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:10-06-2020

Department	COMPUTER APPLICATIONS	Application No.	20200063
Area of Research	ARTIFICIAL INTELLIGENCE /COMPUTER APPLICATIONS	Research Mode	PART TIME

Name :USHACHITHRA KANDALA

Date of Birth / Age :27-07-1986 / 33 Years

Gender :FEMALE

Category :BC

e-Mail ID :prorelations1@gmail.com

Mobile :7095015305

USHACHITHRA K

Signature of the Applicant

Father's/Husband's Name	JANARDHAN RAO	Father's/Husband's Occupation	SOFTWARE ENGINEER
Family Income	200000	Residental Type	RURAL
Birth Place	KHAMMAM	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	858145744510	PAN No.	DOBPK4859B
Physically Challenged	NO	Type of Disability	-

Address for Communication:	Permenant Address:
20 VIJETHA -ITEC FIRST FLOOR SONA ARCADE ST MARYS ROAD ABOVE SBI STATION ROAD SECUNDERABAD HYDERABAD DISTRICT TELANGANA INDIA Pin-500003	20 VIJETHA -ITEC FIRST FLOOR SONA ARCADE ST MARYS ROAD ABOVE SBI STATION ROAD ST MARYS ROAD ABOVE SBI STATION ROAD SECUNDERABAD DISTRICT HYDERABAD INDIA Pin-500003

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BSC	COMPUTER SCIENCE	KAKATIYA GOVT UNIVERSITY	2006	60	FIRST	REGULAR
MCA	CS	KAKATIYA GOVT UNIVERSITY	2009	75	FIRST CLASS WITH DISTINCTION	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
SANGHAMITRA SCHOOLS	TEACHER	2015-01-01	2020-10-16	TEACHING

Payment Details

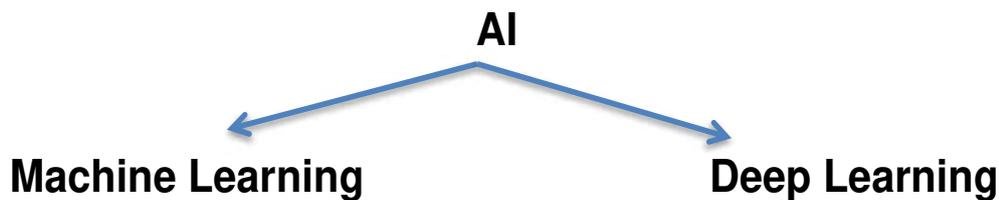| Transaction ID	Reference	Date of transaction	Amount	Status
20200063_200610193132	SHD48884904572	10-06-2020	600	SUCCESS

Artificial Intelligence

What is AI ?

The theory of development of computer systems able to perform tasks normally requiring human Intelligence such as visual perception, Speech Recognition ,Decision making and Translation between languages.

History of AI ?

The beginnings of modern AI can be traced to classical philosophers' attempts to describe human thinking as a symbolic system. But the field of AI wasn't formally founded until 1956, at a conference at Dartmouth College, in Hanover, New Hampshire, where the term "artificial inelligence" was coined.In 1956 Dartmouth Conference - A couple of years back people like scientists meet together in one room.The summer research project tested about 8 weeks end of their research the entire project was came to one person who called AI.

AI

Machine Learning   Deep Learning

Alan Turing who is British mathematician German has nice system code to send the messages.That code was called **enigma**.For the Turing test its took days, months and years**In 1956 Marvin Minsky (Scientist)** explained about how machine learning and deep learning are using in **AI.In 1981 AI got commercialized**.In 2002 (Roomba Company) invented Robot for vaccume cleaner..it cleans halls ,carpet etc,**In 2005 (War Robot)** it carry heavy loads,bombs etc..2000 robots were deployed in **IRAQ & AFGHANISTANIn 2014 (AUTOPILOT)** this was the biggest break through in AI technology..because the car was drive and park by itself.

In 2019 The field of medicine

The Breast cancer detection..**AI** knows which cells are useful and which cells are harmful.

WHAT'S NEXT?

