



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:16-12-2020

Department	MATHEMATICS	Application No.	202020113
Area of Research	GRAPH THEORY	Research Mode	PART TIME

Name :P.VIJAYALAKSHMI
Date of Birth / Age :29-03-1977 / 43 Years
Gender :FEMALE
Category :MBC
e-Mail ID :ponniah.vijayalakshmi@gmail.com
Mobile :9605617289



Vijayalakshmi

Father's/Husband's Name	HARIKUMAR.R	Father's/Husband's Occupation	TAX CONSULTANT
Family Income	300000	Residential Type	RURAL
Birth Place	THIRUNELVELI	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	8586 7817 7474	PAN No.	AJJPV6853A
Physically Challenged	NO	Type of Disability	-
Address for Communication: AVIYOTTU HOUSE MATHILBHAGOM THIRUVALLA PATHANAMTHITTA DISTRICT KERALA INDIA Pin-689101		Permenant Address: AVIYOTTU HOUSE MATHILBHAGOM THIRUVALLA PATHANAMTHITTA DISTRICT KERALA INDIA Pin-689101	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.SC	MATHEMATICS	MANONMANIAM SUNDARANAR UNIVERSITY	1998	1002/1900	SECOND	REGULAR
M.SC	MATHEMATICS	MANOMANIAM SUNDERANAR UNIVERSITY	2000	964/1600	FIRST	REGULAR
M.PHIL	MATHEMATICS	MADURAI KAMARAJ UNIVERSITY	2009	252/500	SECOND	DISTANCE

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
DB PAMPA COLLEGE	GUEST LECTURER	2014-09-29	2015-03-31	TEACHING	
ASSUMPTION COLLEGE	GUEST LECTURER	2015-06-01	2018-03-31	TEACHING	
DB PAMPA COLLEGE	GUEST LECTURER	2018-08-06	2019-03-29	TEACHING	
DB PAMPA COLLEGE	GUEST LECTURER	2019-06-06	2020-03-31	TEACHING	

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
202020113_201217122201	VCNB9567205596	17-12-2020	600	SUCCESS

ABSTRACT

In mathematics, graph theory is the study of graphs which are mathematical structures used to model pairwise relations between objects. A graph consists of vertices and edges. A distinction is made between undirected graphs where edges link two vertices symmetrically, and directed graphs, where edges link two vertices asymmetrically.

In general a graph is represented by $G = (V, E)$ V the set of all vertices and E the set of edges. In any graph V is non empty. E is may empty. V is called nodes or points.

E is also called links or lines. Any edge is connected to itself or the beginning and ending vertices are same then the edge is called loop.

The number of edges incidence of a particular vertex is called degree of that particular vertex.

A simple graph is called regular if each vertex having degree same.

Office-Chancellor

திணைவேந்தர்

31.03.99

India

Thirunelveli

திருநெல்வேலி

Registrar

பதிவுரை

P. O. Wilson

[Handwritten signature]



Given under the seal of the University

பலகலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

திங்களும் ஆண்டு : ஏப்ரல் 1998

Month & Year : April 1998

பலம் : கணிதவியல்

Faculty : Mathematics

வகுப்பு : இரண்டாம் வகுப்பு

Class : Second Class

பட்டம் : அறிவியல் இளையா

Degree : Bachelor of Science

பதிவு எண் : 246782

Register No : 246782

பெயர் : பொ. விஜயலக்ஷ்மி

Name : P. Vijayalakshmi

The Signicate of the MANONMANIAM SUNDARANAR UNIVERSITY hereby makes known that the under mentioned candidate has been admitted to the degree, he/she having been certified by duly appointed examiners to be qualified to receive the same.

இப்பட்ட ஏட்டின் வழி அறிவிக்கின்றது.

