

SYLLABUS/
CURRICULUM



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018-2019

VACCSE1819CD- CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION, AND DEPLOYMENT

OBJECTIVE OF THE COURSE:

- The main purpose of this course is to design pattern provides a general reusable solution for the common problems that occur in software design. The pattern typically shows relationships and interactions between classes or objects.
- The objective is to gain a deep understanding of various design patterns available in chatbot Development.

CHAPTER 1

Introduction to Chatbots- Understanding the concept of chatbots- Historical development and evolution- Types of chatbots: rule-based, AI-based, etc.Design Principle- User experience (UX) design for chatbots- Conversational design principles- Persona creation and script writing

CHAPTER 2

Implementation Technologies- Programming languages: Python, JavaScript, etc.- Frameworks and libraries: TensorFlow, PyTorch, Dialogflow, etc.- Natural Language Processing (NLP) basics

CHAPTER 3

Building Rule-based Chatbots- Understanding intents and entities- Rule-based chatbot development using frameworks like Rasa

CHAPTER 4

AI-based Chatbots- Introduction to machine learning for chatbots- Training chatbots using supervised and unsupervised learning- Implementing neural networks for conversational

CHAPTER 5

Deployment and Integration- Hosting options: cloud platforms, on-premises, etc.- Integrating chatbots with messaging platforms like Slack, Facebook Messenger, etc.- Continuous integration and deployment (CI/CD) pipelines for chatbots

CHAPTER 6

Monitoring and Maintenance- Performance metrics for chatbots- Error handling and debugging- Iterative improvement strategies

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OUTCOMES:

- Upon completion of the course the students will able to understand chatbot development.
- Students can able to get the basic knowledge on design patterns in working function.
- Students can able to trouble shoot and able to find the solution the minor problems.

COURSE COORDINATOR

HOD/CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Academic Year 2018-2019

VACCSE1819CD - CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION, AND DEPLOYMENT

COURSE SCHEDULE

Date	Time	TOPICS
08.10.2018	9.00 am to 12.30 pm	Introduction to Chatbots- Understanding the concept of chatbots- Historical development and evolution- Types of chatbots: rule-based, AI-based, etc.Design
	1.00 pm to 5.00 pm	Principle- User experience (UX) design for chatbots- Conversational design principles- Persona creation and script writing
09.10.2018	9.00 am to 12.30 pm	Implementation Technologies- Programming languages: Python, JavaScript, etc.- Frameworks and libraries: TensorFlow, PyTorch, Dialogflow, etc.- Natural Language
	1.00 pm to 5.00 pm	Processing (NLP) basics
10.10.2018	9.00 am to 12.30 pm	Building Rule-based Chatbots- Understanding intents and entities- Rule-based chatbot development using frameworks like Rasa.
	1.00 pm to 5.00 pm	
11.10.2018	9.00 am to 12.30 pm	AI-based Chatbots- Introduction to machine learning for chatbots- Training chatbots using supervised and unsupervised learning- Implementing neural networks for conversational
	1.00 pm to 5.00 pm	
12.10.2018	9.00 am to 12.30 pm	Deployment and Integration- Hosting options: cloud platforms, on-premises, etc.- Integrating chatbots with messaging platforms like Slack, Facebook Messenger, etc.-
	1.00 pm to 5.00 pm	Continuous integration and deployment (CI/CD) pipelines for chatbots
13.10.2018	9.00 am to 12.30 pm	Monitoring and Maintenance- Performance metrics for chatbots- Error handling and debugging- Iterative improvement strategies
	1.00 pm to 5.00 pm	

Total Hours :35

Tea Break : 10:40 am to 10:55am & 02:45 pm to 15:00 pm

Lunch Break : 12:30pm to 01:00pm


COURSE COORDINATOR


HOD/CSE


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018– 2019

One page Report

Name of the course : CHATBOT DEVELOPMENT: DESIGN, INPLEMENTATION,
AND DEPLOYMENT

Development Course Code :VACCSE1819CD

Course Coordinator :Mr. C.MANIKANDAN

Date/Duration : 08.10.18-13.10.18— 35 hours

I here affirm that the Second year students of strength 33 have been taught the value-added course title “CHATBOT DEVELOPMENT: DESIGN, INPLEMENTATION, AND DEPLOYMENT” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “CHATBOT DEVELOPMENT: DESIGN, INPLEMENTATION, AND DEPLOYMENT” has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

