



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:12-11-2020

Department	COMPUTER APPLICATIONS	Application No.	202020001
Area of Research	BLOCK CHAIN	Research Mode	PART TIME

Name :G.MANONMANI

Date of Birth / Age :12-06-1978 / 42 Years

Gender :FEMALE

Category :MBC

e-Mail ID :kumsmano78@gmail.com

Mobile :9840523422



Father's/Husband's Name	T.KUMARESAN	Father's/Husband's Occupation	BUSINESS
Family Income	1,50,000	Residential Type	RURAL
Birth Place	GUDALUR	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	585125987144	PAN No.	EVRPM1171C
Physically Challenged	NO	Type of Disability	-
Address for Communication: W/4,D-NO/81 K.K.SAMY KOVIL STREET GUDALUR THENI DISTRICT DISTRICT TAMIL NADU INDIA Pin-625518		Permenant Address: W/4,D-NO/81 K.K.SAMY KOVIL STREET GUDALUR THENI DISTRICT DISTRICT TAMIL NADU INDIA Pin-625518	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.SC	PHYSICS	SRIMATI INDIRA GANDHI COLLEGE,TRICHY	1999	66%	FIRST	REGULAR
M.C.A	COMPUTER APPLICATION	STANDARD FIREWORKS RAJARATNAM COLLEGE,SIVAKASI	2002	70%	FIRST	REGULAR
M.PHIL	COMPUTER SCIENCE	PERIYAR UNIVERSITY	2009	63%	FIRST	CORRESPOND

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
BHARATH UNIVERSITY,CHENNAI	LECTURER	2002-06-01	2007-06-30	TEACHING
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE,UTHAMAPALAYAM	ASSISTANT PROFESSOR	2007-07-06	2020-07-09	TEACHING

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
20200224_201117194638	VHMP9472015428	17-11-2020	600	SUCCESS

DOCUMENT MANAGEMENT IN TIMES OF BLOCKCHAIN

Every day, thousands of documents are handled by employees and processed, mostly in digital format, others some still on paper. We are referring to invoices, contracts, delivery notes, payrolls, payment receipts, purchase receipts, financial reports and a long etcetera of heterogeneous information and not always easy to catalogue.

Not for nothing, **document flows are one of the major headaches for organizations** nowadays. The current models do not always allow us to detect duplicate information (so we can find two workers using the same file at the same time, with different versions), which leads to a massive disorganization that puts at risk the security of the data (employees misplacing documents is a constant, something extremely relevant after the entry into force of the GDPR); in addition, it is damaging to the productivity of a company.

A generalized chaos which has turned to digitalization to find a solution to all these intrinsic problems. For this reason, more and more companies been incorporating document management solutions that allow them to automate a large part of the work processes. These programs range from the recognition of the documents itself (mainly through OCR technologies) to their classification and processing (using artificial intelligence algorithms that understand the content of the file and its relationship with established internal procedures), guaranteeing at all times the integrity of the information and the security of the data.

BLOCKCHAIN FOR DOCUMENT MANAGEMENT

The outcome of these struggles is an innovation that promises to change the way we understand document management forever: **blockchain**. These chains of blocks, initially linked to the exchange of cryptocurrencies such as bitcoin, are today a commercial alternative for any environment where it is required to transmit sensitive information in a completely secure and unalterable manner. For example, **it is already used in financial contexts** (as several banks are already testing in order to ensure the integrity of economic transactions) **in transport** (for example, using blockchain to register and certify the drivers' medical examinations and qualifications) **or**

in food and logistics (as Wal-Mart is going to guarantee full traceability of food and speed up the detection of any anomaly that endangers human health).

In the case of document flows in companies, blockchain assures something similar. It's about **using these distributed networks of equipment** (either anonymously on a global scale or in a private, bounded network) **to verify and validate all the documents entering and leaving our organization.**

In a file system based on blockchain, we can **instantly verify the location of a particular document, who created it and when it was last modified, detecting any attempt to manipulate it.** This is possible thanks to a unique fingerprint for each element that we introduce in the chain (an ID generated by algorithms) that allows us to identify each file within our perimeter of action. This information is also accessible to any partner of the organization authorized to do so – which provides maximum transparency in document processes – and we will also be able to obtain the relevant approvals established in our work processes.

