



CHILDREN'S EDUCATION SOCIETY (Regd.)
THE OXFORD COLLEGE OF ENGINEERING

(Recognised by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.

Approved by A.I.C.T.E. New Delhi.

Recognised by UGC Under Section 2(f))

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING**

Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the project work entitled "AUTOMATED IRRIGATION SYSTEM" carried out by ANVVS SAI SHREEYA (10X14CS001), ACHALA C SHETTY (10X14CS002), KAVYA KT(10X14CS040) and SUPRIYA S(10X14CS096), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. Senthil Kumar
Project Guide

Dr. R.J. Anandhi
Vice Principal and H.O.D

Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangaluru - 560068.

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Dr. R.V. Praveena Gowda
Principal, TOCE

Dr. R.V. Praveena Gowda
Principal
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Bommanahalli, Hosur Road
Bangaluru-560 068

Signature with Date

13/6/18

Name of the Examiners

1. SHUBHA RAJ K.B.

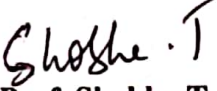
2. Dr R J Anandhi


13/6/18

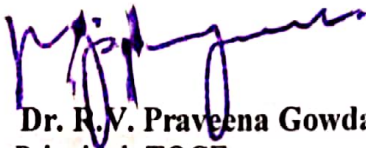


CERTIFICATE

Certified that the project work entitled "A NOVEL WIRELESS DEVICE TO CONTROL MOBILE PHONES IN LOW END CARS" carried out by CHAITRA G R (10X14CS013), CHINMAYI K P SHETTY (10X14CS015), CYNTHIYA SIMIONA (10X14CS017), JYOTHI B M (10X14CS033) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


Prof. Shobha T
Project Guide

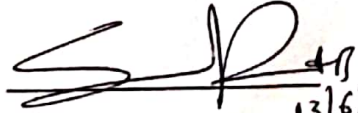

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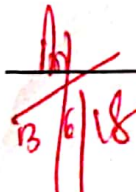

Dr. R.V. Praveena Gowda
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Name of the Examiners

1. SHUBHA RAJ K.B.
2. Dr. R. J. Anandhi

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Estd. 1974

CERTIFICATE

Certified that the Project entitled "The Ring: A smart device for women safety" has been carried out by Adarsh Hegde (10X14CS003), Kishore K Deshpande (10X14CS041), Narayana G (10X14CS051), Shivanagouda Patil (10X15CS417), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Naveen H.S.
Mr. Naveen H S
Assistant Professor

Anandhi
Dr. R. J. Anandhi
Vice Principal & H.O.D

Praveena Gowda
Dr. R.V. Praveena Gowda
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Name of the Examiners

1. SHUBHA RAJ K.B.

2. Dr R J Anandhi

S P K B
13/6/18

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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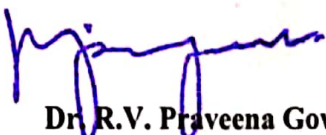


CERTIFICATE

Certified that the project entitled "Electrical Meter Reading using Raspberry pi" has been carried out by Mahesh MS (10X14CS113), Nithish Venkatesh (10X14CS057), Piramanayagam S (10X14CS059), Varun Kumar S (10X15CS421), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the seminar work.


Ms. Jesy Janet Kumari
Assistant Professor


Dr. R. J. Anandhi
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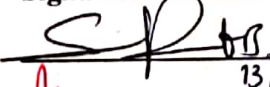
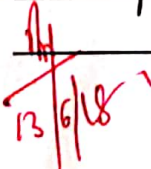

Dr. R.V. Praveena Gowda
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Bangaluru-560 068

Name of the Examiners

1. SHUBHA RAI K. B.
2. Dr R J Anandhi

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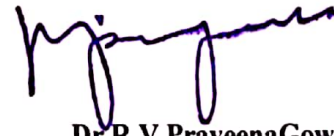


CERTIFICATE

Certified that the project work entitled "STUDENT AND FACULTY TRACKING WITHIN THE CAMPUS" carried out by CHANDAN THREEDEV (10X14CS014), DIVYA G (10X14CS021), M DHANUSRI (10X14CS045), NISHITHA EDWARD (10X14CS055) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


Prof. Sushma Gunjal
Project Guide


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Name of the Examiners

1. SHUBHA RAJ KB

2. Dr R J Anandhi

Signature with Date


13/06/18


13/6/18

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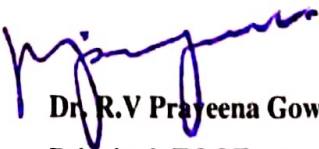


CERTIFICATE

Certified that the project entitled "FACESMASH: AI ASSISTED SOLUTION FOR MUSIC, CROWD MANAGEMENT AND SECURITY" carried out by DRITHIMAN M (10X14CS022), KARUNA KIRAN BHADRA (10X14CS039), MOHAMMED SALMAN (10X14CS050) and RANSOM DAVID (10X15CS415) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.


Prof. Jesy Janet Kumari
Project Guide


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Name of the Examiners

1. Dr. R. J. Anandhi
2. SHUBHA RAT K. B.

Signature with Date


13/6/18
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590018



A Project Report

On

**“DESIGN AND DEVELOPMENT OF THE HELP DESK
SYSTEM”**

*Submitted in the partial fulfillment of the requirements for the award of the Degree of
Bachelor of Engineering in Computer Science and Engineering*

Submitted by

ALWINA MORIN DSA (10X14CS007)

SANDEEP DEBNATH (10X14CS078)

J NIROSHA (10X13CS025)

MOOLAN EMANUELE THOMAS (10X13CS044)

Under the guidance of

Ms. Sushma Gunjal

Assistant Professor,

Dept. of CSE



Department of Computer Science and Engineering

The Oxford College of Engineering

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2017-2018

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that the Project work entitled "RAAC: Robust and Auditable Access Control with multiple Attribute Authorities for Public Cloud Storage" carried out by CHITHRA R (10X14CS016), B SRUTHI (10X15CS402), NABIN KUMAR SINGH (10X13CS047) and PALLAVI K K (10X15CS414) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Sushma T S

Ms. Sushma T S
Assistant Professor

Anandhi

Dr. R. J. Anandhi
Dr. R J Anandhi
Vice Principal & H.O.D
Professor & Head of Department/CSE
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Praveena Gowda

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Name of the Examiners

1. Dr R J Anandhi
2. SHUBHA RAT KB

Signature with Date

13/06/18
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13/06/18

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590018



A Project Report On

“Android Based Application to Detect Potholes and Uneven Roads in the City”

*Submitted in the partial fulfillment of the requirements for the award of the Degree of
Bachelor of Engineering in Computer Science and Engineering*

Submitted by

AMIT DEBNATH (10X14CS008)

ARJUN ASHOK KUMAR (10X14CS010)

CHAITANYA S (10X14CS012)

GEORGE JAMES (10X14CS029)

Under the support and guidance of

Ms. Sowmya H.K.
Assistant Professor
Department of CSE



**Department of Computer Science and Engineering
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2017-2018



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
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CERTIFICATE

Certified that the project entitled "Visual Based e-Service for Transportation System for BMTC" has been carried out by Durgashree (10X14CS024), Jyothsna Deosta (10X14CS034), Nikitha B (10X14CS053), Priyanka Suriya (10X14CS066), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the seminar work.

Ms. Seema Patil
Associate Professor

Dr. R.J. Anandhi
Dr. R J Anandhi
Vice Principal & H.O.D
Professor & Head of Department/CSE
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Principal, TOCE
Dr. R V Praveena Gowda
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Bangaluru-560 068

Name of the Examiners

1. Rachitha.m.v
2. Sowmya HK.

Signature with Date

Rachitha 13/6/18
Sowmya 13/06/18



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CERTIFICATE

Certified that the Project entitled "IOT Based Smart Helmet For Unsafe Event Detection For Mining Industry" has been carried out by Duggireddy Anusha (IOX14CS023), Karthik S (IOX14CS038), Meenakshi R (IOX15CS410), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

for
Sonmya Hk.
 Mrs. Mary Nathisiya
 Assistant Professor

Anandhi
 Dr. R. J. Anandhi
 Vice Principal & H.O.D
 Professor & Head of Department/CSE
 THE OXFORD COLLEGE OF ENGINEERING
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[Signature]
 Dr. R.V. Praveena Gowda
 Principal, TOCE.

Dr. R.V. Praveena Gowda
 Principal
 The Oxford College of Engineering
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 Bengaluru - 560 068
 Signature with Date

Name of the Examiners

- Rachitha .m.v
- Sonmya Hk.

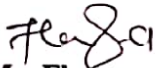
[Signature] 13/6/18
Sonmya Hk.
 13/06/18


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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CERTIFICATE

Certified that the project entitled “COLLECTIVE HYPING DETECTION SYSTEM TO IDENTIFY ONLINE SPAM ACTIVITIES USING AI” carried out by ADITHYA JAIN (10X14CS004), BIKASH SAH (10X14CS011), HARSH WADHWA (10X14CS031), KARAN AGARWAL (10X14CS037) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Ms. Florence G.
Project Guide


Dr. R.J. Anandhi
Vice Principal & H.O.D.
Dr. R.J. Anandhi
Vice Principal
Professor & Head of Department **CSE**
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Dr R.V Praveena Gowda
Principal
Dr. R.V Praveena Gowda
Principal
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Name of Examiner	Signature with date
1. <u>Rachitha M.V</u>	1. <u>Rachitha M.V</u>
2. <u>downmya Hk.</u>	2. <u>downmya Hk.</u> 13/06/18



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CERTIFICATE

Certified that the Project entitled "OXYPOST" has been carried out by **Fatimah Mehnaz (10X14CS025), Krittika Chakraborty (10X14CS43), Meghana M B (10X14CS048), Yashvardhan (10X14CS111)**, bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi** during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work prescribed for the said Degree.

Naveen H S
Prof. Naveen H S
Project Guide

Dr. R V Praveena Gowda
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Principal
The Oxford College of Engineering
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Bangaluru-560 068
Signature with Date

Name of the Examiners

- Rachitha.m.v*
- downmya tk.*

Rachitha.m.v 13/06/18
downmya tk.
13/06/18

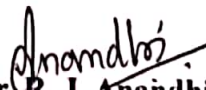
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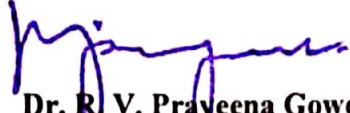


CERTIFICATE

Certified that the project entitled "IOT Based Water Management and Control System in Apartments" carried out by PRIYADARSHINI BORA (10X14CS063), PRIYANKA SANU (10X14CS065), SIRAJAN V (10X14CS087), SUDESHNA DEY (10X14CS094) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.


11/6/18
Ms. Chandanita Thakur
Assistant Professor


Dr. R. J. Anandhi
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Dr. R. V. Praveena Gowda
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External Viva

Name of the Examiners

1. Rachitha . M.V
2. Sumya HK.

Signature with Date

Rachitha 13/6/18
Sumya HK 13/06/18



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Hosur Road, Bommanahalli, Bangalore-560068

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CERTIFICATE

Certified that the Project entitled "Smart Base Station" has been carried out by Soram Dingku Singh (10X14CS088), Savitri Swamy (10X14CS081), Shwetha S (10X14CS085), Naziya Banu (10X14CS405), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Ms. Florance G
Assistant Professor

Dr. R. J. Anandhi
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Name of the Examiners

1. Rachitha M.V
2. Shwetha HK.

Signature with Date

Rachitha M.V 13/6/18
Shwetha HK. 13/06/18

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CERTIFICATE

Certified that the project entitled "Autonomous Traffic Signal Control System" has been carried out by Dini Rose M.D (10X14CS019), Sanna Meer (10X14CS079), Shagufta S (10X14CS082), Sheetal S (10X14CS084) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to project work.

Chowdhury
12/6/18
Ms. Koyel Sinha Chowdhury
Project Guide

Anandhi
Dr. R. J. Anandhi
Vice Principal and H.O.D
Professor & Head of Department, CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangaluru - 560063

Praveena Gowda
Dr. R. V Praveena Gowda
Principal, TOCE
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068

Name of the Examiners

1. Rachitha.m.v
2. downya HK.

Signature with Date

Rachitha.m.v 13/6/18
downyathk. 13/06/18



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the project work entitled "Question Paper Generation Using Fuzzy Logic" carried out by RASHMI B AMATIGOWDAR (10X14CS071), SWATI YADAV (10X14CS099), VINEETHA J (10X14CS107), ARABINA TAJ (10X15CS401), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. Thus, is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work.

for
downyasth
Ms. Aishwarya
Project Guide

Anandhi
Dr. R. J. Anandhi
Vice Principal & H.O.D
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangalore - 560068.

R. V. Praveena
Dr. R. V. Praveena Gowda
Principal, TOCE
Dr. R V Praveena Gowda
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The Oxford College of Engineering
Bommanahalli, Hosur Road
Bendaluru-560 068

External Viva

Name of the Examiners

1. Rachitha.m.v
2. downya HK

Signature with Date

Rachitha 13/6/18
downyasth 13/6/18




**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068**


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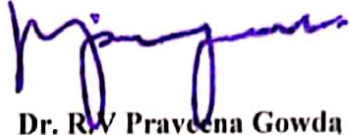


CERTIFICATE

Certified that the seminar entitled "Intelligent Assistive technology for Dementia" has been carried out by SUBRATH KUMAR PATRA (10X14CS093), SUHAS B (10X14CS095), SURESH B (10X14CS098), VISHAK A (10X14CS108) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

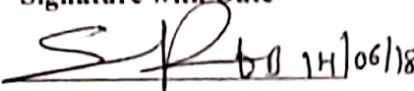

Ms. Jesy Janet Kumari
Project Guide


Dr. R.J. Anandhi
Vice Principal and H.O.D.
Professor & Head of Department/CSE
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Dr. RV Praveena Gowda
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Principal
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Benqaluru-560 068

Name of the Examiners

1. SHUBHA RAJ KB.
2. Dr R J Anandhi

Signature with Date

24/6/18



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING**


Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project work entitled "EYE-DROID" carried out by SRIRAM C (IOX14CS091), ROSHAN S (IOX14CS073), SRINIVAS J L (IOX14CS090), PRAVATH KUMAR PATRA (IOX14CS062) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


Dr. R.J. Anandhi

Guide & H.O.D

Dr. R.J. Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangaluru - 560068


Dr. R.J. Anandhi

Vice Principal & H.O.D

Professor & Head of Department/CSE
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External Viva


Dr. R.V. Praveena Gowda

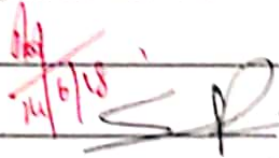
Principal, TOCE

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068

Signature with Date

Name of the Examiners

1. Dr. R.J. Anandhi
2. SHUBHA RAO KB


14/6/18



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project entitled “Result Analysis and Faculty Feedback with Login and Evaluation” has been carried out by Meghana G M (10X14CS047), Poorna C (10X14CS060), Rahul R Jain (10X14CS068), Naveena P(10X15CS412), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

19/5/18
Prof. Chandanita
Project Guide

Anandhi
Dr. R.J Anandhi
Vice Principal and H.O.D

Dr. R.V.Praveena Gowda
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External Viva

Name of the Examiners

- Dr R J Anandhi
- SHUBHA RAJ K.B.

