



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

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:02-07-2021

Department	COMPUTER APPLICATIONS	Application No.	202110112
Area of Research	NETWORK SECURITY	Research Mode	FULL TIME

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<b>Religion</b>	HINDU	<b>Martial Status</b>	SINGLE
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Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
MASTER OF COMPUTER APPLICATION	COMPUTER APPLICATION	MADURAI KAMARAJ UNIVERSITY	2019	69%	FIRST	REGULAR
BACHELOR OF SCIENCE	SOFTWARE	SERMATHAI VASAN COLLEGE FOR WOMEN	2016	70%	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
MANGAYARKARASI INSTITUTION	ASSISTANT PROFESSOR	2019-07-29	2020-12-31	HANDLE CLASSES	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202110112_210702130131	VHD40083765247	02-07-2021	600	SUCCESS

**Research Proposal on**  
**Reliable security authentication system in**  
**IOT based on 5g wireless network**

D. Jeya Prabha MCA.,

# ABSTRACT

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The rapid growth of Internet of Things(IoT) along with wide range of applications made IoT popular. Moreover,the network connectivity and communication support is provided by 5G technology. The mobile technology is also becoming the essential component of Social life, which is also becoming the essential interface for IoT. This paper presents a comprehensive study on the security of 5G wireless network systems compared with the traditional cellular networks in internet of things. The paper starts with a review on 5G wireless networks particularities as well as on the new requirements and motivations of 5G wireless security. we propose a new 5G wireless security architecture, based on which the analysis of identity management and flexible authentication is provided. Different 5G use cases are specified such as industrial automation, health services, smart cities, smart homes and so on. It is believed that 5G wireless systems can enhance mobile broadband with critical services and massive IoT . The new architecture, new technologies, and new use cases in 5G wireless systems will bring new challenges to security and privacy protection. In this paper, we analyze the security aspects of 5G security and provide reliable authenticated system for IOT.

5G mobile networks are expected to be the next big leap in mobile broadband. Peak download speeds as high as 20 gigabits-per-second will enable specialized tasks like remote precision medicine, connected vehicles, virtual and augmented reality, and a wide array of [IoT](#) applications.

More than 500 billion IoT devices, from sensors, to actuators, to devices, will be connected to the internet by 2030, according to research from Cisco. The data collected, aggregated, and analyzed by IoT devices will deliver insights across a wide variety of platforms and services, from health care to artificial intelligence innovations. 5G networks will be needed to meet the requirements of these data-intensive IoT devices and related cloud services.

In recent years, various works on 5G-IoT have done [29]. The CISCO, Intel, Verizon, etc. have done wireless research projects on 5G, which adapted video quality to the requirements of the human eye. The 5G-IoT provide real-time, reconfigurable, all-online, on-demand, and social experiences to IoT applications.

In this section, we present an architecture that is suitable for the requirements of upcoming IoT applications and services. The new architecture is developed based on the technologies, which are explained in the last section, to provide a more sustainable and scalable than existing architectures. We propose an architecture based on the 5G, which is called the 5G-IoT, with the following features: modularity, efficiency, agility, scalability, simplicity, and ability to response to high demands. The 5G-IoT architectures will provide:

- Logically independent networks for applications' requirements;
- To reconstruct radio access network (RAN) engage cloud-based radio access network (Cloud RAN) for providing massive connections to multiple standards and implement on-demand deployment of RAN functions required by 5G.
- ·Simplifying the architecture of the core network to design on-demand network functions configuration

# OBJECTIVES

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- The current IOT architecture will not be reliable and responsive for next generation IOT application and upcoming services.
- The main aim is to provide reliable security system for 5g accessed lot devices.
- The current architectures, will not provide smooth connectivity to a large number of things due to high service requests and data

exchange rates.