On the other hand, **it avoids the classic problem of duplications** and the use of different versions of the same file, since as soon as a person modifies the file, the system will automatically register this update so that no misunderstanding occurs in the management of different files.

Among all the documentary possibilities offered by the blockchain, one of the most interesting for companies is the smart contract. In these cases, we are facing digital contracts that include a linear sequence of actions where each one of them enables the following one. This means that there is no need for an intermediary – read notary or similar – to certify the compliance with certain commitments between two companies or between the company and an individual: with blockchain, the system itself prevents any of the parties from altering or taking advantage of the document in question. On the other side of the coin, the Public Administration can use the blockchain to ensure the integrity of public tenders without having to assume the documentary custody of the bids presented, something in which the government of Aragon, among others, is already immersed.

Among these barriers we find the fear inherent in many critical sectors that their information will leave the company's security perimeter, which is practically inevitable in the case of public networks, but easily solved if we opt for private or licensed networks. All this without forgetting that blockchain is a technology which is still consolidating, without common standards or interoperability capacity between different blockchains, which is gradually overcoming initial obstacles by reducing its cost and gaining efficiency compared to transactional models to use (due to the energy consumption of the first networks that emerged in the market, such as the one that supports bitcoin).



REG. NO. 5005/1952/1953

UNIVERSITY OF BHARATHIDASAN FACULTY OF SCIENCE

UNIVERSITY OF BHARATHIDASAN FACULTY OF SCIENCE

... ..

The Syllabus of the BHARATHIDASAN UNIVERSITY

Given under the seal of the University.



Tiruchirappalli Dated : 2nd December 1959

Registrar

... ..

KRISHNA MOBI



Samsung Triple Camera Galaxy A50s



SM 10070054

REGISTRAR GENERAL

UNIVERSITY OF KERALA

TRIPUNITHURAY

UNIVERSITY OF KERALA

TRIPUNITHURAY

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Register No. : 99210547

ISSUED ON 6 SEP 2007



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... ..

... ..

VIRISHNA MOORTHY
Assistant Executive Engineer
Special Officer in Charge
INB periyar Project

Given under the seal of the University



Samsung Triple Camera
Galaxy A50s

Reg. No. 06DCCCC3492

Col Code. 1197

No. 2KH 069830



அறிவியல் புலம்
FACULTY OF SCIENCE

பெரியார் பல்கலைக்கழக ஆட்சிக்குழு 2009 ஆம் ஆண்டு மார்ச் மாதம்
நடந்த கணினி அறிவியல் தேர்வில்
G மனோன்மணி என்பவர்
முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க
தேர்வாளர்கள் சான்றளித்தபடி ஆய்வியல் நிறைஞர்
என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன்
வழங்குகிறது.

*The Syndicate of the Periyar University hereby makes known
that MANONMANI G has been
admitted to the DEGREE OF MASTER OF PHILOSOPHY in
COMPUTER SCIENCE
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 MAR-2009*

- Attest -



Given under the seal of this university

V. KRISHNA MOORTHY

Assistant Executive Engineer, பதிவாளர்
Special/Periyar Power House, Registrar
TNEB, Periyar Project

குணைவேந்தர்
Vice-Chancellor

நாள்
Dated 16-04-2010.
சேலம் 636011, தமிழ்நாடு, இந்தியா
Salem 636011, Tamil Nadu, India.



MADURAI KAMARAJ UNIVERSITY

ARS 209674

MASTER OF COMPUTER APPLICATIONS (SEMESTER) STATEMENT OF MARKS

NAME OF THE CANDIDATE HANDHANI G	REGISTER NO 79210547	DATE OF PUBLICATION 19-JUL-2002 EXAM M. SYR
COLLEGE OF STUDY S.F.R COLLEGE FOR WOMEN - SIVAKASI	CENTRE NO 314	APR 2002