TYPES OF AI

1) NARROW AI

2) GENERAL AI

3) SUPER AI

s works AI is doing in couple of seconds.

DOMAINS OF AI:

HEALTH CARE: through chat boat helping.

STOCKREADING:some times loose money and some time you will get money all those knows

AI.

SALES: how we implement **AI**

FINAL THOUGHTS YOUR AI WILL BE AS GOOD AS YOU ARE

1) **INTELLIGENCE** defined as one's capacity for underst**NARROW AI**:It will takes specific tasks. Eg:Mobile

2) **GENERAL A**I: Take knowledge from one domain transfers to other domain. Eg: Chart boat

3) **SUPER AI:**Machines that are extremely smart compared to human.

WHAT MAKES AI,INTELLIGENT

The art training a machine is Amazing.
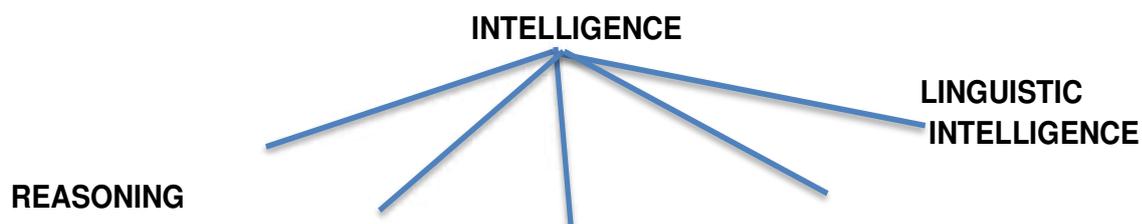
KNOWLEDGE: Train machine to tough implementation

LEARNING: Machine should understand & learn , analysis,store

PROBLEM SOLVING: Implementing & solve the problem ,machine can't solve the problem .very tough to achieve all these.Implementing in all ways to solve the problem.

COGNITION: Bringing Machine to Human level.

Human is taking 360,000 houranding, self awareness,learning,emotional knowledge, planning,creativity&problem solving
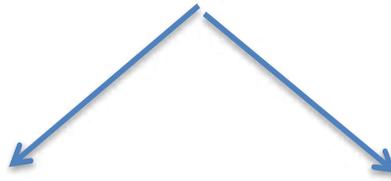
AI is INTELLIGENSE IN MACHINES.

INTELLIGENCE

LINGUISTIC INTELLIGENCE

REASONING

LEARNING   **PROBLEMSOLVING**

PERCEPTION

A I

MACHINE LEARNING   **DEEP LEARNING**

Machine learning and Deep learning are subsets of **AI.**

TYPES OF MACHINE LEARNING:

1) **SUPERVISED**

2) **UN SUPERVISED**

3) **REINFORCEMENT**

1) **SUPERVISED:** Training the machine give sample of data

Eg: Training Data

What is this image represent 97% it's an apple

  This is an apple

  Robot will say 97% it's an apple.

2) **UNSUPERVISED:** The model learns through observations and finds structure in the data

Eg: fruits are in the basket like apple ,banana,orange.

So system agrigate fruits like   Cluster 1

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                                     Cluster 3

Eg: In Netflix like movies and serials…

3) **REINFORCEMENT**: Agent interact with the environment and find out what is the best outcome

Eg: Agent   interact ——→   Road (Is environment)

Eg: Self driving cars Elsa ,Google.

Deep Learning :

It is a sub set of machine learning.It tells that can we make the machine learn like how we are learning with our brain.How human learns like deep learning .

In this we have various techniques.

