



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:08-07-2020

Department	COMPUTER APPLICATIONS	Application No.	20200212
Area of Research	MULTIPARTY AUTHENTICATION NETWORK	Research Mode	PART TIME

Name :R.SUNDARESH
Date of Birth / Age :06-08-1984 / 35 Years
Gender :MALE
Category :MBC
e-Mail ID :rsundarpgp@gmail.com
Mobile :9384471670



Father's/Husband's Name	M.RAMAKRISHNAN	Father's/Husband's Occupation	PRIVATE
Family Income	1,30,000	Residential Type	URBAN
Birth Place	KOVILPATTI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	440539464225	PAN No.	ARPPR6234B
Physically Challenged	NO	Type of Disability	-
Address for Communication: 79/60 D2 MGR NAGAR , NORTH PUDHUGRAMMAM KOVILPATTI THOOTHUKUDI DISTRICT TAMILNADU INDIA Pin-628501		Permenant Address: 79/60 D2 MGR NAGAR , NORTH PUDHUGRAMMAM KOVILPATTI THOOTHUKUDI DISTRICT TAMILNADU INDIA Pin-628501	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.SC	COMPUTER SCIENCE	GVN COLLEGE	2005	56	II	REGULAR
MCA	COMPUTER APPLICATION	VELS COLLEGE	2008	62	I	REGULAR
M.PHIL	COMPUTER SCIENCE	PGP COLLEGE OF ARTS & SCIENCE	2015	70	I	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
PGP COLLEGE OF ARTS & SCIENCE	LECTURER	2011-06-06	2017-03-31	UG & PG CLASSES HANDLED
K.R COLLEGE OF ARTS & SCIENCE	ASSISTANT PROFESSOR	2018-06-11	2020-07-08	UG CLASSES HANDLED

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
20200212_200708163005	SUR28976206887	08-07-2020	600	SUCCESS

Research Proposal

The main objective of this project is to provide services and randomize the intrusion tolerance in both LAN and WAN networks. Intrusion into a part of the system should give access only to non-significant information, intrusion-tolerant distributed systems, there is an essential problem: consensus Existing Protocols only Behavior-based (or anomaly detection) systems Knowledge-based (or misuse detection) systems. This paper describes the implementation of a stack of randomized intrusion-tolerant protocols and evaluates their performance under different fault loads. One of the main purposes is to show that randomization can be efficient and should be regarded as a valid solution for practical intrusion tolerant distributed systems.

The paper has two main contributions: (1) it presents the design and implementation of a stack of randomized intrusion tolerant protocols, discussing several optimizations – to the best of our knowledge, the implementation of a stack with the four structural properties above is novel; (2) it provides a detailed evaluation of RITAS in both LAN and WAN settings, showing that it has interesting latency and throughput values.

Randomization is only one of the techniques that can be used to circumvent the FLP impossibility result. Other techniques include failure detectors, partial synchrony and distributed wormholes. Some of these techniques have been employed in the past to build other intrusion-tolerant protocol suites.

Intrusion detection faces a number of challenges an intrusion detection system must reliably detect malicious activities in a network and must perform efficiently to cope with the large amount of network traffic. In this paper, we address these two issues of Accuracy and Efficiency using on merging and fault tolerance Approach. We demonstrate that high attack detection accuracy can be achieved by using comparator network and high efficiency by implementing the Approach. Experimental results on the intrusion data set show that our proposed system based on Layered Conditional Random Fields outperforms other well-known methods such as the decision trees and the naive Bayes. Statistical Tests also demonstrate higher confidence in detection accuracy for our method. Finally, we show that our system is robust and is able to handle noisy data without compromising performance.