SUB CODE	SUBJECT DESCRIPTION	MAX MARKS			MARKS DETAINED					
		I	E	T	I	E	T	R	M/YR	
N11	MATHEMATICAL FOUNDATIONS	030	070	100	022	035	057	P	N99	
N12	FINANCIAL MGT. & ACCOUNTING	030	070	100	025	035	060	P	N99	
N13	DIGITAL ELECTRONICS	030	070	100	020	035	055	P	N99	
N14	DATA STRUCTURES IN C++	030	070	100	022	041	063	P	N99	
N1F	OBJECT ORIENTED PROG. LANG C++	030	070	100	015	035	050	P	N99	
N1P	PROGRAMMING LAB 1.C++	030	070	100	027	062	089	P	N99	
N1R	PROGRAMMING LAB 2.COBOL	030	070	100	027	048	075	P	N99	
M21	GRAPH THEORY	030	070	100	016	035	051	P	A00	
M22	COMPUTER ORGANISATION	030	070	100	019	035	054	P	A00	
M23	OPERATING SYSTEMS	030	070	100	022	035	057	P	A00	
M24	SYSTEM ANALYSIS AND DESIGN	030	070	100	021	035	056	P	A00	
M2D	PRINCIPLES OF COMPILER DESIGN	030	070	100	026	040	066	P	A00	
M2L	DATA STRUCTURES & ALGORITHM IN C++ LAB	030	070	100	030	058	088	P	A00	
M2M	RDBMS LAB	030	070	100	027	035	062	P	A00	
M31	OPTIMIZATION TECHNIQUES	030	070	100	022	043	065	P	N00	
M32	COMPUTER GRAPHICS	030	070	100	026	041	067	P	N00	
M33	MICROPROCESSOR AND INTERFACING	030	070	100	024	057	081	P	N00	
M34	UNIX AND SHELL PROGRAMMING	030	070	100	023	036	059	P	N00	
M3E	ARTIFICIAL INTELLIGENCE	030	070	100	022	038	060	P	N00	
M3L	ASSEMBLY LANGUAGE PROGRAMMING LAB	030	070	100	030	069	099	P	N00	
M3N	COMPUTER GRAPHICS LAB	030	070	100	030	066	096	P	N00	
M41	DATA BASE MANAGEMENT SYSTEM	030	070	100	024	037	061	P	A01	
M42	COMPUTER NETWORKS	030	070	100	026	051	077	P	A01	
M43	SOFTWARE ENGINEERING	030	070	100	025	035	060	P	A01	
M44	INTERNET AND JAVA PROGRAMMING	030	070	100	022	048	070	P	A01	
M4D	PARALLEL PROCESSING	030	070	100	020	050	070	P	A01	
M4L	VISUAL PROGRAMMING LAB (VB/VC++)	030	070	100	028	060	088	P	A01	
M4M	INTERNET & JAVA PROGRAMMING	030	070	100	028	060	088	P	A01	
M51	MULTIMEDIA SYSTEMS	030	070	100	026	045	071	P	N01	
M52	PROTOCOLS AND NETWORK MANAGEMENT	030	070	100	020	039	059	P	N01	
M53	DISTRIBUTED DATA BASE AND DESIGN	030	070	100	025	045	070	P	N01	
M54	MODERN COMMUNICATION SYSTEM	030	070	100	023	044	067	P	N01	
M5A	NEURAL NETWORKS	030	070	100	024	045	069	P	N01	
M5L	NETWORKING AND MULTIMEDIA LAB	030	070	100	030	069	099	P	N01	
M5M	CLIENT SERVER COMPUTING LAB	030	070	100	029	070	099	P	N01	
M6P	PROJECT AND VIVA - VOCE	---	---	---	---	---	VG	P	A02	
<<< END OF STATEMENT >>>										
FIRST CLASS		TOTAL MARKS 2458/3500								

Signature of the Candidate: *J. S. Chelliah*

DR T JOHN SAHAYAB CHELLIAH
Controller of Examinations

alteration or overwriting makes this Statement of Marks invalid

PASSING MINIMUM - EXTERNAL-50%
AGGREGATE 50% PROJECT -S-
SATISFACTORY; G-GOOD, VG-VERY GOOD

er 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





Bharathidasan University

ROLL NO: 1196986

B.Sc. DEGREE EXAMINATIONS APRIL 1999
STATEMENT OF MARKS

NAME OF CANDIDATE: MANONMANI G
 PART I: TANIL | PART II: ENGLISH | PART III: PHYSICS
 BRINATHI INDIRA GANDHI COLLEGE TIRUCHIRAPPALLI 620 002

