



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:22-12-2020

Department	ELECTRICAL AND ELECTRONICS ENGINEERING	Application No.	202020165
Area of Research	POWER ELECTRONICS	Research Mode	PART TIME

Name :S CHITRA DEVI
Date of Birth / Age :04-02-1979 / 41 Years
Gender :FEMALE
Category :SC
e-Mail ID :chitradevitvm@gmail.com
Mobile :9486414128



S. Chitra Devi

Father's/Husband's Name	R.SETHU	Father's/Husband's Occupation	FARMER
Family Income	548268	Residential Type	RURAL
Birth Place	THIRUVARANGAM	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	514922298609	PAN No.	AOHPC3976N
Physically Challenged	NO	Type of Disability	-
Address for Communication: 359 SOUTH STREET / THIRUVARANGAM MUDHUKULATHUR RAMANATHAPURAM DISTRICT TAMIL NADU INDIA Pin-623712		Permenant Address: 359 SOUTH STREET/THIRUVARANGAM MUDHUKULATHUR RAMANATHAPURAM DISTRICT TAMIL NADU INDIA Pin-623712	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.E	APPLIED ELECTRONICS	ANNA UNIVERSITY CHENNAI	2007	70	I	REGULAR
B.E	ELECTRICAL AND ELECTRONICS ENGINEERING	MADURAI KAMARAJ UNIVERSITY	2000	63.19	I	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
MOHAMED SATHAK ENGINEERING COLLEGE	ASSOCIATE PROFESSOR	2003-02-02	2020-12-22	TEACHING	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020165_201224161133	VCUB9590827689	24-12-2020	600	SUCCESS

DESIGN AND ANALYSIS OF DUAL INPUT DC CONVERTER FOR HYBRID ELECTRIC VEHICLE SYSTEM

The large number of automobiles are in use around the world has caused serious problems of environment and human life. Nowadays air pollution, global warming, petroleum resources are serious problems. Thus the DC-DC converter has proposed for Hybrid Electric Vehicles to replace conventional vehicles in near future. Two energy storage devices uses in Hybrid Electric Vehicles such as main energy systems and rechargeable energy systems. Energy storage and supply devices vary their output voltage with load variation and the DC link create major challenge for vehicle integrating systems. Thus the DC-DC converter can be used to interface the element in the Hybrid Electric Vehicles system by boosting or chopping the voltage levels. Power electronic converters play an essential role in the incorporation of these green energy sources into the vehicle system For Automobile constraints, the power converter structure has to be reliable, less weight, small volume, low electromagnetic interference and low voltage/current ripple. The Dual Input DC converter have been simulated using MATLAB for a input voltage of 36-48 V, duty ratio of 0.8 and switching frequency is 5 kHz. The hardware prototype model of Dual input DC converter will be developed to analyze the performance of the converter for hybrid electric vehicle system.

9731241



Madurai Kamaraj University

பொறியியற் புலம் FACULTY OF ENGINEERING

மதுரை காமராஜர் பல்கலைக்கழக ஆட்சிப்பேரவை
சீ. சித்ரா தேவி
பின்னரியலும் பின்னணுவியலும் எனும் பீரில்
 பொறியியல் இளையர் பட்டம் பெறுதற்குத் தகுதியுடையவர் என முறையாக
 அமைக்கப்பெற்ற தேர்வுணைர் 192000 சும்பிரல் இல் நடைபெற்ற
 தேர்வில் சான்றளித்தவாறு, முதல் வகுப்பும்பெற்று, இப்
 பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது

The Senate of the MADURAI KAMARAJ UNIVERSITY
 hereby makes known that S. Chitra Devi
 has been admitted to the Degree of Bachelor of Engineering
 he/she having been certified by duly appointed Examiners to be
 qualified to receive the same and having been placed by them in
 the First Class in Branch Electrical and
Electronics Engineering at the Examination held in
April 192000

Given under the seal of the University



பல்கலைநகர், Palkalainagar
 மதுரை Madurai - 625 021.
 நாள் Dated : 22nd November 2000

பதிவாளர் பொறுப்பு
 Registrar -in-charge

துணைவேந்தர்
 Vice-Chancellor

Anna University Chennai



The Syndicate of the Anna University Chennai hereby makes known that
CHITRA DEVI S *has been admitted to the* **DEGREE OF MASTER OF**
ENGINEERING *in* **APPLIED ELECTRONICS** *under the* **Faculty of**
Information and Communication Engineering, *having completed the*
prescribed programme of study and having been certified by the duly appointed
examiners to be qualified to receive the same, and has been placed in **FIRST**
CLASS *at the Examination held in* **JUNE 2007.**