- This article is motivated by the future requirements of network architectures to entertain billions of IoT devices
- This proposed architecture makes analysis, modularity, and scalability of an IoT system more efficient. This model simplifies, clarifies, identifies, standardizes, and organizes the essential component of future IoT systems

# SCOPE

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The scope of my research shall be limited to applications of Embedded Systems in smart city development. During the course of my research I would like to focus on existing applications & research in IoT and work a way out of using these concepts to make existing cities in India smarter .The research shall also need a field study, to understand current problems persisting in urban planning, power management, water resource management, agriculture, etc. and how can we apply the developments of IoT to make resources management more efficient. The proposed research will not restrict itself to theoretical concepts and data analysis; rather, it aims at coming up with solution/solutions to incorporate IoT in everyday setting. The applications and use of IoT shall encounter challenges such as large data handling, security, privacy, seamless integration of systems and their interworking, communication networks related issues like interference, range and reliability limitations etc., data processing and compression, storage etc.

# LITERATURE REVIEW

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## **5G as an Enabler for Secure IoT in the Smart Grid**

Ravishankar Borgaonkar, Martin Gilje Jaatun

- the security of IoT devices themselves is a challenge due to the trade-off between device cost and secure communication requirements
- the use of public 5G networks may introduce new types of security risks to the IoT-based smart grids infrastructure
- Further, we outline security risks to IoT-based smart grids originating from compromised 5G network-related infrastructure.

# LITERATURE REVIEW

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## **A Novel IoT Architecture based on 5G-IoT and Next Generation Technologies**

- The combination of technologies is able to satisfy the requirement of new application. The Proposed novel architecture is modular, efficient, agile, scalable, simple and it is able to satisfy the high amount of data and application demand.
- The architecture developed in this paper provides low latency, because the exploitation of 5G and D2D communications, and robustness of connections, because of MTC and Het-Net.

# SUMMARY OF LITERATURE

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This literature survey of authentication in the IoT context. The analysis of a large spectrum of authentication protocols/schemes leads to identify a number of requirements and open issues that should be taken into consideration by researchers and developers while developing new authentication schemes for IoT networks and applications.

## REFERENCE

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- [1] C. Lin, J. Zhou, C. Guo, H. Song, G. Wu, and M. S. Obaidat, "Tsca: A temporal-spatial real-time charging scheduling algorithm for on-demand architecture in wireless rechargeable sensor networks," *IEEE Transactions on Mobile Computing*, vol. 17, no. 1, pp. 211–224, 2018.
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- [3] P. Popovski, K. F. Trillingsgaard, O. Simeone, and G. Durisi, "5g wireless network slicing for embb, urllc, and mmtc: A communication- theoretic view," *arXiv preprint arXiv:1804.05057*, 2018.
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[7]R. Roman, J. Lopez, and M. Mambo, “Mobile edge computing, fog et al.: A survey and analysis of security threats and challenges,” *Futur. Gener. Comput. Syst.*, vol. 78, pp. 680–698, 2018

## ADDITIONAL INFORMATION

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The most important IoT architectures were introduced. In this section, we compare those architectures with the proposed architecture. As we mentioned, the next generation IoT applications and their services, such as smart factory and smart city, require special attributes, as follows:

Support of Variety of data types, Support a high number of customers and demands, Agility, Flexibility, Robustness of connection, Low Latency Reliable Communication. The current IoT architectures with their communication and networking technologies suffer from providing the above requirements [16]. However, the architectures based on 5G communication technology are able to satisfy the above requirements and provide the following features: simplicity of management, reliability, reconfigurability, high security, easy and fast troubleshooting, wide coverage, low deployment cost.

CRR 20198239



அறிவியற் புலம்  
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

ஜெயபிரபா. த.

கணிதப் பயன்பாட்டியல் நிறைஞர் பட்டம்

பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் ஏப்ரல் 2019 இல் நடைபெற்ற

தேர்வுகளில் சான்றளித்தவாறு, முதல் வகுப்பு

பெற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that JEYA PRAEHA D 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 having been placed by

them in the FIRST CLASS at the Examination held in APRIL 2019

Register No. : B644014

Centre Code : 44

ISSUED ON

14 FEB 2020

Given under the seal of the University

பல்கலைநகர், மதுரை - 625 021

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நாள் Dated 28 September 2019

தேர்வாளையர்  
Controller of Examinations

பதிவாளர்/பொறுப்பு  
Registrar In-charge

துணைவேந்தர்  
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மதுரை காமராசர் பல்கலைக்கழகம்  
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FACULTY OF SCIENCE

DUPLICATE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை  
ஜெய பிரபா. த.

