



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:23-12-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202020184
Area of Research	DATA SCIENCE	Research Mode	PART TIME

Name :THANDU NAGARAJU
Date of Birth / Age :11-06-1990 / 30 Years
Gender :MALE
Category :OBC
e-Mail ID :tnr.mtech@gmail.com
Mobile :9603571155



Father's/Husband's Name	RAMULU	Father's/Husband's Occupation	FARMER
Family Income	90000	Residential Type	RURAL
Birth Place	NAKREKAL	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	656762270607	PAN No.	AQHPT7241H
Physically Challenged	NO	Type of Disability	-

Address for Communication: 3-25 SHIVALAYAM STREET NAKREKAL NAKREKAL DISTRICT TELANGANA INDIA Pin-508211	Permenant Address: 3-25 SHIVALAYAM STREET NAKREKAL NAKREKAL DISTRICT TELANGANA INDIA Pin-508211
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Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.TECH	CSE	JNTUH/MITS KODAD	2012	69	1	REGULAR
M.TECH	IT	JNTUH/ASTRA BANDLAGUDA	2014	72	1	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
CMRIT	ASSISTANT PROFESSOR	2015-06-29	2020-12-23	TEACHING

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020184_201225124124	VHMP9593392034	25-12-2020	600	SUCCESS

AI moderation of chatbot

ChatBot can be known as tool that can interact with human using artificial intelligence. These AI tools are used to perform tasks such as quickly responding to users, informing them, helping to purchase products and providing better service to customers. In this research, my focus on the working principle and the concepts of artificial intelligence based ChatBots and related concepts as well as their applications in various sectors such as telecommunication, banking, health, customer call centers, education and e-commerce. Additionally, the results of an example chabbot for donation service will be developed for education service provider and proves using the proposed architecture. An AI chatbot learns right from scratch through a process called "Deep Learning." In this process, the chatbot is created using machine learning algorithms. A deep learning chatbot learns everything from its data and human-to-human dialogue. The chatbot is trained to develop its own consciousness on the text, voice, image and you can teach it how to converse with people. Alternatively, you can teach the chatbot through movie dialogue or play scripts. However, a human-to-human conversation is the preferred way to create the best possible deep learning chatbot. Remember, the more data you have, the better the effectiveness of machine learning will be.

My Research is about efficient AI Based chat board with more data inputs and less time processing, Minimal human interference in the use of devices is the goal of our world of technology. ChatBots can reach out to a broad audience on messaging apps and be more effective than humans are. At the same time, they may develop into a capable information-gathering tool. They provide significant savings in the operation of customer service departments. With further development of AI and machine learning, somebody may not be capable of understanding whether he talks to a chatbot or a real-life agent. I consider that this research provides useful information about the basic principles of chatbots. Users and developers can have a more precise understanding of chatbots and get the ability to use and create them appropriately for the purpose they aim to operate. Further my work of this research would be exploring in detail existing chatbot platforms and compare them. It would also be interesting to examine the degree of ingenuity and functionality of current chatbots. Some ethical issues relative to chatbots would be worth studying like abuse and deception, as people, on some occasions, believe they talk to real humans while they are talking to chatbots.

The requirements for designing a chatbot include accurate knowledge representation, an answer generation strategy, and a set of predefined neutral answers to reply when user utterance is not understood. Many commercial and open-source options are available for the development of a chatbot. The number of chatbot-related technologies is already overwhelming and growing each day. Chatbots are developed in two ways: using any programming language like Java, Clojure, Python, C++, PHP, Ruby, and Lisp or using state-of-the-art platforms. All these platforms are supported by machine learning. They share some standard functionality (they are cloud-based, they support various programming and natural languages) but differ significantly in other aspects.

References

1. Eishvak Sengupta, Dhruv Garg, Tanupriya Choudhury, Archit Aggarwal, "Techniques to Eliminate Human Bias in Machine Learning", *System Modeling & Advancement in Research Trends (SMART) 2018 International Conference on*, pp. 226-230, 2018.
2. Satyendra Praneel Reddy Karri, B. Santhosh Kumar, "Deep Learning Techniques for Implementation of Chatbots", *Computer Communication and Informatics (ICCCI) 2020 International Conference on*, pp. 1-5, 2020.
3. Sangeeta Kumari, Zaid Naikwadi, Akshay Akole, Purushottam Darshankar, "Enhancing College Chat Bot Assistant with the Help of Richer Human Computer Interaction and Speech Recognition", *Electronics and Sustainable Communication Systems (ICESC) 2020 International Conference on*, pp. 427-433, 2020.
4. Thanh Vo Nhu, Hideyuki Sawada, "Development of Vietnamese Voice Chatbot with Emotion Expression", *Micro-NanoMechatronics and Human Science (MHS) 2018 International Symposium on*, pp. 1-7, 2018.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 700629



