



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:18-11-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202020015
Area of Research	DATA MINING	Research Mode	PART TIME

Name :SHIMJA M
Date of Birth / Age :20-09-1982 / 38 Years
Gender :FEMALE
Category :OBC
e-Mail ID :shimjashiyas@yahoo.co.in
Mobile :9446322256



Father's/Husband's Name	SHIYAS A	Father's/Husband's Occupation	SUB DIVISIONAL ENGINEER,BSNL
Family Income	1300000	Residential Type	URBAN
Birth Place	TRIVANDRUM	Mother Tongue	MALAYALAM
Religion	MUSLIM	Martial Status	MARRIED
Aadhaar No.	713650172322	PAN No.	BCOPM7911B
Physically Challenged	NO	Type of Disability	-
Address for Communication: TC 27/969(3),KANAVILAYIL ATHANI LANE VANCHIYOOR.P.O THIRUVANANTHAPURAM DISTRICT KERALA INDIA Pin-695035		Permenant Address: TC 27/969(3),KANAVILAYIL ATHANI LANE VANCHIYOOR.P.O THIRUVANANTHAPURAM DISTRICT KERALA INDIA Pin-695035	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BTECH	COMPUTER SCIENCE AND ENGINEERING	MG UNUVERSITY	2004	69	FIRST	REGULAR
MTECH	COMPUTER AND INFORMATION TECHNOLOGY	MS UNIVERSITY	2008	79.	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
MUSLIM ASSOCIATION COLLEGE OF ENGG	ASST PROF	2005-04-06	2009-09-14	PERMANENT	
COLLEGE OF ENGG,(GOVT UNDERTAKING)KIDANGOOR	ASST PROF	2009-09-15	2009-11-17	PERMAANENT	
COLLEGE OF ENGG IHRD(GOVT)	ASST PROF	2009-11-18	2017-05-31	PERMANENT	
GOVT POLYTECHNIC COLLEGES	LECTURER	2017-06-01	1970-01-01)TILL DATE(PERMANENT	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020015_201218004704	VSBI9569458885	18-12-2020	600	SUCCESS

Adaptive Predictive analysis in detecting,diagonosing and recovery of COVID 19 Pandemic based on data mining and machine learning techniques

Data mining efforts aim to extract meaningful information from unstructured data by the process of formulating,analyzing and implementing induction processes.Data mining extract patterns .Based on patterns, in health care , predictive analysis of various diseases can be recognized.For extracting patterns requires data sets.A reliable data sets can be acquired from various sources such as electronic records .Based on those records extract patterns ,there can predict the nature in detecting diagnosing and recovery of covid 19.Unfortunately information on how the virus spreads and how patients are affected is limited.We aims to develop systematic review and predictive analysis based on data mining and machine language algorithms for detecting ,diagonosing and adaptive recovery of COVID19.Artificial intelligence,along with recent trends in digital data aquisition using ML and data mining is contributing much to health care in this pandemic situation.This research aims prediction,regression and classification.Data mining for medical diagnosis systems is efficient and can be utilised to control the spread of MERS-CoV and predict the recovery rates from CoV infections . ML technique can be used to identify and predict the dominant factors affecting the recovery from CoV.The distinction between MERS-CoV and SARS-CoV can be predicted based on their symptoms.The attributes of patients and CoV attributes were identified in the studies and classify datasets used with ML algorithms.



பொறியியற் புலம்

FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்கழுவின் மூலம்

கணினி மற்றும் தகவல் தொழில் நுட்பவியலில் தொழில்நுட்ப பரிசாட்சி

பட்டம் பெறுதற்குத் தேவையானவர் என முறையாக அமைக்கப்பெற்ற தேர்விற்கு
 சான்றளித்தவாறு ஏப்ரல் 2008 இல் நடத்திய தேர்வுகளில்
 சான்றளித்தபடி அன்னவர் முதல் வகுப்பில் பெற்று
 இந்தப் பட்டப்பெற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
 hereby makes known that SHIMJAM

has been admitted to the Degree of

MASTER OF TECHNOLOGY IN COMPUTER & INFORMATION TECHNOLOGY

he/she having been certified by duly appointed Examiners to be
 qualified to receive the same at the Examination held in APRIL 2008

and having been placed in the FIRST CLASS



Given under the seal of the University.

திருநெல்வேலி, இந்தியா
 Tirunelveli, India
 Dated 11 NOV 2008

[Signature]
 Controller of Examinations

[Signature]
 Registrar

[Signature]
 Vice-Chancellor



மனோன்மனியம் சுந்தரனார் பல்கலைக்கழகம்
MANONMANIAM SUNDARANAR UNIVERSITY

TIRUNELVELI, TAMILNADU, INDIA.