மனோமணியம் சுந்தரனார் பலகலைக்கழக ஆட்சிக்குழு சிறப்பிட்டுள்ள மாணாக்கர், பட்டப் பெற்றிருக்க உரியவரான முறையாக அமைக்கப் பெற்ற தேவனார் சான்றளித்தபடி அடியில்

Manonmaniam Sundaranar University

MANONMANIAM SUNDARANAR UNIVERSITY



B.Sc. Degree Examination (Semester System)

STATEMENT OF MARKS

SL. NO. **BB** 0068982

NAME OF THE CANDIDATE				REG. NO.		BR.	DATE OF PUBLICATION				
VIJAYALAKSHMI P				246782		S	30/07/98				
COLLEGE OF STUDY						COLL. NO.	GEN. NO.	EXAM M. & YR.			
SARADA COLLEGE FOR WOMEN						424	424	APR/98			
SUB. CODE	MARKS	R.	M./YR.	SUB. CODE	MARKS	R.	M./YR.	SUB. CODE	MARKS	R.	M./YR.
PART I - LANGUAGE				PART II - ENGLISH				PART III - MAJOR			
1M1	39	P	N95	3B1	50	P	N95	A1Y	57	P	N95
1M2	45	P	A96	3B2	51	P	A96	A1Z	56	P	N95
1M3	52	P	N96	3B3	58	P	N96	A2X	60	P	A96
1M4	45	P	A97	3B4	57	P	A97	A2Y	35	P	A96
								A2Z	48	P	A96
PART III - ANCILLARY I				PART III - ANCILLARY II							
9C1	18	P	N96	9C2	25	P	A97	A3Z	41	P	N96
9C3	18	P	N97	9C4	24	P	A98	A4Z	38	P	A97
9CQ	39	P	A97	9CR	47	P	A98	A5C	59	P	N97
9D1	25	P	N96	9D2	20	P	A97	A5Y	51	P	N97
9D3	30	P	N97	9D4	24	P	A98	A5Z	42	P	N97
9DQ	40	P	A97	9DR	29	P	A98	A6B	53	P	A98
								A6Y	64	P	A98
								A6Z	59	P	A98
Part IV General Awareness (FC2) & Social Value Education (FC4) FC 2 55 P A96 FC 4 VC4 40 P A97 Indian Economy Part V Co-curricular Activities GOOD											
PART I - LANGUAGE				PART II - ENGLISH				PART III			
TOTAL MARKS		CLASS		TOTAL MARKS		CLASS		TOTAL MARKS		CLASS	
181/400		THIRD		216/400		SECOND		1002/1900		SECOND	

P. Vijayalakshmi
Signature of the Candidate

Part IV PASS	Part V GOOD
------------------------	-----------------------

CLASSIFICATION
 60% and above - First Class
 50% and above but less than 60% - Second Class
 35% and above but less than 50% - Third Class

Dr. P. ALPHONSE RAJENDRAN

Controller of Examinations

Government of Tamilnadu தமிழ்நாடு அரசு
Department of Collegiate Education கல்லூரிக் கல்வித்துறை
மாற்றுச் சான்றிதழ் **TRANSFER CERTIFICATE**

வரிசை எண் :

Serial No. **2187**

சேர்க்கை எண் : **10766.**
Admission No.

