



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:30-06-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	20200181
Area of Research	VEHICULAR NETWORKING	Research Mode	FULL TIME

Name :JEYA SUNDARI.M
Date of Birth / Age :16-02-1983 / 37 Years
Gender :FEMALE
Category :MBC
e-Mail ID :jeyasundari.srivi@gmail.com
Mobile :8248811447



Father's/Husband's Name	PANDIYARAJ.M	Father's/Husband's Occupation	EX-ARMY
Family Income	1 LAKH	Residential Type	RURAL
Birth Place	SRIVILLIPUTTUR	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	388026956349	PAN No.	BCDPJ28219
Physically Challenged	NO	Type of Disability	-
Address for Communication: 29,A/2 ELLAIYAMMANKOIL,KULLAR STREET KOTTAITHALAIVASAL SRIVILLIPUTTUR VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626125		Permenant Address: 29,A/2 ELLAIYAMMANKOIL,KULLAR STREET KOTTAITHALAIVASAL SRIVILLIPUTTUR VIRUDHUNAGAR DISTRICT TAMILNADU INDIA Pin-626125	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.TECH	NETWORKING	KLU	2012	7.3 CGPA	1	REGULAR
B.E	COMPUTER SCIENCE	AKCE	2008	65%	2	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
20200181_200630162502	SIOB8947760595	30-06-2020	600	SUCCESS

Ph.D Research Proposal

Supervisor:

Dr.R.Kanniga Devi,
Associate Professor,
Department of CSE,
Kalasalingam Academy
of Research and Education.

Area of Research :

Vehicular Network

Title of Research Work :

Security management of vehicular network with blockchain technology.

Abstract:

Internet of Vehicle is a technology which consists of cars as nodes in a network to create a mobile network.(Vehicular Ad-hoc Network)VANET turns every participating car into a WIRELESS ROUTER / NODE. Wireless communication network that includes car,bus,traffic signals, cell phones. Its applications associated with traffic safety,traffic efficiency and infotainment. The growth of Internet of Vehicle(IOV) has brought huge challenges for "Large data storage", intelligent management and information security for the entire system. The traditional centralized management approach for IOV faces the difficulty in dealing with real time response. The unique security and privacy challenges posed by VANET include integrity,confidentiality,non-repudiation,accesscontrol,realtimeoperational constraints/demands,availability,and privacy protection.

The Blockchain is an effective technology for decentralized distributed storage and security management in all engineering applications. It offers a peer-to-peer system in which distributed nodes collaboratively affirm transaction provenance. Blockchain enforces Continuous storage of transaction history,Secured via digital signature and Affirmed through consensus. Blockchain has been applied in Internet of things(IOT),Big data,Cloud and Edge computing paradigms along with many other emerging applications.

The proposed research work is to investigate how Blockchain technology could be extended to the application of vehicle networking, especially with the consideration of the distributed and secure storage of big data. Data trust is evaluated based on the data sensed and collected from multiple vehicles, node trust is assessed in two dimensional,i.e functional trust and recommendation trust. Using ledgers, the block chain database(information's) act as a decentralized manner. Merkel Tree (Binary hash tree) is a data structure used in computer applicationespecially for Vehicular network. A MERKEL root is the hash of all the sub hashes for the transactions, which are part of blocks in block chain network. A Merkle tree / binary tree is a data structure that is used in computer science application. Using this Merkle tree to encode blockchain data more efficiently and securely.

by

(M.Jeya Sundari)

KALASALINGAM UNIVERSITY

Kalasalingam Academy of Research and Education
(Under Section 3 of UGC Act 1956)



Register No : 9910112008

The Board of Management of the Kalasalingam University, hereby makes known that

Ms./Mr. **JEYA SUNDARI M** has been admitted to the

Master of Technology in Network Engineering

Degree of

he / she having been certified by duly appointed examiners to be qualified to receive the same

First Class

and having been placed in the

Apr/May 2012

at the examination held in

Given under the seal of the University



Anand Nagar,
Krishnankoil - 626 190,
Tamil Nadu, India

Date: 08/09/2012



Director (Academic)

Vice - Chancellor

Anna University Chennai



Reg. No.95101104019/RG

The Syndicate of the Anna University Chennai hereby makes known that **JEYA SUNDARI M** has been admitted to the **DEGREE OF BACHELOR OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING** 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 **SECOND CLASS** at the Examination held in **APRIL 2008**.