மென்பொருள் பிரிவில் அறிவியல் இளையர் பட்டம்

பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் ஏப்பிரல் 2016 இல்  
நடைபெற்ற தேர்வுகளில் சான்றளித்தவாறு, முதல் வகுப்பு

பெற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that JEYA PRABHA D has been admitted to the  
DEGREE OF BACHELOR OF SCIENCE IN SOFTWARE

he/she having been certified by duly appointed Examiners to be qualified to receive the same, and  
having been placed by them in the FIRST CLASS at the

Examination held in APRIL 2016

Register No.: B3116553

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ISSUED ON

13 FEB 2020



தள்ளு நாள் Date 28 September 2019  
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Controller of Examinations

பதிவரளர் பொதுவு  
Registrar m-chamra

துணைவேந்தர்  
Vice-Chancellor

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**MADURAI KAMARAJ UNIVERSITY**  
CHOICE BASED CREDIT SYSTEM (CBCS)

MRK 504556

**MASTER OF COMPUTER APPLICATIONS (SEMESTER)**  
**CONSOLIDATED STATEMENT OF MARKS AND GRADES**

NAME OF THE CANDIDATE		REGISTER NO.	DATE OF PUBLICATION									
JEYA PRABHA D		B644014	21-06-2019									
SCHOOL / DEPARTMENT OF STUDY		DEPT. CODE	EXAM (M & YR)									
DEPT. OF COMPUTER APPLICATIONS		44	APRIL 2019									
COURSE CODE	COURSE TITLE	C R E	MAX MARKS			MARKS SECURED			GP	LG	R	M&YR
			CA	ES	TOT	CA	ES	TOT				
CCR1611C	MATHEMATICAL FOUNDATIONS FOR COMPUTER APPLICATIONS	4	025	075	100	018	037	055	5.5	B+	P	N16
CCR1612C	OBJECT ORIENTED PROGRAMMING IN C & C++	4	025	075	100	017	049	066	6.6	A+	P	N16
CCR1613C	DATABASE MANAGEMENT SYSTEM	4	025	075	100	019	043	062	6.2	A	P	N16
CCR1614C	OBJECT ORIENTED PROGRAMMING IN C & C++ LAB	3	040	060	100	028	042	070	7.0	A++	P	N16
CCR1615C	DBMS LAB	3	040	060	100	036	050	086	8.6	D++	P	N16
CCR1616E	DIGITAL ELECTRONICS AND COMPUTER ORGANIZATION	4	025	075	100	013	040	053	5.3	B	P	N16
MAL16A1S	BASIC COURSE - MALAYALAM - I	2	025	075	100	018	052	070	7.0	A++	P	N16
CCR1621C	OPERATING SYSTEMS	4	025	075	100	017	053	070	7.0	A++	P	A17
CCR1622C	THEORY OF COMPUTATION	4	025	075	100	007	044	051	5.1	B	P	A19
