



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:01-11-2023

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202312139
Area of Research	MACHINE LEARNING	Research Mode	PART TIME

Name :ANSHA SHAKKEER

Date of Birth / Age :06-03-1990 / 33 Years

Gender :MALE

Category :OBC

e-Mail ID :ansha@vidyatcklmr.ac.in

Mobile :8089290291



Ansha Shakkeer
30-08-2023



Father's/Husband's Name	SHAKKEER	Father's/Husband's Occupation	ABROAD
Family Income	2 LAKHS	Residential Type	RURAL
Birth Place	TRIVANDRUM	Mother Tongue	MALAYALAM
Religion	MUSLIM	Martial Status	WIDOWED
Aadhaar No.	826419355079	PAN No.	NMSPS1841A
Physically Challenged	NO	Type of Disability	-
Address for Communication: KHADEEJAS,PANGHALUKADU,PULIPPARA PO KADAKKAL,KOLLAM KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691536		Permenant Address: KHADEEJAS,PANGHALUKADU,PULIPPARA PO KADAKKAL,KOLLAM KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691536	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
MTECH	COMPUTER AND INFORMATION SCIENCE	KTU	2019	9.68	FIRST	REGULAR
BTECH	COMPUTER SCIENCE	KERALA	2013	6.86	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
SHM ENGINEERING COLLEGE	ASSISTANT PROFESSOR	1970-01-01	1970-01-01	TEACHING	
VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS	ASSISTANT PROFESSOR	2021-04-12	1970-01-01	TEACHING	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202312139_231102232907	ZHD51506542058	02-11-2023	600	SUCCESS

Analysis of Medical Image Using Machine Learning

ABSTRACT

Medical imaging refers to the process of obtaining images of internal organs for therapeutic purposes such as discovering or studying diseases. The primary objective of medical image analysis is to improve the efficacy of clinical research and treatment options. Deep learning has revamped medical image analysis, yielding excellent results in image processing tasks such as registration, segmentation, feature extraction, and classification. The prime motivations for this are the availability of computational resources and the resurgence of deep convolutional neural networks. Deep learning techniques are good at observing hidden patterns in images and supporting clinicians in achieving diagnostic perfection. It has proven to be the most effective method for organ segmentation, cancer detection, disease categorization, and computer-assisted diagnosis. Many deep learning approaches have been published to analyze medical images for various diagnostic purposes. In this paper, we review the work exploiting current state-of-the-art deep learning approaches in medical image processing. We begin the survey by providing a synopsis of research works in medical imaging based on convolutional neural networks. Second, we discuss popular pretrained models and general adversarial networks that aid in improving convolutional networks' performance. Finally, to ease direct evaluation, we compile the performance metrics of deep learning models focusing on COVID-19 detection and child bone age prediction.



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Sequence No. 19/2/00251

(A Kerala State Government University)

Thiruvananthapuram

25/07/2019

Provisional Degree Certificate

Certified that

Sri./Smt. ANSHA SHAKKEER

has provisionally qualified for the award of the Degree of

Master of Technology (M.Tech)

Branch	: COMPUTER SCIENCE AND ENGINEERING
Specialization	: COMPUTER AND INFORMATION SCIENCE
College of Study	: COLLEGE OF ENGINEERING PERUMON
Register Number	: PRN17CSCS03
Month and Year of Passing	: JULY-2019
CGPA*	: 9.68

Verified by:

Section Officer:

Controller of Examinations



*Cumulative Grade Point Average



Sl. No 19896

Email: exam@ktu.edu.in • Website: www.ktu.edu.in

June-2019

No.GC/2019/04/S4/2333



APJ Abdul Kalam Technological University

Semester Grade Card

Name of Candidate	Ansha Shakkeer	Register No	PRN17CSC503
Name of College	COLLEGE OF ENGINEERING PERUMON	Branch	COMPUTER SCIENCE AND ENGINEERING(COMPUTER AND INFORMATION SCIENCE)
Semester	S4	Program	M.Tech

Course Name	Code	Grade	Credits	Passing Month/Year
Project (Phase 2)	02CS7214	O	18.0	June-2019
Total Earned Credits				18
SGPA				10.0

Controller of Examinations*



Recommended
Ansha
 AMEERA BEEGOM.J
 (Tutor, M.Tech)

Attested
24.8.19



PRINCIPAL
 College of Engineering Perumon
 Kollam

a computer system generated Grade Card.Hence no need for a physical signa

December-2018
No.GC/2018/03/53/2123



APJ Abdul Kalam Technological University

Semester Grade Card

Name of Candidate	Ansha Shakkeer	Register No	PRN17CSCS03
Name of College	COLLEGE OF ENGINEERING PERUMON	Branch	COMPUTER SCIENCE AND ENGINEERING(COMPUTER AND INFORMATION SCIENCE)
Semester	S3	Program	M.Tech

Course Name	Code	Grade	Credits	Passing Month/Year
CLOUD COMPUTING	02CS7211.1	D	3.0	December-2018
DATA COMPRESSION	02CS7221.2	A+	3.0	December-2018
SEMINAR	02CS7231	D	2.0	December-2018
PROJECT(PHASE I)	02CS7241	Successfully Completed		December-2018
Total Earned Credits			8	
SGPA			9.63	

Controller of Examinations*



commended

Handwritten signature

AMEERA BEEGOM.J
(Tutor, M.Tech)

Handwritten signature

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Kollam



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Semester	S3	Program	M.Tech

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April-2018

No.GC/2018/02/52/1267



APJ Abdul Kalam Technological University

Semester Grade Card

Name of Candidate	Ansha Shabbir	Register No	PRIN17CSC503
Name of College	COLLEGE OF ENGINEERING PERUMON	Branch	COMPUTER SCIENCE AND ENGINEERING(COMPUTER AND INFORMATION SCIENCE)
Semester	52	Program	M.Tech