- Artificial Neural Network

- Convolutional Neural Network

- Re Current Neural Network

Kakatiya University

WARANGAL - 506 009, (A.P.) INDIA

CONSOLIDATED MEMORANDUM OF MARKS

130

No. **130382**

Date : 30-06-2006

Examination : B. SC., ANNUAL, MAR./APR., 2006

Candidate's Name : USHACHITHRA KANDALA

Roll No. : 130044108

Father's Name : JANARDHAN RAO

SUBJECT	THEORY MARKS			PRACTICAL MARKS		
	MAX.	SECURED	YR. OF PASSING	MAX.	SECURED	YR. OF PASSING
PART - I						
FIRST YEAR :						
ENGLISH - I	100	043	A'04	—	—	—
SECOND LANGUAGE SANSKRIT	100	055	A'04	—	—	—
SECOND YEAR :						
ENGLISH - II	100	060	A'05	—	—	—
SECOND LANGUAGE SANSKRIT	100	078	A'05	—	—	—

TOTAL MARKS : 236 (TWO HUNDRED AND THIRTY SIX)
DIVISION : SECOND   A'05

PART - II						
FIRST YEAR :						
MATHEMATICS - I	150	073	A'04	—	—	—
STATISTICS - I	100	035	A'04	050	040	A'04
COMPUTER SCIENCE - I	100	061	A'04	050	045	A'04
INDIAN HERITAGE & CULTURE *	050	035	A'04	—	—	—
SECOND YEAR :						
MATHEMATICS - II	150	087	A'05	—	—	—
STATISTICS - II	100	055	A'05	050	030	A'05
COMPUTER SCIENCE - II	100	062	A'05	050	043	A'05
SCIENCE & CIVILIZATION *	050	029	A'05	—	—	—
ENVIRONMENTAL STUDIES *	100	050	A'05	—	—	—
THIRD YEAR :						
MATHEMATICS - III	150	062	A'06	—	—	—
OPERATION RESEARCH - IV	150	079	A'06	—	—	—
STATISTICS - III	100	063	A'06	050	047	A'06
STATISTICS - IV	100	066	A'06	050	045	A'06
COMPUTER SCIENCE - III	100	073	A'06	050	048	A'06
VISUAL PROGRAMMING WITH VB	100	055	A'06	050	046	A'06

TOTAL MARKS : 1115 (ONE THOUSAND ONE HUNDRED AND FIFTEEN)
DIVISION : FIRST   A'06

Pass Marks in each subject : 35% of the Maximum Marks   * marks neither included in total nor considered for award of division

SECTION-IN-CHARGE   SUPDT./A.R.   for CONTROLLER OF EXAMINATIONS

Kakatiya University

Warangal - 506 009 (A.P.) India

130

PROVISIONAL CERTIFICATE

No. **125371**

Date **28-06-2006**

This is to certify that **USHACHITHRA KANDALA**

Son/ Daughter of **JANARDHAN RAO** has passed

the **BACHELOR OF SCIENCE** examination held

in **MAR/APR. 2006** in **SECOND DIVISION** under Part I

and in **FIRST DIVISION** under Part II

He/She was examined in the following subjects with Roll no. **130044108**

Month & Year of Passing

Part I :

English

Second Language: SANSKRIT

ANNUAL 2005

Part II :

ANNUAL 2006

1. MATHEMATICS
2. STATISTICS
3. COMPUTER SCIENCE

for Registrar

Kakatiya University
WARANGAL - 506 009 (A.P.) INDIA
CONSOLIDATED MEMORANDUM OF MARKS