1. (அ) கல்லூரியின்பெயர் : **A.P.C. MAHALAXMI COLLEGE FOR WOMEN**
Name of the College : **TUTICORIN - 2**
(ஆ) மாவட்டத்தின் பெயர் :
Name of the District : **TUTICORIN DISTRICT**
- 2) மாணவர் பெயர் : (தனித்தனி எழுத்துக்களில்)
Name of the Pupil : (in Block Letters)
(as entered in +2 or equivalent certificate) : **P. VIJAYALAKSHMI.**
- 3) தந்தை அல்லது தாயாரின் பெயர் :
Name of the Father or Mother : **Dr. Ponniah**
- 4) தேசிய இனம், சமயம் மற்றும் சாதி :
Nationality, Religion, and Caste : **Indian/Hindu/Christian Malabar**
- 5) இனம் : (Community)
அவன் / அவள் பின்வரும் ஐந்து பிரிவுகளில்
எவையேனும் ஒன்றைச் சார்ந்தவரா?
Whether he /she belongs to :
(அ) ஆதிதிராவிடர் அல்லது பழங்குடி :
Adi Dravidar (Schedule Caste or
Scheduled Tripe :
(ஆ) பின்தங்கிய வகுப்பு :
Backward Class :
(இ) மிகவும் பின்தங்கிய வகுப்பு :
Most Backward Class :
(ஈ) அகிகிராவிடர் இனத்திலிருந்து கிறித்துவ
Converted to Christianity from
Schedule Caste or :
(உ) அட்டவணையிலிருந்து நீக்கப்பட்ட இனம் : **Yes**
Denotified Tribes :
மாணவர்/ மாணவியர் மேற்குறிப்பிட்ட ஐந்து பிரிவுகளில் ஏதாவது ஒன்றைச் சார்ந்தவராக இருந்தால்
அந்த பிரிவுக்கு எதிரே 'ஆம்' என்று எழுத வேண்டும்.)
(If the Student belong to any one of the five catagories mentioned above. Write 'Yes' against the
relevant column
- 6) பாலினம் : Sex **Female**
- 7) பிறந்த தேதி (எண்ணிலும் எழுத்திலும்)
(மாணவர் சேர்க்கைப் பதிவேட்டில் உள்ளபடி) **29.3.1977. Twenty ninth**
Date of Birth as entered in the admission
Register in figures and words : **March nineteen Seventy Seven.**
- 8) உடலில் அமைந்த அடையாளக்குறிகள்
Personal marks of identification :
a) (அ) **தலது 2 ம்மாங்கையல் டவுண்டான் லேசம்.**
b) (ஆ)
- 9) கல்லூரியில் சேர்க்கப்பட்ட தேதி மற்றும்
சேர்க்கப்பட்ட வகுப்பு
(வருடத்திற்கு எழுத்தால் எழுதவும்)
Date of admission and class in which
admitted (the year to be entered in words) : **7.8.98**
- 10) அ) மாணவர் கல்லூரியை விட்டு நீங்கும்
காலத்தில் பயின்று வந்த வகுப்பு (எழுத்தால்
எழுதவும்)
a) Class in which the pupil was studying at
the time of leaving (in word) : **M.Sc.**

Phone/fax :0479-2312357
Office :0479-2312247
Principal :0479-2312357

Devaswom Board Pampa College
(Affiliated to M G University)
PARUMALA-MANNAR, KERALA STATE, PIN 689626

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL)

06.08.2016

EXPERIENCE CERTIFICATE

This is to certify that Smt. P Vijayalakshmi, Kuruppanparambil House, Chathamala P.O, Thiruvalla (District) Kerala has been working as Guest Lecturer in the Department of Mathematics of this college from 29.09.2014 to 31.03.2015. Also certify that her character and conduct are... *good*



PRINCIPAL.

[Handwritten Signature]
Drawing & Disbursing Officer
D.B. Pampa College
Parumala



ASSUMPTION COLLEGE

Autonomous Reaccredited by NAAC with 'A' Grade

Changanassery P.O, Kottayam Dt, Kerala, South India - 686 101

09/05/2018

EXPERIENCE CERTIFICATE

This is to certify that Mrs. P. Vijayalakshmi has been working as Assistant Professor (on contract) in the Department of Business Studies from 1st June 2015 to 31st March 2018. Her Character and Conduct are good to the best of my knowledge.

The Management wishes her the very best in all her future endeavors.



PRINCIPAL



ASSUMPTION COLLEGE

Autonomous Reaccredited by NAAC with 'A' Grade

Changanassery P.O, Kottayam Dt, Kerala, South India - 686 101

09/05/2018

EXPERIENCE CERTIFICATE

This is to certify that Mrs. P. Vijayalakshmi has been working as Assistant Professor (on contract) in the Department of Business Studies from 1st June 2015 to 31st March 2018. Her Character and Conduct are good to the best of my knowledge.

The Management wishes her the very best in all her future endeavors.



PRINCIPAL



Devaswom Board Pampa College

PARUMALA-MANNAR, KERALA STATE, PIN :689 626
(AFFILIATED TO M.G UNIVERSITY, KOTTAYAM) PHONE : 0479, 2312247, 2312357

E-mail : principaldbpampacollege@gmail.com

Website : www.dbpampacollege.org

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL)

No: A5 / 171 /2019

Date: 29 /03/2019

EXPERIENCE CERTIFICATE

This is to Certify that Smt.Vijayalekshmi.P,Aviyottu House, Paliyakkara P.O, Thiruvalla has been working as Guest Lecturer in the Department of Mathematics of this college from 6/8/2018 to 29/3/2019.

