

<b>Enroll No</b>

K.E. Society's  
**Rajarambapu Institute of Technology, Rajaramnagar**  
 (An Empowered Autonomous Institute, affiliated to SUK)  
**Mid-Sem Exam (MSE) (2025-26)**  
 Final Year B.Tech. CSE(AI&ML)

<b>Q.P. Code</b>
M 23

**Course Code:AI413**

**Course Name: (PE-III) Chatbot**

Day & Date: Thursday & 18/9/2025

Time: 3:15pm To 5:15

Max Marks- 50

- Instructions:**
- 1) All questions are compulsory.
  - 2) Figures in rounded ( ) brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
  - 3) CO is the index number of the Course Outcome statement.
  - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
  - 5) Assume suitable data if necessary.
  - 6) Use of non-programmable calculators is allowed

		Marks	BT Level	COs
Q.1	A Illustrate Term Chatbot With it's type?Also Explain use of conversational AI in Chatbot.	08	2	1
	B Describe architecture of Chatbot.And explain it's different application areas.	08	1	1
Q.2	A Illustrate application of tokenization technique in chatbot.Also explain types of tokenization.	08	3	2
	B Analyze following terms with example- 1. BOW 2. TF-IDF 3. NER	09	4	2
Q.3	A How Conversational Agents are used in chatbot explain with example.	08	4	3
	B Illustrate Intent recognition and classifiers with it's need.	09	3	3