FACULTY OF SCIENCE
அறிவியல் புலம்

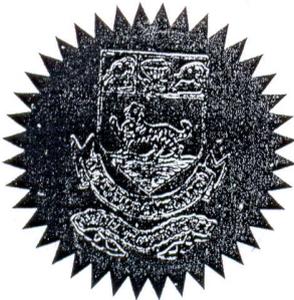
The Senate of the University of Madras hereby makes known that **SUNDARESH R** *has been admitted to the DEGREE OF MASTER OF COMPUTER APPLICATIONS*

he /she having been certified by duly appointed Examiners to be qualified to receive the same and was placed in the FIRST CLASS at the Examination held in APRIL 2008

சென்னைப் பல்கலைக்கழகப் பேரவை, 2008 ஆம் ஆண்டு ஏப்ரல் மாதம் நடந்த கணினிப் பயன்பாட்டியல்கள் தேர்வில் சந்தரேஷ் இரா என்பவர் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க

தேர்வாளர்கள் சான்றளித்தபடி, கணினிப் பயன்பாட்டியல் நிறைஞர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

Given under the seal of the University



Dated: 19-01-2009
நாள்:

Chepauk, Chennai 600 005, Tamilnadu, India.
சேப்பாக்கம், சென்னை - 600005, தமிழ்நாடு, இந்தியா

[Signature]
Registrar
பதிவாளர்

[Signature]
Vice-Chancellor
துணைவேந்தர்

- altered -
N. [Signature]

2K-7/ 039827

Deputy Chief Inspector of Factories
Thiruvottiyur





FACULTY OF SCIENCE
அறிவியல் புலம்

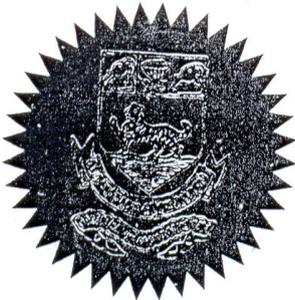
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[Signature]
Registrar
பதிவாளர்

[Signature]
Vice-Chancellor
துணைவேந்தர்

- altered -
N. [Signature]

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VEL'S COLLEGE OF SCIENCE

Accredited by NAAC

Permanently Affiliated to University of Madras

Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117.

4331

TRANSFER AND CONDUCT CERTIFICATE

S. No.

Admission No. 5483

Roll No. 2K50724

Name of the Student in full SUNDARESH: R.

Name of Father/Guardian Mr. M. Ramakrishnan

Nationality Indian

Religion Hindu

Community BC, Illathupillai Sex Male

Date of Birth as entered in the Admission Register: 06.08.1984

(Both in figures & in words) Sixth August Nineteen Eighty Four

Admitted on 06.07.2005 into I.M.C.A. Class

Subjects studied { Part-I - Part II -
Part-III As per syllabus

Medium of Study: English

Whether qualified for promotion to a higher class Refer Mark Statement

Date on which the student actually left the college 16.04.2008

Whether the student has paid all dues to the college Yes

Date of application for Transfer Certificate 18.04.2008

Conduct & Character Good

Date: 3/6/2008



[Signature]

PRINCIPAL

- TRUE COPY -

[Signature]
Deputy Chief Inspector of Factories
Thiruvottiur



K.R. COLLEGE OF ARTS & SCIENCE

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

K.R.Nagar, Kovilpatti - 628 503. Thoothukudi Dist., Tamilnadu.

e-mail : principal@krcollege.net, Web Site: www.krcollege.net

Dr. S. MATHIVANNAN, M.Com.,B.L.,M.Phil.,Ph.D.,
Principal

Phone : (04632) 222981

Ref.No. KRCAS/EST/2020-2021/

Dated: 08.07.2020

CERTIFICATE

This is to certify that Mr.R.Sundaresh, is working as Assistant Professor in Department of Computer Science of our college from 11.06.2018 to till date.

This certificate is issued in order to enable him to apply for the Ph.D Entrance Examination in Kalasalingam Academy of Research and Education, Krishnankovil.