Given under the Seal of the University



Chennai 600 025
India
December 2008
EU/MA/10/023508

V. Srinivasan
Controller of Examinations

S. Ganapathi
Registrar

B. Srinivasan
Vice-Chancellor

KALASALINGAM UNIVERSITY

Kalasalingam Academy of Research and Education
(Under Section 3 of UGC Act 1956)



Sl. No : 210024

Anand Nagar
Krishnankoil – 626 190
Tamil Nadu, INDIA



M.Tech Degree Examinations CONSOLIDATED GRADE CARD

Name of the Student: JEYA SUNDARI M

Register No: 9910112008

Branch: Network Engineering

Batch: 2010-2012

SEM	COURSE CODE	NAME OF THE COURSE	ATTENDANCE CODE	CREDITS	GRADE	MONTH & YEAR OF PASSING
CGPA COURSES						
1	CSE5003	Advanced Networks	H	3	C	Nov/Dec 2010
1	CSE5012	Mobile Computing	H	3	B	Nov/Dec 2010
1	CSE5102	Internet Programming	H	3	A	Nov/Dec 2010
1	CSE5103	Mobile and Personal Communication	H	3	B	Nov/Dec 2010
1	CSE5104	Network Security	H	3	B	Nov/Dec 2010
1	CSE5105	Network Routing Protocols	H	3	B	Nov/Dec 2010
1	CSE5181	Internet Programming Laboratory	9	1	A	Nov/Dec 2010
1	CSE5182	Network Laboratory	H	1	A	Nov/Dec 2010

2	CSE5106	Wireless Networks	H	3	C	Apr/May 2011
2	CSE5107	High Speed Networks	H	3	B	Apr/May 2011
2	CSE5108	Simulation of Communicating Systems and Networks	9	3	C	Apr/May 2011
2	CSE5109	Network Management	9	3	C	Apr/May 2011
2	CSE5111	Optical Networks	9	3	D	Apr/May 2011
2	CSE5183	Network Simulation Laboratory	9	1	B	Apr/May 2011
2	CSE5184	Network Testing and Monitoring Laboratory	H	1	A+	Apr/May 2011
2	CSE6104	Storage Area Network	9	3	B	Nov/Dec 2011

3	CSE5117	VLSI Design	H	3	A	Nov/Dec 2011
3	CSE6102	Enterprise Network Design	H	3	C	Nov/Dec 2011
3	CSE6103	Convergent Networking	H	3	B	Nov/Dec 2011
3	CSE6198	Project Work - Phase I	H	6	A+	Nov/Dec 2011

4	CSE6199	Project work Phase-II	9	10	A+	Apr/May 2012

CGPA CREDITS

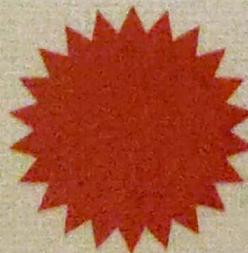
EARNED	TOTAL TO BE EARNED	CGPA	CLASS AWARDED
65	65	7.3231	First Class

Please see overleaf for details



Place : Krishnankoil

Date : 19/05/2012



Director (Academic)