Mr. C. MANIKANDAN.,

AP/CSE

Course Co-Ordinator

Dr.A.Askarunisa .,

PROF/CSE

Head of the Department

Dr.R.Raja

Principal

PSYEC

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ASSESSMENT PROCEDURE



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018-2019

VACCSE1819CD - CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION, AND DEPLOYMENT

Assessment Questions with Answer

1. What is the primary purpose of a chatbot?
 - A) Entertainment
 - **B) Assistance**
 - C) Communication
 - D) Shopping
2. Which programming language is commonly used for chatbot development?
 - A) Java
 - **B) Python**
 - C) C++
 - D) Ruby
3. What does NLP stand for?
 - **A) Natural Language Processing**
 - B) Network Layer Protocol
 - C) New Linguistic Patterns
 - D) Neuro-Linguistic Programming
4. Name one cloud platform commonly used for hosting chatbots.
 - **A) Azure**
 - B) Google Sheets
 - C) Dropbox
 - D) Instagram
5. What is the purpose of a CI/CD pipeline in chatbot development?
 - A) Customer Interaction/Communication Diagram
 - **B) Continuous Improvement/Continuous Deployment**
 - C) Chatbot Integration/Cloud Deployment
 - D) Coding Iteration/Content Development

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6. How can user feedback be utilized to enhance chatbot performance?

- A) Ignored
- **B) Integrated**
- C) Interrupted
- D) Investigated

7. Why is it important for chatbots to adapt to changing user needs over time?

- **A) Relevance**
- B) Reputation
- C) Redundancy
- D) Resistance

8. What are the two main types of chatbots?

- A) Humanoids and Cyborgs
- B) Biological and Mechanical
- **C) Rule-based and AI-based**
- D) Fictional and Non-fictional

9. Name one popular framework for building rule-based chatbots.

- A) TensorFlow
- B) PyTorch
- **C) Rasa**
- D) Scikit-learn

10. Which machine learning approach is commonly used for training AI-based chatbots?

- **A) Supervised Learning**
- B) Unsupervised Learning
- C) Reinforcement Learning
- D) Semi-supervised Learning

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-2020

VACCSE1819CD -CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION, AND DEPLOYMENT

Assessment Test Paper

REGISTER NUMBER: 912017104040

NAME OF THE STUDENT: Yashini . J. K

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- D) Shopping

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- A) Customer Interaction/Communication Diagram
- B) Continuous Improvement/Continuous Deployment
- C) Chatbot Integration/Cloud Deployment
- D) Coding Iteration/Content Development

6. How can user feedback be utilized to enhance chatbot performance?

- A) Ignored
- B) Integrated

9
10



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- C) Interrupted

- D) Investigated

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- C) Redundancy

- D) Resistance

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- A) Supervised Learning

- B) Unsupervised Learning

- C) Reinforcement Learning

- D) Semi-supervised Learning

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT PERFORMANCE SHEET

Academic Year : 2018-2019

Course Code : VACCSE1819CD

Course Name : Chatbot Development: Design, Implementation, and Deployment

Duration of hours : 35

Period of Course : 08.10.18-13.10.18

Sl.No	Register Number	Student Name	Mark
1	912017104001	ABINAYA R.	78
2	912017104002	ARAVIND KUMAR K.	72
3	912017104003	AYYAPPA RAJA S.	68
4	912017104004	BALAJI S.	89
5	912017104005	CHARULEKHA A.	70
6	912017104007	DINESH S.	90
7	912017104008	KAMALAKANNAN M.	98
8	912017104011	LINGESHWARAN M.	82
9	912017104012	MAHESWARI S.	92
10	912017104013	MAHESWARI S.	83
11	912017104014	MALATHI M.	84
12	912017104017	MATHAN KUMAR T.	87
13	912017104018	MUGESHKANNAN M.	86
14	912017104019	NAGARAJAN C.	93
15	912017104021	NITHEES KUMAR.K	96
16	912017104022	PAVITHRA T.	92
17	912017104023	PRAVEEN P.	98
18	912017104024	RAGUL M.	86
19	912017104025	RASIKA.K	99
20	912017104026	RAMALAKSHMI G.	79
21	912017104027	RAMYA R.	76