Signature with Date

Anandhi
14/5/18
S R K B
14/06/18

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project entitled "Real-time Satellite Configuration and Monitoring" has been carried out by R Arvind (10X14CS067), Rakshith Patil (10X14CS069), S Deepak Raam (10X14CS074), Sakir Beg (10X14CS076), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Chowdhury 12/6/18
Ms. Koyel Sinha Chowdhury
Assistant Professor

Anandhi
Dr. R. J. Anandhi
Vice Principal & H.O.D
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Praveena
Dr. R.V. Praveena Gowda
Principal, TOCE

Praveena
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
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Bangalore-560068
Signature with Date

Name of the Examiners

1. Dr. R. J. Anandhi
2. SHUBHA RAJ KB

Praveena
14/6/18
SR
14/06/18

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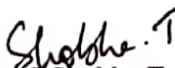
(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Computer Science and Engineering

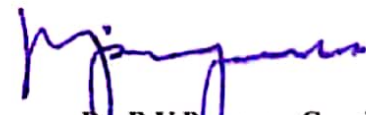


CERTIFICATE

Certified that the project work entitled “IOT Based Multi-Function War Assistance Robot” carried out by PRIYANKA GUPTA (10X14CS064), RAMYA B (10X14CS070), VAISHNAVI PATIL (10X14CS104), NIKHETHA KS (10X15CS413), bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


Prof. Shobha T
Project Guide


Dr. R.J. Anandhi
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Professor & Head of Department/CSE
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Name of the Examiners

1. Dr R J Anandhi
2. SHUBHA RAJ KB

Signature with Date



14/06/18

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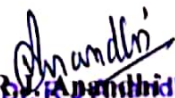
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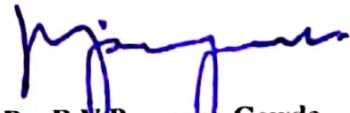


CERTIFICATE

Certified that the project entitled "Cloud Based Android App Alerts for Toxic Gas Presence for Asthma Patients" carried out by Sowmya K (10X14CS089), Thejaswini M (10X14CS101) and Vel Kumar P (10X14CS105), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. This is to certify that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

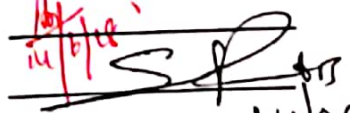

Ms. Gousia Thahniyath
Associate Professor


Dr. R. J. Anandhi
Vice Principal & H.O.D
Professor & Head of Department/CSE
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Bangaluru - 560 068
Signature with Date

Name of the Examiners

1. Dr. R. J. Anandhi
2. SHUBHA RAJ K.B.


14/06/18
14/06/18

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(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the project entitled "Placement and Analysis Website" has been carried out by RIA V JOHN (10X14CS072), SIJO JOBY (10X14CS086), TITUS P CHERIAN (10X14CS103), ZOHRA SHARIEFF (10X14CS112) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to project work.

(for) Gounzpa

Ms. Archana R
Project Guide

Anandhi
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Professor & Head of Department/CSE
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Bangaluru - 560068.
External Viva

Dr. R. Praveena Gowda
Dr. R. Praveena Gowda
Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068
Signature with Date

Name of the Examiners

1. Dr. R. J. Anandhi
2. SHUBHA R AT KB

Dr. R. Praveena Gowda
24/06/18



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

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CERTIFICATE

Certified that the Project entitled "Visible Light Communication using Li-Fi" has been carried out by Pushpa Devi (10X13CS410), Tejas G Sunkad (10X14CS100), Chandan V Patil (10X15CS403), Lakshmi G (10X15CS407) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

for
Aishwarya N

Ms. Aishwarya N
Assistant Professor

Dr. R.J. Anandhi

Vice Principal
Professor & Head of Department/CSE
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External Viva

Dr. R.V. Praveena Gowda

Principal, TOCE.
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
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Bengaluru-560 068

Name of the Examiners

1. SHUBHA RAT K B

2. Dr R J Anandhi

Signature with Date

SP
14/06/18

RJ
14/6/18


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore – 560 068


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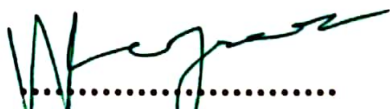


CERTIFICATE

Certified that the Project work entitled “A General-Purpose Architecture for Replicated Meta Data Services in Distributed File Systems” submitted by BASAPPA DODDAMANI (10X16SCS01), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/Suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


.....
Ms. Seema Patil,
Project Guide


.....
Dr. R J Anandhi,
Prof. & HOD
Dr. R J Anandhi
Vice Principal


.....
Dr. R V Praveena Gowda,
Principal, TOCE
Dr. R V Praveena Gowda
Principal

Name of the Examiners


Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangaluru - 560068.

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068
Signature with Date

1. Ruma Panda

2. Seema Patil


4/6/18


4/6/18

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING

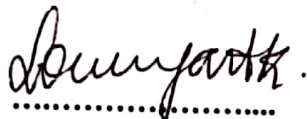
Hosur Road, Bommanahalli, Bangalore – 560 068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)

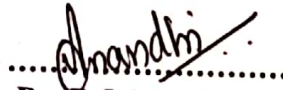


CERTIFICATE

Certified that the Project work entitled “Efficient Searching Technique for MapReduce Self-Tuning in Hadoop” submitted by DEEPTHI A (10X16SCS02), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Prof. Sowmya H K,
Project Guide



Dr. R J Anandhi,
Prof. & HOD

Dr. R J Anandhi
Vice Principal

Professor & Head of Department/CSE
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Bangaluru - 560068.



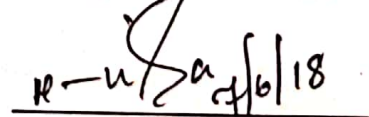
Dr. R V Praveena Gowda,
Principal, TOCE
Dr. R V Praveena Gowda
Principal

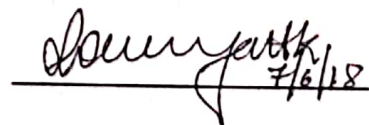
The Oxford College of Engineering
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Name of the Examiners

1. Mary vidhya John
2. Sowmya HK.

Signature with Date






**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore – 560 068**

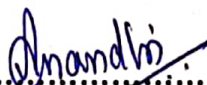
(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)




CERTIFICATE

Certified that the Project work entitled “Health Prediction of Cash Crops-A Data Mining Based Approach for Aiding Agriculturists” submitted by DIVYA R (IOX16SCS03), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/Suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


.....
Prof. Senthil Kumar,
Project Guide

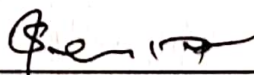
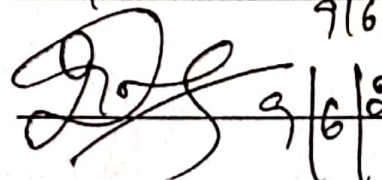

.....
Dr. R J Anandhi,
Prof. & HOD
Dr. R J Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
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.....
Dr. R V Praveena Gowda,
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Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
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Bangalore-560 068

Name of the Examiners

1. Senthil Kumar.
2. Vinay. B

Signature with Date


.....
9/6/18

.....
9/6/2018

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore – 560 068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project work entitled “Three Dimensional Security for Hadoop Frameworks” submitted by KARTHIKA R P (10X16SCS04), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/Suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Shobha T
.....
Ms.Shobha T,
Project Guide

Anandhi
11/5/18
.....
Dr. R J Anandhi,
Prof. & HOD
Dr. R J Anandhi
Vice Principal
Professor & Head of Department/CSE
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Bangaluru - 560068.

Dr. R V Praveena Gowda
.....
Dr. R V Praveena Gowda,
Principal, TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru - 560 068.
Signature with Date

Name of the Examiners

1. JAYASHREE. L.K

2. Shobha. T.

Dr. R V Praveena Gowda 12/6/2018

Shobha. T. 12/6/18

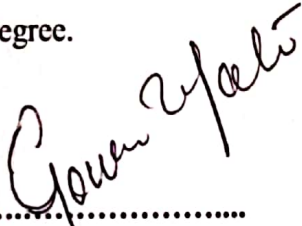
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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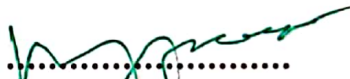


CERTIFICATE

Certified that the Project work entitled “IIDPS (Internal Intrusion Detection and Protection System) By Using Profiling” submitted by SARWATH UNNISA (IOX16SCS06), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/Suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


.....
Prof. Gousia Thahniyath,
Project Guide


.....
Dr. R J Anandhi,
Prof. & HOD
Dr. R J Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 560068.


.....
Dr. R V Praveena Gowda,
Principal, TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

1. Loganathan R.
2. Gousia Thahniyath

Signature with Date

R. Jayath
Gousia Thahniyath 6/6/18

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
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(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project work entitled “Creating SAS Transport X files from various Data Sources” submitted by V ASHWINI (10X16SCS07), a bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Master of technology in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-18. It is certified that all the correction/Suggestions indicated for internal assessment have been incorporated in the report. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Anandhi's
11/5/18

.....
Dr. R J Anandhi,
Internal Guide

Dr. R J Anandhi
Vice Principal

Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road
Bangalore - 560068.

Name of the Examiners

Anandhi's
11/5/18

.....
Dr. R J Anandhi,
Prof. & HOD

Dr. R J Anandhi
Vice Principal

Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road
Bangalore - 560068.

[Signature]
.....
Dr. R V Praveena Gowda,
Principal, TOCE

Dr. R V Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560068.

Signature with Date

1. ASHA RANI BORAH

2. ANANDHI R.J.

[Signature]
11/5/18

[Signature]
11/5/18



MAY 07, 2018

CERTIFICATE

This is to certify that the project work entitled "Creating SAS Transport X files from various Data Sources" was carried out by Mr./Ms. V. Ashwini, USN 10X16SCS07, a bonafied student of The Oxford College of Engineering, in partial fulfillment for the award of Master of Technology in Computer Science and Engineering of the Visveswaraiah Technological University, Belgaum during the year December 2017 - April 2018. It is certified that, she has completed the project satisfactorily.

for, Quartesian Clinical Research Pvt. Ltd

N. Nishanth

Nishanth N
Associate Director, Statistical Programming

Priyadarshini R.

Priyadarshini R
Manager- Human Resources



#23 & 24, AMR Tech Park 1A, 2nd floor, Hosur Main Road, Bangalore - 560 068
PH: +91.80.46471830 FAX: +91.80.46471850



Anspro Software Solutions

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Basappa Doddamani** bearing USN No: 10X16SCS01, a student of Master of Technology in Computer Science and Engineering, The Oxford College of Engineering was working with us as an intern. The internship has started on 9th of August, 2017 for a period of sixteen weeks.

During the tenure of his stay, he conducted himself well and was found to be very sincere.

He worked on the project "**Click Smart**".

With Regards,

Mr. Dhiman Dhiral

HR Manager



ANSPRO SOFTWARE SOLUTIONS,
Bangalore

#7, 100ft Ring road, BTM 2nd Stage, Near Jayadeva Signal, Bengalore-560076, Karnataka

Ph: 080-64350727, Mob : 8095286693/7204005296 Email:info@ansprosoft.com

www.ansprosoft.com



Anspro Software Solutions

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Deepthi A** bearing USN No: 10X16SCS02, a student of Master of Technology in Computer Science and Engineering, The Oxford College of Engineering was working with us as an intern. The internship has started on 9th of August, 2017 for a period of sixteen weeks.

During the tenure of her stay, she conducted herself well and was found to be very sincere.

She worked on the project “**Video Management and conversion of audio to text**”.

With Regards,

Mr. Dharmendra Dhruv

HR Manager



ANSPRO SOFTWARE SOLUTIONS,
Bangalore

#7, 100ft Ring road, BTM 2nd Stage, Near Jayadeva Signal, Bangalore-560076, Karnataka

Ph: 080-64350727, Mob : 8095286693/7204005296 Email:info@ansprotech.com

www.ansprosoft.com



Anspro Software Solutions

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Divya R bearing USN No: 10X16SCS03, a student of Master of Technology in Computer Science and Engineering, The Oxford College of Engineering was working with us as an intern. The internship has started on 9th of August, 2017 for a period of sixteen weeks.

During the tenure of her stay, she conducted herself well and was found to be very sincere.

She worked on the project "Automated Software Project Estimator and Resource Planning Tool".

With Regards,
Mr. D. Dharmant
HR Manager

ANSPRO SOFTWARE SOLUTIONS,
Bangalore



#7, 100ft Ring road, BTM 2nd Stage, Near Jayadeva Signal, Bangalore-560076, Karnataka

Ph: 080-64350727, Mob : 8095286693/7204005296 Email: info@ansprosoft.com

www.ansprosoft.com



Anspro Software Solutions

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Karthika RP** bearing USN No: 10X16SCS04, a student of Master of Technology in Computer Science and Engineering, The Oxford College of Engineering was working with us as an intern. The internship has started on 9th of August, 2017 for a period of sixteen weeks.

During the tenure of his stay, he conducted himself well and was found to be very sincere.

He worked on the project "**Model Based Software Project Estimator and Resource Planning Tool**".

With Regards,

Mr. Dharmaji Dhruv
HR Manager



ANSPRO SOFTWARE SOLUTIONS,
Bangalore

#7, 100ft Ring road, BTM 2nd Stage, Near Jayadeva Signal, Bangalore-560076, Karnataka

Ph: 080-64350727, Mob : 8095286693/7204005296 Email:info@ansprotech.com

www.ansprosoft.com



Anspro Software Solutions

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Sarwath Unnisa** bearing USN No: 10X16SCS06, a student of Master of Technology in Computer Science and Engineering, The Oxford College of Engineering was working with us as an intern. The internship has started on 9th of August, 2017 for a period of sixteen weeks.

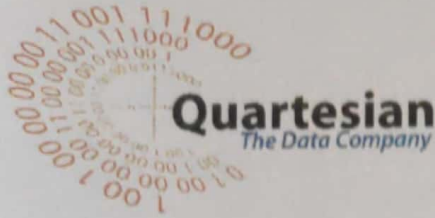
During the tenure of her stay, she conducted herself well and was found to be very sincere.

She worked on the project "**Conversion of Video to Audio and Text Summarization**".

With Regards,
Mr. Dhanmani Dhanraj
HR Manager

ANSPRO SOFTWARE SOLUTIONS,
Bangalore





November 27, 2017

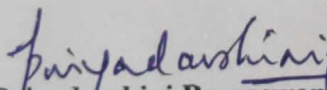
TO WHOM SO EVER IT MAY CONCERN


This is to certify that Ms. **V. Ashwini** bearing USN No. **10X16SCS07**, a student of Master of Technology in Computer Science and Engineering, from The Oxford College of Engineering was working with us as an Intern. The Internship has started in September 2017 for a period of Twelve weeks.

During the tenure of her stay, she conducted herself well and was found to be sincere.

She worked on the project "**Creating SAS Transport X files from various Data Sources**"

Best Regards,


Priyadarshini Ramaswamy
Manager - Human Resources
Quartesian | Bangalore



Registered Office: #23 & 24, AMR Tech Park 1A, 2nd floor, Hosur Main Road, Bangalore - 560 068
Ph: +91.80.46471830

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

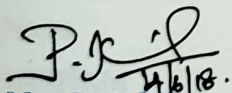
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

This is to certify that the project work entitled **“Secure cloud storage and keyword based retrieval system in cloud computing using attribute based proxy re-encryption”** is a bonafied work carried out by **Hisham(10X14IS039), Prathiksha A Shetty(10X14IS069), Pravalika H(10X14IS070) and Sahana M(10X14IS078)**, students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of Bachelor of Engineering /Bachelor of Technology in **INFORMATION SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University, Belagavi**, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

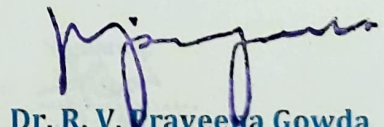

Mrs. P. Kokila

Asst. Professor,

Dept. of ISE


Prof. Dr. J. Dylara Mahalingam

PHD, FIETE, SMCSI, MPMI, M.TECH (IIT-D)
PROFESSOR & ~~Principal~~ **Head**
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Bangalore-560068


Dr. R. V. Praveena Gowda

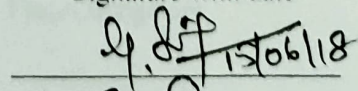
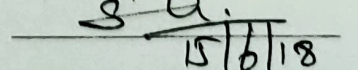
Dr. R. V. Praveena Gowda -
Principal, TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the examiners

1. G. Sivaganga Sundari (Ext)
2. S. Visalakshi

Signature with date


15/6/18

15/6/18

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Belagavi, Karnataka.