Given under the Seal of the University



Chennai 600 025
India
December 2007

V. Jayaraman
Controller of Examinations

K. Jayaraman
Registrar

Allesina
Vice-Chancellor



MADRURAI KAMARAJ UNIVERSITY

B. E. DEGREE EXAMINATION

BRANCH : ELECTRICAL AND ELECTRONICS ENGINEERING

STATEMENT OF MARKS

RS 0029359

NAME OF THE CANDIDATE		REGISTER NO.	CENTRE NO.	COLLEGE OF STUDY	EXAM M & YR	DATE OF PUBLICATION								
CHITRA DEVI S		9731241	505	MOHAMED SATHAK ENGG. COLLEGE, KILAKKARAI	APR 2000	16-JUN-2000								
SUB CODE	SUBJECT DESCRIPTION	MAX. MARK			MARKS OBTAINED									
		I	E	T	I	E	T							
511	ENGLISH	---	100	100	---	051	051	P	A97	---	091	091	P	A99
512	MATHEMATICS	---	100	100	---	049	049	P	A97	---	080	080	P	A99
513	APPLIED PHYSICS	---	100	100	---	054	054	P	A97	---	070	070	P	A99
514	APPLIED CHEMISTRY	---	100	100	---	045	045	P	A97	---	066	066	P	A99
515	BASIC ENGINEERING - I	---	100	100	---	054	054	P	A97	---	048	048	P	A99
516	BASIC ENGINEERING - II	---	100	100	---	045	045	P	A97	---	045	045	P	A99
517	ENGINEERING DRAWING	---	100	100	---	046	046	P	A97	---	088	088	P	A99
518	PHYSICS LABORATORY	---	100	100	---	085	085	P	A97	---	095	095	P	A99
519	CHEMISTRY LABORATORY	---	100	100	---	089	089	P	A97	---	066	066	P	A99
51A	WORKSHOP	---	100	100	---	087	087	P	A97	---	095	095	P	A99
D31	MATHEMATICS - III	---	100	100	---	046	046	P	N98	---	066	066	P	N99
D32	COMPUTER PROGRAMMING	---	100	100	---	045	045	P	N98	---	061	061	P	N99
D33	ELECTRIC CIRCUITS	---	100	100	---	049	049	P	N97	---	053	053	P	A00
D34	ELECTRON DEVICES	---	100	100	---	059	059	P	N97	---	066	066	P	A00
D35	THERMAL ENGINEERING	---	100	100	---	045	045	P	N97	---	056	056	P	A00
D36	FLUID MECHANICS & FLUID MACHINERY	---	100	100	---	047	047	P	N97	---	046	046	P	A00
D37	COMPUTER PROGRAMMING LAB	---	100	100	---	091	091	P	N97	---	046	046	P	A00
D38	THERMAL ENGG. & FLUID MACHINERY LAB	---	100	100	---	092	092	P	N97	---	056	056	P	A00
D41	MATHEMATICS - IV	---	100	100	---	045	045	P	N99	---	200	200		A00
D42	APPLIED MECHANICS	---	100	100	---	051	051	P	A98	---	100	100		A00
D43	ELECTRONIC CIRCUITS	---	100	100	---	067	067	P	A98	---	100	100		A00
D44	FIELD THEORY	---	100	100	---	071	071	P	A98	---	100	100		A00
D45	ELECTRICAL MACHINES - I	---	100	100	---	050	050	P	A98	---	100	100		A00
D46	ELECTRICAL ELECTRONICS MEASUREMENTS	---	100	100	---	053	053	P	N98	---	100	100		A00
D47	ELECTRICAL MACHINES LAB - I	---	100	100	---	075	075	P	A98	---	192	192	P	A00
D48	ELECTRONICS LAB	---	100	100	---	082	082	P	A98	---	057	057	P	A00
D51	NUMERICAL METHODS	---	100	100	---	045	045	P	N98	---	100	100		A00
D52	LINEAR INTEGRATED CIRCUITS & APPLICATIONS	---	100	100	---	064	064	P	N98	---	100	100		A00
D53	DIGITAL ELECTRONICS	---	100	100	---	056	056	P	N98	---	200	200		A00
D54	PRINCIPLES OF DIGITAL COMPUTERS	---	100	100	---	045	045	P	N98	---	100	100		A00
D55	CONTROL SYSTEMS	---	100	100	---	060	060	P	N98	---	100	100		A00
D56	ELECTRICAL MACHINES - II	---	100	100	---	059	059	P	N98	---	100	100		A00
D57	ELECTRICAL MACHINES LAB - II	---	100	100	---	083	083	P	N98	---	100	100		A00
D58	LINEAR & DIGITAL IC LAB	---	100	100	---	080	080	P	N98	---	100	100		A00
D61	ENGINEERING ECONOMICS & MANAGEMENT	---	100	100	---	046	046	P	A99	---	100	100		A00
D62	TRANSMISSION & DISTRIBUTION	---	100	100	---	060	060	P	A99	---	100	100		A00
D63	MICROPROCESSOR & ITS APPLICATIONS	---	100	100	---	057	057	P	N99	---	100	100		A00
D64	ELECTRICAL MACHINE DESIGN	---	100	100	---	045	045	P	N99	---	100	100		A00
D65	INSTRUMENTATION SYSTEMS	---	100	100	---	070	070	P	A99	---	100	100		A00
D66	COMMUNICATION ENGG.	---	100	100	---	052	052	P	A99	---	100	100		A00
CLASS		FIRST			TOTAL MARKS			2970/4700						