CT00000045

CENTRE FOR INFORMATION TECHNOLOGY AND ENGINEERING
CHOICE-BASED CREDIT SYSTEM - CONSOLIDATED - STATEMENT OF MARKS

DEGREE COURSE : **H. TECH COMPUTER AND INFORMATION TECHNOLOGY**

NAME OF THE CANDIDATE				REGISTER NUMBER			SEMESTER			
GHIRJA H				2650070			FOURTH			
COLLEGE OF STUDY		COLLEGE NO	CENTRE NO	EXAM MONTH AND YEAR			DATE OF PUBLICATION			
UNIVERSITY DEPARTMENT		454	454	A-08			21/05/08			
SUBJECT CODE	SUBJECT NAME	COURSE CREDIT	CREDIT	MARKS			RESULT	GRADE	CREDIT	TOTAL
				BT	ET	GR				
G11HT	Advanced Computer Architecture	C	4	49	44	93	PASS	N-06	4	372
G12HT	Modern Operating Systems	C	4	49	35	84	PASS	N-06	4	336
G13HT	Principles and Current Trends in Information Technology	C	3	49	40	89	PASS	N-06	3	267
G14HT	Algorithm Analysis and Design	C	4	44	35	79	PASS	N-06	4	316
G15HT	Advanced Computer Graphics and Multimedia	C	4	30	44	74	PASS	N-06	4	296
G21HT	Computer Communication	C	3	43	41	84	PASS	A-07	3	252
G22HT	Advanced Database Management Systems	C	3	49	39	88	PASS	A-07	3	264
G23HT	Software Engineering and UPL	C	4	48	38	83	PASS	A-07	4	332
G24HT	Advanced Digital Image Processing	C	4	43	38	81	PASS	A-07	4	324
G25HT	Fuzzy Logic and its Applications	C	4	47	31	78	PASS	A-07	4	312
SP2HT	Mini Project	H	3	45	30	75	PASS	N-07	3	225
G31HT	Artificial Neural Networks	C	4	40	33	73	PASS	N-07	4	292
G32HT	Engineering Research Methodology	C	4	41	33	74	PASS	N-07	4	296
G34HT	Data Mining	D	3	40	37	77	PASS	N-07	3	231
G36HT	Programming Image Processing through IDL	D	3	42	30	72	PASS	N-07	3	216
G38HT	Topics in Internet Technologies	D	3	48	36	84	PASS	N-07	3	252
SP3HT	Mini Project	H	3	30	30	60	PASS	N-07	3	180
SP4HT	Major Project & Viva-voce	P	12	40	40	80	PASS	A-08	12	960

Weighted average marks of subjects passed = $\frac{\text{Total of Marks + Credits}}{\text{Total of Credits Awarded}}$ = **79.49** TOTAL **72 8723**

MARKS	BT	ET	GR
SAVING	50	50	100
FAILING MINIMUM	25	25	50

- COURSE CATEGORIES**
- 1 - Core Subject
 - 2 - General Subject
 - 3 - Laboratory / Practical
 - 4 - Elective/Departmental Course
 - 5 - Project / Viva-voce
 - 6 - Mini-Project

CLASS : FIRST

Dr. J. Kannan



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Dr. J. Kannan



GOVERNMENT OF KERALA
DEPARTMENT OF TECHNICAL EDUCATION
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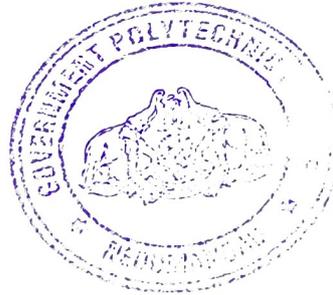
No.E2/1966/19

Dated: 18/09/ 2019

SERVICE CERTIFICATE

Certified that **Smt.Shimja M**, is working as Lecturer in Computer Engineering from 01.06.2017 in this institution under the Director of Technical Education Govt.of Kerala in the Scale of pay of Rs. 15600-39100(AGP.6000). This certificate is issued on her request to produce before the authorities of Village Office, Vanchiyoor, Thiruvananthapuram in connection with the Non-Creamy layer Certificate.

To
Smt.Shimja M




Principal
PRINCIPAL
Govt. Polytechnic College
Nedumangad-695 541.

आयकर विभाग

INCOME TAX DEPARTMENT

SHIMJA M

SALIM

20/09/1982

Parmanent Account Number

BCOPM7911B

Shimja M

Signature



भारत सरकार

GOVT. OF INDIA





INDIAN UNION
KERALA STATE
DRIVING LICENCE FORM 7



No.: 1/7452/2016

Date: 14/07/2016

Name

: SHIMJA M

S/W/D of

: SHYASA A

Address

: TC 27/969/3

Date of Birth

: 20/09/1982

Blood Group

: A+

Category

Valid from

Valid To

Non-Transport

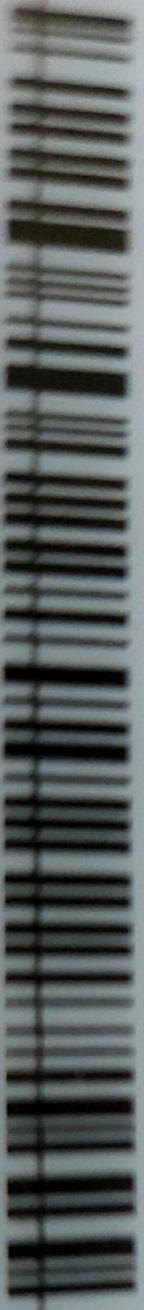
14/07/2016

19/09/2032

Transport

Temp. Address
SAKTHI MDS
VANCHIYOOR PO
THIRUVANANTHAPURAM 695035

KANAVILAYIL ATHANI ROAD
VANCHIYOOR P O
THIRUVANANTHAPURAM - 695035



आयकर विभाग

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DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT POLYTECHNIC COLLEGE, NEDUMANGAD
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E-mail- gptcnedumangad@gmail.com

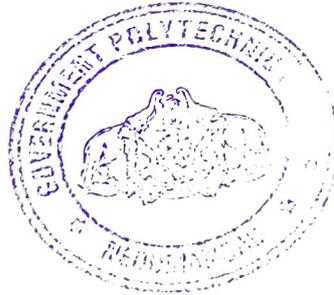
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