No **073482**

Date : 02/07/2009

Master of Computer Applications (M.C.A.), May, 2009

Roll No : **0708I0054**

Examination

Candidate's Name : **USHACHITRA KANDALA**

Father's Name : **JANRDHANRAO**

SUBJECT	MAX MARKS	PASS MARKS	MARKS SECURED	MONTH & YEAR OF PASSING
I Semester :				
PROBLEM SOLVING AND COMPUTER PROGRAMMING	100	040	072	Jan. 2007
COMPUTER ORGANIZATION	100	040	074	Jan. 2007
ACOUNTANCY AND FINANCIAL MANAGMENT	100	040	053	Jan. 2007
DISCRETE MATHEMATICS	100	040	084	Jan. 2007
MANAGERIAL ECONOMICS	100	040	064	Jan. 2007
PROB. SOLVING & COMP.PORG.THROUG C++ LAB	050	025	045	Jan. 2007
B.D.P. LAB	050	025	047	Jan. 2007
I.T. LAB	050	025	043	Jan. 2007
II Semester :				
PROBABILITY AND STATISTICAL METHODS	100	040	073	May 2007
DATA STRUCTURES	100	040	069	May 2007
SYSTEM SOFTWARE	100	040	064	May 2007
OPERATING SYSTEMS	100	040	075	May 2007
DATABASE MANAGMENT SYSTEM	100	040	071	May 2007
DATA STRUCTURES - LAB	050	025	047	May 2007
OPERATING SYSTEMS - LAB	050	025	045	May 2007
DBMS - LAB	050	025	048	May 2007
III Semester :				
ADVANCED DATABASE MANAGEMENT SYSTEMS	100	040	072	Jan. 2008
COMPUTER NETWORKS	100	040	073	Jan. 2008
OBJECT ORIENTED ANALYSIS & PROGRAMMING	100	040	069	Jan. 2008
SOFTWARE ENGINEERING - I	100	040	070	Jan. 2008
.NET PROGRAMMING	100	040	074	Jan. 2008
OOP - LAB	050	025	041	Jan. 2008
.NET - LAB	050	025	043	Jan. 2008
INTERNET APPLICATIONS - LAB	050	025	045	Jan. 2008
IV Semester :				
UNIX NETWORK PROGRAMMING	100	040	069	May 2008
ADVANCED JAVA	100	040	071	May 2008
SOFTWARE ENGINEERING - II	100	040	075	May 2008
DATA WARE HOUSING & MINING	100	040	068	May 2008
PRINCIPLES AND PRACTICE OF MANAGEMENT	100	040	059	May 2008
NETWORK PROGRAMMING LAB	050	025	043	May 2008
ADVANCED JAVA LAB	050	025	045	May 2008
MINI PROJECT ON DATABASES	050	025	046	May 2008
V Semester :				
CRYPTOGRAPHY & NETWORK SECURITY	100	040	065	Dec. 2008
ARTIFICIAL INTELLIGENCE	100	040	062	Dec. 2008
WEB & VISUAL PROGRAMMING	100	040	072	Dec. 2008
E-COMMERCE	100	040	071	Dec. 2008
DISTRIBUTED OPERATING SYSTEMS	100	040	066	Dec. 2008
GUI PROGRAMMING LAB	050	025	048	Dec. 2008
SOFTWARE TESTING LAB	050	025	046	Dec. 2008
ADVANCED WEB PROGRAMMING LAB	050	025	047	Dec. 2008
VI Semester :				
INDUSTRY PROJECT	150	060	140	May 2009

TOTAL : **2554** *(TWO THOUSAND FIVE HUNDRED AND FIFTY FOUR)*

DIVISION : **FIRST WITH DISTINCTION**
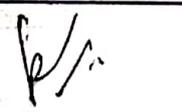
SECTION-IN-CHARGE   SUPDT./ASST. REG.   CONTROLLER OF EXAMINATIONS

Kakatiya University

Warangal - 506 009 (A. P.) India

PROVISIONAL CERTIFICATE

088

No. 121182   Date : 25-06-2009

This is to certify that _____ USHACHITRA KANDALA _____

Son/ Daughter of _____ JANRDHANRAO _____

has passed the _____ MASTER OF COMPUTER APPLICATIONS _____ examination of

this University, held in _____ MAY, 2009 _____, with Roll no. _____ 0708810054 _____

and that he/she was placed in _____ FIRST DIVISION WITH DISTINCTION _____

He/She was examined in the following

for Registrar
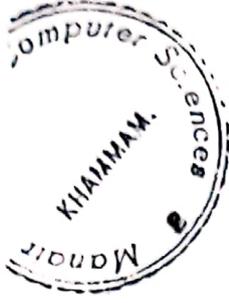
MANAIR COLLEGE OF COMPUTER SCIENCES
KHAMMAM A.P.

Regular MCA Programme
Affiliated to Kakatiya University

No. 74/2004/MCA/54   Date : 23/7/09

TRANSFER CERTIFICATE

1.	Student's Name	: KANDALA USHA CHITRA
2.	Father's Name	: JANARDHAN RAO
3.	Date of Birth	: 27-7-1986
4.	Date and Class at the time of admission in the institution	: MCA Ist year-2006
5.	Date and Class at the time of leaving the institution	: MCA IIIrd year-2009
6.	Dues	: — NIL —
7.	Conduct	: SATISFACTORY
8.	General Remarks	: — NIL —

SECRETARY

PRINCIPAL

PRINCIPAL
Manair College of Computer Science
KHAMMAM, A.P.