H.T No.: **12D91D4007**

College Code : D9 (A S T R A, BANDLAGUDA)

Mr. Thandu Nagaraju
S/o. Thandu Ramulu

having fulfilled the academic requirements and passed the examination held during *October, 2014* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

Master Of Technology
Information Technology

Given under the Seal of the University

Date:02-03-2017



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR

CMM No
20210001970



460021039199

PC No
30210002016



CMM. No.: C0544879

Serial No.: 20210001970

Name : THANDU NAGARAJU

Hall Ticket No.: 12D91D4007

Year of Admission : 2012-2013

Class Awarded : FIRST CLASS WITH DISTINCTION

Month & Year of Final Exam : October, 2014

Name of the College : ASTRABANDLAGUDA



S.No	SUBJECT TITLE			Pass(P)/ Fail(F)
	Maximum Marks in Theory	Maximum Marks in Lab	Total Marks	
40	60	40	100	100

I SEMESTER

1	ADVANCED PROBLEM SOLVING	33	38	71	P
2	COMPUTER SYSTEM DESIGN	23	31	54	P
3	JAVA & WEB TECHNOLOGIES	35	24	59	P
4	HIGH SPEED NETWORKS	28	34	62	P
5	LINUX PROGRAMMING	34	31	65	P
6	INFORMATION RETRIEVAL SYSTEMS	36	45	81	P
7	ADVANCED PROBLEM SOLVING & WEB TECHNOLOGIES LAB	33	52	85	P
8	SEMINAR	42	-	42	P

II SEMESTER

1	ADHOC AND SENSOR NETWORKS	27	34	61	P
2	WEB SERVICES	32	32	64	P
3	INFORMATION SECURITY	29	45	74	P
4	NETWORK PROGRAMMING	31	33	64	P
5	MOBILE COMPUTING	31	40	71	P
6	INTERNETWORKING WITH TCP / IP	33	43	76	P
7	WEB SERVICES & INFORMATION SYSTEM SECURITY LAB	40	58	98	P
8	SEMINAR - II	45	-	45	P

III SEMESTER

1	COMPREHENSIVE VIVA - VOCE	-	90	90	P
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IV SEMESTER

1	PROJECT WORK*	-	B	-	P
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(* A - Excellent, B - Good, C - Satisfactory, D - Un Satisfactory)

Aggregate Marks Secured : 1162 OUT OF 1600 (72.62%)

Date of Issue :

November 24, 2014
(see overleaf for Rules concerned to award of class)

(*Courses registered but not counted for calculation of aggregate)



CONTROLLER OF EXAMINATIONS

(Signature)



Aurora's Scientific, Technological and Research Academy

(Formerly Sant Samarth Engineering College)

(Approved by AICTE, Recognised by Govt. of A.P. & Affiliated to JNT University)

Bandlaguda, Hyderabad-500 005. Ph : 64573435, 24440348



TRANSFER CERTIFICATE

T.C.No. **682**

Date of Issue : 12-12-2014 Admn. No. : 12D91D4007

1. Name of the student : Thandu Nagaraju
2. Name of the Parent/Guardian : Thandu Ramulu
3. (a) Nationality : Indian
- (b) Religion : Hindu
4. Date of birth as per SSC Certificate : 11-06-1990
(in words) One one - zero six
one Nine Nine zero
5. Whether the candidate belongs to reserved category (SC/ST/BC) and in receipt of scholarship : BC-B
6. Mother Tongue : Telugu
7. Class and year in which the student was admitted with date : M.Tech. IT-I - 2012
8. Class and year in which the student was studying at the time of leaving the Academy : M. Tech - IT - II - 2014
9. Date on which the student left the Academy : October, 2014
10. Conduct : Satisfactory.

Office in-charge

Administrative Officer

DIRECTOR
Aurora's Scientific, Technological &
Research Academy
Bandlaguda, Hyderabad-500 005

APPOINTMENT ORDER

Date: 11-06-2015

To
Mr.T.Nagaraju,
H.No 3-25,
Shivalayam street,
Nakrekalmandal,
Nalgonda-508 211.
Dear Sir / Madam,

Sub: CMRIT - Appointment order for the position of Assistant Professor -Reg.

Ref: Proceedings of the Selection Committee, dated: **05-04-2015**.