22	912017104028	SAKTHI K.	93
23	912017104030	SANTHIYA S	82
24	912017104031	SARANYA M.	94
25	912017104032	SARATHAPRIYA G.	74
26	912017104033	SURYADHARSHINI G.	96
27	912017104034	SWETHA.S	79
28	912017104035	VALLARASU K.	94
29	912017104036	VEERAKUMAR A.	82
30	912017104037	VETRI SHANMUGI G.	86
31	912017104038	VIJAY S.	87
32	912017104039	VIJAYATHARSHINI T.	89
33	912017104040	YAZHINI J.K	98

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COURSE COORDINATOR

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Enrollment
Student Name
List

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT REGISTRATION SHEET

Academic Year : 2018-2019
Course Code : VACCSE1819CD
Course Name : Chatbot Development: Design, Implementation, and Deployment
Duration of hours : 35
Period of Course : 08.10.18-13.10.18

ENROLLED STUDENTS LIST			Signature
Sl.NO	Register Number	Student Name	
1	912017104001	ABINAYA R.	Abinaya R
2	912017104002	ARAVIND KUMAR K.	Aravind
3	912017104003	AYYAPPA RAJA S.	Ayyappa
4	912017104004	BALAJI S.	S. Balaji
5	912017104005	CHARULEKHA A.	Charulekha A.
6	912017104007	DINESH S.	Dinash S
7	912017104008	KAMALAKANNAN M.	K. K.
8	912017104011	LINGESHWARAN M.	Lingeswaran M.
9	912017104012	MAHESWARI S.	M. S.
10	912017104013	MAHESWARI S.	Maheshwari S.
11	912017104014	MALATHI M.	M. M.
12	912017104017	MATHAN KUMAR T.	Mathan kumar
13	912017104018	MUGESHKANNAN M.	Mugeshkannan M.
14	912017104019	NAGARAJAN C.	Nagarajan C.
15	912017104021	NITHEES KUMAR.K	Nithees

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16	912017104022	PAVITHRA T.	T. Pavithra.
17	912017104023	PRAVEEN P.	P. Praveen.
18	912017104024	RAGUL M.	Ragul. M
19	912017104025	RASIKA.K	Rasika
20	912017104026	RAMALAKSHMI G.	Ramalakshmi G.
21	912017104027	RAMYA R.	R. Ramya.
22	912017104028	SAKTHI K.	Sakthi. K
23	912017104030	SANTHIYA S	Santhiya
24	912017104031	SARANYA M.	Saranyam.
25	912017104032	SARATHAPRIYA G.	Sarathapriya G.
26	912017104033	SURYADHARSHINI G.	Suryadharshini G.
27	912017104034	SWETHA.S	Swetha
28	912017104035	VALLARASU K.	K. Vallarasu.
29	912017104036	VEERAKUMAR A.	A. Veerakumar.
30	912017104037	VETRI SHANMUGI G.	Vetri Shanmugiy G.
31	912017104038	VIJAY S.	Vijay. S
32	912017104039	VIJAYATHARSHINI T.	T. Vijayatharshini
33	912017104040	YAZHINI J.K	YAZHINI J. K

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COURSE COORDINATOR

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STUDENTS ATTENDANCE

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2018-2019
Course Code : VACCSE1819CD
Course Name : Chatbot Development: Design, Implementation, and Deployment
Duration of hours : 35
Period of Course : 08.10.18-13.10.18