A Project Report on

“MRCP-RMD: A TECHNIQUE FOR RESOURCE ALLOCATION AND SCHEDULING OF MAPREDUCE JOBS WITH DEADLINES”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in

Information Science and Engineering

Submitted by

SHASHANK G HEGDE [10X14IS086]

SRINIDHI LN [10X14IS093]

VINAYAK SURESH PAI [10X14IS107]

VINITHA S BHAT [10X14IS108]

Under the guidance of

Mrs. S. VISALINI

Asst. prof., Department of Information Science and Engineering, TOCE



Department of Information Science and Engineering

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Bangalore 560068

2017-2018

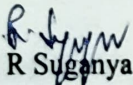
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)

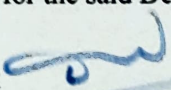
Department of Information Science and Engineering

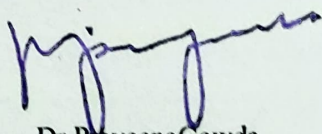


CERTIFICATE

Certified that the project work entitled "Retinal Lesions Detection in Fundus Images for Diabetic Retinopathy Screening" carried out by RASHMI V [10X14IS074], SANJANA HUNASHIKATTI [10X14IS082], TEJADEEPA K A [10X14IS100], YASHASWINI D M [10X14IS111] bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


Mrs. R Suganya
Assistant Professor


Dr. D. JAYARAMIAH
PHD, FIETE, SMCSI, MPMI, M.TECH (IIT-D)
PROFESSOR & HOD
INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068

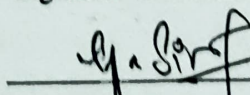
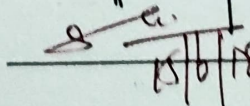

Dr. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

- G. Singam Sundari (Ext)
- S. Vasalini

Signature with Date


15/06/18

15/6/18

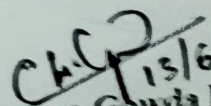
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru - 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)


Department of Information Science and Engineering

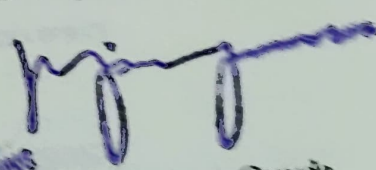


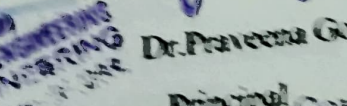
CERTIFICATE

Certified that the project work entitled "IOT Based Fine Dust Monitoring Alert System" carried out by NIKHITHA [10XI14IS060], SUPRAJA SRINIVAS [10XI14IS095], SUSHMA SL [10XI14IS098], TEJASWINI M [10XI14IS101] bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mr. Channappa Gowda D.V.
Assistant Professor

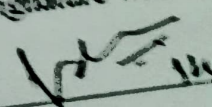

Dr. D. JAYARAMALAH
PROFESSOR & HEAD OF DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road, Bengaluru - 560068


Dr. Praveena Gowda
Principal


Dr. R.V. Prasad Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560068

Name of the Examiners

1. Vinodha K

Signature with Date

11/6/18


11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

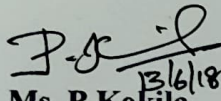
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

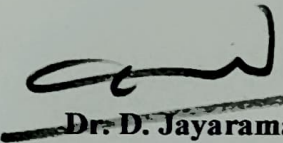
Department of Information Science and Engineering

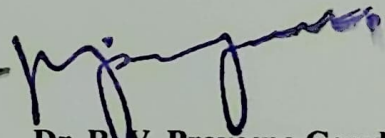


CERTIFICATE

This is to certify that the project work entitled "**Detecting Spam Reviews on Online Social Media through Network Based Framework - NETSPAM**" carried out by **Nikhil H.M(10X14IS059)**, **Pooja Deshpande(10X14IS065)**, **Pratima Kulkarni (10X14IS114)** and **Mir Mustafa Ali (10X13IS042)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University, Belagavi**, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


13/6/18
Ms. P Kokila
Asst. Professor,
Dept. of ISE


Dr. D. Jayaramaiah
Prof & Head,
Dept. of ISE


Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Benqaluru-560 068

External Viva Name of the examiners

Signature with date

1. Vinodha. k

Vds. 14/6/18

2. KARTHIK. S.

Deshpande 14/6/18

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

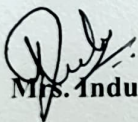
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

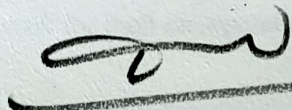
Department of Information Science and Engineering

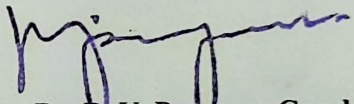


CERTIFICATE

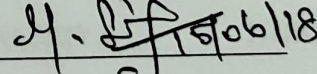
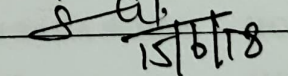
Certified that the project work entitled **"CLOAK: A STREAM CIPHER BASED ENCRYPTION PROTOCOL BASED ON MOBILE CLOUD COMPUTING"** carried out by **Shalini Priya (10X14IS084), Sheikh Sana Seher (10X14IS087), Shejal P (10X14IS088) and Sindhu Hurkadli (10X14IS090)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of Bachelor of Engineering /Bachelor of Technology in **INFORMATION SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University, Belagavi**, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mrs. Indu K. S
Asst. Professor


Dr. D. Jayaramaiah
Dr. D JAYARAMAIAH
Prof & Head, Dept. of ISE (IT-D)


Dr. R. V. Praveena Gowda
Dr. R V Praveena Gowda
Principal, TOCE

PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI
EXTERNAL VIVA
Name of the examiners
Signature with date
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

1. G. Sivagama Sundarini  15/6/18
2. S. Visalini  15/6/18

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE


(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

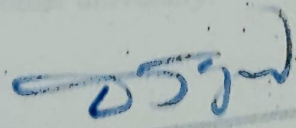
Department of Information Science and Engineering

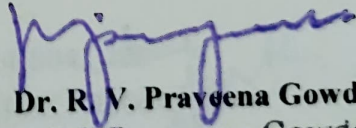


CERTIFICATE

Certified that the project work entitled **"SBPG:SECURE BETTER PORTABLE GRAPHICS FOR TRUSTWORTHY MEDIA COMMUNICATION THROUGH IOT"** carried out by **Karan K(10X14IS042), Parth Patel(10X14IS064), Shreyas S(10X14IS089) and Vemasani Sai Vijay (10X14IS105)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of Bachelor of Engineering /Bachelor of Technology in **INFORMATION SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University, Belagavi**, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mrs. Chitra.G
Asst. Professor

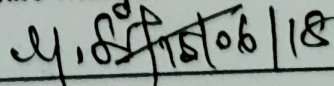
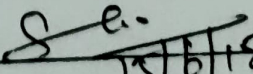

Dr. D. Jayaramaiah
Dr. D JAYARAMAIAH
PROF. & HOD, DEPT. OF ISE
PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.


Dr. R. V. Praveena Gowda
Principal, TOCE
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Name of the examiners

1. G. Sindhana Sundari (EXT)
2. S. Visakhini

Signature with date

 15/6/18
 15/6/18

THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANHALLI, BENGALURU-560068
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the Project work entitled "An Intelligent Smartphone Based Approach Using Cloud Computing And IoT For Risk-Free Driving" carried out by Lakshmi L Menda[IOX14IS044], Navya V [IOX14IS056], Fiona Jothi Sylvester[IOX14IS031], Latha Shree N[IOX14IS046] bonafide students of The Oxford College Of Engineering, Bengaluru in fulfillment for the award of the degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi during the year.2017-2018. It is certified that all the corrections indicated for the Internal Assessment have been incorporated in the Report deposited in the department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for Bachelor of Engineering.

Mrs. S Kalaiselvi
Assistant Professor

Dr. D. JAYARAMIAH
PHD, FIETE, SMCS, MPVI, M.TECH (IIT-D)
PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068

Dr. Praveena Gowda
Principal
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068
Signature with date

Name of the Examiner

1. Vladhak
2. KARTHIK. S.

13/6/18

13/6/2018

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

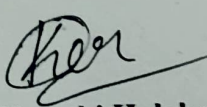
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Department of Information Science and Engineering




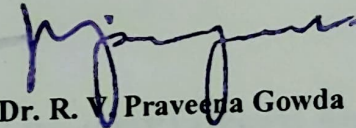
CERTIFICATE

Certified that the project work entitled **"DYNAMIC TRACKING OF TASK SCHEDULE"** carried out by **Shalini Das (10X14IS083)**, **Swathi G.Shet (10X14IS099)**, **Yamini R (10X14IS110)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering /Bachelor of Technology in **INFORMATION SCIENCE AND ENGINEERING** of the Visvesvaraya Technological University, Belagavi, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.


Mrs. Keerthi Halaharvi

Asst. Professor, Dept. of ISE

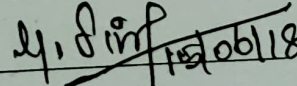


Prof. Dr. D. Jaya Prakash
PHD, FIETE, SMCSI, MPMI, M.TECH (IIT-D)
PROFESSOR & HOD, INFORMATION SCIENCE AND ENGINEERING
HOD, Dept. of ISE
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068


Dr. R. V. Praveena Gowda
Principal, TOCE
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560068

Name of the Examiners

1. G. Srivagana Suresh (exr)
2. S. Visalini

Signature with Date


15/6/18

15/6/18

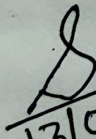
THE OXFORD COLLEGE OF ENGINEERING BANGALORE

(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)
Department of Information Science and Engineering

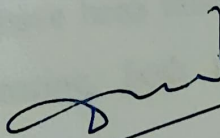


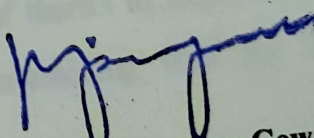
CERTIFICATE

This is to certify that the project entitled **"Efficient and Effective Global Context Verification For Image Copy Detection"** is a work carried out by **Vaibhav Bharadwaj (10X14IS102), Rajesh Ganapati Bhat (10X14IS073) and Waseem Akram (10X14IS109)**. Bonafide students of The Oxford College of Engineering in partial fulfillment for the award of **Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi** during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental Library. The project report has been approved as it satisfies the academic requirements in respect of work prescribed for the said Degree.

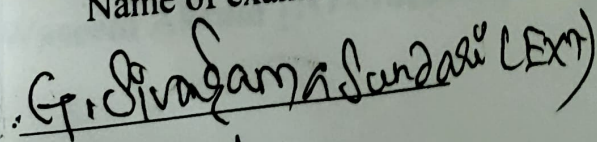

13/06/18

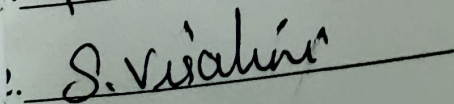
Mrs. Riya Sanjesh
Assistant Professor

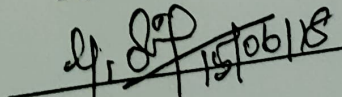

Dr. D. D. Jayaramiah
PHD, FIETE, MNCST, MPML, M.TECH (IT-D)
Professor & Head
PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068
External Viva

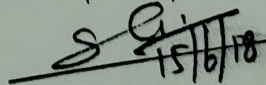

Dr. R. V. Praveen Gowda
Principal
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Signature with dates

Name of examiner


G. Sivagami Sundari (Ext)


S. Vishalini


15/06/18


15/6/18

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Utilize Big Data platform to maintain and use Healthcare Information through Hadoop and Elastic Search" carried out by Akarsh S. (IOX14IS004), Ganesh Babu T. A. (IOX14IS032), Manish Maan (IOX14IS050) and Sharath P. (IOX14IS085) bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering Bachelor of Technology in INFORMATION SCIENCE AND ENGINEERING of the Visvesvaraya Technological University, Belagavi, during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Ms. Radha D. N.

Asst. Prof., Dept. of ISE

Prof. Dr. D. Jayaramaiah
PROF. DR. D. JAYARAMAIAH
PH.D., FIFTH SEMESTER, DEPT. OF ISE (IT & E)
THE OXFORD COLLEGE OF ENGINEERING
BANGALORE, KARNATAKA

External Viva Name of the examiners

1. Vinodhan
2. SHARATHK . . S.

Dr. R. V. Praveena Gowda

Principal, TOCE
Principal
Oxford College of Engineering
Hosur Road
Bangalore - 560 068

Signature

13/6/18

13/6/18

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

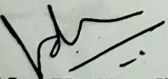
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled **"A GESTURE BASED MODEL TO ASSIST HANDICAP IN SEARCH OF JOBS"** carried out by **Akshay R (10X14IS006)**, **Gudekota Adithya (10X14IS035)**, **Karthik K V (10X14IS043)** and **Shivshankar Kumar (10X12IS101)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering /Bachelor of Technology in **INFORMATION SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University, Belagavi**, during the year **2017-2018**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

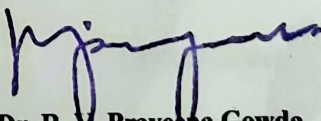

Mrs. K. Vinodha

Asst. Professor, Dept. of ISE


Prof. Dr. D. Jayaramaiah

D. D. JAYARAMAIAH
PHD, FIETE, SMED, MPE, MTECH (IIT-D)
HOD, Dept. of ISE

PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
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Bommanahalli, Hosur Main Road, Bangalore-560080

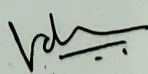
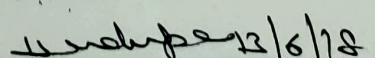

Dr. R. V. Praveena Gowda

Principal, TOCE
Dr. R. V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the Examiners

Signature with date

1. Vinodha.k
2. KARTHIK. S

 13/6/18
 13/6/18

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

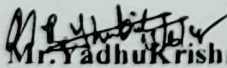
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering

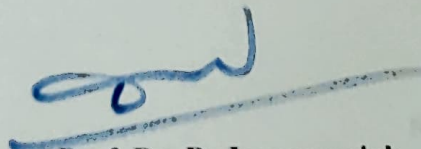


CERTIFICATE

Certified that the project work entitled "Design and Implementation of Large Scale Encryption In Hadoop Environment" carried out by Meghana B.N(10X12IS020), Bindhu.N(10X12IS026), Ranjitha.S(10X13IS067) and Shanaz P.S (10X13IS082), bonafied students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of Bachelor of Engineering /Bachelor of Technology in INFORMATION SCIENCE AND ENGINEERING of the Visvesvaraya Technological University, Belagavi, during the year 2017-2018. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

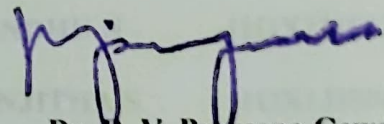

Mr. Yadhukrishna M.R

Asst. Professor, Dept. of ISE


Prof. Dr. D. Jayaramaiah

HOD, Dept. of ISE

External Viva



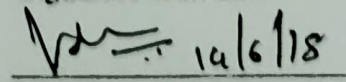

Dr. R. V. Praveena Gowda

Dr. R V Praveena Gowda
Principal, TOCE

The Oxford College of Engineering
Bommanahalli, Hosur Road
Signature with date

Name of the examiners

1. Vinodha.k
2. KARTHIK.S.


14/6/18

14/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE - 560068

(Affiliated to VTU and approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "MATLAB BASED ELECTRIC APPLIANCE CONTROL USING TIMBRE BASED ALGORITHM" carried by Archana v (10X14EC010), Devi V (10X14EC023), Balaji Ganesh (10X14EC015) and Chowda Reddy KS (10X14EC020), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment of requirement for the award of BACHELOR OF ENGINEERING (B.E) in ELECTRONICS AND COMMUNICATION ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2017-18. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academics requirements in respect of project work prescribed for the said degree.

Guide *N. W. Jayaraj N*
11/06/18
JAYARAJ N

Asst. professor

Dept. of ECE, TOCE

HOD
Dr. Manju Devi
Dr. MANJU DEVI

Dept. of ECE

TOCE
Professor & HOD of E&C Engineering
The Oxford College of Engineering

Bommanahalli, Bangalore - 560 068.

