

Department of Computer Science and Information Technology

## **CERTIFICATE**

This is to certify that Miss. Kanchan D. Pathade, Miss. Snehal Patange, Mr. Vishwbhushan Jamnik, Mr. Parmeshwar Rathod She/he has successfully carried out the project report on "Department Android App" in class M.Sc.(CS)/Sem-IV during academic year-2017-2018.

Hence Certified.

Seat No .:- (50004022, C50004021, ITD004001

Date: - 30/05/2018

**Project Guide** 

Dr. Sunil S. Nimbhore

Passister: F10195001

Department of Computer Science Clufformation Technolog

Examiner: Er Bahasaheb Ambedikar Marethwada

University Aurangabad

Prof. Dr. Bharti W.Gawali

Dept. of Computer Science & Information Technology.
Or. Babasaheb Ambadkar Marathwade University, Aurangabad

Department of Computer Science & Information Technology



## CERTIFICATE

This is to certify that the project namely "SENTIMENT ANALYSIS OF SENTENCE IN RAPID MINER AND R-LANGUAGE" has been submitted successfully by Miss. Swapna M. Deshpande, as per the requirement of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, as the partial fulfilment for the award of the Master's Degree in Computer Science for the academic year 2017-18.

Project Guide

**Examiner** 

H.O.D.

Or. Babana kuth...

Dr. Bharti. W. Gawali.

University Automorphad

Dr.Sachin N. Deshmukh

nent of Computer Science & Information Technology

Or Sebaga No Ambedkar Harathy 4400 7 University, Aurangabad.

Date

30/05/18

(ander

#### Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad-431004 (MS), India

transfer of Computer Science and Information Technology



#### **CERTIFICATE**

	to ce	rtify	that	Mrs.	Giri	Dines	h B.,	Miss.	Patha	k Ani	ta R.,	Tiwari
	K.,	Jad	hav	Rashi	ni B.	has su	icces	sfully	comple	ted rep	ort or	a "Pilot
	Aut	tomat	tic D	isease	d Cro	ps Are	a Ma	rking	for an	Arial v	view c	aptured
7	Qua	d cop	ter"	for th	e part	ial fulf	illme	nt of N	A.Sc. C	ompute	er Scie	nce
	<b>z-</b> IV	7 <sup>th</sup> ) di	ıring	2017-	2018.	,						

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Lecture

Lef Computer Science & IT

A Municersity, Aurangabad Examiner

Bhart

Prof.Dr. Bharti W. Gawali HEAD

Dept. of Computer Science & Information Technology.

Or. Babasahab Ambadhar Marathwade

University, Aurangabad



#### **CERTIFICATE**

This is to certify that Miss. Chandrakala Ashokrao Kulkarni has successfully Completed Project on "AUDIO VISUAL BILINGUAL DICTIONARY FOR SANSKRIT AND MARATHI LANGUAGES", as the partial fulfillment Of M.sc. (Information Technology) Course for academic year [2017-2018]. This work has been carried out by her under our supervision and guidance. Hence certified.

Guide

Dr. Sonali B.Kulkarni

C. CHALLA

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a Wence a **it** Consider

Examiner

Head of Department

Prof.Bharti W.Gawali

Dept. of Computer Science & Information Technology.

Or. Babasahob Ambodhar Morathwade

University, Aurangabad



# DEPARTMENT OF COMPUTER SCIENCE AND IT DR. BABASAHEB AMBEDKAR MARTHWADA UNIVERSITY, AURANGABAD

## Certificate

This is to certify that the Dissertation titled

#### "Design and Development of Isolated Spoken Words Recognition System in Marathi Language"

has been successfully completed as a partial fulfillment of the requirements for the degree of Master of Computer Science in academic year 2017-2018

Ву

Ms. Bharate Bhagyashri Digambar (CSD004004) Mr. Chavan Gaju Shankar (CSD004005)

Prof. Dr. R. R. Deshmukh

Dr. Ratnadeep R. Deshmukh
Professor

Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)-431004, India Prof. Dr. B. W. Gawali Head of Department

HEAD

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwad-University, Aurangabad.