Attendance Sheet			Date: 08/10/2018					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA
2	912017104002	ARAVIND KUMAR K.	Arav	Arav	Arav	Arav	Arav	Arav
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	S. Balaji	S. Balaji	S. Balaji	S. Balaji	S. Balaji	S. Balaji
5	912017104005	CHARULEKHA A.	Chf	Chf	Chf	Chf	Chf	Chf
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kaly	Kaly	Kaly	Kaly	Kaly	Kaly
8	912017104011	LINGESHWARAN M.	Ling	Ling	Ling	Ling	Ling	Ling
9	912017104012	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
10	912017104013	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
11	912017104014	MALATHI M.	Mal	Mal	Mal	Mal	Mal	Mal
12	912017104017	MATHAN KUMAR T.	Mat	Mat	Mat	Mat	Mat	Mat
13	912017104018	MUGESHKANNAN M.	Mu	Mu	Mu	Mu	Mu	Mu
14	912017104019	NAGARAJAN C.	Nag	Nag	Nag	Nag	Nag	Nag
15	912017104021	NITHEES KUMAR.K.	Nit	Nit	Nit	Nit	Nit	Nit
16	912017104022	PAVITHRA T.	Pav	Pav	Pav	Pav	Pav	Pav

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17	912017104023	PRAVEEN P.	P.P	P.P	P.P	P.P	P.P	P.P
18	912017104024	RAGUL M.	Rag	Rag	Rag	Rag	Rag	Rag
19	912017104025	RASIKA.K	R	R	R	R	R	R
20	912017104026	RAMALAKSHMI G.	Rj	Rj	Rj	Rj	Rj	Rj
21	912017104027	RAMYA R.	R.sany	R.sany	R.sany	R.sany	R.sany	R.sany
22	912017104028	SAKTHI K.	Skt	Skt	Skt	Skt	Skt	Skt
23	912017104030	SANTHIYA S	Santha	Santha	Santha	Santha	Santha	Santha
24	912017104031	SARANYA M.	M.Sany	M.Sany	M.Sany	M.Sany	M.Sany	M.Sany
25	912017104032	SARATHAPRIYA G.	S	S	S	S	S	S
26	912017104033	SURYADHARSHINI G.	Sj	Sj	Sj	Sj	Sj	Sj
27	912017104034	SWETHA.S	S	S	S	S	S	S
28	912017104035	VALLARASU K.	Vkt	Vkt	Vkt	Vkt	Vkt	Vkt
29	912017104036	VEERAKUMAR A.	Veera	Veera	Veera	Veera	Veera	Veera
30	912017104037	VETRI SHANMUGI G.	VS	VS	VS	VS	VS	VS
31	912017104038	VIJAY S.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
32	912017104039	VIJAYATHARSHINI T.	T.Vijay	T.Vijay	T.Vijay	T.Vijay	T.Vijay	T.Vijay
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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2	912017104002	ARAVIND KUMAR K.	Arav	Ar	Arav	Arav	Arav	Arav
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
5	912017104005	CHARULEKHA A.	Chf	Chf	Chf	Chf	Chf	Chf
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kaly	Kaly	Kaly	Kaly	Kaly	Kaly
8	912017104011	LINGESHWARAN M.	Lt	Lt	Lt	Lt	Lt	Lt
9	912017104012	MAHESWARI S.	MS	MS	MS	MS	MS	MS
10	912017104013	MAHESWARI S.	mahes	mahes	mahes	mahes	mahes	mahes
11	912017104014	MALATHI M.	Ml	Ml	Ml	Ml	Ml	Ml
12	912017104017	MATHAN KUMAR T.	mt	mt	mt	mt	mt	mt
13	912017104018	MUGESHKANNAN M.	mk	mk	mk	mk	mk	mk
14	912017104019	NAGARAJAN C.	Nyc	Nyc	Nyc	Nyc	Nyc	Nyc
15	912017104021	NITHEES KUMAR.K	Ntk	Ntk	Ntk	Ntk	Ntk	Ntk
16	912017104022	PAVITHRA T.	Pvt	Pvt	Pvt	Pvt	Pvt	Pvt