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs._____Usha Chitra . T_____ is employed as (Designation) _____Teacher_____in the (Department/Division Name) _Sanghamitra School_ of (Institution/Industry   Name)

_____

We have no objection in forwarding his/her application for the Ph. D Research Programme

FOR FULL TIME :

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from

duty from _____ to _____ to undertake the full time research work in the University.

FOR PART TIME :

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.
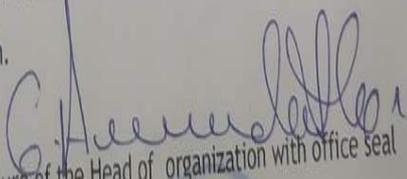
Signature of the Head of organization with office seal

Date : 5/6/20

భారత ప్రభుత్వం
Unique Identification Authority of India
Government of India

నమోదు సంఖ్య / Enrollment No.: 1434/59008/08093

To
తోట ఉష చిత్ర
Thota Usha Chitra
W/O Thota Murali Krishna
G4, Satish Paradise Road No 6-a,
Srirangapuram(Bhandari Layout)
Near Chowdari Super Market Nizampet
Nizampet
Nizampet
Qutubullapur K.v. Rangareddy
Telangana 500090
7095015305

08/05/2012

91941461

MD919414613FH

మీ ఆధార్ సంఖ్య / Your Aadhaar No. :

8581 4574 4510

నా ఆధార్, నా గుర్తింపు

- ✂ - -

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Government of India

తోట ఉష చిత్ర
Thota Usha Chitra
పుట్టిన తేదీ / DOB : 27/07/1986
స్త్రీ / Female

8581 4574 4510

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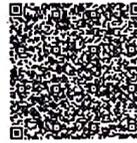
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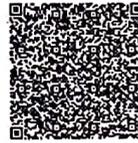
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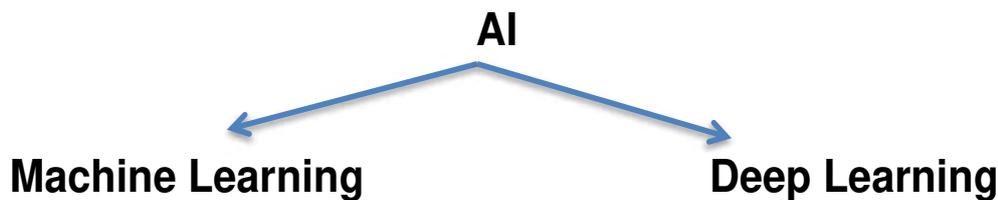8581 4574 4510

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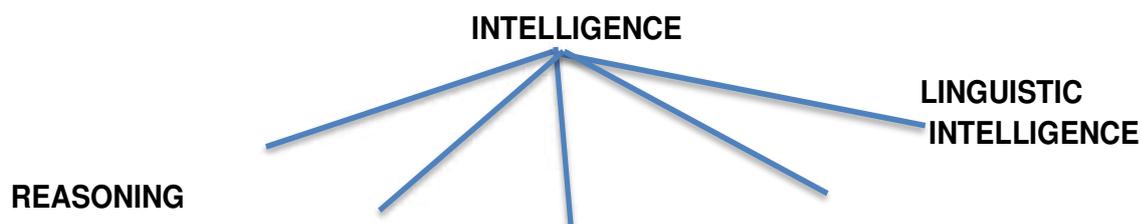**KNOWLEDGE**: Train machine to tough implementation

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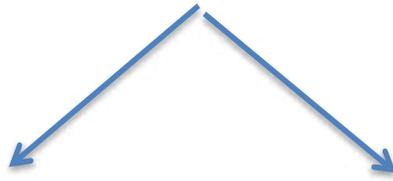
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LEARNING   **PROBLEMSOLVING**

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                                             A I

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