KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:29-05-2020

Department	COMPUTER APPLICATIONS	Application No.	20200037
Area of Research	DATA MINING	Research Mode	PART TIME

Name :SIVARAMAN M

Date of Birth / Age :25-03-1996 / 24 Years

Gender :MALE

Category :BC

e-Mail ID :sivaramanranjith@gmail.com

Mobile :9025772423

Father's/Husband's Name	MUTHUKOODALINGAM	Father's/Husband's Occupation	FARMER
Family Income	1,60,000	Residental Type	RURAL
Birth Place	VIRUDHUNAGAR	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	4595 9751 2370	PAN No.	HBYPS8342R
Physically Challenged	NO	Type of Disability	-

Address for Communication:
2/9
SOUTH STREET
AYAN KARISALKULAM
VIRUDHUNAGAR DISTRICT
TAMIL NADU
INDIA
Pin-626149

Permenant Address:
2/9
SOUTH STREET
AYAN KARISALKULAM
VIRUDHUNAGAR DISTRICT
TAMIL NADU
INDIA
Pin-626149

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BSC	MATHS	THIAGARAJAR COLLEGE, MADURAI	2016	55.94%	SECOND	REGULAR
MCA	COMPUTER APPLICATION	BHARATHIAR UNIVERSITY	2019	76%	FIRST	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
FOCUS EDUMATICS, COIMBATORE	ONLINE TUTOR	2019-12-23	2020-06-29	TEACHING

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
20200037_200618221421	SUR28911079627	18-06-2020	600	SUCCESS

Data mining project proposal

Introduction

Data Mining has also a variety of research fields including Text Mining, Temporal Mining, Stream Mining, Spatial and also in Geographical Mining, Utility Mining, Web mining, Distributed Data Mining, Ubiquitous Data Mining, Hypertext and also Hypermedia Data Mining, Multimedia Data mining, Time Series Data Mining, also in Constraint Based Data Mining, Phenomenal Data Mining etc.

Current Trends in Data Mining

- Software engineering with Data Mining
- Visual Data Mining
- Interactive and scalable methods also for Data Mining
- Application Exploration
- Biological Data Mining
- New methods also for complex Data Mining
- Standardization of query language also in Data Mining
- Multi database and also Multi Rational Data Mining
- Information Security and also Privacy Protection in Data Mining
- Big Analytics integrated also with Cloud Computing

  Hadoop

  MapReduce

  Apache Spark

  Amazon EC2 and S3

Steps in Data Mining

- Understanding of the application/relevant prior knowledge
- Make target set also for discovery
- Data pre-processing and also cleaning
- Reduce invariant representations and also number of data variables
- Select any of the following data mining tasks

  Regression

  Clustering

  Classification

Association Rules

Data visualization

Feature Extraction and Selection

Anomaly Detection

Statistical data analysis

Multidimensional analysis

- Apply data mining algorithm
- Patterns searching
- Knowledge discover

Specific Models Used in Data Mining

- Decision Tree
- Non-negative Matrix Fabrication
- K-means and also O-clustering
- Naïve Bayes Algorithm
- Support Vector Machines
- Apriori and Hashing Techniques
- Neural networks and also expert systems
- Intelligent agents
- Soft Sets also for Machine learning and Data mining
- Genetic Algorithms
- Artificial Neural Networks

Prominent Data Mining Research Topics

- Data integrity, privacy and also security issues in data mining
- Mining of Multi-agent data also using data mining Concepts
- For data mining a unifying theory can also be created
- For network setting data mining can be also used
- High dimensional data and high speed data can be also streamed
- Mining of sequence information and also time unbalanced data
- Distributed data mining applications

Reg No: MC32 AQ4

பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகம் ... ஏப்ரல் 2019 ஆம் ... அமர்வு ... தேர்வில் ... உ.திய ... தேர்வில்

சேராபயன் மு. ... சேர்ப்பு நிலை முதல் ... வகுப்பில் ... தேர்ச்சி ... பெற்றும் ... தகுதியைக்நிந்நுபெறவ.