PRINCIPAL

1hrca
[Signature]

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

R SUNDARESH
RAMAKRISHNAN MARIAPPAN

06/08/1984

Permanent Account Number

ARPPR6234B


Signature



In case this card is lost / found, kindly inform / return to :

**Income Tax PAN Services Unit, UTITSL
Plot No. 3, Sector 11, CBD Belapur,
Navi Mumbai - 400 614.**

इस कार्ड के खोने/पाने पर कृपया सूचित करें/लौटाएं :

आयकर पैन सेवा यूनिट, यू टी आई टी एस एल,
प्लॉट नं: ३, सेक्टर ११, सी.बी.डी.बेलापूर,
नवी मुंबई-४०० ६१४.



இந்திய தேர்தல் ஆணையம்
வாக்காளர் அடையாள அட்டை
ELECTION COMMISSION OF INDIA
IDENTITY CARD

RMM0719658



வாக்காளர் பெயர் : சுந்தரேஷ்

Elector's Name : sundaresh

தந்தை பெயர் : ராமகிருஷ்ணன்

Father's Name : Ramakrishnan

பாலினம் / Sex : ஆண் / Male

பிறந்த தேதி / Date of Birth: 06/08/1984

Cn. 528/96

GCP-26-4 - 4,00,000 Cps.-25-5-95

BC

சான்றிதழ் எண் :
Certificate No
958752



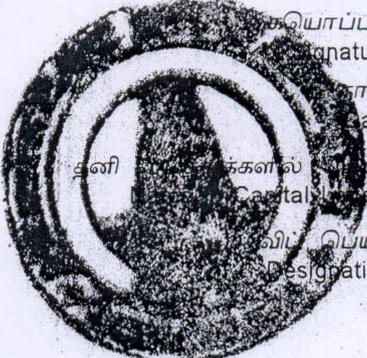
மாவட்டக் குறியீடு எண் : District Code	19
வட்டக் குறியீடு எண் : Taluk Code	05
கிராமக் குறியீடு எண் : Village Code	041

சாதிச் சான்றிதழ் COMMUNITY CERTIFICATE

மாவுட்டம் வட்டம்
கிராமம்/நகரம், திரு. / திருமதி / செல்வி /
செல்வன் / செல்வன் தகப்பனார் /
கணவர் / பெயர்
வகுப்பைச் சார்ந்தவர் அரசு அணை எண். 1564 சமூக நலத்துறை நாள
30-7-1985 வாசை எண் படி, பிற்பட்ட பிரிவினைச் சார்ந்தவர்
எனச் சான்றளிக்கப்படுகிறது.
This is to certify that **R. SUNDARESH** Son / Daughter
of Thiru. **M. Rama Krishna** of **Thuppaiyaram**
Village / Town **Kovilpatti** Taluk
Chidambaram District of the State of Tamil Nadu belongs to
the **Backward Classes** as per Government Order (Manuscript series) No. 1564
Social Welfare Department dated 30th July 1985 vide Serial No. **50**

2. திரு. / திருமதி / செல்வன் / செல்வி
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில்
மாவுட்டத்தில் வட்டத்தில்
கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.
2. It is certified that Thiru/Mrs/Selvan/Selvi **R. Sundaresh** and
his/her family ordinarily resides at **Thuppaiyaram** Village/Town
Kovilpatti Taluk **Chidambaram** District of Tamil Nadu.

முத்திரை.
Seal.



.....
[A. ROGINI]
Deputy Tahsildar
No. 1 Kovilpatti



N. [Signature]
Deputy Chief Inspector of Factories
Thiruvottiyur

- TRUE COPY -

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr. R.SUNDARESH is employed as (Designation) ASSISTANT PROFESSOR in the (Department/Division Name) DEPARTMENT OF COMPUTER SCIENCE of (Institution/Industry Name) K.R.COLLEGE OF ARTS & SCIENCE, K.R.NAGAR, KOVILPATTI.

We have no objection in forwarding his/her application for the Ph. D Research Programme

FOR PART TIME:

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date: 08.07.2020

Signature of the Head of organization with office seal

INVC?
PRINCIPAL
K.R. College of Arts & Science
K.R. Nagar, Kovilpatti - 628 503.
Theothukudi - District



[Signature]