Name of the Examiners

Examiner 1:

Dr. Manju Devi

Examiner 2:

H. Pappa

Principal

Dr. R V Praveena Gowda
Dr. R V PRAVEENA GOWDA

TOCE
Dr. R V Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Signature with date

Dr. Manju Devi
12/6/18

H. Pappa
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "A Smart Tracking Garbage Vehicle with Authentic Login" carried out by Divyashree V(10X14EC024), H D Yashaswini(10X14EC027), Sumanth D V(10X14EC090), Vinod Kumar H G(10X14EC104), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

N. #
11/06/18

Guide

Mr. JAGADEESHWAR REDDY
Asst. Professor

HOD

Dr. MANJU DEVI
Dept. of ECE

Professor & HOD of ECE & Engineering

The Oxford College of Engineering

Bommanahalli, Bangalore - 560 068.

Principal

Dr. PRAVEENA GOWDA
TOCE

Dr. R.V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068

Signature with Date

Name of the Examiners

Examiner 1. M. PAPPA

Examiner 2. Dr. Manju Devi

M. Pappa
12/6/18

Dr. Manju Devi
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068
(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Seminar work entitled "Women Security Assistance System with GPS Tracking and Messaging System" is a bonafide work carried out by SWETHA S (10X14EC091), THEJASWINI D (10X14EC421), AZAR SIDDIQUI (10X14EC402) and SHREEKANT (10X13EC102) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the year FEB-MAY2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

N. Srividya 12/6/18
Mr. SRIDHAR N
Asst. prof,
Dept. of ECE

HOD

[Signature]
Professor & HOD of ECE Engineering
Dr. MANJU DEVI
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068.

PRINCIPAL

[Signature]
Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

① NAVEEN KUMAR G.N.

② Soumya

[Signature]
Soumya 17/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "MOVABLE ROAD DIVIDER FOR VEHICULAR TRAFFIC CONTROL WITH MONITORING OVER INTERNET OF THINGS" carried out by PRUTHVI H K (10X14EC066), PRAMOD Y K (10X14EC060), VEERESHA P M (10X14EC101), PRATHVIRAJ SHETTY (10X14EC062), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

N. Suresh
9/6/18

Guide
Mr. SRIDHAR N
Asst. Professor,
Dept. of ECE

[Signature]
HOD
Dr. MANJU DEVI
Dept. of ECE
Professor & HOD of E&C Engineering
TOCE
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068.

[Signature]
Principal
Dr. PRAVEENA GOWDA
Dr. K. V. TOCEena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Name of the Examiners

Examiner 1. *Dr. Manju Devi*
Examiner 2. *M. Pappa*

Signature with Date

[Signature]
11/6/18
M. Pappa
11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "IMPLEMENTATION OF MODEL RADAR TARGET DIRECTION IDENTIFIER WITH REMOTE MONITORING OVER INTERNET OF THINGS (IOT) PLATFORM" carried out by RAJENDRA (10X14EC069), SACHIN K JOY (10X14EC075), SARFARAZ MONSURI (10X14EC076), HITESH KUMAR DHULL (10X13EC035), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Guide

Mr. BHARGAVA RAMA GOWD
Asst. Professor,
Dept. of ECE

HOD
Dr. MANJU DEVI
Dept. of ECE

Professor & HOD of ECE Engineering
The Oxford College of Engineering,
Bommanahalli, Bangalore-560 068.

Principal
Dr. PRAVEENA GOWDA
TOCE

Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with Date

Name of the Examiners

Examiner 1. *Dr. Manju Devi*

Examiner 2. *M. PAPPA*

12/6/18

M. Pappa
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068
(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "SMART VEHICLE USING MICROPROCESSOR" is a bonafide work carried out by Ms. THANUSHREE G. (10X14EC094), Ms. PRATHYUSHA R J(10X14EC063), Ms. SHWETHA J (10X14EC081), Mr. PRAVEEN KUMAR S (10X14EC064) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year FEB-MAY 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

N. W. 11/06/18
for Mr./Ms. SONIYA JAMES
Asst. Professor, Dept. of ECE

HOD

[Signature]
Dr. MANJU DEVI
PROFESSOR

PRINCIPAL

[Signature]

Dr. R.V. PRAVEENA GOWDA
TOCE Bengaluru.

Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

1. NAVEEN KUMAR G.
2. Soniya J

Signature

[Signature]
Soniya J 13/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "VEHICLE WITH SMART ASSISTANCE SYSTEM" carried out by NAME: VARUN S USN: 10X13EC096, NAME: VISHNU R USN: 10X13EC099, NAME: ARUN KUMAR BARIK USN: 10X11EC007, NAME: PRITAM KUMAR USN: 10X12EC069, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Guide
Mrs. MEGHA MS
Asst. Professor
Dept. of ECE
TOCE

N.R.
13/06/18

HOD
Dr. MANJUL DEVI
Professor Dept. of ECE
The Oxford College of Engineering
Bommanahalli, Bangalore-560 068

Principal
Dr. PRAVEENA
GOWDA
Dr. R. V. Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Examiner 1. NAVEEN KUMAR G.N.
Examiner 2. Soumya G

Signature with date

G.N. Naveen Kumar
Soumya G 19/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068
(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "SMART VEHICLE USING MICROPROCESSOR" is a bonafide work carried out by Ms. THANUSHREE G. (10X14EC094), Ms. PRATHYUSHA R J (10X14EC063), Ms. SHWETHA J (10X14EC081), Mr. PRAVEEN KUMAR S (10X14EC064) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year FEB-MAY 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

N.V. 11/06/18
For Mr./Ms. SONIYA JAMES
Asst. Professor, Dept. of ECE

HOD

[Signature]
Dr. MANJU DEVI
PROFESSOR

PRINCIPAL

[Signature]
Dr. R.V. PRAVEENA GOWDA
TOCE Bengaluru.

Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiner

NAVEEN KUMAR G.N.
Sowmya J

Signature.

G.N. Naveen Kumar
Sowmya J 13/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "SMART GLOVES" carried out by JOYSON P S USN : 10X14EC031, ARUN P KUSTAGI USN : 10X14EC013, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Varsha Parihar
Guide
VARSHA PARIHAR
Asst, Professor

Manju Devi
HOD
Dr. MANJU DEVI
Dept. of ECE
TOCE

Praveena Gowda
Principal
Dr. PRAVEENA GOWDA
TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Examiner 1. *Dr. Manju Devi*
Examiner 2. *M. Pappa*

Signature with Date

Manju Devi
11/6/18
M. Pappa
11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "IOT BASED SMART WASTE MANAGEMENT MONITORING SYSTEM USING INTELLIGEMENT BINS", carried out by POOJASHREE B.C (10X14EC058), VEDAVATHI S.U (10X14EC099), ABHIJITH S.N (10X15EC400), SOMASHEKAR S (10X15EC420), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for our degree.

Chandrakala S
Project Guide

Mrs. CHANDRAKALA S
Dept. of ECE
TOCE

Manju Devi
HOD

Dr. MANJU DEVI
Professor & HOD of E&C Engineering
Dept. of ECE
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Praveena Gowda
Principal

Dr. PRAVEENA GOWDA
FOCE
Dr. R.V Praveena Gowda
Principal
Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Name of the Examiners

Examiner 1: *Naveen Kumar G.N.*

Examiner 2: *Soumya*

N. Naveen Kumar
Soumya 19/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "MACHINE MONITORING ON CLOUD USING RASPBERRY PI AND INTERNET OF THINGS" carried out by CHANDRA SHEKHAR V(10X14EC017), DEEPA S(10X14EC022), ARPITHA TO(10X14EC012), ANVESHANA M(10X14EC009), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Dhanya E
11/12/18
Guide

Mrs. DHANYA E
Asst. Professor
Dept. Of ECE

HOD
Manju Devi
Dr. MANJU DEVI
Dept. of ECE
Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068.

Praveena Gowda
Principal
Dr. PRAVEENA GOWDA
Dr. R V Prasad
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

Examiner 1. *Dr. Manju Devi*
Examiner 2. *M. Pappa*

Signature with Date

Manju Devi 12/6/18
M. Pappa
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "Design of Photonic Based Sensor For Analysis of Pesticide Residues in Soft Drinks" carried out by **Manju k (10X14EC043)**, **Pasala Swetha (10X14EC056)**, **Solanki Jinal Jayanthilal (10X14EC084)**, **Suresh L (10X15EC410)**, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Guide
[Signature]
11/6/18
Mrs.SAJITHRA VARUN S
Asst.Professor,
TOCE

HOD
[Signature]
Dr. MANJU DEVI
Dept. of ECE
TOCE
Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

[Signature]
Principal
Dr. PRAVEENA GOWDA
Dept. of ECE
TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiner

Signature with Date

Examiner 1. Faculty Name **M. PAPPA**

[Signature]
11/6/18

Examiner 2. Faculty Name **Dr. Manju Devi**

[Signature]
11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "DESIGNING OF LAB-ON-CHIP IN THE DETECTION OF VARIOUS COMPONENTS IN BLOOD FOR A SUCCESSFUL BLOOD TRANSFUSION USING PHOTONIC CRYSTAL" carried out by VENKATESH D S (10X14EC102), VIKAS S (10X14EC103), YADHU KRISHNA M (10X14EC105), SADHASHIVA S (10X13EC076), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for our degree.

Project Guide

Sowmya G.
Mrs. SOWMYA G.
Dept. of ECE
TOCE

HOD

Manju Devi
Dr. MANJU DEVI
Professor & HOD of ECE Engineering
Dept. of ECE
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Principal

Praveena Gowda
Dr. PRAVEENA GOWDA
Dr. R. V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Name of the Examiners

Examiner 1: NAVEEN KUMAR G.N.

Examiner 2: *Sowmya G.*

Signature with Date

Navleen Kumar
Sowmya G. 13/06/18

THE OXFORD COLLEGE OF ENGINEERING


BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering




CERTIFICATE

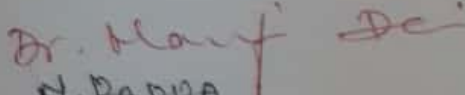
Certified that the project work entitled "IMPLEMENTATION OF MODEL RADAR TARGET DIRECTION IDENTIFIER WITH REMOTE MONITORING OVER INTERNET OF THINGS (IOT) PLATFORM" carried out by RAJENDRA (10X14EC069), SACHIN K JOY (10X14EC075), SARFARAZ MONSURI (10X14EC076), HITESH KUMAR DHULL (10X13EC035), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.


Guide
Mr. BHARGAVA RAMA GOWD
Asst. Professor,
Dept. of ECE

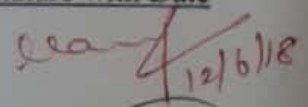
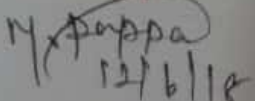

HOD
Dr. MANJU DEVI
Dept. of ECE
TOCE


Principal
Dr. PRAVEENA GOWDA
TOCE
Dr. RV Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

Examiner 1. 
Examiner 2. N. PAPPAN

Signature with Date


12/6/18

12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "RF BASED FARMER FRIENDLY AGRICULTURAL ROBOT WITH MOTORIZED SHOVE CONTROL SYSTEM WITH AUTOMATIC SPEED DISPENSIVE SYSTEM" carried out by RASHMI V USN :10X14EC071 SHOBANA M USN :10X14EC080 ARPITHA MN USN :10X15EC404 MANJU S USN :10X15EC413 bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

N.S.
Guide 09/06/18
For Mr. Manjunath
Asst Professor, ECE Dept.
TOCE

HOD
Dr. MANJU DEVI
Dept. of ECE
TOCE
Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068.

Principal
Dr. PRAVEENA GOWDA
TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Name of the Examiners

Examiner 1.
Examiner 2.

Dr. Manju Devi
M. PAPPAN

Signature with Date

11/6/18
M. PAPPAN
11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "RF BASED FARMER FRIENDLY AGRICULTURAL ROBOT WITH MOTORIZED SHOVE CONTROL SYSTEM WITH AUTOMATIC SPEED DISPENSIVE SYSTEM" carried out by RASHMI V USN :10X14EC071 SHOBANA M USN :10X14EC080 ARPITHA MN USN :10X15EC404 MANJU S USN :10X15EC413 bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

for Guide N.W
09/06/18
Mr. Manjunath
Asst Professor, ECE Dept.
TOCE

HOD
Dr. MANJU DEVI
Dept. of ECE
Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore-560 068.

Principal
Dr. PRAVEENA GOWDA
TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Examiner 1.
Examiner 2.

Dr. Manjunath
M. Pappa

Signature with Date

Manjunath
M. Pappa
10/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "Patient Health Monitoring System Using IoT" carried out by ROHITH C S NAIR (10X14EC072), RUPESH WAMANRAO PATIL (10X14EC073), SYED ARAFAT AHMED (10X14EC092), VARUN N BHOMBORE (10X14EC098), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

P. Piruthiviraj
Guide
Mr. Piruthiviraj P
Asst. Professor, Dept. of ECE

Dr. Manju Devi
HOD
Dr. MANJU DEVI
Professor & HOD of E&C Engineering
Dept. of ECE
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Dr. R V Praveena Gowda
Principal
Dr. R V PRAVEENA GOWDA
Dr. R TOGEveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068
Signature with Date

Name of the Examiners

Examiner 1. *NAVEEN KUMAR A.N.*

Examiner 2. *Soumya G*

A.N. Naveen Kumar
Soumya G 17/06/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering

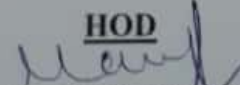


CERTIFICATE

This is to certify that the Project work entitled "TIME REFERENCE SYSTEM" carried out by Ms. AISHWARYA S (10X14EC004), Ms. ANUSHREE G BHAT (10X14EC008), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the year FEB-MAY 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.


GUIDE

Mrs. LAYA TOJO
Asst. Professor
Dept. of ECE


HOD
Dr. MANJU DEVI
Professor
Dept. of ECE

Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068.


PRINCIPAL

Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Principal


The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

Examiner 1: Dr. Manju Devi

Examiner 2: M. Pappa

Signature and date


11/6/18

M. Pappa
11/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "AUTOMATIC MOVEABLE RAILWAY PLATFORM WITH TRAIN ARRIVAL DETECTION AND MONITORING OVER IOT" carried out by AISHWARYA K R (10X14EC002), DEEKSHITHA G S (10X14EC021), NAGASHREE N (10X14EC050), ARCHANA S (10X15EC403), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Richard Lincoln Paulraj
12/6/18

Guide
**Mr. RICHARD LINCOLN
PAULRAJ**
Asst. Prof. Dept of ECE

Dr. Manju Devi
HOD
Dr. MANJU DEVI
Professor & HOD of E&C Engineering
Dept of ECE, TOCE
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

Dr. P. Praveena Gowda
Principal
Dr. PRAVEENA GOWDA
TOCE
Dr. P. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068
Signature with Date

Name of the Examiners

Examiner 1. *Dr. Manju Devi*

Examiner 2. *M. Pappa*

Dr. P. Praveena Gowda
12/6/18

M. Pappa
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

Certified that the project work entitled "IMPLEMENTATION OF AUTOMATIC ENGINE LOCKING SYSTEM FOR DRUNKEN DRIVERS" carried out by AKSHAY BONGALE: 10X14EC005, GANESH N M: 10X14EC025, BHUMIKA C J: 10X14EC016, ABHINANDAN GOWDA: 10X15EC401, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment for the award of BACHELOR OF ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2017-18. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Department library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

N.W
13/06/18

for Guide
Mr. ANAND WARAD
Asst. Professor, Dept. of ECE

HOD
Dr. MANJU DEVI
Professor & HOD of ECE Engineering
Dept. of ECE
TOCE Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore-560 068.

Principal
Dr. PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Signature with Date

Examiner 1. NAVEEN KUMAR G.