Date: Place:

#### Dr. Babasaheb Ambedkar Marathwada University, Aurangabad NAAC Reaccredited with "A" Grade **Department of Computer Science and Information Technology**



#### **CERTIFICATE**

This is to certify that,

Miss. Jagtap Renuka Dadasaheb

Jadhav Priyanka Navnath Miss.

Sontakke Sunita Dattu Miss.

Seat No.: CS D004014

Seat No.: C5D004012

Seat No.: C5 D004030

The students of this department have successfully completed the project report on

#### "Handwritten Character Recognition to Braille Representation"

As Partial fulfilment of the course M.Sc. (Computer Science) of Department of Computer Science And Information Technology, Dr. B. A. M. University Aurangabad, During the Academic Year 2017-2018.

Dr. C. Namrata Mahender

Dr. C. Namrata Mahende.

Asst, Professor

Dept. of Commutar Science & IT

Head of the Department Prof. Dr. B.W. Gawali

Dept. of Computer Science & Information Technology.

Or. Babasah se Ambedkar Marathwads University, Aurangabad.



#### Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

NAAC Reaccredited with "A" Grade

**Department of Computer Science and Information Technology** 

# **CERTIFICATE**

This is to certify that Mr. Robin Santosh Athawale, Mr. Sandip Bhadke they have successfully carried out the project report on "Face Recognition" in class M.Sc.(CS)/Sem-IV during academic year-2017-2018. Hence Certified.s

Seat No.:- (50006001

Seat No.:- C5D004003

Date: - 30-05-2018

Projeck

Prof. Dr. K.V. Kale

Dr. K.V. Kale

r. Babasaheb Ambedkar Marathwada University, Aurzngabed - 431004

Prof. Die Bhatti W Gawan

Or. Babasaineb Ambadkar Marathwade University, Aurangabad



#### Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

NAAC Reaccredited with "A" Grade

Department of Computer Science and Information Technology

# **CERTIFICATE**

This is to certify that Mr. Robin Santosh Athawale, Mr. Sandip Bhadke they have successfully carried out the project report on "Face Recognition" in class M. Sc. (CS)/Sem-IV during academic year-2017-2018.

Hence Certified.s

Seat No .:- (SD004001

Seat No .:- (51)004003

Date: - 30- 45-121/8

Project Guide

Prof. Dr. K.V. Kale

Dr. K.V. Kalo

Amil 12/18

Prof. Dr. Bharti W.Gawali

Christiana, Americano and



DEPARTMENT OF COMPUTER SCIENCE AND IT DR. BABASAHEB AMBEDKAR MARTHWADA UNIVERSITY, AURANGABAD

## Certificate

This is to certify that the Dissertation titled

#### "Design and Development of Isolated Spoken Words Recognition System in Marathi Language"

has been successfully completed as a partial fulfillment of the requirements for the degree of Master of Computer Science in academic year 2017-2018

By
Ms. Bharate Bhagyashri Digambar (CSD004004)
Mr. Chavan Gaju Shankar (CSD004005)

frof. Dr. R. R. Deshmukh

Guide Ratnadeep R. Deshmukh Professor

ment of Computer Science and IT, Sabasaheb Ambedkar Marathwada Sairy, Aurangabad (MS)-431004, India Prof. Dr. B. W. Gawali

Head of Department

HEAD

Dept. of Computer Science &

Information Technology.

Or. Beberohab Archaelian Marehwark

University, Aurangebard

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## Department of Computer Science and Information Technology



#### **CERTIFICATE**

This is to continue Mr. Frank h. Maketon and M. Stravan V. Deshpande has successfully a applicable person of the Santage Applicable Prepare Plans? for the post-of conference of the A. O. (Sone-see: His during The Erics).

Seat No. (1) TTD 00 4002

Seat No. (2) <u>C5D</u> 004006

Paper Code \_\_\_\_\_

Date

Guide

e Name of State of St

Ur (... Namentá Mahender Dr. C., Na**mrata Mahender** Asst. Professor 2011 of Computer Science & IT Diabasahab Ambedkar

List caive talky, Aurangebad - 431004.