CCR1623C	UNIX AND OS LAB	3	040	060	100	019	045	064	6.4	A	P	A17
CCR1624C	WEB TECHNOLOGY LAB	3	040	060	100	014	040	054	5.4	B	P	A17
CCR1625C	WEB TECHNOLOGY	4	025	075	100	012	039	051	5.1	B	P	A17
CCR1626E	SOFTWARE ENGINEERING	4	025	075	100	018	056	074	7.4	A++	P	A17
MAL16A2S	BASIC COURSE - MALAYALAM - II	3	025	075	100	019	046	065	6.5	A+	P	A17
CCR1631C	JAVA PROGRAMMING	4	025	075	100	021	053	074	7.4	A++	P	N17
CCR1632C	COMPUTER NETWORKS	4	025	075	100	016	034	050	5.0	B	P	N17
CCR1633C	DATA STRUCTURES AND ALGORITHMS	4	025	075	100	018	048	066	6.6	A+	P	N17
CCR1634C	JAVA LAB	3	040	060	100	037	060	097	9.7	D+	P	N17
CCR1635C	DATA STRUCTURES LAB	3	040	060	100	039	038	077	7.7	D	P	N17
CCR1636E	DATAMINING AND WAREHOUSING	4	025	075	100	020	047	067	6.7	A+	P	N17
GEN16B1S	HUMAN HEALTH AND DISEASE - I	2	025	075	100	022	052	074	7.4	A++	P	N17
CCR1641C	NETWORK PROGRAMMING	4	025	075	100	018	049	067	6.7	A+	P	A18
CCR1642C	COMPUTER GRAPHICS	4	025	075	100	021	056	077	7.7	D	P	A18
CCR1643C	NETWORK SECURITY	4	025	075	100	021	041	062	6.2	A	P	A18
CCR1644C	NETWORK PROGRAMMING LAB	3	040	060	100	032	045	077	7.7	D	P	A18
CCR1645C	GRAPHICS LAB	3	040	060	100	022	059	081	8.1	D+	P	A18
CCR1646E	MOBILE COMPUTING	4	025	075	100	015	045	060	6.0	A	P	A18
GEN16B2S	HUMAN HEALTH AND DISEASE - II	3	025	075	100	018	036	054	5.4	B	P	A18
CCR1651C	DISTRIBUTED COMPUTING	4	025	075	100	014	043	057	5.7	B+	P	N18
CCR1652C	COMPILER DESIGN	4	025	075	100	019	056	075	7.5	D	P	N18
CCR1653C	ADVANCE INTERNET PROGRAMMING LAB	3	040	060	100	024	043	067	6.7	A+	P	N18
CCR1654C	WEB DEVELOPMENT LAB	3	040	060	100	025	049	074	7.4	A++	P	N18
CCR1655E	WEB DEVELOPMENT TECHNOLOGY	4	025	075	100	019	040	059	5.9	B+	P	N18
CCR1656E	SERVICE ORIENTED ARCHITECTURE	4	025	075	100	016	040	056	5.6	B+	P	N18
JSC16B1S	BASIC PHOTOGRAPHY	2	025	075	100	016	049	065	6.5	A+	P	N18
CCR1661P	PROJECT WORK AND VIVA VOCE	14	025	075	100	022	072	094	9.4	O	P	A19
/END OF STATEMENT/												
CLASS FIRST		CREDITS EARNED (In All Semesters)			CGPA 6.86765		GRADE A+					
		C:100 E:24 S:12 T:136										
		C: E: T:										
D. Jha A												
Signature of the Candidate												

