

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

"Jnana Sangama", Belagavi-560014, Karnataka



A PROJECT REPORT ON

**"AI BASED CHAT-BOT USING AZURE COGNITIVE SERVICES"**

*SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE*

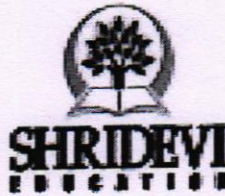
**BACHELOR OF ENGINEERING  
IN  
COMPUTER SCIENCE & ENGINEERING**

Submitted By

**JUNAID ULLA KHAN (1SV17CS018)  
GANYA KUMAR G R (1SV18CS017)  
KEERTHI PRASAD B K (1SV18CS021)  
LISHA SHREE NAYAKA S (1SV18CS024)**

Under the guidance of

**Mr. Basavesha D B.E., M.Tech.,**  
Assistant Professor, Dept. of CSE.



PRINCIPAL  
SIET, TUMAKURU

**Department of Computer Science and Engineering**

**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated To Visvesvaraya Technological University)

Sira Road, Tumakuru – 572 106, Karnataka.

2021-22





Sri Shridevi Charitable Trust (R.)  
**SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)  
Sira Road, Tumakuru - 572 108, Karnataka.

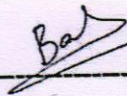


Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: http://www.shrideviengineering.org

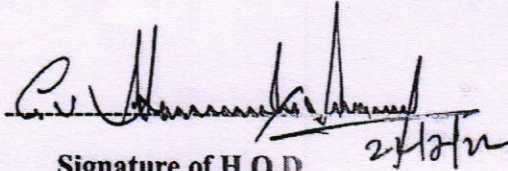
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**CERTIFICATE**

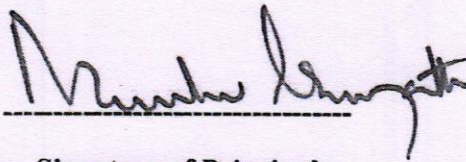
This is to certify that, the project entitled "AI BASED CHAT-BOT USING AZURE COGNITIVE SERVICES" has been successfully carried out by JUNAID ULLA KHAN [ISV17CS018], GANYA KUMAR G R [ISV18CS017], KEERTHI PRASAD B K [ISV18CS021], LISHA SHREE NAYAKA S [ISV18CS024], in partial fulfillment for the award of **Bachelor of Engineering in Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year **2021-22**. It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The project report has been approved as it certifies the academic requirements in respect of **Project work-II** prescribed for the Bachelor of Engineering Degree.

  
22/7/2022

**Signature of Guide**  
**Mr. Basavesh D** B.E., M.Tech.,  
Assistant Professor,  
Dept. of CSE,  
SIET, Tumakuru.

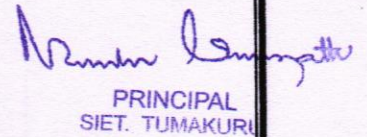
  
22/7/2022

**Signature of H.O.D**  
**Prof. Shanmukaswamy C V** B.E., M.E., MISTE,  
Associate Professor & HOD  
Dept. of CSE,  
SIET, Tumakuru.



**Signature of Principal**

**Dr. Narendra Viswanath** M.E., Ph.D., MIE, MISTE, MIWS., FIV.,  
Principal,  
SIET, Tumakuru

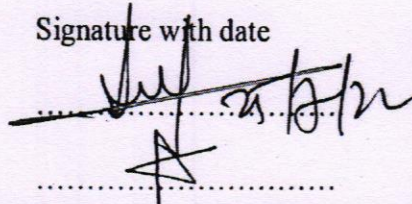
  
PRINCIPAL  
SIET, TUMAKURU

**External Viva**

Name of the Examiners

1. Shanmukaswamy C.V
2. Renukaandhya P.C

Signature with date

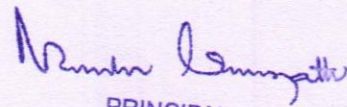
  
22/7/2022



## ABSTRACT

The usual way of finding information about any organization nowadays is to visit their website when you don't find the required information you may communicate your query to the organization through email or verbal means. To simplify the above process we are going to build a chatbot which is going to answer the frequently asked questions and general information about the organization.

We are going to build our chatbot using the azure platform, azure is a cloud computing platform which provides many services one such service is the azure cognitive services which enables us to add cognitive features to our applications without having AI or data science skills. QnA maker is one such cognitive service which we are going to use along with azure bot services to build our chatbot. We are going to deploy our chatbot to a website using azure web app to demonstrate the real world practical application of our project.

  
PRINCIPAL  
SIET., TUMAKURU.