N. Naveen Kumar
Sounya 9 19/06/18

Examiner 2. Sounya 9

THE OXFORD COLLEGE OF ENGINEERING

10th Milestone, Bommanahalli, Hosur road, Bengaluru - 560068



Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project work entitled “DESIGN AND DEVELOPMENT OF CONTROL PANEL FOR AGRICULTURAL SUBMERSIBLE/FLATBED TYPE MOTORS” is a bonafide work carried out by BHOOMIKA T K (10X14EE015), DIVYA R (10X14EE029), GURURAJA K K (10X14EE033), KARTIK (10X14EE040), students of The Oxford College Of Engineering, Bangalore, in partial fulfillment in the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017–2018. It is certifies that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The seminar report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.

Signature of the guide

Dr. Bharath V S
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Name of Examiners

1. Dr. Bharath V S,
2. R. GUNASEKARI

Signature of HOD

Dr. Bharath V S
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Signature of the Principal

Dr. R. V. Parvatha Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

12/6/18
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, & Affiliated to VTU, Belgaum, Accredited by
NBA&NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bangalore – 560068

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that work entitled “AUTOMATIC SMART PARKING USING INTERNET OF THINGS” is a bonafide work carried out by **AKSHATA K N (10X14EE009)**, **ASHWINI R(10X14EE014)**, **CHAITHRA M(10X14EE019)**, **DEEKSHA N R(10X14EE025)** in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Signature of Internal Guide

Mr. N Muniyappa
Professor, Dept. of EEE



Signature of HOD

Dr.V.S.Bharath
H.O.D, Dept. of EEE

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.



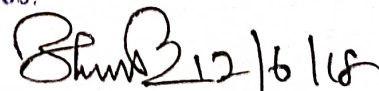
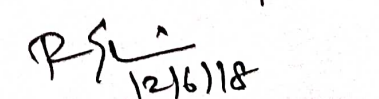
Signature of Principal

Dr.R.V Praveena Gowda
Principal, TOCE

The Oxford College of Engineering
Bommanahalli, Hosur Road
Signature with Date

Name of the Examiners:

1. Dr. Bharath. v.s.
2. R. GUNASEKARAN


12/6/18

12/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that project work entitled “WIRELESS POWER TRANSMISSION AND CONTROLLING IT WITH IOT ” is a bonafied project work carried out by AATIB RIYAZ MIR(10X14EE004), IQUBAL SAIYED MUBASSHIR (10X14EE035), JAGADISH (10X12EE029), SUNILKUMAR H (10X13EE098) in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Mrs. K. Viji

Assist. professor, Dept of EEE
(Project internal guide)


Dr. V.S. Bharath

H.O.D. Dept. of EEE
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068.

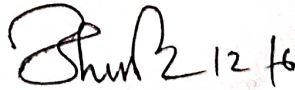


Dr. R.V. Praveena Gowda

Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. Dr. Bharath, V.S.
2. R. GUNASERANI

Signature with Date:

 12/6
 12/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled **“AUTOMATED GREENHOUSE USING ARDUINO”** is a bonafied work carried out by AISHWARYA M (10X14EE006), BINDIYA MAHESH (10X14EE016), JENEFFER S (10X14EE038), KEERTHANA B (10X14EE042), students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

Nisha C Rani
Signature of the guide
Mrs Nisha C Rani
Associate professor

Bharath V S
Signature of HOD
Dr Bharath V S

Dr R V Praveena Gowda
Signature of the principal
Dr R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the Examiners:

1. Dr. Bharath V. S.

2. R. GUNASEKARI

Bharath V S
12/6/18

R S
12/6/18

THE OXFORD COLLEGE OF ENGINEERING

Accredited by NBA, NAAC & IAO

Hosur Road, Bommanahalli, Bangalore – 560068


(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING




CERTIFICATE

This is to certify that the project work entitled “**DESIGN AND DEVELOPMENT OF MILITARY BOT**” carried out by **ABHISHEK S C (10X14EE005), CHETHAN G (10X14EE023), LIKHIT B V (10X14EE044), MOHAMMAD MURTAZA (10X14EE055)** is a bonafide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering in **ELECTRICAL AND ELECTRONICS ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**. During the year **2017-2018**. It is certified that all corrections/suggestions indicated for Internal Assessment has been incorporated in the report deposited in the Departmental Library. The Project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering.


Signature of the Guide

Mr. JAYAKUMAR N


Signature of the HOD

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068

Dr. BHARATH V S


Signature of the Principal

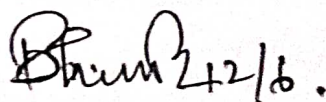
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

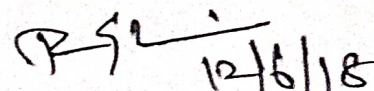
Dr. R.V. PRAVEENA GOWDA

External Examiners:

1. Dr. Bharath,
2. R. GUNASEKAR

Signature with date:


2/2/18


12/6/18

THE OXFORD COLLEGE OF ENGINEERING

Accredited by NBA, NAAC & IAO

Hosur Road, Bommanahalli, Bangalore – 560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “**RADIO FREQUENCY CONTROLLED WHITE BOARD EARSER**” carried out by **MADHU SUDHAN G S (10X14EE045)**, **GURU PRASAD N (10X15EE404)**, **KIRAN KUMAR I (10X15EE408)**, is a bonafide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering in **ELECTRICAL AND ELECTRONICS ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**. During the year **2017-2018**. It is certified that all corrections/suggestions indicated for Internal Assessment has been incorporated in the report deposited in the Departmental Library. The Project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering.

P. M. S. - Reddy.
Signature of the Guide

[Signature]
Signature of the HOD

[Signature]
Signature of the Principal

Mr. MADHU SUDHAN P

Dr. BHARATH V S

Dr. R. V PRAVEENA GOWDA

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

External Examiners:

1. *Dr. M. S. Vik*
2. *N. Meniyappa*

[Signature]
Signature with date:
[Signature]
13/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the following students,

DEEPA M	10X14EE026
GAGANA V	10X14EE031
KARNA C P	10X14EE039
MEGHANA O	10X14EE051

bonafide students of The Oxford College of Engineering, Bangalore, has completed the project work entitled “MODERN METHOD OF PROTECTION SYSTEM FOR MOTOR” in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 -2018 . It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

for 
Signature of Guide

Mr. Madhusudhana Reddy p

External viva

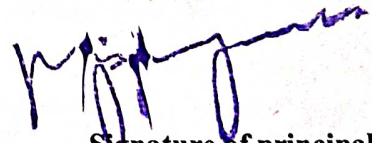
Name of the Examiners:

1. Dr. Bharath V.S.
2. R. GUNASEKARI



Signature of HOD

Dr. Bharath V.S
Professor & Head, Dept. of EEE
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

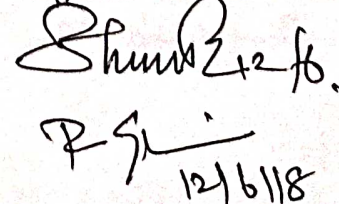


Signature of principal

Dr. R.V. Bravenna Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru -560 068

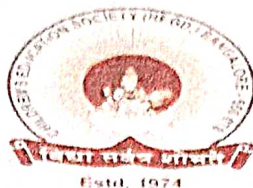
Signature with Date


12/6/18

The Oxford College of Engineering

(Approved by AICTE New Delhi, and affiliated to VTU, Belgaum, Accredited by
NBA and NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bengaluru-560068



CERTIFICATE

This is to certify that the following bona fide students,

KESHAVADUTTA S

USN: 10X14EE043

MALLESH H G

USN: 10X14EE048

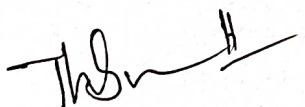
MOHAN KUMAR R

USN: 10X14EE056

NANDAN K E

USN: 10X14EE058

Of **The Oxford College of Engineering**, has completed the project work entitled "**SOLAR PV WATER PUMPING USING VFD FOR IRRIGATION PURPOSE**" in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University**, Belgaum during the year **2017-2018**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of seminar work prescribed for the said Degree.



Signature of Guide

Mrs. Sumitha T L


Signature of HOD

Dr. Bharath V S

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.


Signature of Principal

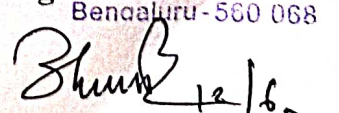
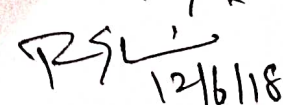
Dr. R.V Praveena Gowda
Dr. R.V Praveena Gowda

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068.

Name of the Examiners:

1. Dr. Bharath V.S.
2. R. GUNASEKAR

Signature with Date


12/6/18

12/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled “ SOLAR POWERED DENSITY BASED TRAFFIC CONTROL SYSTEM WITH EMERGENCY VEHICLE ALERT” is a bonafied work carried out by BINDU R P (10X14EE017), KEERTHANA E M (10X14EE041), MADHUSHREE D (10X14EE046) so on in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

P. Someswari
Madhusudhana reddy P
Designation, Dept of EEE
(Project internal guide)

Dr. V.S. Bharath
Dr. V.S. Bharath

H.O.D, Dept. of EEE
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Dr. R.V Praveena Gowda
Dr. R.V Praveena Gowda

Principal, TOCE
Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. *Dr. MATHANIC*
2. *N. Nueniyappa*

Signature with Date:

Dr. R.V Praveena Gowda
17/6/18
Dr. MATHANIC
17/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Electrical and Electronics Engineering



CERTIFICATE

Certified that the project entitled “DESIGN AND DEVELOPMENT OF FARMER FRIENDLY SOLAR BASED ELECTRIC FENCE FOR AGRICULTURAL APPLICATIONS” carried out by ARPITHA A M (10X14EE013), CHAITANYA J N (10X14EE018), CHAITHRA R K (10X14EE020), HARSHITHA J (10X14EE034) bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 -2018 .

It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


9/6/18

Mr. Jayakumar N
Associate Professor
Dept of EEE


9/6/18

Dr. V.S. Bharath
Professor & Head, Dept of EEE
H.O.D
The Oxford College of Engineering
Bommanahalli, Hosur Road,
Dept of EEE
BANGALORE - 560 068.



9/6/18

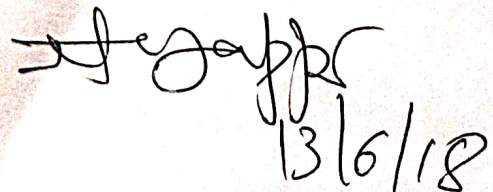
Dr. R.V. Raveena Gowda
Principal
Dr. Raveena Gowda
Principal
TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners:

1. DR. MAHESH/C
2. H. Meniyappa

Signature with Date:


13/6/18


13/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

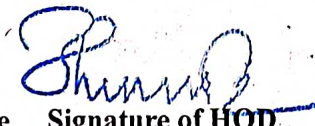
This is to certify that work entitled “MONITORING OF LIVE MOVEMENT OF AMBULANCE” is a bonafide work carried out by CHINMAYA H G (10X13EE024) NAGESH IMADE (10X13EE052) GEDDAPPA MURNAL (10X14EE403) NAGARAJ (10X14EE414) so on in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.



Signature of Internal Guide

Mrs ARUTSELVI,

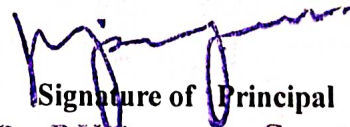
Asst. Professor



Signature of HOD

Dr. V.S. Bharath

H.O.D, Dept. of EEE

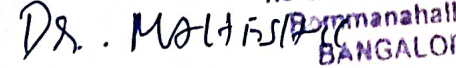
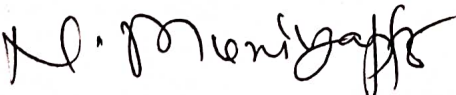


Signature of Principal

Dr. R.V. Praveena Gowda
Principal

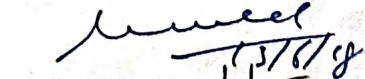
The Oxford College of Engineering
Principal TOCE Dept of EEE

Name of the Examiners:

1.  Dr. M. H. S. Prasad
2.  N. Venkatesh

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Signature with Date:


13/6/18

THE OXFORD COLLEGE OF ENGINEERING

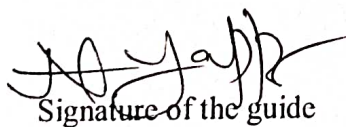
10th Milestone, Bommanahalli, Hosur road, Bengaluru - 560068



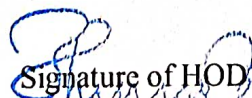
Department of Electrical and Electronics Engineering

CERTIFICATE

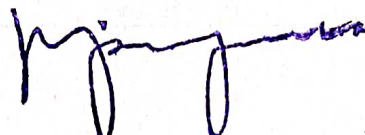
This is to certify that the project work entitled "SPEED CONTROLE OF INDUCTION MOTOR USING ANDROID APPLICATION" is a bonafide work Carried out by MANJUNATH.S.P.(10X15EE411), RAGHAVENDRA.K.R, (10X15EE414), RAVINDRA.M.P(10X15EE416), SUNILKUMAR.G(10X15EE421) students of The Oxford College Of Engineering, Bangalore, in partial fulfillment in the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certifies that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The seminar report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.


Signature of the guide

Mr. MUNIYAPPA N


Signature of HOD

Dr. BHARATH V S



Signature of the Principal

Dr. R V PRAVEENA GOWDA

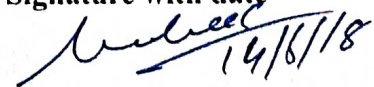
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

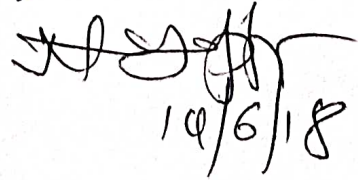
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of Examiners

1. Dr. N. AMARAJEE
2. N. Muniyappa

Signature with date


14/6/18


14/6/18

The Oxford College of Engineering

(Approved by AICTE New Delhi, & Affiliated to VTU, Belagavi, Accredited by NBA & NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bangalore – 560068

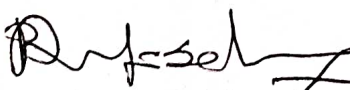


CERTIFICATE

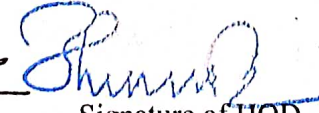
This is to certify that the following students,


AKASH V M	10X14EE008
ESHVARAN R A	10X14EE030
MANOJ KUMAR M	10X14EE050
MERLIN SHIBU	10X14EE052

bonafide students of **The Oxford College Of Engineering**, has completed project work entitled **“DESIGN AND DEVELOPMENT OF AUTOMATIC 3-PHASE INDUCTION MOTOR STARTER WITH PARAMETER DISPLAY PANEL”** in partial fulfillment in the award of **Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum** during the year 2017 – 2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.


Signature of the guide

Mrs. Arut Selvi
Nagammai

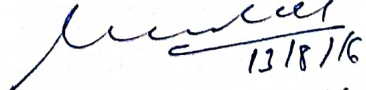
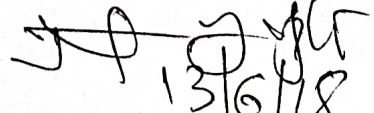

Signature of HOD
Dr. Bharath V S
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.


Signature of the Principal
Dr. R V Praveena
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bendaluru-560 068

Name of Examiners:

1. **Dr. MAHESH .IC**
2. **Dr. Muniyappa**

Signature with date


13/8/16

13/6/18

THE OXFORD COLLEGE OF ENGINEERING

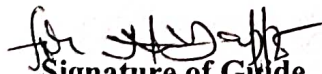
Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

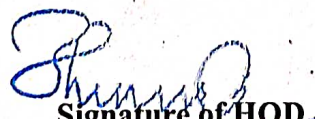


CERTIFICATE

This is to certify that work entitled “ANTI SMUGGLING SYSTEM FOR TREES IN THE FOREST USING SOLAR POWER GENERATION” is a bonafied work carried out by APOORAVA PRIYA G(10X14EE012), MANJUSHREE J A (10X14EE049), RANGANATHA N G (10X15EE415) in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Signature of Guide

Mrs. Arut Selvi Nagammai


Signature of HOD.

Dr. Bharath V.S.