Any alteration or overwriting makes this Statement of Marks and Grades Invalid

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B Sc SOFTWARE(SEMESTER)

**STATEMENT OF MARKS AND GRADES**  
(CHOICE BASED CREDIT SYSTEM)

KPVK 236524

NAME OF THE CANDIDATE				REGISTER NO.			DATE OF PUBLICATION							
JEYA PRABHA D				B3116553			23-JUN-2016							
NAME OF THE CENTRE				CENTRE CODE			EXAM M & YR							
N.M.S. SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI				230			APR 2016							
PART	SEMESTER	COURSE CODE	COURSE TITLE	CREDIT	MAXIMUM			MARKS SECURED			GRADE POINT	GRADE	RESULT	M & YR
					INTERNAL	EXTERNAL	TOTAL	INTERNAL	EXTERNAL	TOTAL				
I	1	UTM8L11	TAMIL PAPER-I	3	025	075	100	016	027	043	4.3	C	P	N13
I	2	UTM8L21	TAMIL PAPER - II	3	025	075	100	015	033	048	4.8	C+	P	A14
I	3	UTM8L31	TAMIL PAPER-III	3	025	075	100	020	052	072	7.2	A++	P	N14
I	4	UTM8L41	TAMIL PAPER-IV	3	025	075	100	016	027	043	4.3	C	P	A15
II	1	UEN8E11	ENGLISH PAPER-I	3	025	075	100	022	034	056	5.6	B+	P	N13
II	2	UEN8E21	ENGLISH PAPER - II	3	025	075	100	018	041	059	5.9	B+	P	A14
II	3	UEN8E31	ENGLISH PAPER-III	3	025	075	100	020	040	060	6.0	A	P	N14
II	4	UEN8E41	ENGLISH PAPER-IV	3	025	075	100	021	030	051	5.1	B	P	A15
III	1	SST8A11	ANALOG & DIGITAL ELECTRONICS	5	025	075	100	017	029	046	4.6	C+	P	N13
III	1	SST8C11	UNIX & C PROGRAMMING	4	025	075	100	020	030	050	5.0	B	P	A14
III	1	SST8C1P	LAB-I UNIX & C PROGRAMMING	4	040	060	100	040	060	100	10.0	O+	P	N13
III	2	SST8A21	MICROPROCESSOR & ASSEMBLY LANGUAGE PROGRAMMING	5	025	075	100	020	030	050	5.0	B	P	A14
III	2	SST8C21	COMPUTER SYSTEM ARCHITECTURE	4	025	075	100	017	029	046	4.6	C+	P	A14
III	2	SST8C2P	LAB - DIGITAL ELECTRONICS & MICROPROCESSOR	4	040	060	100	040	060	100	10.0	O+	P	A14
III	3	SST8A31	SYSTEM SOFTWARE	5	025	075	100	023	030	053	5.3	B	P	N14
III	3	SST8C31	DATA STRUCTURES & C++ PROGRAMMING	4	025	075	100	024	046	070	7.0	A++	P	N14
III	3	SST8C3P	LAB-DATA STRUCTURES & C++ PROGRAMMING	4	040	060	100	032	060	092	9.2	O	P	N14
III	4	SST8A41	COMPUTER GRAPHICS	5	025	075	100	021	052	073	7.3	A++	P	A15
III	4	SST8C41	OBJECT ORIENTED PROGRAMMING USING JAVA	4	025	075	100	022	034	056	5.6	B+	P	A15
III	4	SST8C4P	LAB-OBJECT ORIENTED PROGRAMMING USING JAVA	4	040	060	100	040	057	097	9.7	O+	P	A15
III	5	SST8A53	COMPUTER ALGORITHMS	5	025	075	100	021	054	075	7.5	D	P	N15
III	5	SST8C51	DATABASE SYSTEM TECHNIQUES	4	025	075	100	020	035	055	5.5	B+	P	N15
III	5	SST8C52	WEB TECHNOLOGY	4	025	075	100	019	043	062	6.2	A	P	N15
III	5	SST8C53	SOFTWARE ENGINEERING	4	025	075	100	022	030	052	5.2	B	P	N15
III	5	SST8C5P	LAB-CLIENT SERVER	4	040	060	100	040	057	097	9.7	O+	P	N15
III	6	SST8A61	WIRELESS COMPUTING	6	025	075	100	022	040	062	6.2	A	P	A16
III	6	SST8C61	MULTIMEDIA	5	025	075	100	019	037	056	5.6	B+	P	A16
III	6	SST8C6P	LAB-VB.NET LAB	5	040	060	100	040	058	098	9.8	O+	P	A16
III	6	SST8C6T	PROJECT & VIVA-VOCE	6	025	075	100	024	066	090	9.0	O	P	A16
IV	1	AEN8N11	SPOKEN ENGLISH	2	025	075	100	018	037	055	5.5	B+	P	N13
IV	2	AEN8N21	COMMUNICATION FOR PLACEMENT	2	025	075	100	021	027	048	4.8	C+	P	A14
IV	3	SST8S31	DATA SECURITY	2	025	075	100	022	034	056	5.6	B+	P	N14
IV	4	SST8S41	OFFICE AUTOMATION	2	025	075	100	020	043	063	6.3	A	P	A15
IV	5	UES8D51	ENVIRONMENTAL STUDIES	2	025	075	100	022	042	064	6.4	A	P	N15
IV	5	SST8S51	BIOMETRICS	2	025	075	100	022	039	061	6.1	A	P	N15
IV	6	SST8S61	SOFTWARE QUALITY ASSURANCE	2	025	075	100	023	042	065	6.5	A+	P	A16
IV	6	SST8S62	NUMERICAL ABILITY	2	025	075	100	018	044	062	6.2	A	P	A16
IV	6	SST8S63	DATA MINING	2	025	075	100	023	034	057	5.7	B+	P	A16
IV	6	UVE8V61	VALUE EDUCATION	2	025	075	100	017	043	060	6.0	A	P	A16
V	4	UEA8G4N	EXTENSION ACTIVITY-NATIONAL SERVICE SCHEME	1	100	---	100	075	---	075	7.5	D	P	A15
<< END OF STATEMENT >>														