On the recommendation of selection committee, the Management is glad to offer you the position of **Asst. Professor** in the **Department of CSE** with the pay scale of **15600-39100 + AGP 6000** and starting basic pay of **Rs.21,600/-** per month, subject to the following terms and conditions:

1. The above scale carries usual allowances admissible by the Institution / Affiliating University.
2. You shall be on probation for a period of **two** years in case of starting cadre / **one** year in case of senior cadre with effect from the date of joining.
3. You should report to the Principal on or before **01.07.2015**, failing which the appointment is liable to be cancelled.
4. You should perform duties / work assigned by the HOD / Principal from time to time. You are required to shoulder any other responsibility connected with the college, assigned to you.
5. You should submit all original certificates such as qualifying education, experience, relieving orders, salary certificate from ex-employer, caste certificate if applicable, copy of PAN card and address proof, one set of Xerox copies along with two recent passport size photographs.
6. You shall be drawing the next increment after completion of **12 months** of satisfactory service. In addition to the terms and conditions of employment specifically stated here, you will also be governed by the rules, regulations and such other practices, system, procedures and policies framed, amended, modified or omitted by the institute from time to time.
7. You should update the college with any change in your address / marital status immediately. You should also submit the copies of the certificates of the Degree / Diploma on completion of any higher education/ qualification.
8. During the period of probation, the appointment can be relinquished with one month's notice from either side and after probation it will be three months notice from either side. However, term of notice period will be at the sole discretion of the Institution. Resignation will not be accepted during the academic session. It may be submitted on the last working day of the academic year i.e., **30th April**.
9. JNTUH ratification is mandatory for fulfillment of University norms.
10. Your services are transferable to any other Institution under CMRGI.

We welcome you to the Institution and expect your contribution to the growth of the organization.

Copy to:

1. Personal File
2. Establishment File
3. Accounts Officer

Yours faithfully,


Ch. Gopal Reddy
Secretary & Correspondent

Received

11/6/15

JOINING REPORT

From:
Mr.T.Nagaraju
H.NO 3-25,
SHIVALAYAM STREET
Nakrekal mandal
Nalgonda
508211

Date: 29.06.2015

To
The Principal
CMR Institute of Technology,
Kandlakoya, Medchal Road,
Hyderabad – 501 401.

Respected Sir,

Sub: Joining Report for the post of Assistant Professor in the Dept. of CSE - Reg.
Ref: Your appointment letter dated 11.06.2015.

With reference to the above subject, I am pleased to accept the offer and happy to join as a Assistant Professor in the Dept. of CSE of your esteemed organization from today i.e. 29.06.2015. I will obey the rules and regulations of the Institution and also perform my duties sincerely and honestly.

Thanking you Sir,

Yours faithfully,


1/29/6/15

Accepted



आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

THANDU NAGARAJU

RAMULU THANDU

11/06/1990

Permanent Account Number:

AQHPT7241H

Signature



PHOTOCOPY



INDIAN UNION DRIVING LICENCE
TELANGANA STATE

TS00520150010573

THANDU NAGARAJU

RAMULU

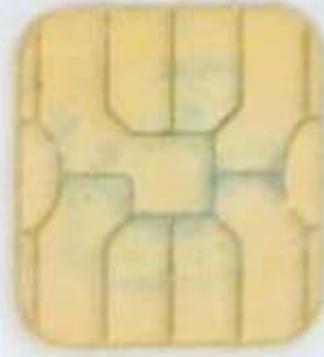
3-25

SHIVAJI STREET

NAKREKIAL

NAKREKAL

NALGONDA - 508211




Signature

Issued On: 17/10/2015

Licencing Authority
RTA NALGONDA



00AA 88372599

**GOVERNMENT OF ANDHRA PRADESH
REVENUE DEPARTMENT**

Application No



CGC123444110

Date : 14/12/2012

COMMUNITY , NATIVITY & DATE OF BIRTH CERTIFICATE

- 1.This is to certify that the Sri/Srimathi/Kumari **THANDU NAGARAJU** Son/Daughter of Sri. **RAMULU** of **NAKREKAL** village / Town of **Nakrekal** Mandal of **Nalgonda** District of the State Andhra Pradesh belongs to **Goud (BCB)** Community / Caste which is recognized as Backward Class under G.O.Ms No.1793, Education, dt.23.09.1970 as amended from time to time.
- 2.It is certified that the Sri/Srimathi/Kumari **THANDU NAGARAJU** is a native of **NAKREKAL** village / Town of **Nakrekal** Mandal of **Nalgonda** District of the State Andhra Pradesh.
- 3.It is certified that the place of Birth Sri/Srimathi/Kumari **THANDU NAGARAJU** is of **NAKREKAL** village / Town of **Nakrekal** Mandal of **Nalgonda** District of the State Andhra Pradesh.
- 4.It is certified that the Date of Birth Sri/Srimathi/Kumari **THANDU NAGARAJU** is **11** Day **June** Month **1990** Year (in words) **One One - June - One Nine Nine Zero** as per the declaration given by his/her Father/Mother/Guardian and as entered in the School records where he/she studied.

Certified By

Name : N Ananda Kumar

Designation : TAHSILDAR

Mandal : Nakrekal

Note: This is a Digitally Signed Certificate, doesnot require physical signature. And this certificate can be verified at <http://www.meeseva.gov.in/> by furnishing the application number mentioned in the certificate.

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