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17	912017104023	PRAVEEN P.	PP	PP	PP	PP	PP	PP
18	912017104024	RAGUL M.	Ragun	Ragun	Ragun	Ragun	Ragun	Ragun
19	912017104025	RASIKA.K	Rasika	Rasika	Rasika	Rasika	Rasika	Rasika
20	912017104026	RAMALAKSHMI G.	Raj	Raj	Raj	Raj	Raj	Raj
21	912017104027	RAMYA R.	Ran	Ran	Ran	Ran	Ran	Ran
22	912017104028	SAKTHI K.	Sakt	Sakt	Sakt	Sakt	Sakt	Sakt
23	912017104030	SANTHIYA S	Santha	Santha	Santha	Santha	Santha	Santha
24	912017104031	SARANYA M.	Sani	Sani	Sani	Sani	Sani	Sani
25	912017104032	SARATHAPRIYA G.	Sf	Sf	Sf	Sf	Sf	Sf
26	912017104033	SURYADHARSHINI G.	SD-G	SD-G	SD-G	SD-G	SD-G	SD-G
27	912017104034	SWETHA.S	S	S	S	S	S	S
28	912017104035	VALLARASU K.	Vanf	Vanf	Vanf	Vanf	Vanf	Vanf
29	912017104036	VEERAKUMAR A.	Veera	Veera	Veera	Veera	Veera	Veera
30	912017104037	VETRI SHANMUGI G.	VS-G	VS-G	VS-G	VS-G	VS-G	VS-G
31	912017104038	VIJAY S.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
32	912017104039	VIJAYATHARSHINI T.	Vij	Vij	Vij	Vij	Vij	Vij
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

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C. Man
COURSE COORDINATOR

HOD/CSE

PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2018-2019
 Course Code : VACCSE1819CD
 Course Name : Chatbot Development: Design, Implementation, and Deployment
 Duration of hours : 35
 Period of Course : 08.10.18-13.10.18

Attendance Sheet			Date: 10/10/2018					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA
2	912017104002	ARAVIND KUMAR K.	Arav	Arav	Arav	Arav	Arav	Arav
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	S. Balaji	S. Balaji	S. Balaji	S. Balaji	S. Balaji	S. Balaji
5	912017104005	CHARULEKHA A.	Chf	Chf	Chf	Chf	Chf	Chf
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kmf	Kmf	Kmf	Kmf	Kmf	Kmf
8	912017104011	LINGESHWARAN M.	Lf	Lf	Lf	Lf	Lf	Lf
9	912017104012	MAHESWARI S.	MS	MS	MS	MS	MS	MS
10	912017104013	MAHESWARI S.	Mahar	Mahar	Mahar	Mahar	Mahar	Mahar
11	912017104014	MALATHI M.	Malathi	malathi	malathi	malathi	malathi	malathi
12	912017104017	MATHAN KUMAR T.	Mathan	mathan	mathan	mathan	mathan	mathan
13	912017104018	MUGESHKANNAN M.	Mk	mk	mk	mk	mk	Mk
14	912017104019	NAGARAJAN C.	Nyg	Nyg	Nyg	Nyg	Nyg	Nyg
15	912017104021	NITHEES KUMAR.K	Nk	Nk	Nk	Nk	Nk	Nk
16	912017104022	PAVITHRA T.	Pvf	Pvf	Pvf	Pvf	Pvf	Pvf

17	912017104023	PRAVEEN P.	P.P	P.P	P.P	P.P	P.P	P.P
18	912017104024	RAGUL M.	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul
19	912017104025	RASIKA.K	Ra	Ra	Ra	Ra	Ra	Ra
20	912017104026	RAMALAKSHMI G.	Ryf	Ryf	Ryf	Ryf	Ryf	Ryf
21	912017104027	RAMYA R.	Ranya	Ranya	Ranya	Ranya	Ranya	Ranya
22	912017104028	SAKTHI K.	K Sakthi	K Sakthi	K Sakthi	K Sakthi	K Sakthi	K Sakthi
23	912017104030	SANTHIYA S	Santhi	Santhi	Santhi	Santhi	Santhi	Santhi
24	912017104031	SARANYA M.	Sar	Sar	Sar	Sar	Sar	Sar
25	912017104032	SARATHAPRIYA G.	Sar	Sar	Sar	Sar	Sar	Sar
26	912017104033	SURYADHARSHINI G.	Surya	Surya	Surya	Surya	Surya	Surya
27	912017104034	SWETHA.S	Sw	Sw	Sw	Sw	Sw	Sw
28	912017104035	VALLARASU K.	Vat	Vat	Vat	Vat	Vat	Vat
29	912017104036	VEERAKUMAR A.	Veer	Veer	Veer	Veer	Veer	Veer
30	912017104037	VETRI SHANMUGI G.	VS.G	VS.G	VS.G	VS.G	VS.G	VS.G
31	912017104038	VIJAY S.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
32	912017104039	VIJAYATHARSHINI T.	Vij	Vij	Vij	Vij	Vij	Vij
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