ANNA UNIVERSITY CHENNAI, CHENNAI - 600 025

Folio No. F852486
J197004681055M

B.E. DEGREE EXAMINATIONS CONSOLIDATED STATEMENT OF MARKS

NAME OF THE CANDIDATE					REGISTER NO.								
COLLEGE OF STUDY					MONTH & YEAR OF LAST APPEARANCE								
PROGRAMME & BRANCH					REGULATIONS								
SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING	SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING
JEVA SUNDARI M					95101104019								
951: Arulmigu Kalasalingam College of Engineering					April 2008								
B.E. Computer Science and Engineering					2001								
03	CS231	Introduction to Analysis of Algorithms	100	50	064	NOV 2002	07	CS435	Software Systems Development Lab	100	50	094	NOV 2004
03	CS232	Digital Systems	100	50	057	NOV 2002	07	CS439	Comprehension	100	50	080	NOV 2004
03	CS233	System Software	100	50	050	APR 2003	08	GE406	Total Quality Management	100	50	067	APR 2005
03	CS234	Database Management Systems	100	50	054	NOV 2002	08	CS057	TCP / IP-Design and Implementation	100	50	057	APR 2005
03	EE255	Electrical Engineering and Control Systems	100	50	056	APR 2006	08	CS444	Project Work	200	100	154	APR 2005
03	MA231	Mathematics - III	100	50	054	APR 2008	<p>***End of Statement***</p> <p>Classification : SECOND CLASS</p> <p>Total Marks(from 3rd to 8th semester): 2941 / 4500</p> <p>Percentage (rounded to nearest integer) : 65</p>						
03	CS235	System Software and DBMS Lab	100	50	091	NOV 2002							
03	CS236	Digital Lab	100	50	097	NOV 2002							
04	CS237	Object Oriented Programming	100	50	058	APR 2003							
04	CS238	Computer Architecture I	100	50	051	APR 2003							
04	CS239	Interactive Computer Graphics	100	50	055	APR 2003							
04	CS240	Artificial Intelligence	100	50	063	APR 2003							
04	EC250	Electronic Circuits	100	50	062	NOV 2003							
04	MA040	Probability and Queueing Theory	100	50	050	NOV 2007							
04	CS241	Object Oriented Programming Lab	100	50	087	APR 2003							
04	EC252	Electronics Lab	100	50	094	APR 2003							
05	CS331	Digital Signal Processing	100	50	050	APR 2007							
05	CS332	Theory of Computation	100	50	058	APR 2004							
05	CS333	Operating Systems	100	50	054	APR 2004							
05	CS334	Microprocessors	100	50	053	NOV 2003							
05	EC351	Analog, Digital and Data Communications	100	50	055	NOV 2003							
05	CS038	Neural Computing	100	50	054	NOV 2003							
05	CS335	Operating Systems Lab	100	50	082	NOV 2003							
05	CS336	Microprocessor Lab	100	50	094	NOV 2003							
06	CS337	Principles of Compiler Design	100	50	055	APR 2004							
06	CS338	Software Engineering	100	50	053	APR 2004							
06	CS339	Computer Networks	100	50	067	APR 2004							
06	CS340	Computer Architecture II	100	50	061	APR 2004							
06	MG325	Engineering Economics and Financial Accounting	100	50	051	APR 2004							
06	CS054	UNIX Internals	100	50	071	APR 2004							
06	CS341	Network Programming Lab	100	50	074	APR 2004							
06	CS342	Compilers Lab	100	50	088	APR 2004							
07	CE071	Principles of Environmental Science and Engineering	100	50	054	NOV 2004							
07	CS431	Network Protocols, Management and Security	100	50	055	NOV 2004							
07	CS432	Web Technology	100	50	062	NOV 2004							
07	CS433	Object Oriented Systems Analysis and Design	100	50	058	NOV 2004							
07	GE035	Professional Ethics	100	50	053	NOV 2004							
07	MG331	Principles of Management	100	50	065	APR 2005							
07	CS434	Internet Programming Lab	100	50	079	NOV 2004							

Medium of Instruction : ENGLISH

Chennai - 600 025

V. S. M.

Serial No.: 4405



KALASALINGAM UNIVERSITY

(Kalasalingam Academy of Research and Education)

(Under Section 3 of UGC Act 1956)

(Accredited by NAAC with B Grade with a CGPA of 2.81)

Anand Nagar, Krishnan Koil -626126.