Examiner

Hop:

Dr. Bharfi W. Gawali.

HEAD

Dept. of Gempuliar Science & Information Technology. Dr. Babaseheb Ambediac Marathwao

University, Automobiad

# Dr. Babasaheb Ambedkar Marathwada University, Aurangabad NAAC Reaccredited with "A" Grade Department of Computer Science and Information Technology



#### **CERTIFICATE**

This is to certify that,

Miss. Jagtap Renuka Dadasaheb

Miss. Jadhav Priyanka Navnath

Miss. Sontakke Sunita Dattu

Seat No.: CSDOC4014

Seat No.: C50004012

Seat No.: C5 D004030

The second of this department have successfully completed the project report on

\*Hardwritten Character Recognition to Braille Representation"

Aurangabad, During the Academic Year 2017-2018.

Guide

Namrata Mahender

Talo Mahende.

Head of the Department

Prof. Dr. B.W. Gawali

Dept. of Committer Science & Intransition Rectinglings.

Or Babaa in a say to discribing this math wade

University, Julian, ebad.



Department of Computer Science and Information technology

#### **CERTIFICATE**

This is to certify Miss.Kapleshwari Manjiri Krishna, Miss. Mhaske Kirti Ramrao Student of Department of Computer Science and Information Science, Dr. B.A.M.University, Aurangabad, Maharashtra have worked on project titled "Recognizing state of mind of a person: An Emotional Intelligence approach" under the guidance of Dr.Mukta Dhopeshwarkar (Department of Computer Science). They undertook this project from 2017-18 and it has been completed successfully.

S Mr.

Dr.Mukta Dhopeshwarkar

Guide
Dr. Mussa G. Dhopeshwarker
Asett. Professor
Dept. of Computer Science & IT
Dr. Bassochob Ambedkar Narathwada
University, Aurzngabad-431804.

Examiner

Prof. Bharti W Gawali

Head of Department **HEAD** 

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedikar Marathwada University, Aurangabad



Department of Computer Science and Information technology

#### <u>CERTIFICATE</u>

This is to certify Miss.Swami Pooja Nandkumar, Miss. Shendge Snehal Damodhar Student of Department of Computer Science and Information Science. Dr. B.A.M.University, Aurangabad, Maharashtra have worked on project titled "Personality Development: An Emotional Intelligence approach" under the guidance of Dr. Mukta Dhopeshwarkar (Department of Computer Science). They undertook this project from 2017-18 and it has been completed successfully.

Dr.Mukta Dhopeshwarkar

Prof. Bharti W Gawali

Guide

On Holes G. Die Trockinger für

AND THE PARTY

Department - General Fil Dr. Balaschen Ambodkar Narathweda

Merrerulty Aurangabad 431954

Head of Department

Dept. of Compaint Science & Information Totalogy.

Or. Babasaheb Andodkar Marathwas University, Aurangabad



Department of Computer Science and Information Technology

#### **CERTIFICATE**

This is to certify Mr. Nikalje Akshay Bhagwan & Miss. Naglot Vaishali Rajaram Students of Department of Computer Science and Information Technology, Dr. B. A. M. University, Aurangabad, Maharashtra have worked on project titled "Android App Medicare for Hospital Services" under the guidance of Dr. Kawathekar S. S. (Department of Computer Science and Information Technology). They undertook this project from 2017-18 and it has been completed successfully.

Dr. Kawathekar S. S.

Guide

Dr. Seema S. Kawathekar

Acest. Professor

Dept. of Computer Science & IT Br. Babasaheb Ambedkar Marathwada Buhersity, Aurangabad-431094. Examiner

Prof. Bharti W. Gawali

Head of Department

Dept. of Computer Science & Information Technology.