Signature of Principal

Dr. R.V. Praveena Gowda

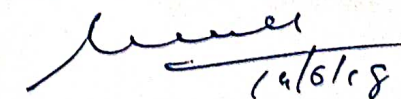
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068.

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners:

1. Dr. MAMESH K
2. N. Meniyappa

Signature with Date:


14/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the work entitled “REGENERATING THE ENERGY THROUGH ELEVATOR TO POWER AC CFL LAMP LOADS USING INVERTER” is a bonafied work carried out by **BALAJI P (10X15EE402), GOPAL S KONNUR (10X15EE403), SAHANA S (10X15EE407), SOWMYA H R (10X15EE419)** so on in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 -2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the degree of Bachelor of Engineering.

Signature of Internal Guide

Mrs. Devi Vighneshwari. B

Associate Professor,

Dept of EEE, TOCE

Name of the Examiners

1. Dr. Maheshwari

2. Dr. Manish

Signature of HOD

Dr. V.S. Bharath

H.O.D,

Dept of EEE, TOCE

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Signature of Principal

Dr. R.V. Praveena Gowda

Dr. R.V. Praveena Gowda

Principal

Dept of EEE, TOCE

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru - 560 068

Signature with Date

13/6/18

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

THE OXFORD COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi. Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project entitled work "SWITCHED CAPACITOR DC-DC CONVERTER IN SATELLITE APPLICATIONS" has been carried out By Pavithra M (10X14EE063), Pradeep Yadav (10X14EE067), Saniya Fatima (10X14EE087) And Tayyaba Naaz (10X14EE104), bonafide student of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018. Thus, it is certified that all correction/suggestion indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Mr. Raghumanth A
Internal Guide
Assistant Professor, EEE

Dr. V S Bharath
Head of Department
EEE

Dr. R V Praveena Gowda
Principal
TOCE

Professor & Head, Dept of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 058.

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 058

EXTERNAL EXAMINERS

1. Dr. Bharath, 11/6/18
2. R. GUNASEKARI 11/6/18

The Oxford College of Engineering

(Approved by AICTE New Delhi, & Affiliated to VTU, Belagavi, Accredited by NBA & NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bangalore – 560068



CERTIFICATE

This is to certify that the following students,

MITALI RAI	10X14EE053
P AKASH MENON	10X14EE061
RAVINA KUMBOJ	10X14EE083
SAHAN A M	10X14EE085

bonafide students of **The Oxford College Of Engineering**, has completed project work entitled **“ENERGY AUDITING AND PWM BASED SOLAR CHARGE CONTROLLER”** in partial fulfillment in the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of **Visvesvaraya Technological University, Belgaum** during the year 2017 – 2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.

Signature of the guide

Mrs. Devi Vighneshwari

Signature of HOD

Dr. Bharath V S

Signature of the Principal

Dr. R. V. Praveena Gowda
Principal

Name of Examiners: Signature with date

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

1. Dr. Bharath V S
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068
2. R. GUNASEKARAN

11/6/18

THE OXFORD COLLEGE OF ENGINEERING

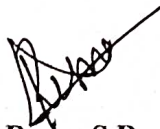
Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled “HARMONICS MITIGATION CAUSED BY NON-LINEAR LOADS USING SHUNT ACTIVE POWER FILTER” is a bonafied work carried out by RACHANA M(10X14EE073), SANIYA FIRDOSE(10X14EE088), SHRAIYA SUNDRIYAL(10X14EE093), YUVA RANJINI N B(10X14EE113) in partial fulfillment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.



Resna S R

Asst. Prof., Dept. of EEE

(Project internal guide)



Dr. V.S. Bharath

H.O.D, Dept. of EEE

Professor & Head, Dept. of EEE
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
BANGALORE - 560 068



Dr. R.V Praveena Gowda

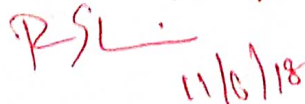
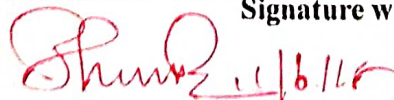
Dr. Principal, TOCE Gowda

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. Dr. Bharath
2. R. SUNABHARATHY

Signature with Date:



THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore -560068.

(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Electrical and Electronics Engineering

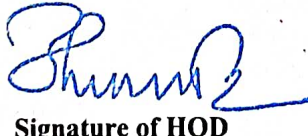


CERTIFICATE

This is to certify that work entitled "DESIGN AND DEVELOPMENT OF CLOSED LOOP CONTROL OF BRUSHED DC MOTOR" is a bonafide work carried out by POOJA SHREE B (10X14EE065), SHANKAR LINGAM J (10X14EE090), SHRAYANA SHETTY M (10X14EE094), SUBHASH M (10X14EE099) so on in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Signature of Internal Guide

Mr. Jayakumar.N
Associate Professor,
Dept of EEE, TOCE.




Signature of HOD

Dr. V.S. Bharath
H.O.D.,
Dept of EEE, TOCE.



Signature of Principal


Dr. R.V. Praveena Gowda
Principal,
The Oxford College of Engineering
Dept of EEE, TOCE.

Name of the Examiners:

1. 
Dr. Bharath
2. 
R. GUNASEKAR

Signature with Date:


11/6/18


11/6/18

The Oxford College of Engineering
Professor & Head, Dept. of EEE
Bommanahalli, Hosur Road
Bangalore - 560 068

THE OXFORD COLLEGE OF ENGINEERING

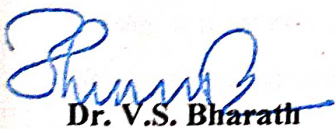
Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



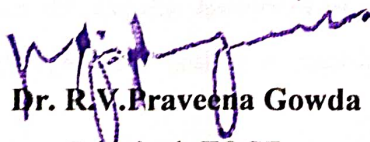
CERTIFICATE

This is to certify that work entitled “DESIGN AND ANALYSIS OF AC TO DC CONVERTER (24 PULSE) FOR AEROSPACE APPLICATION” is a bonafied work carried out by SHRUDDA (10X14EE096), SHWETHA K S (10X14EE097), SYED SAIF AHAMAD (10X14EE103), JAGADISH M (10X13EE031) so on in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Dr. V.S. Bharathi

HOD

Dept of EEE, TOCE


Dr. R.V. Praveena Gowda

Principal, TOCE

Dr. R.V. Praveena Gowda

Principal


Mr. Muniyappa.N

Assitant Professor

Dept of EEE, TOCE

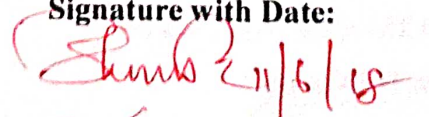
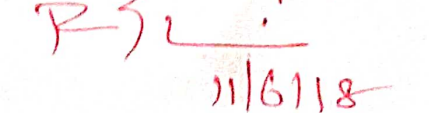
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. Dr. Bharathi.V.S.
2. R.G. UNASEERAPPA

Signature with Date:


21/6/18

21/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, & Affiliated to VTU, Belgaum, Accredited by
NBA&NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bangalore – 560068

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that work entitled “**INTEGRATION OF SOLAR PV SYSTEM WITH EXISTING UNINTERRUPTIBLE POWER SUPPLY**” is a bonafide work carried out by **PREETHI.N.M (10X14EE069)** in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

Handwritten signature
11/06/18

Signature of Internal Guide

Mrs. Sandhya Rai

Associate Professor

Dept of EEE

Name of the Examiners:

1. *Dr. V.S. Bharath*

2. *R. GUNASEKAR*

Handwritten signature

Signature of HOD

Dr. V.S. Bharath

H.O.D, Dept. of EEE

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Handwritten signature

Signature of Principal

Dr. R.V. Praveena Gowda
Dr. R.V. Praveena Gowda

Principal, TOCE

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Signature with Date:

Handwritten signature
11/06/18

Handwritten signature

11/06/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

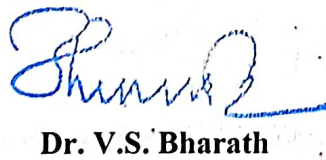


CERTIFICATE

This is to certify that work entitled “Analysis of Nine Level Single Phase Multi Level Inverter Topology” is a bonafied work carried out by VARSHA S (10X14EE108), ARUN KUMAR T (10X15EE401) and SANTHOSH N HUBBALLI (10X15EE418) in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

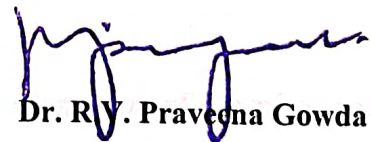

Mrs. Deepa R

Asst Prof, Dept of EEE


Dr. V.S. Bharath

H.O.D, Dept. of EEE

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.


Dr. R.V. Praveena Gowda

Principal, TOCE

Dr. R.V Praveena Gowda
Principal

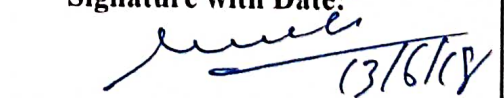
The Oxford College of Engineering
Bommanahalli, Hosur Road

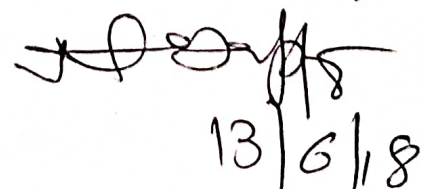
Bangalore - 560 068
Signature with Date:

Name of the Examiners:

1. Dr. MAHAJALI

2. N. M. Venkatesh


13/6/18


13/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore- 560068.

(Approved by AICTE New Delhi, and Affiliated to VTU, Belagavi,

Accredited by NBA & NAAC New Delhi)



CERTIFICATE

This is to certify that the following students,

POOJA ROHIDAS NAIK	10X14EE064
PRIYANKA KUMARI	10X14EE071
PRIYANKA SINSINWAR	10X14EE072

Bonafied students Of THE OXFORD COLLEGE OF ENGINEERING, Bangalore has completed the project work entitled "CONTROLLING THE PROCESS OF COKE OVEN COMPLEX" in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of THE VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library.

Signature of Guide

Signature of H.O.D

Signature of Principal

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.
External viva

Dr. Bharath V.S

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Dr. Bharath V.S

Dr. R.V. Praveena Gowda
Bommanahalli, Hosur Road
Bengaluru-560 068
Signature with date

Dr. R.V. Praveena Gowda
Principal

Name of the examiners:

1. Dr. Bharath V.S

2. R. GUNASEKARI

Dr. R.V. Praveena Gowda

17/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled “COMPARATIVE STUDY OF SOLAR PANEL POSITIONING SYSTEM USING STATIC AND SINGLE AXIS TRACKER WITH SEPIC CONVERTER” is a bonafide work carried out by NITESH SHARMA (10X14EE059), SYED AL FARHAN (10X14EE102), SOORAJ G K (10X14EE098), SHREEKANTH B (10X14EE095) so on in partial fulfillment for the award of bachelor of ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

Mr Raghunanth .A

Asst prof. Dept of EEE

Dr. V.S. Bharath

H.O.D. Dept. of EEE
Professor & Head, Dept. of EEE,
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Dr. R.V Praveena Gowda

Principal, TOCE
Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering,
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the Examiners:

1. Dr. Bharath V S.

2. R. GUNASEKARI

Signature with Date:

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Electrical and Electronics Engineering



CERTIFICATE

Certified that the project entitled “**ROOFTOP SOLAR PV PLANT FOR AC AND DC APPLICATIONS**” was presented by **MITHUN.U.KRISHNAN(10X14EE054)**, **RASHMI.S(10X14EE081)**, **VIDYASHREE.M.S (10X14EE110)**, **VIJAY.V.G(10X14EE111)** , the bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfillment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum** during the year 2017 -2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. Raghumanth A
Assistant Professor,
Dept of EEE

Dr. V S Bharath
Professor & Head, Dept. of EEE
HOD
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.
Dept. of EEE

Dr. R V Praveena Gowda
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068

Name of the Examiners:

1. **Dr. Bharath.**
2. **R. GUNASEKARI**

Signature with Date:

THE OXFORD COLLEGE OF ENGINEERING

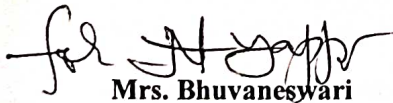
Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



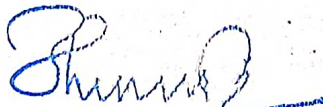
CERTIFICATE

This is to certify that work entitled “COMPARATIVE STUDY AND ANALYSIS OF CLOSED LOOP BLDC MOTOR USING THREE PHASE INVERTER BY PWM, SPWM AND SVPWM METHODS” is a bonafied work carried out by SANYA BEGUM (10X14EE089), SHASHANK MANJUNATH (10X14EE91), NUTHAN BS (10XEE058) and PRITI SINGH (10X10EE036) in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.



Mrs. Bhuvaneshwari

Asst Prof, Dept of EEE



Dr. V.S. Bharath

H.O.D, Dept. of EEE



Dr. R.V. Praveena Gowda

Principal, TOCE

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068.

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

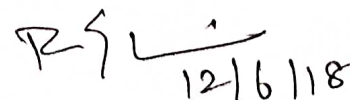
Bangaluru-560 068

Name of the Examiners:

1. Dr. Bharath, V.S.
2. R. GUNASEKAR

Signature with Date:

 12/1/18

 12/6/18

THE OXFORD COLLEGE OF ENGINEERING

10th Milestone, Bommanahalli, Hosur Road, Bangalore – 560068

(Approved by AICTE New Delhi, Affiliated to VTU, Belgaum, Accredited by
NBA&NAAC New Delhi)

Department of Electrical and Electronics Engineering



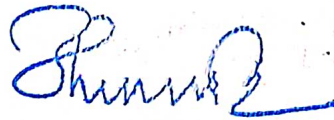
CERTIFICATE

This is to certify that work entitled “BLUETOOTH CONTROLLED HEXAPOD WALKING ROBOT USING AN ANDROID APPLICATION” is a bonafide work carried out by **AKSHAY KUMAR JOSHI (10X15EE400)**, **JAYANTH S (10X15EE407)**, **SUSHMA M (10X14EE100)**, **VIDYA (10X14EE109)** in partial fulfillment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of **Visvesvaraya Technological University, Belgaum** during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.


Mrs. Deepa R

Assistant Professor

Dept of EEE



Dr. V S Bharath

H.O.D

Dept of EEE



Dr. R V Praveena Gowda
Dr. R V Praveena Gowda
Principal

Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068


TOCE


Name of the Examiners:

1. Dr. MAHESH K

2. N. Menigappa

Signature with Date:


13/6/18


13/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the following student “SHABHARISH N SWAMY” is a bonafied students of The Oxford College Of Engineering Bangalore work carried out by so on in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

For Vinutha
12/6/18
Signature of guide

MR.Madhusudhana reddy

Bharath V.S
Signature of HOD

Dr.Bharath V.S

DR.R.V Praveena Gowda
Signature of Principal

DR.R.V Praveena Gowda
Dr. RV Praveena Gowda

Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. DR. MAHESHIAIC
2. NO. MENIGAPPA

Signature with Date:

Dr. Maheshiaic
13/6/18
NO. Menigappa
13/6/18

The Oxford College of Engineering

(Approved by AICTE New Delhi, & Affiliated to VTU, Belgaum, Accredited by NBA & NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bengaluru – 560068



CERTIFICATE

This is to certify that the following students,

AKASH RAY

USN: 10X12EE003

AJINKYA BELOSE

USN:10X10EE003

FAHD AHMAD

USN: 10X10EE072

PRASHANTH BERA

USN: 10X13EE064

bonafide students of The Oxford College of Engineering, has completed the project work entitled “DEVELOPMENT OF A REAL TIME MONITERING AND CONTROLLING OF ELEVATOR BASED ON PLC AND SCADA” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of seminar work prescribed for the said Degree.

Signature of Guide

Dr. Bharath V.S

Signature of HOD

Dr. Bharath V.S
Professor & Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Signature of Principal

Dr. R.V Praveena Gowda
Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068

Name of the Examiners:

1.

2.

