	2262171293593	MANE KISHOR PRATAP	15	18	15	15	15
110	2262171293594	TRUPTI CHANDRAKANT AVAGHADE	17	19	15	15	15
111	2262171293595	PATIL RUTUJA KRUSHNAT	15	19	16	16	16
112	2262171293599	PATIL ATHARV SARJERAO	15	18	14	14	14
113	2262171293600	PATIL ABHIJEET SAMPAT	14	18	14	14	14
114	2262171293601	SAMDOLE SOURABH SATISH	13	13	13	13	13
115	2262171293602	MULIK SUMIT RAMESH	13	14	13	13	13
116	2262171293603	MENSANGI MANASI MALLESH	13	14	15	15	15
117	2262171293604	KSHIRSAGAR SAKSHI VINAYAK	13	14	14	14	14
118	2262171293605	MANE YOGITA YUVRAJ	13	14	14	14	14
119	2262171293606	PRASAD MALLIKARJUN HIREMATH	13	14	14	14	14
120	2262171293607	SIDDHEH SANJY BHOSALE	13	14	14	14	14

SR.NO.	Enrollment Number	Full Name	Network	PS	EM II	ADE	EDC
121	2262171293608	PUJARI SANDIP SHAMRAV	16	15	13	13	13
122	2262171293609	PATIL SHUBHAM PRAVIN	14	14	13	13	13
123	2262171293610	DESAI NIKHIL TUKARAM	13	14	12	12	12
124	2262171293611	KAMLAKAR CHINMAY SATISH	14	14	13	13	13
125	2262171293612	THORAT SHRUTIKA DHANAJI	13	13	13	13	13
126	2262171293613	GHURE VAIBHAV BABAN	13	15	13	13	13
127	2262171293614	PANCHAL PRATIK DHANANJAY	13	13	13	13	14
128	2262171293615	BARAGE ASHLESHA RAMCHANDRA	13	15	14	14	14
129	2262171293616	JADHAV ROHIT DEEPAK	13	13	13	13	15
130	2262171293617	SANADI KAJAL SIKANDAR	13	14	13	13	16
131	2262171293619	SUTAR BALASAHEB DATTATRAYA	13	14	13	13	17

Test Coordinator

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