Or. Babaseineb Ambedier Marathwad University, Aurangabad



Department of Computer Science and Information Technology

#### **CERTIFICATE**

This is to certify Mr. Rathod Ishwar K. and Mr. Mehta Sagar P. Students of Department of Computer Science and Information Technology, Dr. B. A. M. University, Aurangabad, Maharashtra have worked on project titled "Leaf Disease Detection" under the guidance of Dr. Kawathekar S. S. (Department of Computer Science and Information Technology). They undertook this project from 2017-18 and it has been completed successfully.

Seat No.:- \_\_\_\_\_

Date:-

Dr. Kawathekar S. S.

Guide

Dr. Sesma S. Kawatilekar Asstt. Professor Dept. of Computer Science & IT Br. Babasheb Ambodkar Marathwada University, Autongabed-432004.

or control

Examiner

Prof. Bharti W. Gawali

Head of Department

Qept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwade University, Aurangabad



## Dr. Babasaheb Ambedkar Marathwada University,

#### **Aurangabad**

NAAC Reaccredited with "A" Grade

## Department of Computer Science and Information Technology

## **CERTIFICATE**

This is to certify that Miss. Snehal Ravishankar Patange She/he has successfully carried out the seminar report on "Motion capture" in class M.Sc.(CS)/Sem-IV during academic year-2017-2018.

Hence Certified.

Seat No.:- <u>(SD00402</u>)

Date: - 31 | 05 | 18

Project Guide

Dr. Sunil S. Nimbhore

Prof.Dr. Bhartin W. Gawali

Dept. of Computer Science & Information Technology.

or. Babasahab Ambadkar Marathwada University, Aurangabad.

Examiner

#### Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Department of Computer Science and Information Technology



## **CERTIFICATE**

This is to certify that Miss.Pawar Shraddha N., Mr. Labade Amardip V. She/he has successfully carried out the Project Dissertation(CSC554) on "Marathi Digit Recognition of Cerebral Palsy Person Using Automatic Speech Recognition(ASR)" in class M.Sc. (CS&IT)/Sem-IV<sup>th</sup> during academic year 2017-2018.

Hence Certified.

Seat No.:- <u>CSD004025</u>

Date: - 30/05/2018

Project Guide

Dr. Manasi R. Baheti Dr. Manasi R. Baheti

Asstt. Professor Dept. of Computer Science & IT Dr. Babasaheb Ambedkar Marathwada University, Aurangabad - 431 004.

Examiner

18 karti Head

Prof. Dr. Bharti W.Gawali

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwade University, Aurangabad

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Department of Computer Science and Information Technology



## **CERTIFICATE**

This is to certify that Miss. Pathak Prajakta Atul, Patil Ashwini Suresh, P]She/he has successfully carried out the Project Dissertation (CSC554) on "Marathi Word Recognition of Cerebral Palsy Person Using Automatic Speech Recognition (ASR)" in class M.Sc. (CS&IT)/Sem-IV<sup>th</sup> during academic year 1017-2018.

Ience Certified.

eat No.:- \_CSD004023

eat No.:- \_ CSD004024

Date: - 30-05-2018

roject Guide

r. Manasi R. Baheti

r. Manasi R. Baheti

Asstt. Professor pt. of Computer Science & IT Babasaheb Ambedkar Marathwada yersity, Aurangabad - 431 004.

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1 20105/2018

Bhati.

Prof. Dr. Bharti W.Gawali

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwads-University, Aurangabad



Department of Computer Science and Information Technology

## **CERTIFICATE**

This is to certify that Miss. Kanchan D. Pathade She/he has successfully carried out the seminar report on "Kotlin" in class M.Sc.(CS)/Sem-IV during academic year-2017-2018.

Hence Certified.

Seat No .:- (SD 004 022

Date: - 31/05/2018

**Project Guide** 

Dr. Sunil S. Nimbhore

Dr. SUNIL S. NIMBHORE

Assistant Professor
Department of Computer Science & Literature Technology

Or Bahasaheb Ambedkari florational b

University Aurangabad

Examiner

Head T

Prof. Dr. Bharti W.Gawli

HEAD

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwada University, Aurangabad



# Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

NAAC Reaccredited with "A" Grade

# Department of Computer Science and Information Technology

## **CERTIFICATE**

This is to certify that Mr. Rathod Parmeshwar Laxman She/he has successfully carried out the seminar report on "Raspberrypi4" in class M.Sc.(CS)/Sem-IV during academic year-2017-2018. Hence Certified.

