

**M.TECH.
(POWER ELECTRONICS AND DRIVES)**

3RD SEMESTER PROJECT DETAILS



**Department of Electrical Engineering
Faculty of Engineering and Technology J.C. Bose
University of Science and Technology, YMCA
Faridabad, Haryana-121006**

SR.NO	STUDENT NAME	UNIVERSITY REGISTRATION NUMBER	PAGE NO
1.	JALAJ TYAGI	20001518001	3
2.	MANISHA SINGH	20001518002	4
3.	PRADEEP CHAUDHARY	20001518004	5
4.	SUMIT KUMAR YADAV	20001518005	6
5.	ATUL CHAUHAN	20001518006	7

CERTIFICATE

This is to certify that the dissertation entitled “**PERFORMANCE ENHANCEMENT OF ELECTRIC VEHICLE WITH ULTRA CAPACITOR USING FUZZY LOGIC**” submitted to Department of Electrical Engineering, Faculty of Engineering and Technology, J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana-121006 by **Mr. JALAJ TYAGI** in partial fulfillment of the requirement for the degree of **MASTER OF TECHNOLOGY in POWER ELECTRONICS AND DRIVES**, is a bonafide work carried out by him/her under my supervision and guidance. This dissertation work comprises of original work and has not been submitted anywhere else for any other degree to the best of my knowledge.



Project Supervisor(s)
Dr. Poonam Signal
Chairperson, Electrical Engineering
Department of Electrical Engineering
JC Bose UST, YMCA
Faridabad

Co-Supervisor
Mr. Atma Ram
Assistant Professor
Department of Electrical Engineering
JC Bose UST, YMCA
Faridabad

The M.Tech. Viva-voce examination of Mr. Jalaj Tyagi has been held on **13.01.2022**

Signature of supervisor(s)



Signature of Chairperson

Signature of External Examiner

CERTIFICATE

This is to certify that the dissertation entitled “**Modelling and simulation of Static Var Compensator for improvement of voltage stability in power system**” submitted to Department of Electrical Engineering, faculty of engineering and technology, J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana – 121006 by **Manisha Singh** in partial fulfillment of the requirement for the degree of MASTER OF TECHNOLOGY in POWER ELECTRONICS AND DRIVES, is a bonafide work carried out by her under my supervision and guidance. This dissertation work comprises of original work and has not been submitted anywhere else for any other degree to the best of my knowledge.

Project Supervisor


Dr. ANJU GUPTA

(Professor)

Department of Electrical Engineering

JC Bose UST, YMCA

Faridabad


Signature of Supervisor

Signature of Chairperson

Signature of External Examiner

CERTIFICATE

This is to certify that the dissertation entitled “**HYBRID (SOLAR & WIND) POWER GENERATION SYSTEM**” submitted to Department of Electrical Engineering, Faculty of Engineering and Technology, J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana-121006 by **Mr. PRADEEP CHAUDHARY** in partial fulfillment of the requirement for the degree of MASTER OF TECHNOLOGY in POWER ELECTRONICS AND DRIVES, is a bonafide work carried out by him/her under my supervision and guidance. This dissertation work comprises of original work and has not been submitted anywhere else for any other degree to the best of my knowledge.



Project Supervisor(s)
DR. RAJESH KUMAR AHUJA

Department of Electrical Engineering
JCBoseUST, YMCA
Faridabad

The M.Tech. Viva-voce examination of Mr. PRADEEP CHAUDHARY has been held on 13/01/2022.

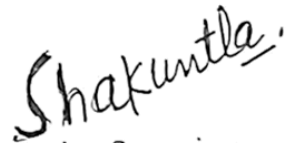
Signature of supervisor(s)

Signature of Chairperson

Signature of External Examiner

CERTIFICATE

This is to certify that the dissertation entitled “DEVELOPMENT & IMPLEMENTATION OF CONTROLLED ELECTROMAGNETIC SUSPENSION SYSTEM (EMS) USING FEM PARAMETRIZED LINEAR ACTUATOR” submitted to Department of Electrical Engineering, Faculty of Engineering and Technology, J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana-121006 by **Mr. Sumit Kumar Yadav** in partial fulfilment of the requirement for the degree of MASTER OF TECHNOLOGY in POWER ELECTRONICS AND DRIVES, is a bonafide work carried out by him under my supervision and guidance. This dissertation work comprises of original work and has not been submitted anywhere else for any other degree to the best of my knowledge.



Project Supervisor

Dr. Shakuntla

Assistant Professor

Department of Electrical Engineering

JC Bose UST, YMCA

Faridabad

Co-Supervisor

Mr. Nitin Goel

Assistant Professor

Department of Electrical Engineering

JC Bose UST, YMCA

Faridabad

The M.Tech. Viva-voce examination of Mr. Sumit Kumar Yadav has been held on DD/MM/YY.

Signature of supervisor Signature of co-supervisor Signature of Chairperson

Signature of External Examiner

CERTIFICATE

This is to certify that the dissertation entitled "SPEED CONTROL OF DC MOTOR BY PULSE WIDTH MODULATION" submitted to Department of Engineering, Faculty of Engineering and Technology, J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana -121106 by ATUL CHAUHAN (Roll No. 20001518006) fulfilment of the degree of MASTER OF TECHNOLOGY, ELECTRONICS AND DRIVES, is a bonafide work carried out by him under my supervision and guidance. This dissertation work comprises of original work and has not been submitted anywhere else for any other degree to the best of my knowledge.



Project Supervisor
Dr. Yogender Arya
Assistant Professor
Department of Electrical Engineering
JC Bose UST, YMCA
Faridabad

The M.Tech. Viva-voce examination of Mr. Atul Chauhan has been held on 13/01/22.

Signature of supervisor

Signature of co-supervisor

Signature of Chairperson

Signature of External Examiner