Course Name	Code	Grade	Credits	Passing Month/Year
ADVANCED DATA MINING	02CS6212	B+	4.0	April-2018
INFORMATION RETRIEVAL	02CS6222	O	3.0	April-2018
ADVANCED OPERATING SYSTEM DESIGN	02CS6232	O	3.0	April-2018
SOFT COMPUTING	02CS6242.5	O	3.0	April-2018
NETWORK SECURITY	02CS6252.3	A+	3.0	April-2018
MINI PROJECT	02CS6262	O	2.0	April-2018
ADVANCED DBMS LABORATORY	02CS6272	O	1.0	April-2018
Total Earned Credits				19
SGPA				9.42

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Recommended
Ameera
 AMEERA BEEGOM.J
 (Tutor, M.Tech)

Athesia
2018-10
 PRINCIPAL
 College of Engineering Perumon
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June-2019

No.GC/2019/04/S4/2333



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Course Name	Code	Grade	Credits	Passing Month/Year
Project (Phase 2)	02CS7214	O	18.0	June-2019
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Attended

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April-2018

No.GC/2018/02/52/1267



APJ Abdul Kalam Technological University

Semester Grade Card

Name of Candidate	Ansha Shabbir	Register No	PRIN17CSC503
Name of College	COLLEGE OF ENGINEERING PERUMON	Branch	COMPUTER SCIENCE AND ENGINEERING(COMPUTER AND INFORMATION SCIENCE)
Semester	52	Program	M.Tech

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NETWORK SECURITY	02CS6252.3	A+	3.0	April-2018
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आयकर विभाग
INCOME TAX DEPARTMENT

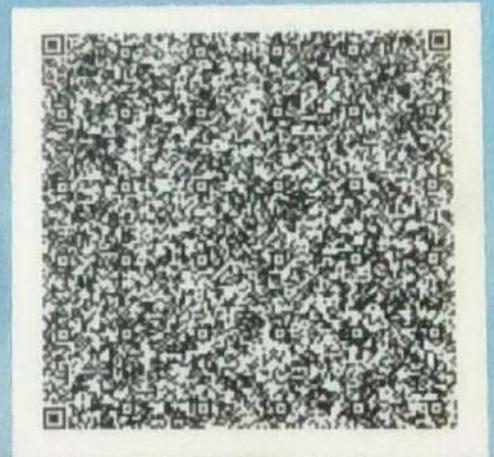


भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

NMSPS1841A



नाम / Name
ANSHA SHAKKEER

पिता का नाम / Father's Name
SHAKKEER

जन्म की तारीख /
Date of Birth
06/03/1990

हस्ताक्षर / Signature



**Indian Union Driving Licence
Issued by State of Kerala**



DL No. KL24 20210004241

Issue Date	Validity (NT)	Validity (TR)
17-02-2021	16-02-2031	



Name : ANSHA SHAKKEER
 Date Of Birth : 06-03-1990 Blood Group : O+
 Organ Donor : No
 S / D / W of : SHAKKEER

Holder's Signature

Permanent Address
 KHADEEJAS,
 PANGALUKADU PULIPPARA P O KADAKKAL,
 Kottarakkara, Kollam, KL, 691536

Present Address
 KHADEEJAS,
 PANGALUKADU PULIPPARA P O KADAKKAL,
 Kottarakkara, Kollam, KL, 691536

Date Of First Issue 17-02-2021

FORM 13 C
(See Rule 3)



GOVERNMENT OF KERALA
KUMMIL VILLAGE OFFICE
CASTE CERTIFICATE



Date: 30/03/2021

No. 55493672

Certified that the person with the details mentioned below belongs to the caste mentioned below.

Name of Person to whom certificate is issued	ANSHA SHAKKEER
Gender	Female
Age	31
Name of Father	SHAKKEER
Address	KHADEEJAS, O, PANGALUKADU
Religion	Islam
Caste	OBC/ Muslim
Post Office with Pin code	PULIPPARA, 691536
Name of Local body	Kummil
Village	Kummil
Taluk	Kottarakkara
District	Kollam
Date of Issue of Certificate	30/03/2021
Designation of the issuing officer	Village Officer

This certificate is issued based on the details given in the application, local enquiry, facts and records produced and is valid only for a period of three years from the date of issue.

Security Code 49N19

Signature valid

Digitally signed by ANIYANKUNJU K J
Date: 2021.03.30 15:25:16 IST

NOTE

1. This digitally signed document is legally valid as per the Information Technology (IT) Act, 2000.
2. Authenticity of this document can be verified from <http://edistrict.kerala.gov.in/> and submitting the Certificate Number and Security code. Alternatively, please call the numbers 155300(from BSNL landline), 0471155300(from BSNL mobile), 04712335523/04712115094/04712115096(from other networks) and quote the Certificate Number to the operator.

FORM 13 C
(See Rule 3)



GOVERNMENT OF KERALA
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CASTE CERTIFICATE



Date: 30/03/2021

No. 55493672

Certified that the person with the details mentioned below belongs to the caste mentioned below.

Name of Person to whom certificate is issued	ANSHA SHAKKEER
Gender	Female
Age	31
Name of Father	SHAKKEER
Address	KHADEEJAS, O, PANGALUKADU
Religion	Islam
Caste	OBC/ Muslim
Post Office with Pin code	PULIPPARA, 691536
Name of Local body	Kummil
Village	Kummil
Taluk	Kottarakkara
District	Kollam
Date of Issue of Certificate	30/03/2021
Designation of the issuing officer	Village Officer

This certificate is issued based on the details given in the application, local enquiry, facts and records produced and is valid only for a period of three years from the date of issue.

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