S. Chitra Devi
Signature of the Candidate

Any alteration or overwriting makes this statement of Marks invalid.
 Dated: Palkalainagar, Madurai - 625 021.

W. K. Chidambaram
K. CHIDAMBARAM - I
Controller of Examinations

Other Abbreviations - R - Result; P - Pass; F - Fail; AAA - Absent; SUB - Subject; M - Month; (A - April; N - November) YR - Year; MAX - Maximum; I - Internal; E - External; T - Total



ANNA UNIVERSITY
CHENNAI
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF MARKS

Folio No. F510639

NAME OF THE CANDIDATE		CHITRA DEVI S	REGISTER NO.		90705401001	
COLLEGE OF STUDY		S07: Mchared Sathak Engineering College	MONTH & YEAR OF LAST APPEARANCE		June 2007	
PROGRAMME & SPECIALIZATION		M.E. Applied Electronics	REGULATIONS		2005	
SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING
01	AN1601	Advanced Digital Signal Processing	100	50	059	NOV 2005
01	AN1602	Advanced Digital System Design	100	50	059	NOV 2005
01	AN1603	VLSI Design Techniques	100	50	058	NOV 2005
01	AN1604	Advanced Microprocessors and Microcontrollers	100	50	058	JUN 2006
01	MA1616	Applied Mathematics for Electronics Engineers	100	50	056	NOV 2006
01	AN1622	Neural Networks and Applications	100	50	061	NOV 2005
01	AN1605	Electronics Design Lab I	100	50	082	NOV 2005
02	AN1651	Analysis and Design of Analog Integrated Circuits	100	50	059	JUN 2006
02	AN1652	Computer Architecture and Parallel Processing	100	50	059	JUN 2006
02	AN1653	Digital Control Engineering	100	50	062	JUN 2006
02	AN1654	Embedded Systems	100	50	060	JUN 2006
02	AN1621	Digital Image Processing	100	50	060	JUN 2006
02	AN1623	Robotics	100	50	070	JUN 2006
02	AN1655	Electronic Design Lab II	100	50	098	JUN 2006
03	AN1625	ASIC Design	100	50	059	NOV 2006
03	AN1628	Internet working Multimedia	100	50	060	NOV 2006
03	AN1630	High Performance Communication Networks	100	50	064	NOV 2006
04	AN1751	Project Work	600	300	517	JUN 2007
End of Statement						
Classification : FIRST CLASS						
Total Marks : 1601 / 2300						
Percentage (rounded to nearest integer) : 70						



Medium of Instruction : ENGLISH

Chennai - 600 025.

Date : 21/06/2007

V. Zy Me

Controller of Examinations



MOHAMED SATHAK ENGINEERING COLLEGE

KILAKARAI - 623 806.