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C. Man

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2018-2019

Course Code : VACCSE1819CD

Course Name : Chatbot Development: Design, Implementation, and Deployment

Duration of hours : 35

Period of Course : 08.10.18-13.10.18

Attendance Sheet			Date: 11/10/2018					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA
2	912017104002	ARAVIND KUMAR K.	Arav	Arav	Arav	Arav	Arav	Arav
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
5	912017104005	CHARULEKHA A.	Chf	Chf	Chf	Chf	Chf	Chf
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kaly	Kaly	Kaly	Kaly	Kaly	Kaly
8	912017104011	LINGESHWARAN M.	Lsf	Lsf	Lsf	Lsf	Lsf	Lsf
9	912017104012	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
10	912017104013	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
11	912017104014	MALATHI M.	Maly	Maly	Maly	Maly	Maly	Maly
12	912017104017	MATHAN KUMAR T.	Mny	Mny	Mny	Mny	Mny	Mny
13	912017104018	MUGESHKANNAN M.	Mng	Mng	Mng	Mng	Mng	Mng
14	912017104019	NAGARAJAN C.	Nly	Nly	Nly	Nly	Nly	Nly
15	912017104021	NITHEES KUMAR.K	Nly	Nly	Nly	Nly	Nly	Nly
16	912017104022	PAVITHRA T.	Ply	Ply	Ply	Ply	Ply	Ply

17	912017104023	PRAVEEN P.	P.P	P.P	P.P	P.P	P.P	P.P
18	912017104024	RAGUL M.	Ragur	Ragur	Ragur	Ragur	Ragur	Ragur
19	912017104025	RASIKA.K	Raf	Raf	Raf	Raf	Raf	Raf
20	912017104026	RAMALAKSHMI G.	Raf	Raf	Raf	Raf	Raf	Raf
21	912017104027	RAMYA R.	Ranf	Ranf	Ranf	Ranf	Ranf	Ranf
22	912017104028	SAKTHI K.	srx	srx	srx	srx	srx	srx
23	912017104030	SANTHIYA S	Srfi	Srfi	Srfi	Srfi	Srfi	Srfi
24	912017104031	SARANYA M.	S	S	S	S	S	S
25	912017104032	SARATHAPRIYA G.	Sf	Sf	Sf	Sf	Sf	Sf
26	912017104033	SURYADHARSHINI G.	St	St	St	St	St	St
27	912017104034	SWETHA.S	S	S	S	S	S	S
28	912017104035	VALLARASU K.	Vanf	Vanf	Vanf	Vanf	Vanf	Vanf
29	912017104036	VEERAKUMAR A.	Veeraf	Veeraf	Veeraf	Veeraf	Veeraf	Veeraf
30	912017104037	VETRI SHANMUGI G.	Vetnif	Vetnif	Vetnif	Vetnif	Vetnif	Vetnif
31	912017104038	VIJAY S.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
32	912017104039	VIJAYATHARSHINI T.	Vijayf	Vijayf	Vijayf	Vijayf	Vijayf	Vijayf
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

C. Naveen

COURSE COORDINATOR

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PRINCIPAL

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2018-2019
Course Code : VACCSE1819CD
Course Name : Chatbot Development: Design, Implementation, and Deployment
Duration of hours : 35
Period of Course : 08.10.18-13.10.18

Attendance Sheet			Date: 12/10/2018					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA
2	912017104002	ARAVIND KUMAR K.	Arav	Arav	Arav	Arav	Arav	Arav
3	912017104003	AYYAPPA RAJA S.	Ayya	Ayya	Ayya	Ayya	Ayya	Ayya
4	912017104004	BALAJI S.	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
5	912017104005	CHARULEKHA A.	Chf	Chf	Chf	Chf	Chf	Chf
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Kaly	Kaly	Kaly	Kaly	Kaly	Kaly
8	912017104011	LINGESHWARAN M.	Ling	Ling	Ling	Ling	Ling	Ling
9	912017104012	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
10	912017104013	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
11	912017104014	MALATHI M.	Mal	Mal	Mal	Mal	Mal	Mal
12	912017104017	MATHAN KUMAR T:	Math	Math	Math	Math	Math	Math
13	912017104018	MUGESHKANNAN M.	Mug	Mug	Mug	Mug	Mug	Mug
14	912017104019	NAGARAJAN C.	Nag	Nag	Nag	Nag	Nag	Nag
15	912017104021	NITHEES KUMAR.K	Nith	Nith	Nith	Nith	Nith	Nith
16	912017104022	PAVITHRA T.	Pav	Pav	Pav	Pav	Pav	Pav