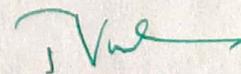
Srivilliputtur (Via), Virudhunagar (Dt), Tamil Nadu, India

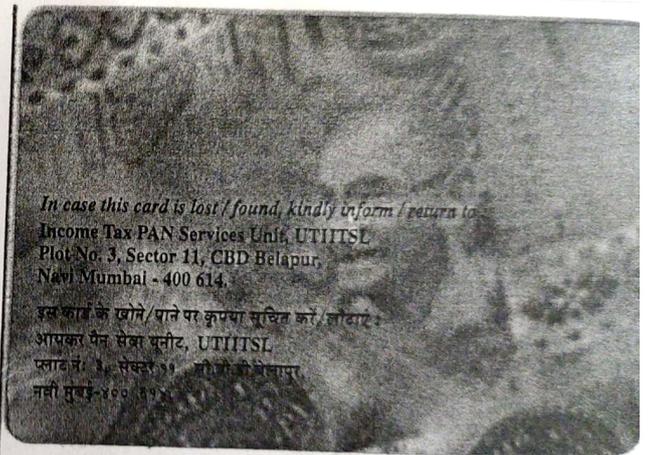
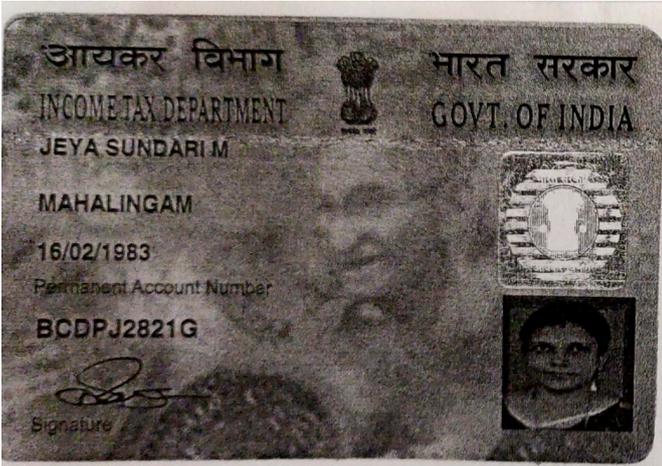
TRANSFER CERTIFICATE

- 1.Name of the pupil : JEYA SUNDARI M
- 2.Date of Birth : 16/2/1983
- 3.Nationality, Religion and Caste : Indian Hindu kuyavar
- 4.Date of joining to the university : 21/7/2010
- 5.Course details
 - a) Registration no. : 9910112008
 - b) Degree : M.Tech
 - c) Specialization : Network Engineering
 - d) Batch : 2010 - 2012
- 6.Whether qualified for promotion to a higher class : Yes(Refer the Grade Sheet)
- 7.Is there any break during the studies (if so specify the period) : No
- 8.Whether the pupil has paid all the fees to the University : Yes
- 9.Date on which application for TC was made : 17/5/2012
- 10.Date on which actually the pupil left the university : 13/4/2012
- 11.Medium of instruction : English

Date : 17/5/2012




REGISTRAR



J.S.



India Driving Licence(Tamilnadu)
Form 7

DOI 28/07/2015

D.L.No : TN84 20150004971

Name : JEYA SUNDARI M

S/D/W of : PANDIYARAJ M

Address

29A/2, 54, PERUMALPATTI
KOTTATHALAIVASAL
MEELPAKKA SOUTH ST, SRIVILLIPUTTUR 6261

Temp Add.

DOB : 16/02/1983

B.G.



Punishments