உ.ரிய ... தேர்வாளர்கள் ... எண்ணமைந்தது ... எனு, ... கலாிப்பாள் ... பயன்முறை நிறைந்த

எவ்வறும் பாட்டத்தினை ... அவருக்கு ... கழக ... இவ்வெளையட்டன. ... பாரதியார் பல்கலைக் கழக

ஆட்சிக் குழு ... வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **SIVARAMAN M** has been admitted to the Degree of **MASTER OF COMPUTER APPLICATIONS**, having been certified by duly appointed Examiners to be qualified to receive the same and was placed in **FIRST CLASS WITH DISTINCTION**, at the Examination conducted in **APRIL 2019** by Bharathiar University.
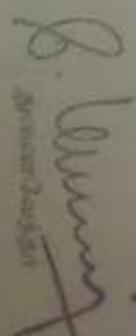
Given under the Seal of the University.
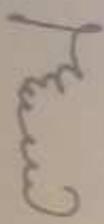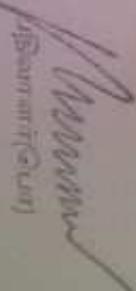
Coimbatore

Dated 8th December 2019
ISSUED ON 2 3 MAR 2020

Controller of Examinations i/c

Registrar(i/c)

Vice-Chancellor

BHARATHIAR UNIVERSITY

COIMBATORE

CHOICE BASED CREDIT SYSTEM

CONSOLIDATED STATEMENT OF MARKS

NAME OF THE EXAMINEE	COLLEGE OF STUDY / CENTRE
SIVARAMAN M	DEPARTMENT OF COMPUTER APPLICATIONS UNIVERSITY DEPARTMENT

REGISTER NO.	DEGREE & BRANCH OF STUDY	MONTH & YEAR OF LAST APPEARANCE
16CSEA04	MASTER OF COMPUTER APPLICATION	APRIL 2019

PART	SEM	COURSE CODE	COURSE TITLE	CREDIT	MAX MARKS	AWAR-DED	GRADE POINTS	GRADE	MONTH & YEAR
3	1	13A	COMPUTER ORGANIZATION & ARCHITECTURE	4	100	067	6.7	A	11-16
3	1	13B	PROBLEM SOLVING USING 'C'	4	100	081	8.1	D+	11-16
3	1	13C	MATHEMATICAL FOUNDATIONS OF COMPUTER APPLICATIONS	4	100	068	6.8	A	11-16
3	1	13D	DATA STRUCTURES	4	100	078	7.8	D	11-16
3	1	13E	OPERATING SYSTEMS	4	100	067	6.7	A	11-16
3	1	1EA	ELECTIVE:UNIX & NETWORK PROGRAMMING	4	100	074	7.4	A+	11-16
3	1	1GS27	YOGA EDUCATION	2	50	035	7.0	A+	11-16
3	2	23A	PRINCIPLES OF COMPILER DESIGN	4	100	071	7.1	A+	04-17
3	2	23B	OPERATIONS RESEARCH	4	100	063	6.3	A	04-17
3	2	23C	DESIGN & ANALYSIS OF ALGORITHMS	4	100	079	7.9	D	04-17
3	2	23D	OBJECT ORIENTED PROGRAMMING	4	100	089	8.9	D+	04-17
3	2	23E	OPEN SOURCE SOFTWARE	4	100	062	6.2	A	04-17
3	2	2EB	ELECTIVE:DATABASE MANAGEMENT SYSTEM	4	100	084	8.4	D+	04-17
3	2	2GS65	TAMIZHILLAKIYA VARALARU	2	50	031	6.2	A	04-17
3	3	33A	ADVANCED JAVA PROGRAMMING	4	100	067	6.7	A	11-17
3	3	33B	COMPUTER NETWORKS	4	100	069	6.9	A	11-17
3	3	33C	SOFTWARE PROJECT MANAGEMENT	4	100	082	8.2	D+	11-17
3	3	33D	COMPUTER SECURITY AND CRYPTOGRAPHY	4	100	080	8.0	D+	11-17
3	3	33E	SOFT SKILLS-I	2	50	041	8.2	D+	11-17
3	3	33P	ADVANCED JAVA PROGRAMMING LAB	4	100	097	9.7	O	11-17
3	3	33Q	COMPUTER NETWORKS LAB	4	100	095	9.5	O	11-17
3	3	33R	SOFT SKILLS-I LAB	2	50	043	8.6	D+	11-17
3	3	3GS75	INTRODUCTION TO GENDER STUDIES	2	50	034	6.8	A	11-17
3	4	43A	OPEN SOURCE PROGRAMMING	4	100	083	8.3	D+	04-18
3	4	43B	MOBILE PROGRAMMING	4	100	067	6.7	A	04-18
3	4	43C	COMPUTER GRAPHICS AND MULTIMEDIA	4	100	069	6.9	A	04-18
3	4	43P	OPEN SOURCE PROGRAMMING LAB	2	50	038	7.6	D	04-18
3	4	43Q	MOBILE PROGRAMMING LAB	3	75	067	8.93	D+	04-18
3	4	43R	COMPUTER GRAPHICS AND MULTIMEDIA LAB	3	75	072	9.6	O	04-18
3	4	4EB	ELECTIVE: .NET PROGRAMMING	4	100	063	6.3	A	04-18
3	4	4EP	ELECTIVE: .NET PROGRAMMING - LAB	2	50	047	9.4	O	04-18
3	5	53A	INTERNET PROGRAMMING AND WEB DESIGNING	4	100	068	6.8	A	11-18
3	5	53B	DATA MINING	4	100	064	6.4	A	11-18
3	5	53C	SOFT SKILLS-II	2	50	031	6.2	A	11-18
3	5	53P	INTERNET PROGRAMMING AND WEB DESIGNING LAB	4	100	057	5.7	B	11-18
3	5	53Q	DATA MINING - LAB	4	100	098	9.8	O	11-18
3	5	53R	SOFT SKILLS II - LAB	2	50	047	9.4	O	11-18
3	5	53S	PYTHON PROGRAMMING - LAB	2	50	041	8.2	D+	11-18
3	5	57V	MINI PROJECT AND VIVA VOCE	2	50	043	8.6	D+	11-18
3	5	5EC	SOFT COMPUTING	4	100	065	6.5	A	11-18
3	5	5ED	PYTHON PROGRAMMING	4	100	063	6.3	A	11-18
3	6	67V	PROJECT WORK & VIVA-VOCE	10	250	233	9.32	O	04-19

