



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:29-12-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202020216
Area of Research	COMPUTER NETWORKS	Research Mode	PART TIME

Name :GOWRI SANKAR.U

Date of Birth / Age :03-06-1986 / 34 Years

Gender :MALE

Category :BC

e-Mail ID :gowriker@rediffmail.com

Mobile :09626747530



Father's/Husband's Name	B.ULAGANATHAN	Father's/Husband's Occupation	TEXTILE
Family Income	100000	Residential Type	RURAL
Birth Place	ERODE	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	288424080424	PAN No.	BNAPG6980K
Physically Challenged	NO	Type of Disability	-
Address for Communication: 14,NORTH STREET AVALPOONDURAI ERODE ERODE DISTRICT ERODE INDIA Pin-638115		Permenant Address: 14,NORTH STREET AVALPOONDURAI ERODE ERODE DISTRICT ERODE INDIA Pin-638115	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.E	COMPUTER SCIENCE AND ENGINEERING	ANNA UNIVERSITY	2010	74	FIRST	REGULAR
M.E	COMPUTER AND COMMUNICATION	ANNA UNIVERSITY	2013	79	FIRST	REGULAR

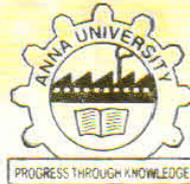
Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
GANDHI POLYTECHNIC COLLEGE	LECTURER	2010-06-23	2011-05-22	LECTURING	
V.S.B ENGINEERING COLLEGE	ASSISTANT PROFESSOR	2013-07-03	2020-03-23	LECTURING	
ERODE SENGUNTHAR ENGINEERING COLLEGE	ASSISTANT PROFESSOR	2020-05-18	2020-12-29	LECTURING	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020216_201230100021	VUR29608020821	30-12-2020	600	SUCCESS

Big data analytics for wireless and wired network design

Currently, the world is witnessing a mounting avalanche of data due to the increasing number of mobile network subscribers, Internet websites, and online services. This trend is continuing to develop in a quick and diverse manner in the form of big data. Big data analytics can process large amounts of raw data and extract useful, smaller-sized information, which can be used by different parties to make reliable decisions. In this paper, we conduct a survey on the role that big data analytics can play in the design of data communication networks. Integrating the latest advances that employ big data analytics with the networks' control/traffic layers might be the best way to build robust data communication networks with refined performance and intelligent features. First, the survey starts with the introduction of the big data basic concepts, framework, and characteristics. Second, we illustrate the main network design cycle employing big data analytics. This cycle represents the umbrella concept that unifies the surveyed topics. Third, there is a detailed review of the current academic and industrial efforts toward network design using big data analytics. Fourth, we identify the challenges confronting the utilization of big data analytics in network design.

Anna University



Reg.No. 611311412004/RG

The Syndicate of the Anna University hereby makes known that
GOWRISANKAR U *has been admitted to the* **DEGREE OF MASTER OF ENGINEERING** *in* **COMPUTER AND COMMUNICATION** *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 2013.**

Given under the Seal of the University



Chennai 600 025
India

November 2013
IPSC/IE/41/04/11

Controller of Examinations

Registrar

Vice-Chancellor

ANNA UNIVERSITY

ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



G095121116525U Folio No. AUCD311458

REGISTER NO. 611311412004

NAME OF THE CANDIDATE: GOWRISANKAR U
GENDER: MALE
MONTH & YEAR OF LAST APPEARANCE: JUN 2013
REGULATIONS: 2009

NAME OF THE COLLEGE: MAHENDRA ENGINEERING COLLEGE

PROGRAMME & SPECIALIZATION: M.E. Computer and Communication

COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
AP9211	Advanced Digital Signal Processing	3	C	7	JAN 2012
CP9211	Modern Digital Communication Techniques	3	C	7	JAN 2012
CP9212	High Performance Computer Networks	3	C	7	JAN 2012
CP9213	System Programming and Operating System	3	D	6	JAN 2012
MA9216	Applied Mathematics for Communication Engineers	4	C	7	JAN 2012
CP9260	Operating System Design	3	D	6	JAN 2012
CP9217	Computer and Communication Laboratory I	3	A	9	JAN 2012
CP9217	Computer Architecture and Parallel Processing	2	C	7	JUN 2012
AP9222	Optical Fiber Communication and Networking	3	C	7	JUN 2012
CP9221	Wireless Networks	3	C	7	JUN 2012
CP9222	Internet and Java Programming	3	B	8	JUN 2012
CP9223	Wireless Mobile Communication	3	C	7	JUN 2012
CU9221	Communication Network Security	2	S	10	JUN 2012
CU9257	Computer and Communication Laboratory II	3	C	7	NOV 2012
CP9227	High Speed Switching Architecture	3	D	6	NOV 2012
CP9253	Distributed Computing	3	C	7	NOV 2012
CP9264	Adhoc Networks	6	S	10	NOV 2012
CS9263	Project Work (Phase I)	12	S	10	JUN 2013
P9234	Project Work (Phase II)				
P9241					

*** End of Statement ***
Cumulative Grade Point Average : 7.90
Classification : FIRST CLASS



ENGLISH

[Signature]
SIGNATURE OF THE STUDENT



[Signature]
CONTROLLER OF EXAMINATIONS



MAHENDRA ENGINEERING COLLEGE

Mahendhirapuri, Mallasamudram (west), Vadugapalayam (P.O.)
Tiruchengode Tk, Namakkal Dt, Pincode - 637 503, Tamilnadu.
Phone No. : 04288 - 238666, 238777, 238888 Website : www.mahendra.info