17	912017104023	PRAVEEN P.	P.P	P.P	P.P	P.P	P.P	P.P
18	912017104024	RAGUL M.	Mragul	Mragul	Mragul	Mragul	Mragul	Mragul
19	912017104025	RASIKA.K	R	R	R	R	R	R
20	912017104026	RAMALAKSHMI G.	Rf	Rf	Rf	Rf	Rf	Rf
21	912017104027	RAMYA R.	Ranya	Ranya	Ranya	Ranya	Ranya	Ranya
22	912017104028	SAKTHI K.	Ksakti	Ksakti	Ksakti	Ksakti	Ksakti	Ksakti
23	912017104030	SANTHIYA S	S	S	S	S	S	S
24	912017104031	SARANYA M.	Sf	Sf	Sf	Sf	Sf	Sf
25	912017104032	SARATHAPRIYA G.	Sg	Sg	Sg	Sg	Sg	Sg
26	912017104033	SURYADHARSHINI G.	Sf	Sf	Sf	Sf	Sf	Sf
27	912017104034	SWETHA.S	S	S	S	S	S	S
28	912017104035	VALLARASU K.	Vf	Vf	Vf	Vf	Vf	Vf
29	912017104036	VEERAKUMAR A.	Veeruf	Veeruf	Veeruf	Veeruf	Veeruf	Veeruf
30	912017104037	VETRI SHANMUGI G.	Vetriuf	Vetriuf	Vetriuf	Vetriuf	Vetriuf	Vetriuf
31	912017104038	VIJAY S.	Svijay	Svijay	Svijay	Svijay	Svijay	Svijay
32	912017104039	VIJAYATHARSHINI T.	Vijayuf	Vijayuf	Vijayuf	Vijayuf	Vijayuf	Vijayuf
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

C. Nar

COURSE COORDINATOR

HOD/CSE

PRINCIPAL

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR-630561

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT ATTENDANCE SHEET

Academic Year : 2018-2019

Course Code : VACCSE1819CD

Course Name : Chatbot Development: Design, Implementation, and Deployment

Duration of hours : 35

Period of Course : 08.10.18-13.10.18

Attendance Sheet			Date: 13/10/2018					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017104001	ABINAYA R.	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA	ABINAYA
2	912017104002	ARAVIND KUMAR K.	Am	Am	Am	Am	Am	Am
3	912017104003	AYYAPPA RAJA S.	Am	Am	Am	Am	Am	Am
4	912017104004	BALAJI S.	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
5	912017104005	CHARULEKHA A.	Ch	Ch	Ch	Ch	Ch	Ch
6	912017104007	DINESH S.	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S	Dinesh S
7	912017104008	KAMALAKANNAN M.	Km	Km	Km	Km	Km	Km
8	912017104011	LINGESHWARAN M.	Lm	Lm	Lm	Lm	Lm	Lm
9	912017104012	MAHESWARI S.	Ms	Ms	Ms	Ms	Ms	Ms
10	912017104013	MAHESWARI S.	Mah	Mah	Mah	Mah	Mah	Mah
11	912017104014	MALATHI M.	Ml	Ml	Ml	Ml	Ml	Ml
12	912017104017	MATHAN KUMAR T.	Mt	Mt	Mt	Mt	Mt	Mt
13	912017104018	MUGESHKANNAN M.	Mug	Mug	Mug	Mug	Mug	Mug
14	912017104019	NAGARAJAN C.	Nc	Nc	Nc	Nc	Nc	Nc
15	912017104021	NITHEES KUMAR.K	Nk	Nk	Nk	Nk	Nk	Nk
16	912017104022	PAVITHRA T.	Pt	Pt	Pt	Pt	Pt	Pt