YEAR SEM	PART	TITLE OF SUBJECT	APPEARED	SUBJECT CODE	MARKS OBTAINED	MARKS SECURED	RESULT
1	1	INKKALA ILAKKIAM (CHEYYUL, SIRUKATHAI, PUTHINAM)	NOV 76	RWT1	00	33	PASS
1	2	ENGLISH FOR COMMUNICATION	NOV 76	RXE1A	00	46	PASS
1	3	PROPERTIES OF MATTER AND SOUND	NOV 76	RSK1	00	51	PASS
1	3*	MATHEMATICS-I	NOV 76	RSY14A	00	73	PASS
1	1	IDAIKKALA ILAKKIAMUN, NADAGAMUN	APR 77	RWT2	00	68	PASS
1	2	PROSE FOR COMMUNICATION	APR 77	RXE2A	00	53	PASS
1	3	MECHANICS AND SPECIAL THEORY OF RELATIVITY	APR 77	RSK2	00	61	PASS
1	3*	MATHEMATICS-II	APR 77	RSY14B	00	46	PASS
1	3*	MATHEMATICS-III	APR 77	RSY14C	00	45	PASS
1	3*	MAJOR PRACTICAL-I	APR 77	RSKP1	00	49	PASS
1	3*	PANDAYA ILAKKIAMUN, URAINADAIYUM	NOV 77	RWT3	00	48	PASS
1	3*	POETRY AND DRAMA	NOV 77	RXE3A	00	61	PASS
1	3*	HEAT, THERMODYNAMICS & STATISTICAL MECHANICS	NOV 77	RSK3	00	72	PASS
1	3*	COMPUTER SCIENCE-I	NOV 77	RSY05A	00	41	PASS
1	3*	FANITHNERVUP PAYANPATTUTH THAMIZH	APR 78	RWT4	00	71	PASS
1	3*	ENGLISH FOR COMPETITIVE EXAMINATIONS	APR 78	RXE4A	00	47	PASS
1	3*	OPTICS AND SPECTROSCOPY	APR 78	RSK4	00	60	PASS
1	3*	COMPUTER SCIENCE-III (BASIC AND FORTRAN PROGRAMMING)	APR 78	RSY05C	00	51	PASS
1	3*	MAJOR PRACTICAL-II	APR 78	RSKP2	00	87	PASS
1	3*	COMPUTER SCIENCE-II (PRACTICAL)	APR 78	RSY05BP	00	98	PASS
1	3*	ELECTRICITY, MAGNETISM AND ELECTROMAGNETISM	NOV 78	RSK5	00	83	PASS
1	3*	ATOMIC PHYSICS	NOV 78	RSK6	00	55	PASS
1	3*	BASIC ELECTRONICS	NOV 78	RSK7	00	60	PASS
1	3*	SOLID STATE PHYSICS	NOV 78	RSK1:1	00	55	PASS
1	3*	COMPUTER PROGRAMMING	APR 79	RSK8	00	60	PASS
1	3*	WAVE MECHANICS & NUCLEAR PHYSICS	APR 79	RSK9	00	44	PASS
1	3*	DIGITAL ELECTRONICS	APR 79	RSK10	00	81	PASS
1	3*	INDUSTRIAL ELECTRONICS	APR 79	RSK2:3	00	40	PASS
1	3*	PRACTICAL-III	APR 79	RSKP3	00	97	PASS
1	3*	PRACTICAL-IV	APR 79	RSKP4	00	90	PASS
1	4	EXTENSION AND EXTRA-CURRICULAR ACTIVITIES - 'A' GRADE					
1	4	NATIONAL SERVICE SCHEME					

*** END ***

PART - I		PART - II		PART - III	
MARKS SECURED	CLASS	MARKS SECURED	CLASS	MARKS SECURED	CLASS
245	FIRST	207	SECOND	1460	FIRST

Ally Paper = Applied Paper AAA - Absent
 GRADE A ==> DISTINCTION : B ==> VERY GOOD : C ==> GOOD : D ==> FAIR



Unit Officer

Controller of Examinations

Any Correction is invalid



பெரியார் பல்கலைக்கழகம், சேலம் - 636 011.
PERIYAR UNIVERSITY, SALEM - 636 011.
பெரியார் தொலைதொலைக் கல்வி நிறுவனம்
 PERIYAR INSTITUTE OF DISTANCE EDUCATION (PRIDE)