TRANSFER CERTIFICATE

S.No. : 839/13 Admission No. : 110768

1. Name of the Student : GOWRISANKAR U
2. Name of the Parent / Guardian : ULAGANATHAN B
3. Nationality / Religion : INDIAN , HINDU
4. Caste / Community : KAIKOLAR , BC
5. Sex : Male
6. Date of Birth as entered in the Admission Register (in figures & words) : 03/06/1986
Third June
Nineteenhundred and Eightysix
7. Date of Admission : 30/08/2011
8. Class in which student was studying at the time of leaving : FINAL YEAR M.E. COMPUTER & COMMUNICATION
9. Whether Qualified for Promotion to Higher Class : REFER THE STATEMENT OF MARKS
10. Date on which the student actually left the college : 15/07/2013
1. Date of application for Transfer Certificate : 16/07/2013
2. Date of Transfer Certificate : 16/07/2013



PRINCIPAL
[Signature]
16/07/13
PRINCIPAL
MAHENDRA ENGINEERING COLLEGE
MAHENDHIRAPURI, MALLASAMUDRAM (WEST), VADUGAPALAYAM (P.O.)
TIRUCHENGODE, NAMAKKAL DISTRICT, TAMILNADU - 637 503

Measure and unauthenticated or fraudulent alteration in the certificate will lead to its cancellation



V.S.B. Engineering College

(Recognition of College under Section 2 (f) & 12 (B) of the UGC Act, 1956)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

NAAC Accredited & ISO 9001 : 2015 Certified Institution

Karudayampalayam Post, KARUR - 639 111. Tamilnadu.



ISO 9001:2015
www.tuv.com
ID: 2109279002



VSBECAADMIN/SC/2020-21

Date : 13.10.2020

SERVICE CERTIFICATE

This is to certify that **Mr.U.Gowrisankar** worked as an **Assistant Professor** in the Department of **Computer Science and Engineering** of our institution from **03.07.2013** to **23.03.2020**. He was relieved from the duty on his own request.

His conduct and character were **Good** during the service period with us.

We wish success in all his future endeavors.


13/10/2020
PRINCIPAL



Dr. V. NIRMAL KANNAN, M.E., Ph.D.,
PRINCIPAL
V.S.B. ENGINEERING COLLEGE
N.J. ST., COVAI ROAD
KARUDAYAMPALAYAM (Po),
KARUR - 639 111.

आयकर विभाग

भारत सरकार

INCOME TAX DEPARTMENT



GOVT. OF INDIA

GOWRISANKAR

ULAGANATHAN

03/08/1986

Permanent Account Number

BNAPG6980K

Signature





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

LR3576330



வாக்காளர் பெயர் : கௌரிசங்கர்

Elector's Name : Gowrishankar

தகப்பனார் பெயர் : உலகநாதன்

Father's Name : Ulaganathan

பாலினம்/ **Sex** : ஆண் / Male

1.1.2006 அன்று வயது

Age as on 1.1.2006

20

R Dis /200 dt.

BC



மாவட்ட குறியீடு எண்
District Code
மாவட்ட குறியீடு எண்
Taluk Code
கிராம குறியீடு எண்
Village Code

0	7
0	1
0	5
3	

சான்றிதழ் எண்
Certificate No.

4054530

S. No: 4386/2000 சாதிச் சான்றிதழ்
COMMUNITY CERTIFICATE

பெயர்: சிவசுந்தரி சாந்தவா
மாவட்டம்: சிவசுந்தரி
கிராமம்: சிவசுந்தரி
பெயர்: சிவசுந்தரி சாந்தவா
மாவட்டம்: சிவசுந்தரி
கிராமம்: சிவசுந்தரி

வருபவரின் சாந்தவா. அரசு மூலம் இவரின் பெயர் பட்டியல்
மேலும் பட்டியல் பதிவு செய்து நலத் துறை தரவேண்டிய வர்களை
பிரிவுப் பரிசீலனைச் சாந்தவா எனச் சான்றிக்கப்படுகிறது
This is to certify that Son / Daughter
of Thiru
Village / Town
Taluk

District of the State of Tamil Nadu belongs to
Community, which is recognised as a
Backward Class as per Government Order (Manuscript series) No. 28, Backward
Classes and Most Backward Classes Welfare, dated 19th July 1994
vide Serial No.

பெயர்: சிவசுந்தரி சாந்தவா / செல்வன் / செல்வி
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில்
மாவட்டத்தில் சிவசுந்தரி வட்டத்தில் சிவசுந்தரி, சிவசுந்தரி
கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றிக்கப்படுகிறது

2. It is certified that Thiru/Tmt/Selvan/Selvi
his/her family ordinarily reside(s) at
Village/T
Taluk District of Tamil Na

முத்திரை
Seal



கையொப்பம் :
Signature

நாள் :
Date

(தலை எழுத்துக்களில்)
Name in Capital Letters

பதவி :
Designation

Zonal Deputy T
ERODI

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. GOURISANKAR. U is
employed as Assistant Professor (Designation) in the
Computer science and engineering (Department/Division Name)
of ERODE SENGUNTHAR ENGINEERING COLLEGE
(Institution/Industry Name).

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

FOR FULL TIME:

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from _____ to _____ to undertake the full time research work in the University.

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

29/12/2020

Signature of the Head of Organization with office seal

Dr.V.VENKATACHALAM, M.S., M.Tech., Ph.D.

PRINCIPAL

Erode Sengunthar,
Engineering College,

Thudupathi, Erode 638 067