PART	CREDITS EARNED (IN THE CURRENT SEMESTER)	GPA	PART	CUMULATIVE PERFORMANCE			CLASSIFICATION
				CREDITS EARNED (IN ALL SEMESTERS)	CGPA	GRADE	
I	0	0	I	12	5.15	B	SECOND CLASS
II	0	0	II	12	5.65	B+	SECOND CLASS
III	22	7.64545	III	95	7.02632	A++	FIRST CLASS
IV	8	6.1	IV	20	5.91	B+	
V	0	0	V	1	7.5	D	

The candidate is declared to have Passed only when he/she entered not less than 140 Credits.

Signature of the Candidate



*P. Vijayan*  
Dr P VIJAYAN

CONTROLLER OF EXAMINATIONS

Any alteration or overwriting makes the Statement of Marks and Grades invalid.  
Palkalai Nagar  
Madurai-625 021



சான்றிதழ் எண்  
Certificate No. HSG 7635477



ஆகக் தேர்வுகள் துறை, சென்னை - 600006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600006

பேரறிக்கைப் பள்ளிக் கல்விச் சான்றிதழ்  
HIGHER SECONDARY COURSE CERTIFICATE

பொதுக்கல்வி / GENERAL EDUCATION

தமிழ்நாடு அரசின் ஆளுகைக்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU



தேர்வர் JEYA PRABHA D MAR 2013 இல் பேரறிக்கைப் பள்ளிக் கல்விப் பொதுத் தேர்வுக்குத் தீர்க்கானும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Certified that the above mentioned candidate appeared for the Higher Secondary Public Examination and obtained the following marks :

பாடம் SUBJECT	கருத்து/பெயர்ப்பு THEORY PRAC		பெற்ற மதிப்பெண்கள் 200க்கு MARKS OBTAINED FOR 200	
	150	50		
TAMIL			129	ONE TWO NINE (P)
ENGLISH			149	ONE FOUR NINE (P)
PHYSICS	035	050	085	ZERO EIGHT FIVE (P)
CHEMISTRY	035	049	084	ZERO EIGHT FOUR (P)
COMPUTER SCIENCE	067	050	117	ONE ONE SEVEN (P)
MATHEMATICS			046	ZERO FOUR EIGHT

பொது மதிப்பெண்கள்  
TOTAL MARKS 0612 ZERO SIX ONE TWO

பிறந்த தேதி / DATE OF BIRTH 27.11.95  
பதிவு எண் / REGISTER NO. 164535  
ம.அ.ப.குறியிடல்.பெ.என் & தாள் / TMR CODE NO & DATE G235752 09.05.2013

பயிற்று பெயர் / MEDIUM OF INSTRUCTION ENGLISH  
பாடத்தொகுப்பு எண் / GROUP CODE 102

பள்ளியின் பெயர் / NAME OF THE SCHOOL  
(1910541) MAHARISHI VID MANDIR M HSS MDU



D. Jeya Prabha  
Secretary  
STATE BOARD OF SCHOOL EXAMINATIONS (H.S.), TAMILNADU



சான்றிதழ் எண்  
Certificate No. HSG 8283460



ஆகக் தேர்வுகள் துறை, சென்னை - 600006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600006

பேரறிக்கைப் பள்ளிக் கல்விச் சான்றிதழ்  
HIGHER SECONDARY COURSE CERTIFICATE

பொதுக்கல்வி / GENERAL EDUCATION

தமிழ்நாடு அரசின் ஆளுகைக்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU



தேர்வர் JEYA PRABHA D JUN 2013 இல் பேரறிக்கைப் பள்ளிக் கல்விப் பொதுத் தேர்வுக்குத் தீர்க்கானும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Certified that the above mentioned candidate appeared for the Higher Secondary Public Examination and obtained the following marks :