R. GUNASEKARI

12/6/18

The Oxford College of Engineering

(Approved by AICTE New Delhi, & Affiliated to VTU, Belgaum, Accredited by NBA & NAAC New Delhi)

10th Milestone, Bommanahalli, Hosur Road, Bengaluru – 560068



CERTIFICATE

This is to certify that the following students,

ATISH KUMAR

USN: 10X11EE017

KEERTHI M

USN: 10X12EE404

SINDHU SHREEDHAR HEGDE

USN: 10X12EE416

SWETA S PATIL

USN: 10X14EE101

bonafide students of The Oxford College of Engineering, has completed the project work entitled “**SOLAR POWERED ELECTRIC VEHICLE CHARGING STATION**” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of seminar work prescribed for the said Degree.

Signature of Guide

Mrs. Deepa R

Signature of HOD

Dr. Bharath V.S

Professor & Head, Dept. of EEE
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

Signature of Principal

Dr. R.V Praveena Gowda
Dr. R V Praveena Gowda
Principal

Oxford College of Engineering
10th Milestone, Hosur Road
Bengaluru-560 068

Name of the Examiners:

1. **Dr. Mahesh K**
2. **N. N. N. N. N. N.**

Signature with date
13/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE- 560068

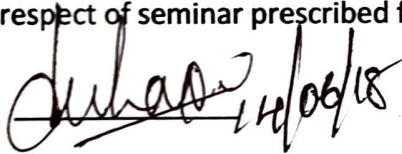
(Affiliated to VTU & approved by AICTE)

DEPARTMENT OF MECHANICAL ENGINEERING



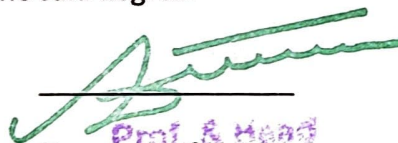
CERTIFICATE

This to certify that the Project work entitled "TO STUDY MECHANICAL PROPERTIES OF ALUMINIUM ALLOYS RIENFORCED WITH SILICON CARBIDE & FLY ASH A HYBRID METAL MATRIX COMPOSITES" carried out by the students YOGESH KUMAR [10X14ME088], HANOCH NADAKATTIN [10X15ME404], RAHUL SAHUKAR [10X15ME413] & SHIVAMURTHY MATHAPATI [10X15ME417] of The Oxford College of Engineering, Bangalore in the partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Vishveswaraya Technology University, Belagavi, during the year 2017-18. The project report has been approved as it satisfies the academic requirements in respect of seminar prescribed for the said degree.



Signature of Guide

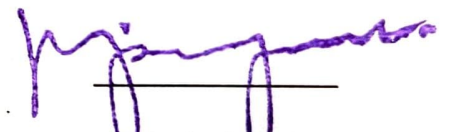
Mr. Suhas V



Signature of H.O.D

Prof. & Head
Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Dr. N.B. Doddapattar



Principal COE

Dr. R.V. Praveena Gowda

Dr. R.V. Praveena Gowda

Principal

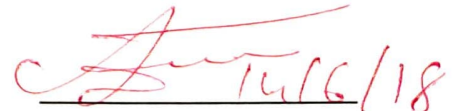
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

External Viva

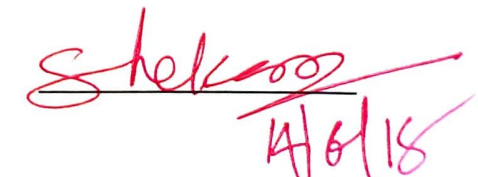
Name of Examiners

Signature with Date

1. 


14/6/18

2. 


14/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560068
(Affiliated to VTU, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled "SOLAR POWERED WEED REMOVING AND PESTICIDE REMOVING MACHINE" carried out by N V KARTIK (10X14ME052), NANDAN N (10X14ME057), H SWARAJ SHETTY(10X14ME023), MAHESH R (10X15ME409) bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Mr. RAVIPRAKASH M
Guide, Asst Professor, TOCE

PROFESSOR & HEAD
Dr. N.B. DODDAPATAR
Professor & HOD, Dept of MECH

Dr. R.V. PRAVEENA GOWDA
Principal, TOCE

Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Viva

Name of the Examiners

1. Dr. N.B. Doddapatar
2. K.N. Shashidhar

Signature with Date

THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BENGALURU-68
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled "OPTIMIZATION AND FABRICATION OF SMART PV MODULE SYSTEM USING LDR SENSOR" carried out by HARISH KUMAR S (10X14ME025), KARTHIK CHANDRAKANTH PATIL (10X14ME035), LIKHITH GOWDA C S (10X14ME040), HARIPRASHANTH D (10X15ME405) bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

for

Mr. Vidyadhar Pujar
Guide, Asst. Professor TOCE

for

12/6/18

Dr. N.B. Doddapattar
PROFESSOR & HEAD
H.O.D Dept. of ME

Dr. R.V. Praveena Gowda
Principal, TOCE

DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

1. Dr. N.B. Doddapattar
2. K.V. Shashishekar

Signature with Date

13/6/18

13/6/18

(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled “DESIGN AND FABRICATION OF SOLAR BASED AUTOMATIC IRRIGATION SYSTEM ON SENSING AND TESTING OF SOIL MOISTURE” carried out by AAVESH (10X14ME090), HASNAPPA (10X14ME091), RAVI (10X14ME092) bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


14/6/18
Mr. Abhijith M

Guide, Asst. Professor, TOCE


Dr. N.B. Doddapattar

H.O.D Dept. of ME


Dr. R.V. Praveena Gowda

Principal, TOCE



Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 088

External Viva

Name of the Examiners

1. Dr. N.B. Doddapattar
2. K.N. Shankhishelkar

Signature with Date


14/6/18

15/6/18

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled "OPTIMIZATION AND FABRICATION OF SMART PV MODULE SYSTEM USING LDR SENSOR" carried out by HARISH KUMAR S (10X14ME025), KARTHIK CHANDRAKANTH PATIL (10X14ME035), LIKHITH GOWDA C S (10X14ME040), HARIPRASHANTH D (10X15ME405) bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

for

Mr. Vidyadhar Pujar
Guide, Asst. Professor TOCE

for

12/6/18

Dr. N.B. Doddapattar
PROFESSOR & HEAD
H.O.D Dept. of ME

Dr. R.V. Praveena Gowda
Principal, TOCE

DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALURU-560 068

Dr. R.V. Praveena Gowda
Principal
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Bengaluru-560 068

External Viva

Name of the Examiners

1. Dr. N.B. Doddapattar
2. K. N. Shashishankar

Signature with Date

12/6/18

12/6/18

(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled “**DESIGN AND FABRICATION OF SOLAR BASED AUTOMATIC IRRIGATION SYSTEM ON SENSING AND TESTING OF SOIL MOISTURE**” carried out by AAVESH (10X14ME090), HASNAPPA (10X14ME091), RAVI (10X14ME092) bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

College
14/6/18
Mr. Abhijith M
Guide, Asst. Professor, TOCE

[Signature]
Dr. N.B. Doddapatar
H.O.D Dept. of ME

[Signature]
Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Viva

Name of the Examiners

- Dr. N.B. Doddapatar*
- K. V. Shashishekar*

Signature with Date

[Signature]
15/6/18
[Signature]
15/6/18

THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BENGALURU-68
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled "FABRICATION OF CAR THEFT AND ACCIDENT PREVENTER" carried out by GOWTHAM.D(10X13ME047), PRAKASH.N(10X15ME412), YUVA PRASAD(10X15ME421), bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

[Signature]
14/05/2018

[Signature]
Prof. & Head

[Signature]

Mr. SHIVASHESHADRI.M

Dr. N.B.Doddapatar

Dr. R.V.Praveena Gowda

Guide, Asst. Professor TOCE

H.O.D, Dept of ME

Principal, TOCE

Dr. R V Praveena Gowda

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

1. *Dr. N.B. Doddapatar*
2. *K.N. Shashikumar*

Signature with Date

[Signature] 14/6/18
[Signature]
14/6/18

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE- 560068

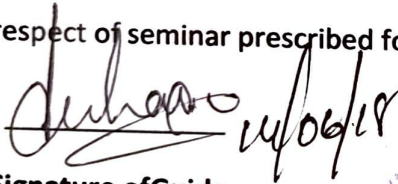
(Affiliated to VTU & approved by AICTE)

DEPARTMENT OF MECHANICAL ENGINEERING

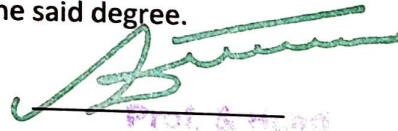


CERTIFICATE

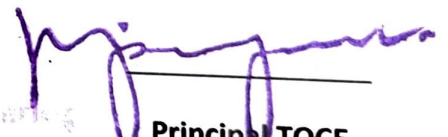
This to certify that the Project work entitled "TO STUDY MECHANICAL PROPERTIES OF ALUMINIUM ALLOYS REINFORCED WITH SILICON CARBIDE & FLY ASH A HYBRID METAL MATRIX COMPOSITES" carried out by the students YOGESH KUMAR [10X14ME088], HANOCH NADAKATTIN [10X15ME404], RAHUL SAHUKAR [10X15ME413] & SHIVAMURTHY MATHAPATI [10X15ME417] of The Oxford College of Engineering, Bangalore in the partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Vishveswaraya Technology University, Belagavi, during the year 2017-18. The project report has been approved as it satisfies the academic requirements in respect of seminar prescribed for the said degree.


Signature of Guide

Mr. Suhas V


Signature of H.O.D

Dr. N.B. Doddapattar


Principal TOCE

Dr. R.V. Praveena Gowda

Dr. R V Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068


Signature with Date

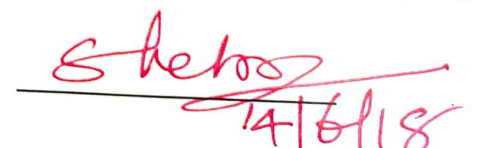
External Viva

Name of Examiners

1. Dr. N. B. Doddapattar

2. K. N. Shashishekar


12/6/18


14/6/18


THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BENGALURU-68
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

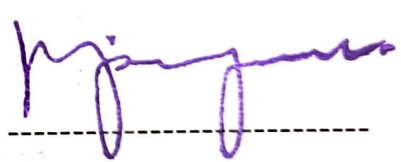
Certified that the project entitled "FABRICATION OF CAR THEFT AND ACCIDENT PREVENTER" carried out by GOWTHAM.D(1OX13ME047), PRAKASH.N(1OX15ME412), YUVA PRASAD(1OX15ME421), bona-fide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.


14/06/2018

Mr. SHIVASHESHADRI M.
Guide, Asst. Professor TOCE





Prof. & Head
Dr. N.B. Doddapattar
H.O.D., Dept. of ME





Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

1. 
2. 

Signature with Date



14/6/18

THE OXFORD COLLEGE OF ENGINEERING

Bommanhalli, Hosur Road, Bengaluru – 560068.

Department of Mechanical Engineering



Certificate

This is to certify that the Project Work entitled **“DEVELOPMENT OF ALUMINIUM BASED COMPOSITE TO EVALUATE CORROSION AND WEAR BEHAVIOUR”** carried out by **NAGA VINAY (10X14ME054), QUAMRUL HASSAN(10X14ME061), RAGHU N(10X14ME063), SRIDHAR SAI B (10X14ME074)** bonafide students of **The Oxford College of Engineering**, in partial fulfillment for the award of **Bachelor of Engineering in Mechanical Engineering** of **Visvesvaraya Technological University, Belgaum** during the academic year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

FO 51


18/6/18

Mr. Prasad H Nayak
Project Guide



Dr. N. B. Doddapattar
H.O.D

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068



Dr. R.V. Praveena Gowda
Dr. Principal, TOCE
Principal

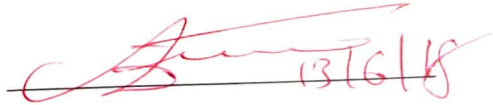
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Dr. N. B. Doddapattar


13/6/18

2. K. V. Shrikishor


13/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “**Studies on Fabrication of Microbial Barrier Fabric for Respiratory Protection**” carried out by Ms. ADITI M (USN 10X14BT001), Ms. AISHWARYA B (USN 10X14BT002), Ms. KRITHIKA VENKATESH (USN 10X14BT025), Mr. PAREEKSHITH (USN 10X14BT035), a bonafied student of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of Bachelor of Engineering in **BIOTECHNOLOGY** of the Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Dr.Kusum Paul

Kusum Paul

Signature of the Guide

Dr.B. K Manjunatha

B.K Manjunatha

Signature of the HOD, The Oxford College of Engineering
Dr. B.K MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 068.

Dr.R.V PraveenaGowda

R.V Praveena Gowda

Dr. R.V Praveena Gowda
Principal
Department of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the examiners
with date

1. *Shobha* 13/6/18

2. *B.K Manjunatha* 13/6/18

Signature

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

BOMMANAHALLI, BANGALORE – 560068

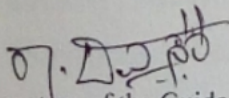
DEPARTMENT OF BIOTECHNOLOGY



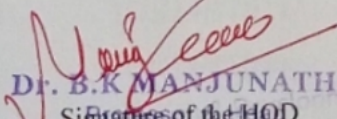
CERTIFICATE

Certified that the project work entitled "STUDY OF ANTIBACTERIAL ACTIVITY AND GREEN SYNTHESIS OF GOLD NANOPARTICLES FROM ACTINOMYCETES" carried out by Ms. ALMAS FATHIMA (10X14BT003), Ms. DAANIYAH BELGAMI (10X14BT011), Ms. SS NAZIA SABA (10X14BT040) and Ms. SMRITI AURORA (10X14BT044) bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

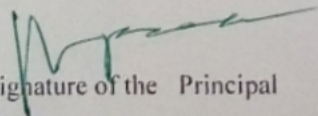
Mr. Divakara R


Signature of the Guide

Dr. B K Manjunatha

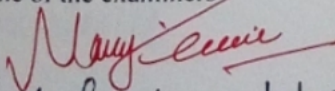
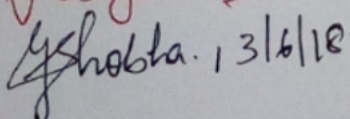

Dr. B.K MANJUNATHA
Signature of the HOD
Department of Biotechnology
The Oxford College of Engineering
Bangalore - 560 068.

Dr. R V Praveena Gowda


Signature of the Principal
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

External Viva

Name of the examiners

1. 
2.  13/6/18

Signature with date
Dr. B.K. Manjunatha 13/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgavi)

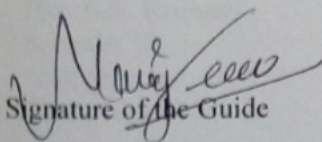
BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



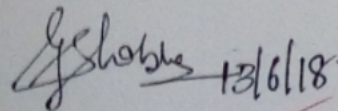
CERTIFICATE

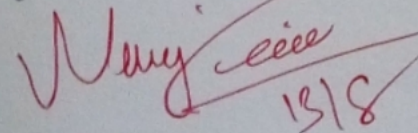
Certified that the project work entitled "PREPARATION OF MAGNETIC NANOPARTICLES AND THEIR SUBSEQUENT USE FOR SEPARATION / CONCENTRATION OF BACTERIA" carried out by Ms. ANUSHA SINHA (USN 10X14BT005), Ms. INCHARA. V (USN 10X14BT019) and Ms. SHRUTHI. L (USN 10X14BT041), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belgavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

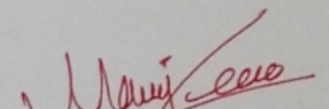

Signature of the Guide

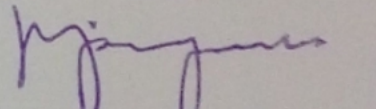
External Viva

Name of the examiners

1.  13/6/18

2.  13/18


Dr. V. Narayana
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 068


Signature of the Principal
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum)

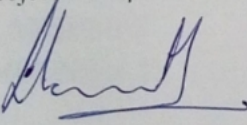
BOMMANAHALLI, BANGALORE – 560068

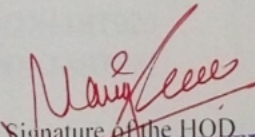
DEPARTMENT OF BIOTECHNOLOGY

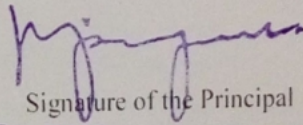


CERTIFICATE

Certified that the project work entitled "SIGNIFICANCE ANALYSIS OF TARGET PROFILE IN TUBERCULOSIS USING GENE INTERACTION AND INSILICO DOCKING APPROACH TO FIND POTENTIAL LIGANDS" carried out by Ms. APEKSHA, CHANDANA N, LAKSHMI S, MOUNIKA S, USN 10X14BT007, 10X14BT010, 10X14BT026, 10X14BT031 a bonafide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visveswaraya Technological University, Belgaum during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

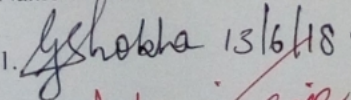

Signature of the Guide

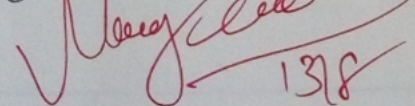

Signature of the HOD
Dr. B.K. MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru - 560 068.