** END OF STATEMENT **

	Credit	Earned	CGPA	GRADE	Classification
		150	7.660	D	FIRST CLASS WITH DISTINCTION

BHARATHIAR UNIVERSITY

COIMBATORE- 641 046.

TRANSFER CUM CONDUCT CERTIFICATE

Folio No.: C1/1159/2019

1. Name of Student	:	SIVARAMAN M
2. Date of Birth	:	25/03/1996
3. Nationality	:	INDIAN
4. Religion, Caste and Community	:	HINDU , YADHAVA - BC
5. Name of Father / Guardian	:	MUTHUKOODALINGAM
6. Course of Study	:	M.C.A.
7. Medium of Instruction	:	ENGLISH
8. Date, Month and Year of admission	:	08/08/2016
9. Whether qualified for higher course	:	Refer mark sheet
10. Has any due to the University	:	No
11. Date of leaving the course	:	30/04/2019
12. Reason for leaving	:	COURSE COMPLETED
* 13. Conduct and Character	:	GOOD

Coimbatore - 46.

Date : 17/07/2019

* *No separate conduct certificate is issued*

23/7/2019

for REGISTRAR i/c

FOCUS EDUMATICS

ACCELERATING TRANSFORMATION

Sivaraman M

HR ID   :25226

Emp ID : 7925

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Emergency Contact No :9585910048

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

M SIVARAMAN

MUTHUKOODALINGAM

25/03/1996

Permanent Account Number
HBYPS8342R

m.Sivaraman

Signature

YXB0985887

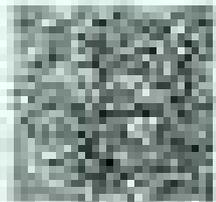|	
வாக்காளரின் பெயர்	**சிவராமன்**
Elector's Name	**SIVARAMAN**
உறவினரின் பெயர்	**முத்துக்கூடலிங்கம்**
Relation's Name	**MUTHUKODALINGAM**

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