Also Certify that her Character and Conduct are *Good*.....




Principal



DEVASWOM BOARD PAMPA COLLEGE

(NAAC Accredited 'B' Grade)

Parumala P. O., Pathanamthitta

Kerala State, Pin : 689 626

Ph : 0479-2312247, 2312357

E-mail : principaldbpampacollege@gmail.com

Website : www.dbpampa.org

AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM



11th June 2020

Ref.No.B4/100/2020

EXPERIENCE CERTIFICATE

This is to Certify that *Smt. P.Vijayalakshmi, Aiyottu House, Paliakkara.P.O, Thiruvalla* was a Guest Lecturer in the *Department of Mathematics* of this College for the period from *06.06.2019 to 20.03.2020*.

Also certify that her character and conduct are good


Principal



आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card
AJJPV6853A



नाम / Name

P VIJAYALAKSHMI

पिता का नाम / Father's Name
THALAVAITHEVAR

जन्म की तारीख / Date of Birth
29/03/1977


हस्ताक्षर / Signature

36904



India Driving Licence(Tamilnadu)

Form 7

DOI 12/05/2011

D.L.No : TN72 20110004581
Name : VIJAYA LAKSHMI P
S/D/W of : HARIKUMAR R
Address :
H 62, THIRUNAGAR
PERUMALPURAM POST
TIRUNELVELI 627007
Temp. Add:
MANO DRIVING SCHOOL
D.O.B. : 29/03/1977 B.G. :



Punishments

*CERTIFICATE No.

4330638



DISTRICT CODE 19

TALUK CODE 01

VILLAGE CODE 024

COMMUNITY CERTIFICATE

This is to certify that P. VISAYA LAKSHMI
 son/daughter of Thiru P. PANDIAN
 of Mela Vihar village/town M. Colan taluk
Chidambaram district of the State of Tamil Nadu
 belongs to TRIPUNDRIYAN community, which
 is recognised as a ~~Most Backward Class/Denotified Community/~~
~~Backward Class/Scheduled Caste/Scheduled Tribe~~ as per
 G.O. Ms. No. 2425 Dated 28.3.89 /The
 Scheduled Caste and Scheduled Tribe Orders (Amendment) Act,
 1976, vide Sl. No. 36

2. It is certified that P. VISAYA LAKSHMI and
 his/her family ordinarily reside(s) at M. Colan
 village/town M. Colan taluk Chidambaram
 district of the State of Tamil Nadu.



Signature: [Handwritten Signature]

Date: 12.04.1993 12453

Seal: Name in capital letters:

Designation:

* This Certificate Number is to be filled in the Application Forms.

12/4/93

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
Manonmaniam Sundaranar University

அறிவியல் புலம்
FACULTY OF SCIENCE

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

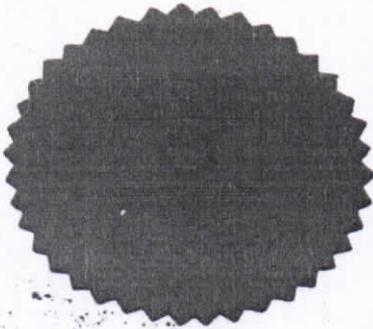
விஜயலக்ஷ்மி, பெர. —

அறிவியல் நிறைஞர் பட்டம் பெறுதற்குத் தகுதியுடையவா என
முறையாக அமைக்கப்பெற்ற தேர்வினோர் நவம்பர் 19, 2000 இல்
கணிதவியல் பிரிவில் நடைபெற்ற
தேர்வுகளில் சான்றளிக்கவாறு, முதல் வகுப்பு பெற்று
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that Vijayalakshmi, P. —
has been admitted to the Degree of Master of Science, he/she having been
certified by duly appointed Examiners to be qualified to receive the same,
and having been by them placed in the First
Class in Branch Mathematics
at the Examination held in November 19, 2000.

Given under the seal of the University.



திருநெல்வேலி, Tirunelveli.

நாள், Dated 13 MAR 2002

சதிவாளர்.
Registrar.

K. Chockalingam

துணை வேந்தர்.
Vice-Chancellor.