பாடம் SUBJECT	கருத்து/பெயர்ப்பு THEORY PRAC		பெற்ற மதிப்பெண்கள் 200க்கு MARKS OBTAINED FOR 200	
	150	50		
*****			***	****
*****			***	****
*****			***	****
*****			***	****
*****			***	****
MATHEMATICS			110	ONE ONE ZERO (P)

பொது மதிப்பெண்கள்  
TOTAL MARKS 0110 ZERO ONE ONE ZERO

பிறந்த தேதி / DATE OF BIRTH 27.11.95  
பதிவு எண் / REGISTER NO. 108434  
ம.அ.ப.குறியிடல்.பெ.என் & தாள் / TMR CODE NO & DATE G105780 25.07.2013

பயிற்று பெயர் / MEDIUM OF INSTRUCTION \*\*\*\*\*  
பாடத்தொகுப்பு எண் / GROUP CODE 102

பள்ளியின் பெயர் / NAME OF THE SCHOOL  
PRIVATE 2021



D. Jeya Prabha  
Secretary  
STATE BOARD OF SCHOOL EXAMINATIONS (H.S.), TAMILNADU



சான்றிதழ் வ. எண் / CERTIFICATE SI. No. SEC

9079495

தூக்கத் தேர்வுகள் துறை, சென்னை - 600 006.  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600 006.

இடைநிலைப் பள்ளி இறுதி வகுப்புச் சான்றிதழ்  
**SECONDARY SCHOOL LEAVING CERTIFICATE**

பத்தாம் வகுப்பு / X STANDARD

தமிழ்நாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

தேர்வர் JEYA PRABHA D

MAR 2011

இல்

இடைநிலைப் பள்ளி இறுதி வகுப்புப் பொதுத் தேர்வெழுதி கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Certified that the above mentioned candidate appeared for the SSLC Public Examination and obtained the following marks :

பாடம் SUBJECT	பெரும் அளவு மதிப்பெண்கள் MAX.MARKS	பெற்ற மதிப்பெண்கள் MARKS OBTAINED
TAMIL தமிழ்	100	090 ZERO NINE ZERO
ஆங்கிலம் ENGLISH	100	072 ZERO SEVEN TWO
கணிதம் MATHEMATICS	100	080 ZERO EIGHT ZERO
அறிவியல் SCIENCE	100	081 ZERO EIGHT ONE
சமூக அறிவியல் SOCIAL SCIENCE	100	092 ZERO NINE TWO
மொத்தம் TOTAL	500	415 FOUR ONE FIVE

பிறந்த நாள் / DATE OF BIRTH 27. 11. 95	பதிவேண் / REGISTER NO. 1198327	ம.அ.ப.குறியீட்டெண் & நாள் / TMR CODE NO. & DATE G287285 27. 05. 2011
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பயிற்று மொழி / MEDIUM OF INSTRUCTION  
ENGLISH

பள்ளியின் பெயர் / NAME OF THE SCHOOL  
MANU G HSS KEERATHURAI MDU

இடைநிலைப் பள்ளி இறுதி வகுப்புப் பொதுத் தேர்வில் தேர்ச்சி பெற ஒவ்வொரு பாடத்திலும், 100க்குக் குறும் அளவு மூப்பத்தைந்து மதிப்பெண்கள் பெறுதல் வேண்டும். இது பகுதி முறையில் தேர்வெழுதித் தேர்ச்சி பெறுவதற்கும் பொருந்தும்.

A PASS IN THE SSLC EXAMINATION REQUIRES A MINIMUM OF THIRTY FIVE PERCENT OF MARKS IN EACH SUBJECT. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

D. Jeya Prabha.

செயலாளர்  
மாநிலப் பள்ளித் தேர்வுகள் குழுவம்(இடைநிலை), தமிழ்நாடு  
SECRETARY  
STATE BOARD OF SCHOOL EXAMINATIONS (SEC.), TAMILNADU



**MADURAI KAMARAJ UNIVERSITY**  
*(University with Potential for Excellence)*  
**DEPARTMENT OF COMPUTER APPLICATIONS**  
**SCHOOL OF INFORMATION TECHNOLOGY**  
**MADURAI - 625 021**



**TRANSFER CERTIFICATE**

285

No.