Seat No .:- CSD 004027

Date: - 31 | 95 / 18

Project Guide

Dr. Sunil S. Nimbhore

Dr. SUNIL S. NIMBHORE

Assistant Professor - Department of Computer Science C. L. Computer Science C. L. Commodice Technology

Dr Bahasaheb Ambedkar f. lercihwada University Aurangabad Prof. Dr. Bharti W.Gawli

Dept. of Computer Science & Information Technology.

Or. Babasaheb Ambedkar Marathwade
University, Aurangabad

Examiner

#### DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY



#### **CERTIFICATE**

This is to certify Miss. Gawarkar Renuka Pashupati and Miss. Ghuge Dhanshree Shivaji Student of M.Sc. (C.S.) Sem IV Department of CS and IT. Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Maharashtra have worked on project titled "Smart Dustbin" under the guidance of Dr. Manza R. R. Department of Computer Science) They undertook this project from December 2017 to 25 May 2018 and it has been completed successfully.

Dr. Manza R. R. 2915118

Guide

Dr. Ramesh R. Manza

Snewmilly unit in sum・4時の基

**Head of Department** HEAD

Dept. of Computer Science & Information Technology. Or. Balsasahab Ambedkar Marathwad University, Autorigahad

## Dr. Babasaheb Ambedkar Marathwada University,

#### Aurangabad, (MS) India

NAAC Re-Accredited With Grade 'A'

Department Of Computer Science and Information Technology



#### CERTIFICATE

This is to certify that Mr. Manoj Ganesh Joshi has successfully completed Project entitled on "Android calendar app", as partial fulfilment of M.Sc. (CS) Course for academic year 2016-17. This work has been carried out by him under our supervision and guidance.

Hence Certified

Exam Seat No. CSC 004027

Date 07/05/2017

Guide

Dr.Ramesh R.Manza

(Ass. Professor)

Dr. Ramesh R. Manza

Asst. Professor

Dept. of Course and Science & IT

As An area to be for

Marchanor University, Aurangeoud - 431004.

Examiner

HOD

Prof. R.R.

Deshmukh(Professor)

Dr. Ratnadeep R. Deshmukh
Professor & Head
Department of Computer Science & IT,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad - 431004

#### DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD

DEPARTMENT OF COMPUTER SCIENCE AND IT



#### **CERTIFICATE**

This is to certify that Miss. Sirsat Vijaya Vaijnath and Miss. Kale Ravina Shekhar has successfully Completed Project on "Hostel Management System", as the partial fulfillment of M.sc. (Computer Science) Course for academic year[2017-2018]. This work has been carried out by her under our supervision and guidance. Hence certified.

Guide

d. Shali b. Hulliriu

ibur Science & IT R EJAM. Util 17614, Autonochad

**Head of Department** 

Prof. Bharti W. Gawali HEAD

Dept. of Computer Science & Information Technology. Or. Babasaheb Ambedkar Marathwad-

University, Aurangabad.

#### DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD (MS) - 431004 (MS) India NAAC Reaccredited with "A" Grade

Department of Computer Science and Information Technology



#### **CERTIFICATE**

This is to certify that the research project entitled "Accent Classification for Indian Languages Using SVM" is abonafide record of independent research work done by Miss. Eman Ahmed Ahmed Alshari And Miss. Rupali Sumant Awhad under my supervision and submitted to the Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, during the year 2017-18 in partial fulfillment for the award of Degree of Master of Computer Science that the research project has not found any other similar title.

Date: 30/05/2018

Place: Aurangabad

Research Guide

Prof.Dr.Bharti Gawali **HEAD** 

Dept. of Computer Science & Information Technology.
Or. Babasaheb Ambadkar Merathwade
University, Aurangabad