S.No: 7294

Folio No: XII

P.G. No: 05AP011

TRANSFER CERTIFICATE

1. Name of the student : S. CHITRA DEVI
2. Name of the Father : MR. R. SETHU
3. Date of birth as entered in the Admission Register : 02.04.1979
4. Date of Admission : 31.08.2005
5. Date of leaving : 02.07.2007
6. Class in which the Student was studying at the time of leaving : II - M. E
7. Branch of Study : APPLIED ELECTRONICS
8. Whether qualified for promotion to the higher class : YES - PASSED IN FIRST CLAS
9. Whether the Student had paid all the fees due to the College / Hostel : YES
10. Conduct and Character : Good
11. Attendance : GOOD
12. Community : SC - HINDU - PALLAN

Date : 11.05.09


PRINCIPAL
PRINCIPAL
Mohamed Sathak Engineering
College
Kilakarai-623 806

DEPARTMENT OF GOVERNMENT EXAMINATIONS, MADRAS 600 006

SECONDARY SCHOOL LEAVING CERTIFICATE

X - STANDARD - REVISED PATTERN

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

Certified that

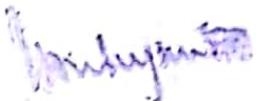
S CHITRA DEVI *appeared for the* APR. 1994
SSLC Public Examination and obtained the following percentage of marks:

SUBJECT	MARKS
TAMIL	84 EIGHT FOUR
ENGLISH	65 SIX FIVE
MATHEMATICS	87 EIGHT SEVEN
SCIENCE	89 EIGHT NINE
SOCIAL SCIENCE	84 EIGHT FOUR
TOTAL	409 FOUR ZERO NINE

DATE OF BIRTH 02.04.1979	REGISTER NO. 059091	TMR CODE NO. & DATE A054727 15.06.1994
SCHOOL SACRED HEART HSS TIRUVARANGAM		

A PASS IN THE SSLC (X STD.) EXAMINATION REQUIRES A MINIMUM OF THIRTY FIVE PERCENT OF MARKS IN EACH ONE OF THE FIVE SUBJECTS. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

S. Chitra Devi
Candidate's Signature :


Secretary
BOARD OF SECONDARY EDUCATION
TAMIL NADU



**MOHAMED SATHAK
ENGINEERING COLLEGE**
KILAKARAI, RAMANATHAPURAM DIST.

Approved by AICTE, COA NewDelhi, DGS Mumbai, Affiliated to Anna University
An ISO 9001:2008 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 06.



04567 - 241327

04567 - 242327

04567 - 245344

principal@msec.org.in

www.msec.org.in



MSEC/SERVICE/EEE/2020 - 14

DATE: 23.12.2020

SERVICE CERTIFICATE

This is to certify that **Mrs. CHITRA DEVI S** is working as an **ASSOCIATE PROFESSOR**, department of **ELECTRICAL AND ELECTRONICS ENGINEERING** in our college from **02.02.2003** to till date.

Her Conduct and Character are Good

This certificate is issued on the request of the individual for the purpose of applying Ph.D (Part - Time) in Kalasalingam University, Krishnanakovil.



Principals
**PRINCIPAL
PRINCIPAL**

**MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI - 623 806.**

23/12/20



Sathak Nagar, East Coast Road, Kilakarai - 62380
Ramanathapuram - District. Tamilnadu.

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

CHITRA DEVI S

SETHU

02/04/1979

Permanent Account Number

AOHPC3976N

S. Chitra Devi

Signature

Self attested

S. Chitra Devi

(S. CHITRA DEVI)



ELECTION COMMISSION OF INDIA
IDENTITY CARD

இந்திய தேர்தல் ஆணையம்
வாக்காளர் அடையாள அட்டை
JKS1831122



Elector's Name : Chitradevi

வாக்காளர் பெயர் : சித்திராதேவி

Father's Name : Sethu

தகப்பனார் பெயர் : சேது

Sex / பாலினம் : Female / பெண்

Age as on 1.1.2006

1.1.2006 அன்று வயது

23

JKS1831122

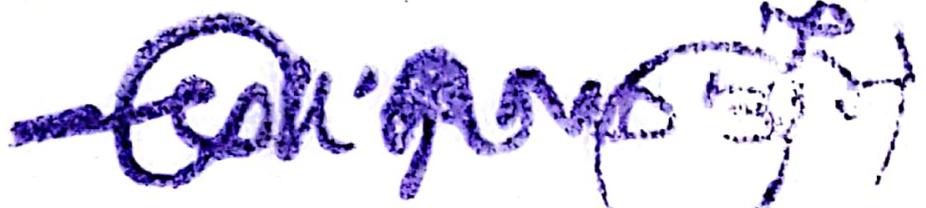
Address : 359

Thiruvarangam south kudiiruppu (ward-5)

