



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:10-07-2020

Department	ELECTRICAL AND ELECTRONICS ENGINEERING	Application No.	20200229
Area of Research	POWER ELECTRONICS BASED POWER QUALITY ISSUES	Research Mode	PART TIME

Name :GORREPATI ESWARA RAO

Date of Birth / Age :05-05-1988 / 32 Years

Gender :MALE

Category :SC

e-Mail ID :eswar206@gmail.com

Mobile :8639088206



Esware

Father's/Husband's Name	PAPA RAO	Father's/Husband's Occupation	COOLY
Family Income	220000	Residential Type	RURAL
Birth Place	GOTTUMUKKALA	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	524289052918	PAN No.	BUPPG7937L
Physically Challenged	NO	Type of Disability	-

Address for Communication:
 H NO : 8-31 DHANA LAXMI NAGAR COLONY
 GOTTUMUKKALA
 KANCHIKACHERLA
 KRISHNA DISTRICT
 ANDHRA PRADESH
 INDIA
 Pin-521180

Permenant Address:
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 GOTTUMUKKALA
 KANCHIKACHERLA
 KRISHNA DISTRICT
 ANDHRA PRADESH
 INDIA
 Pin-521180

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.TECH	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	2010	57.80	SECOND	REGULAR
M.TECH	POWER ELECTRONICS	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD	2013	71.45	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
ASHOKA INSTITUTE OF ENGINEERING AND TECHNOLOGY	ASSISTANT PROFESSOR	2015-10-06	2020-06-10	TEACHING	
SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY	ASSISTANT PROFESSOR	2013-09-05	2015-09-30	TEACHING	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
20200229_200710114825	SHMP8982445364	10-07-2020	600	SUCCESS

Power quality issues and power electronics

Harmonics in the distribution network have become an area of keen interest for utilities, power consumers and academic researchers due to its potentially disruptive impact on economy. This interest has led to the development of a large number of standards that contain the problems as well as technological solutions to meet the specifications of the standards. In this paper, we discuss the genesis of power quality problems due to growing use of power electronics equipment in processing power and impact of harmonic current generated by them on the distribution network. The power quality standards are discussed and technological solutions are evaluated in detail.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 629702



H.T No.: **11E21D4303**

College Code : E2 (V V I T, CHEVELLA)

Mr. Gorrepati Eswara Rao

S/o. Papa Rao

having fulfilled the academic requirements and passed the examination held during *December, 2013* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

Master Of Technology

Power Electronics

Given under the Seal of the University

Date: 04-09-2014



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR

CMM No
20198001876



45200198156003

PC No
30198001885

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बसु कर्मसु कोशासतु
GATEWAY TO EXCELLENCE

N.V. [Signature]



Rameshwar Rao

DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR

CMM No
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45200198156003

PC No
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA



CONSOLIDATED MARKS MEMO / CREDIT SHEET

CMM. No. : **C 0360560**

Master of Technology- POWER ELECTRONICS

Serial No. : 20198001876

Name of the College : **V V I T, CHEVELLA**

Name : **GORREPATI ESWARA RAO**

Month & Year of Final Exam : **December, 2013**

Hall Ticket No. : 11E21D4303

Year of Admission : 2011-2012

Class Awarded : **FIRST CLASS WITH DISTINCTION**

S.No	SUBJECT TITLE	INT	EXT	Total	Pass(P)/ Fail(F)
		MARKS	MARKS	MARKS	
	Maximum Marks in Theory	40	60	100	
	Maximum Marks in Lab	40	60	100	

I SEMESTER

1	MACHINE MODELING & ANALYSIS	35	29	64	P
2	ANALYSIS OF POWER ELECTRONIC CONVERTERS	32	37	69	P
3	MODERN CONTROL THEORY	33	37	70	P
4	POWER ELECTRONIC CONTROL OF DC DRIVES	35	30	65	P
5	HIGH VOLTAGE DC TRANSMISSION	34	24	58	P
6	ENERGY CONSERVATION SYSTEMS	33	29	62	P
7	POWER CONVERTERS LAB	36	54	90	P
8	SEMINAR	48	-	48	P

II SEMESTER

1	POWER ELECTRONIC CONTROL OF AC DRIVES	33	24	57	P
2	MICROPROCESSOR AND MICROCONTROLLER	35	36	71	P
3	FLEXIBLE AC TRANSMISSION SYSTEMS (FACTS)	33	33	66	P
4	NEURAL AND FUZZY SYSTEMS	32	24	56	P
5	DIGITAL CONTROL SYSTEMS	29	45	74	P
6	RELIABILITY ENGINEERING	34	28	62	P
7	ELECTRICAL SYSTEMS SIMULATION LAB	37	57	94	P
8	SEMINAR - II	47	-	47	P

III SEMESTER

1	COMPREHENSIVE VIVA - VOCE	-	94	94	P
(Comprehensive VIVA External= 100)					

IV SEMESTER

1	PROJECT WORK*	-	C	-	P
(* A - Excellent, B - Good, C - Satisfactory, D - Un Satisfactory)					

Aggregate Marks Secured: **1147 OUT OF 1600 (71.69%)**

Date of Issue : **January 16, 2014**

(see overleaf for Rules concerned to award of class)



(*Courses registered but not counted for calculation of aggregate)

Aravind S. G. S.
CONTROLLER OF EXAMINATIONS



SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Peeran Cheru, Himayat Sagar Road, Hyderabad - 500 008.

Established by **SHADAN EDUCATIONAL SOCIETY. (A MINORITY INSTITUTION)**

Permitted by the Govt. of A.P., Approved by A.I.C.T.E. & **Affiliated to JNTU, Hyderabad.**

College Phones : 65558801, 65246765, 65558802, 65558803, 65558804

E-mail : scet_shadan@yahoo.co.uk Website : www.scet.in.

Date : _____

10/11/2015

EXPERIENCE CERTIFICATE

This is to certify that Mr. GORREPATI ESWARA RAO, S/o PAPA RAO, has worked as Assistant Professor from 05-09-2013 to 30-09-2015, in Electrical and Electronics Engineering Department, at Shadan College of Engineering and Technology, Peerancheru, Hyderabad.

During the above mentioned period, he was punctual, sincere and rendered his duties diligently.




DIRECTOR
Shadan College of Engg. & Tech.
Peeran Cheru, Hyderabad-500008
College Code-08

आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

GORREPATI ESWARARAO



PAPA RAO GORREPATI

04/05/1988

Permanent Account Number

BUPPG7937L

Signature



18032016



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA



CONSOLIDATED MARKS MEMO / CREDIT SHEET

CMM. No. : **C 0360560**

Master of Technology- POWER ELECTRONICS

Serial No. : 20198001876

Name of the College : **V V I T, CHEVELLA**

Name : **GORREPATI ESWARA RAO**

Month & Year of Final Exam : **December, 2013**

Hall Ticket No. : 11E21D4303

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