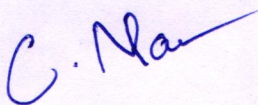
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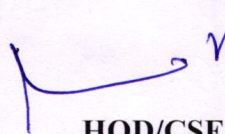
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17	912017104023	PRAVEEN P.	PP	PP	PP	PP	PP	PP
18	912017104024	RAGUL M.	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul
19	912017104025	RASIKA.K	Ra	Ra	Ra	Ra	Ra	Ra
20	912017104026	RAMALAKSHMI G.	Ram	Ram	Ram	Ram	Ram	Ram
21	912017104027	RAMYA R.	Ram	Ram	Ram	Ram	Ram	Ram
22	912017104028	SAKTHI K.	Sak	Sak	Sak	Sak	Sak	Sak
23	912017104030	SANTHIYA S	San	San	San	San	San	San
24	912017104031	SARANYA M.	Sar	Sar	Sar	Sar	Sar	Sar
25	912017104032	SARATHAPRIYA G.	Sar	Sar	Sar	Sar	Sar	Sar
26	912017104033	SURYADHARSHINI G.	Sur	Sur	Sur	Sur	Sur	Sur
27	912017104034	SWETHA.S	Sw	Sw	Sw	Sw	Sw	Sw
28	912017104035	VALLARASU K.	Vall	Vall	Vall	Vall	Vall	Vall
29	912017104036	VEERAKUMAR A.	Veera	Veera	Veera	Veera	Veera	Veera
30	912017104037	VETRI SHANMUGI G.	Vet	Vet	Vet	Vet	Vet	Vet
31	912017104038	VIJAY S.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
32	912017104039	VIJAYATHARSHINI T.	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
33	912017104040	YAZHINI J.K	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI	YAZHINI

Tea Break : FN- 11:00 am to 11:15am
AN-03:00 pm to 03:15 pm
Lunch Break : 12:15 pm to 01:00pm

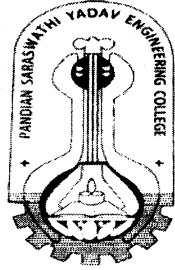

COURSE COORDINATOR


HOD/CSE


PRINCIPAL

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MODEL
CERTIFICATES



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

Value added course on
**CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION,
AND DEPLOYMENT**


Organized by
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

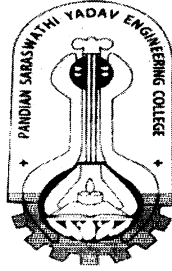
CERTIFICATE

This is to Certify that Mr/Ms.....*ABINAYA.:R*.....From *II/IV SEM*.....
has actively participated in the value-added course on **Chatbot Development: Design, Implementation and Deployment** organized by the Department of Computer Science and Engineering From 08.10.2018 – 13.10.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Dr.A.Askarunisa.,
HOD/CSE

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2024.06.27
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Dr.R.Raja
Principal



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.

Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

Value added course on
**CHATBOT DEVELOPMENT: DESIGN, IMPLEMENTATION,
AND DEPLOYMENT**

Organized by
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to Certify that Mr/Ms.....*RAGUL .M*.....From *II / IV SEM*....
has actively participated in the value-added course on **Chatbot Development: Design, Implementation and Deployment** organized by the Department of Computer Science and Engineering From 08.10.2018 – 13.10.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Dr.A.Askarunisa.,
HOD/CSE


R RAJA

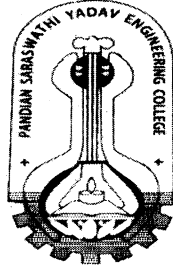
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Date: 2024.06.27

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Dr.R.Raja
Principal



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu -630 561

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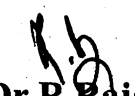
CERTIFICATE

This is to Certify that Mr/Ms.....*CHARULEKHA.A*.....From *II / III SEM*.....
has actively participated in the value-added course on **Chatbot Development: Design, Implementation and Deployment** organized by the Department of Computer Science and Engineering From 08.10.2018 – 13.10.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Dr.A.Askarunisa.,
HOD/CSE

R RAJA

Digitally signed by R RAJA
Date: 2024.06.27 15:37:38
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Dr.R.Raja
Principal