Thiruvarangam (D)
RAMANATHAPURAM - 623712

முகவரி: 359
திருவரங்கம் தெற்குக்குடியிருப்பு வார்டு-5

திருவரங்கம் (ஊ)
இராமநாதபுரம் - 623712



Facsimile Signature of Electoral Registration Officer

வாக்காளர் பதிவு அதிகாரியின் கையொப்ப முத்திரை

For 203 - "Mudukulathur
Assembly Constituency

203 - முதுகுளத்தூர்
சட்டமன்ற தொகுதி

Place : Muthukulathur

இடம் : முதுகுளத்தூர்

Date / நாள் : 07/04/2006

This card may be used as an Identity Card
under different Government Schemes.

இந்த அட்டையை அரசின் பல்வேறு திட்டங்களின் கீழ்
அடையாள அட்டையாக பயன்படுத்தலாம்.

114 / 1018

SC

சான்றிதழ் எண்:

Certificate No. 27/96



மாவட்ட குறியீடு எண்

District Code

வட்ட குறியீடு எண்

Taluk Code

கிராமக் குறியீடு எண்

Village Code

1	6
0	5
1	4

390649

சாதிச்சான்றிதழ்

COMMUNITY CERTIFICATE

மாவட்டம் வட்டம்
 கிராமம் / நகரம், திரு / திருமதி / செல்வி /
 செல்வன் தகப்பனார் /
 கணவர் பெயர்
 வகுப்பைச் சார்ந்தவர். தாழ்த்தப்பட்டோர் மற்றும் பழங்குடியினர் உத்தரவுகள்
 (திருத்தப்பட்ட) சட்டம், 1976, வரிசை எண் படி தாழ்த்தப்பட்ட
 பழங்குடியினர் பிரிவைச் சார்ந்தவர் என சான்றளிக்கப்படுகிறது.

This is to Certify that **CHITRADEVI** Son of / Daughter of
 Thiru **SETHU** of Village / Town **medukulathur**
 Taluk **Ramanathapuram** District of the State of Tamil Nadu belongs to
HINDU-PALLAN Community, which is recognised as a Scheduled Caste as
 per the Scheduled Caste and Scheduled Tribe Orders (Amendment) Act, 1976, vide
 Serial No. **49**

2. திரு / திருமதி / செல்வி / செல்வன்
 என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில்
 மாவட்டத்தில் வட்டத்தில்
 கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் என சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru / Mrs / Selvi / Selvan **CHITRADEVI**
 and his / her family ordinarily reside(s) at **THIRUVARANGAM** Village / Town
 Taluk **Ramanathapuram** District of Tamil Nadu.

மூத்திரை
Sealகையொப்பம்
Signatureநாள்
Dateதனி எழுத்துக்களில் பெயர்
Name in Capital Lettersபதவிப் பெயர்
Designation20/11
S. வெங்கட்ராமன்TAHSILDAR,
MUDUKULATHUR.

Gcp. 26/1-4, 49, 000 Cps. - 8-4-94

20/11/96

20/11/96



MOHAMED SATHAK

ENGINEERING COLLEGE

KILAKARAI, RAMANATHAPURAM DIST.

Approved by AICTE, COA NewDelhi, DGS Mumbai, Affiliated to Anna University
An ISO 9001:2008 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 06.



04567 - 241327

04567 - 242327

04567 - 245344

principal@msec.org.in

www.msec.org.in



MSEC/NOC-EEE/2020 - 002

Date: 23.12.2020

NO OBJECTION CERTIFICATE

This is to certify that Mrs. CHITRA DEVI S has been working as a **ASSOCIATE PROFESSOR** in the Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** in our college since **02.02.2003**.

There is No Objection from our side for her doing **Ph.D** as a part time research scholar without affecting her regular class work in this college.

We have no objection for forwarding her application for the Ph.D Research Programme in part time.

The candidate will be permitted to undertake part time study in Kalasalingam Academy of Research and Education and will be allowed for discussions with the supervisor, attending course works, conduct of experiments, participation and presentations in seminars.



Handwritten signature

PRINCIPAL
PRINCIPAL

MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI - 623 806.

Handwritten signature
23/12/20



Sathak Nagar, East Coast Road, Kilakarai - 623806
Ramanathapuram - District. Tamilnadu.