Admission No. 2K16-1A

1. Name of the pupil : D. Jeyaprabha
2. Date of Birth as entered in the Admission Register (in words) : 27/11/1995 (Twenty seventh November Nineteen Ninety five)
3. Date of admission to the University : 16/07/2016
4. Date on which the pupil left the University : 21/06/2019
5. Class in which the pupil was studying at the time of leaving : III M.C.A.
6. The Course of study while leaving : M.C.A.
7. Duration of the Course : Three Years (6 Semesters)
8. Whether the pupil is qualified for promotion to a higher class : Please refer to the Mark Statement
9. Whether the pupil has returned all books and has paid all the money due to the University : Yes
10. Reasons for leaving the University : Completed the Course / Discontinued
11. The Student's Conduct & Character : Good

Date 1 JUL 2019

Head  
 Department of Computer Applications  
 School of Information Technology,  
 Madurai Kamaraj University

**REGISTRAR**



# MANGAYARKARASI COLLEGE OF ARTS & SCIENCE FOR WOMEN

Affiliated to Madurai Kamaraj University

Re-Accredited with B Grade by NAAC | An ISO 9001 : 2015 Certified Institution

Date: 30.03.2021

## SERVICE CERTIFICATE

This is to certify that Ms.D.Jeya Prabha M.C.A., worked as Assistant Professor in the Department of Computer Science from 29.07.2019 to 31.12.2020. During the tenure her conduct was good.

Director

MANGAYARKARASI COLLEGE OF  
ARTS & SCIENCE FOR WOMEN  
Paravai, Madurai-625 402



7-1-139, Mangayarkarasi Nagar,  
Paravai, Madurai - 625 402.



95007 06435



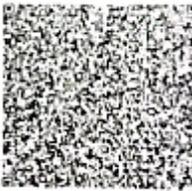
[www.mcw-madurai.org](http://www.mcw-madurai.org)



[mangaiarts1997@gmail.com](mailto:mangaiarts1997@gmail.com)  
[mcw@mcw-madurai.org](mailto:mcw@mcw-madurai.org)

**आयकर विभाग**      **भारत सरकार**  
**INCOME TAX DEPARTMENT**      **GOVT. OF INDIA**

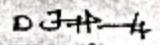
स्थायी लेखा संख्या कार्ड  
 Permanent Account Number Card  
**BYPPJ3313R**



**नाम / Name**  
**JEYA PRABHA D**

**पिता का नाम / Father's Name**  
**DHANASEKARAN**

**जन्म की तारीख / Date of Birth**  
**27/11/1995**

  
**हस्ताक्षर / Signature**



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**Plot No. 1, Sector 11, CBD Belapur,**  
**Navi Mumbai - 400 614.**

**आयकर संपर्क केंद्र**  
**आयकर से संबंधित प्रश्नों के लिए सहायता केन्द्र**  
**फोन नं. : 1800 180 1961**

**आयकर संपर्क केंद्र**  
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**Queries Call Toll Free No.**  
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**or**  
**18001801961**

*D. Jeya Prabha*



भारत सरकार  
GOVERNMENT OF INDIA



जेय प्रभात ड  
Jeya Prabha D  
पंजाब / DOB: 27/11/1995  
लिंग / FEMALE



2098 2595 7557



भारतीय विशिष्ट पहचान प्राधिकरण  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

முகவரி:  
தந்தை / தாய் பெயர்:  
தனசேகரன், 4065, 4 வது  
நம்பி காலனி, வில்லாபுரம்  
குடியிருப்பு, மதுரை தெற்கு,  
மதுரை,  
தமிழ்நாடு - 625011

Address:  
D/O Dhanasekaran, 4065, 4TH  
COACHY VILLAPURAM  
QUARTERS, Madurai South,  
Madurai,  
Tamil Nadu - 625011

2098 2595 7557

D. JAA