DK3 0001485

STATEMENT OF MARKS

NAME OF THE CANDIDATE MANONMANT G		DATE OF BIRTH 12-06-1978	REGISTER NO. 06DCCCC3492	CENTRE CODE 1197		
DEGREE / BRANCH M. PHIL - COMPUTER SCIENCE		NON SEMESTER	YEAR OF APPEARANCE JAN '07	PUBLICATION CODE 011	PUBLICATION DATE 05-06-2007	
PAPER CODE	TITLE OF THE PAPER	MARKS			MARKS IN WORDS	RESULT
		MAX.	PASSING MIN	AWARDED		
DYBI	RESEARCH METHODOLOGY	100	050	037	ZERO THREE SEVEN	FAIL
DYBJ	ADVANCES IN COMPUTER SCIENCE	100	050	060	ZERO SIX ZERO	PASS
DYBY	COMPUTER COMMUNICATION NETWORK	100	050	077	ZERO SEVEN SEVEN	PASS
DISSERTATION	NETWORK BORDER PATROL	100	050	070	ZERO SEVEN ZERO	PASS
--- END OF THE STATEMENT ---						



AAA-ABSENT

DATE OF ISSUE : 07-09-2007

[Signature]
CONTROLLER OF EXAMINATIONS

Changes / Overwriting should bear competent attestation of the Periyar University with Official seal, else the certificate is invalid.



Samsung Triple Camera
 Galaxy A50s



பெரியார் பல்கலைக்கழகம், சேலம் - 636 011.
PERIYAR UNIVERSITY, SALEM - 636 011.

2K91055611

PERIYAR INSTITUTE OF DISTANCE EDUCATION (PRIDE)

STATEMENT OF MARKS

NAME OF THE CANDIDATE		DATE OF BIRTH	REGISTER NO.	CENTRE CODE		
MANONMANI G		12-06-1978	06DCCCC3492	1197		
DEGREE & BRANCH		PATTERN OF EXAM	YEAR OF APPEARANCE	PUBLICATION CODE	PUBLICATION DATE	
M. PHIL - COMPUTER SCIENCE		NON SEMESTER	MAR '09	015	17-04-2009	
PAPER CODE	TITLE OF THE PAPER	MAX. MARK	PASS-ING MIN.	AWARDED	MARKS IN WORDS	RESULT
DYBI	RESEARCH METHODOLOGY	100	050	054	ZERO FIVE FOUR	PASS
	--- END OF THE STATEMENT ---					



[Signature]

CONTROLLER OF EXAMINATION

AAA-ABSENT

DATE OF ISSUE : 11-08-2009

Changes / Overscript(s) should bear competent attestation of the Periyar University with Official seal, else the certificate is invalid.



Samsung Triple Camera
Galaxy A50s

Government of Tamil Nadu
தமிழ்நாடு அரசு
Department of Collegiate Education கல்லூரி கல்வித் துறை
மாற்றுச் சான்றிதழ்
TRANSFER CERTIFICATE

வரிசை எண்
Serial No. 100 / 161

சேர்க்கை எண்
Admission No. 761

THE STANDARD FIREWORKS RAJARATHNAM
COLLEGE FOR WOMEN, SIVAKASI.

VIRUDHUNAGAR DISTRICT.

MANDHMANI, G.

a) Gangadharan, R.
b) Vasantha, G.

Indian Hindu Piramalaikallar

yes; Not Backward Class

FEMALE

12.06.1978

Twelfth June 'seventy eight

19.08.99

I MCA

III MCA

Computer Application

English





Bharath University

(Established under Section 3 of UGC Act, 1956)

Ref : 597/Bharath_ Univ/Staff Serv. Cert/2007

Date : 24.07.2007

SERVICE CERTIFICATE

This is to certify that *Ms. G. MANONMANI* was working in our University as a Lecturer in the Department of Computer Applications from 01.06.2002 to 31.05.2007. She was relieved from her duties from 31.05.2007 AN.

During this tenure her conduct and character were found to be *Good*.
I wish her success in all her future endeavors.

Good


REGISTRAR

Dr. K. P. THOORYAMANI,
B.E., M.Sc. (Engg.)(Canada), Ph.D.(Canada)
Registrar, BHARATHI UNIVERSITY
(Established under UGC Act, 1956)
Selaiyur, Chennai - 600 073
Tamilnadu, INDIA.





HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

(An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai)
(Re-Accredited at "A" Grade, COPA of 3.26 out of 4.00, by NAAC, Bangalore)
UTHAMAPALAYAM - 625 533, Tamil Nadu.

DR. H. MOHAMED MEERAN, M.A., M.Phil., Ph.D.,
Principal

29/09/2014

SERVICE CERTIFICATE

This is to certify that Mrs. G. Manonmani, M.C.A., M. Phil., Lecturer in
Department of Information Technology has been working in our college under Self Fin
Stream since 06/07/2007.



Hajee Karutha Rowther Howdia
PRINCIPAL
UTHAMAPALAYAM-625 533

Phone : 04554 - 2652225, Fax : 04554 - 2682228, Email : principal@howdia.in
Web : www.howdia.in



Samsung Triple Camera
Galaxy A50s

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA



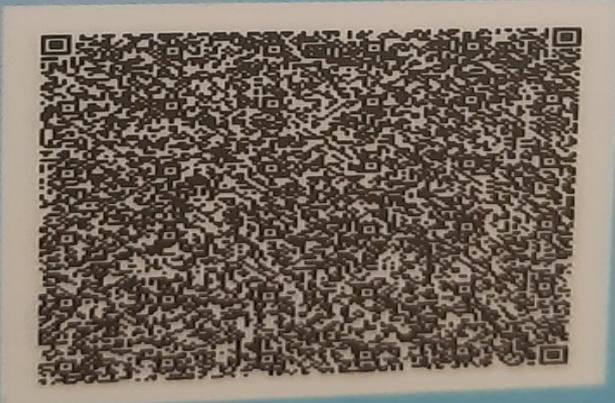
नाम / Name
MANONMANI

पिता का नाम / Father's Name
GANGADHARAN

जन्म की तारीख /
Date of Birth
12/06/1978

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

EVRPM1171C



11082018

हस्ताक्षर / Signature
D.M.



இந்திய தேர்தல் ஆணையம்
Election Commission of India



வாக்காளர் புகைப்பட அடையாள அட்டை ELECTOR PHOTO IDENTITY CARD



NNH0922716



வாக்காளரின் : **மனோன்மணி**
பெயர்

Elector's : **MANONMANI**
Name

உறவினரின் : **குமரேசன்**
பெயர்

Relation's : **KUMARASAN**
Name



Samsung Triple Camera
Galaxy A50s

*CERTIFICATE No.

3941411



DISTRICT CODE 14

TALUK CODE 08

VILLAGE CODE 041

COMMUNITY CERTIFICATE

This is to certify that G. MANONMANI
 son/daughter of Thiru R. SANGATHARAN
 of Melagudalur village/town Uthamapalayam taluk
Madurai district of the State of Tamil Nadu
 belongs to P. Namalai taluk community, which
 is recognised as a Most Backward Class/Denotified Community/
 Backward Class/Scheduled Caste/Scheduled Tribe as per
 G.O. Ms. No. 242 Dated 28.3.89 The
 S.C. and S.T. Orders (Amendment) Act, 1976, vide Sl. No. 45

2. It is certified that G. Manonmani and
 his/her family ordinarily reside(s) at Melagudalur
 village/town Uthamapalayam taluk Madurai
 district of the State of Tamil Nadu.

Signature :

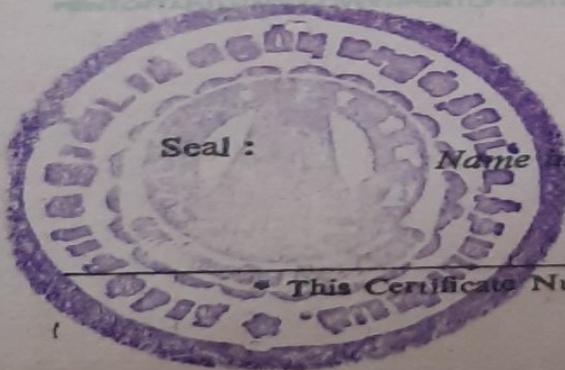
Date :

Head Quarters Deputy Tahsildar
Uthamapalayam

Seal :

Name in capital letters :

Designation :



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