MANONMANIAM SUNDARANAR UNIVERSITY

M.Sc. Degree Semester Examination

MATHEMATICS

STATEMENT OF MARKS

Sl. No. **027396**

NAME OF THE CANDIDATE				REGISTER NO		DATE OF PUBLICATION	
VIJAYALAKSHMI P				9862628		09.02.01	
COLLEGE OF STUDY				COLL. NO.	CEN. NO.	EXAM. M & YEAR	
A.P.C.MAHALAKSHMI COLLEGE				422	422	NOV-2000	
TUTICORIN							
SUB	MARKS OBTAINED	R	M/YR	SUB	MARKS OBTAINED	R	M/YR
P11M	52	P	N 98	P12M	70	P	N 99
P13M	50	P	N 98	R1AM	42	F	N 98
P21M	50	P	A 00	P22M	50	F	A 00
P23M	58	F	N 99	R2BM	44	F	A 99
R1AM1	23	P	A 99	R2BM2	22	F	A 99
P31M	75	F	N 99	P32M	58	F	N 99
P33M	62	P	N 00	P34M	67	F	N 99
P41M	64	F	A 00	P42M	50	F	N 00
PEAM	62	F	A 00	PEEM	65	F	A 00
TOTAL MARKS 964/1600				CLASS FIRST			
TIRUNELVELI				Signature of the Candidate			
				Dr. Brinda Ramachandran			
				Controller of Examinations			

Any alteration or overwriting makes this Statement of marks invalid.

Other Abbreviations : R-Result; P-Pass; F-Fail; AAA-Absent; SUB-Subjects;

M-Month; (A-April; N-November) YR-Year; Max-Maximum; Min-Minimum



அறிவியற் புலம்

FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

விஜயலட்சுமி. பொ.

கணிதவியல் பிரிவில் மெய்ப்பொருளியல் நிறைஞர் பட்டம்

பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் நவம்பர் 2007 இல் நடைபெற்ற

தேர்வுகளில் சான்றளித்தவாறு, இரண்டாம் வகுப்பு

பெற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that VIJAYALAKSHMI P has been admitted to the

DEGREE OF MASTER OF PHILOSOPHY IN MATHEMATICS

he/she having been certified by duly appointed Examiners to be qualified to receive the same, and having been placed by

them in the SECOND CLASS at the Examination held in NOVEMBER 2007

Register No. : A2A6112004

Centre Code : 458

ISSUED ON

10 AUG 2009

Given under the seal of the University



பல்கலைநகர், மதுரை - 625 021
Palkalainagar, Madurai - 625 021
நாள் Dated 12 November 2008

தேர்வாளர்
Controller of Examinations

பதிவாளர்
Registrar

துணைவேந்தர்
Vice-Chancellor



MADURAI KAMARAJ UNIVERSITY

M Phil MATHEMATICS (NON-SEMESTER)

STATEMENT OF MARKS

SSU 1 514252

NAME OF THE CANDIDATE VIJAYALAKSHMI P	REGISTER NO. A2A6112004	DATE OF PUBLICATION 30-MAY-2008
COLLEGE OF STUDY DIRECTORATE OF DISTANCE EDUCATION	CENTRE NO. 458	EXAM M & YR NOV 2007

SUB CODE	SUBJECT DESCRIPTION	MAX MARKS			MARKS OBTAINED				
		I	E	T	I	E	T	R	M & YR
M11	LP SPACE AND BANACH ALGEBRA	--	100	100	--	050	050	P	A02
M12	MODULES AND GALOIS THEORY	--	100	100	--	050	050	P	A07
M21	FOURIER TRANSFORMS	--	100	100	--	050	050	P	N06
M22	SPECTRAL THEORY	--	100	100	--	050	050	P	N05
M23	COMMUTATIVE RINGS	--	100	100	--	052	052	P	N07
	<<< END OF STATEMENT >>>								
CLASS	SECOND	TOTAL MARKS			0252/500				

Signature of the Candidate

Any alteration or overwriting makes this Statement of Marks Invalid.

PASSING MINIMUM IS 50% ** NO INTERNAL

DR S SHANMUGIAH

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

Controller of Examinations