Signature of the Principal
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Viva

Name of the examiners

1.  13/6/18.

2.  13/6/18

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “PURIFICATION, CHARACTERIZATION OF PLANT LECTINS AND *IN VITRO* STUDY OF THEIR BIOLOGICAL ACTIVITY” carried out by Ms. B. PREETHI (USN 10X14BT008), Ms. NISHA. S (USN 10X14BT034), Ms. PRIYADHARSHINI. M (USN 10X14BT037), Mrs. M. VAISHALI KRISHNA (USN 10X13BT017), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of the degree of Bachelor of Engineering in Biotechnology of the Visveswaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

TK Gowda

Signature of the Guide

Dr. B.K. Manjunatha

Signature of the HOD
DR. B.K. MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru - 560 068

Dr. RV Praveena Gowda

Signature of the Principal
Dr. RV Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Viva

Name of the examiners

1. *G. Shobha* 13/6/18.

2. *Dr. S.K. Manjunath*

Signature with date

Dr. RV Praveena Gowda
13/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “**METAGENOMIC STUDY OF *Mycobacterium tuberculosis* WITH HUMAN GENOME: HOST-PATHOGEN STUDY**” carried out by Ms. **B S RITHU (USN 10X14BT009)**, Mr. **HARISH M (USN 10X14BT017)**, Ms.

K SOUNDARYA VADHULAS (USN 10X14BT023), a bonafied students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **Bachelor of Engineering in BIOTECHNOLOGY** of the **Visvesvaraya Technological University, Belagavi** during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Ramesh Chaudhuri
Signature of the Guide

External Viva

Name of the examiners
with date

1. *Dr. M. K. Manjmath*

2. *G. Shobha*
13/6/18

[Signature]
Signature of the HOD
DR. B. R. MANJUNATH
Professor & Head

[Signature]
Signature of the Principal
DR. R. V. Praveena Gowda
Principal

Department of Biotechnology
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Signature

[Signature]
13/6/18

THE OXFORD COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belgaum)
BOMMANAHALLI, BANGALORE-560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled “**Optimization of Bioremediation of PAHs in Used Engine Oil using fungal consortium**” has been carried out by **Drishya T D.** (USN 10X14BT013), **Durgashree C.** (USN 10X14BT014), **Sisira Anil.** (USN 10X14BT043), **SriRaksha H G.** (10X14BT045) in partial fulfilment for the award of Bachelor of Engineering in **Biotechnology** of **Visvesvaraya Technological University, Belgaum** during the year 2017 – 2018. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Project Guides
Dr. B. K. Manjunath
Mrs. K. Valarmathy
Dr. B. K. Manjunath
Mrs. K. Valarmathy
Dept of Biotechnology

HOD
Dr. B. K. Manjunath
Dr. B. K. Manjunath
Dept of Biotechnology
POCE
B. K. MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 063.

Dr. R. V. Praveena Gowda
Principal
Dr. R. V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of examiners

- Dr. B. K. Manjunath*
- Durgashree C. 13/6/18*

Signature with date
Dr. B. K. Manjunath 13/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

BOMMANAHALLI, BANGALORE - 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled "CONSTRUCTION OF CANCER DISEASOME THROUGH GRAPH THEORITICAL APPROACH" carried out by Mr. CHETAN (10X14BT016) and Mr. SHUJAAT AFZAL (10X14BT042), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of the degree of Bachelor of Engineering in Biotechnology of the Visveswaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Tanusree Chaudhuri

Signature of the Guide

Signature of the HOD
Dr. B.K. MANJUNATHA

Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 088.

Signature of the Principal
Dr. RV Praveena Gowda

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 088

External Viva

Name of the examiners

1. Shobha G.

2. Dr. B.K. Manjunath

Signature with date

Signature with date
13/6/18
Signature

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

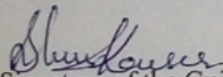
BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “ISOLATION AND CHARACTERIZATION OF METHANOGENIC BACTERIA FROM LOCAL ENVIRONMENT AND COMPARATIVE STUDY OF KINETICS WITH TRADITIONAL BIOGAS PRODUCERS” carried out by Ms. HARSHITHA ANANTHARAMA USN (10X14BT018), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belagavi during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

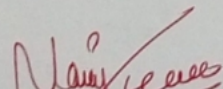

Signature of the Guide

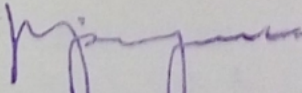
External Viva

Name of the examiners

1. Shobha G

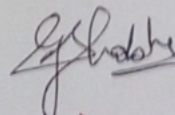
2. Dr. B. Manjunath

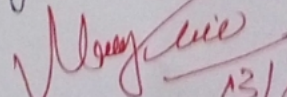

Signature of the HOD
Dr. B. K. MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 068.


Signature of the Principal

Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

 13/6/18

 13/6

THE OXFORD COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belgaum)
BOMMANAHALLI, BANGALORE – 560068
DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “ IN VITRO , IN VIVO , IN SILICO STUDIES ON THE PHYTOCONSTITUENTS OF THE PLANTS *Gloriosa superba* , *Memecylon umbellatum* , *Pimenta dioica* , AND *Cyclea peltata* . “Carried out by Ms NIDA S KHAN, MADHUKINLS, TAPASYA B SINGH, USN 10X14BT033, 10X14BT029, 10X14BT046, a bonafide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of **Bachelor of Engineering in BIOTECHNOLOGY** of the **Visveswaraya Technological University, Belgaum** during the year 2017-18. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Maryeese

Signature of the HOD

Maryeese
Dr. B. K. M. N. NATHA
Professor & Head
External Viva

Signature of the Principal

Maryeese
Dr. R. V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the examiners

1. *Shobha G.*
2. *Dr. Dr. Maryeese*

Signature with date

Shobha G. 13/6/18
Maryeese 13/6/18

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THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



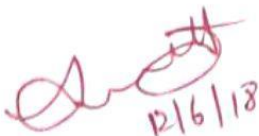
DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "Odour Regulation- A Solution to Control Odour from Municipal Solid Waste Management Plant" carried out by our bonafide students

Karthik Kumar V	10X14CV029
Justin K Mathews	10X14CV027
Karthik H	10X14CV028
Gowtham DH	10X14CV021

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


2/16/18

GUIDE
AMRUTH K
Asst. Professor



HOD
Dr. AMARNATH K
Dept. of Civil Engg.



PRINCIPAL
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal

Head of the Department
Department of Civil Engineering

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name and signature of Examiner-1

Name and signature of Examiner-2

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



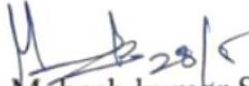
DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE


This is to certify that the project entitled "A study on preparation of feasibility report for implementing stradding bus technalogy for banglore" carried out by our bonafide students

KUSHAL S	10X15CV401
NISARGA	10X14CV022
BHARATH KUMAR	10X14CV12
PRABHU R	10X14CV010

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mr. Mahesh kumar S
Asst. Professor
(Dept. of Civil Engg)
Asst. Professor


HOD
Dr. AMARNATH K
Dept. of Civil Engg.



PRINCIPAL
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal

University examiners:
Name of Examiners

- 1) RAKSHITHA J
- 2) VENKATESHA K.V

External Viva

Signature


venkatesh

Head of the Department
Department of Civil Engineering
The Oxford College of Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



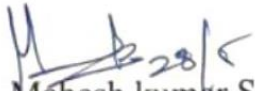
DEPARTMENT OF CIVIL ENGINEERING


CERTIFICATE

This is to certify that the project entitled "Analysis of structures using ansys ,
Staad-pro and Matlab" carried out by our bonafide students

RINKESH KUMAR	10X15CV400
PRAKHAR MANI	10X14CV009
DEVARAJ KHOMDRAM	10X14CV012

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mr. Mahesh kumar S
Asst. Professor
(Dept. of Civil Engg)
Asst. Professor


HOD
Dr. AMARNATH K
Dept. of Civil Engg.


PRINCIPAL
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal


University examiners:

Name of Examiners

External Viva

Signature

- 1) RAKSHITHA J
- 2) VENKATESHA K.V


Rakshitha J
Venkatesha

Head of the Department
Department of Civil Engineering
The Oxford College of Engineering
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

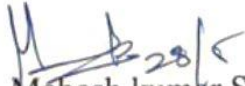
THE OXFORD COLLEGE OF ENGINEERING

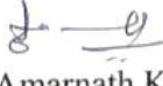
BOMMANAHALLI, BANGALORE- 560068



CERTIFICATE

This is to certify that the project work entitled "STRENGTH STUDIES ON SILICA FUME BASED GEO POLYMER CONCRETE" carried out by Ans babu P(1ox15cv400), Praveen kumar S.R(1ox15cv408), Kiran D(1ox15cv406), Yashaswini B.N(1ox14cv089) are bonafide students of "The Oxford College of Engineering". In partial fulfillment for the award of the "Degree of Bachelor of Engineering". Prescribed by Visvesvaraya Technological University, Belagavi during the academic year 2017-2018. It is certified that all the suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library, the project report has been approved as it certifies the academic requirements in respect of project work prescribed for the said degree.


Mr. Mahesh kumar S
Asst. Professor
(Dept. of Civil Engg)


Dr. Amarnath K
H.O.D
(Dept. of Civil Engg)


Dr. R.V Praveena Gowda
Principal
TOCE, Bangalore

Head of the Department
Department of Civil Engineering
Oxford College of Engineering
Bangalore-560 068.

Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Internal Examiner

External Examiner

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



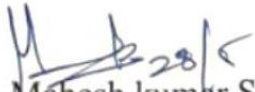
DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE


This is to certify that the project entitled "**Experimental study of cold bonded ggbs ggbs aggregates utilized in concrete**" carried out by our bonafide students

KISHORE DABBADI	10X15CV408
NAIVEDYA K S	10X14CV022
RAGHAVENDRA C B	10X14CV008
SHRUTHSHRIG	10X14CV002

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Mr. Mahesh Kumar S
Asst. Professor
(Dept. of Civil Engg)
Asst. Professor


HOD
Dr. AMARNATH K
Dept. of Civil Engg.


PRINCIPAL
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal


University examiners:

Name of Examiners

- 1) RAKSHITHA J
- 2) VENKATESHA K V

External Viva

Signature


venkatesh

Head of the Department
Department of Civil Engineering
The Oxford College of Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "Stabilization of black cotton soil using ggbs" carried out by our bonafide students

ASHAS	10X15CV408
RAJASHREE R	10X14CV022
HARISH KUMAR B	10X14CV008
SACHIN KUMAR G K	10X14CV002

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

26/06/17
Project Guide

Dr. Kanchangauri
Assistant Professor

TOCE Activate Window

University examiners

Name of Examiners

- 1) RAKSHITHA J
- 2) VENKATESHA K V

HOD

Dr. AMARNATH K
Dept. of Civil Engg.

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

External Viva

PRINCIPAL

Dr. R V PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068

Signature

Rakshitha J
Venkatesh

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068
(Affiliated to VTU and approved by AICTE)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "Experimental study on no fines concrete and coconut fibers reinforced concrete" carried out by our bonafide students

BASAVARAJU N J	10X14CV019
CHEZHAN KUMAR	10X14CV028
KIRAN S	10X14CV 033
PAVITHRA V	10X14CV029

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

(Signature)
26/06/17

Project Guide

Dr. Kanchangauri
Assistant Professor

TOCE Activate Window

University examiners.

Name of Examiners

- 1) RAKSHITHA J
- 2) VENKATESHA K.V

(Signature)
HOD

Dr. AMARNATH K
Dept. of Civil Engg.

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

External Viva

(Signature)
PRINCIPAL

Dr. R V PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068

Signature

(Signature)
Rakshitha J
Venkatesh

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)




DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE


This is to certify that the project entitled "**Personal rapid transit -A modern approach to tackle bengalurus traffic problems**" carried out by our bonafide students

PREETHAM K	1OX14CV016
NAGE GOWDA N	1OX14CV034
ROOPESH K	1OX15CV408
MARILINGA S	1OX15CV409

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


DR. MALLESHAIAH
Asst. Professor
TOCE, BANGALORE


HOD
Dr. AMARNATH K
Dept. of Civil Engg.
Head of the Department


PRINCIPAL
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal



Department of Civil Engineering
The Oxford College of Engineering
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

University examiners:
Name of Examiners

External Viva

Signature

- 1) RAKSHITHA J
- 2) VENKATESHA K V

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



DEPARTMENT OF CIVIL ENGINEERING


CERTIFICATE


This is to certify that the project entitled "Study of geopolymer concrete with varying proportions and different types of curing" carried out by our bonafide students

HARISH KUMAR B	10X14CV016
SANJAY BARADWAJ B	10X14CV034
VINAY TAKKALAKI	10X15CV408
Y VISHNU VARDHAN	10X15CV409

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


DR. MALLESHAIAH
Asst. Professor
TOCE, BANGALORE


HOD
Dr. AMARNATH K
Dept. of Civil Engg.


PRINCIPAL
Dr. R V PRAVEENA GOWDA
Principal



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Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

University examiners.
Name of Examiners

External Viva

Signature

- 1) RAKSHITHA J
- 2) VENKATESHA K.V

E
S
V
Y

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "Experimental study on cellular form concrete and sawdust concrete" carried out by our bonafide students

MOHAN KUMAR.MC	10X14CV018
SUDARSHAN DK	10X14CV026
TEJAS K	10X15CV403
CHANDRASHA	10X15CV404

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

A.V. Gowri
Mrs. Vijaya Gowri

Project Guide

Asst. Professor

TOCE, BANGALORE

[Signature]
HOD

Dr. AMARNATH K
Dept. of Civil Engg.

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

[Signature]
PRINCIPAL

Dr. R V PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068

University examiners.

Name of Examiners

External Viva

Signature

1) RAKSHITHA J

2) VENKATESHA K.V

[Signature]
venkath

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALUR-560068

(Affiliated to VTU and approved by AICTE)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "Reusing of domolished materials for pavement construction" carried out by our bonafide students

DATTATRI	10X14CV051
DEEPAK DUBE	10X14CV044
GOWTHAMN	10X14CV048
MURALIDHARAS	10X15CV409

of Civil Engineering in partial fulfilment for the award of Bachelor of Engineering in The Oxford College of Engineering, Bengaluru of Visvesvaraya Technological University, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

A.V. Gowri
Mrs. Vijaya Gowri

Project Guide

Asst. Professor

TOCE, BANGALORE

[Signature]
HOD

Dr. AMARNATH K
Dept. of Civil Engg.

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

[Signature]
PRINCIPAL

Dr. R V PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru - 560 068

University examiners

Name of Examiners

External Viva

Signature

1) RAKSHITHA J

2) VENKATESHA K.V

[Signature]
[Signature]

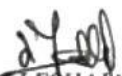
DEPARTMENT OF CIVIL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project entitled "STABILISATION OF WEAK SOIL BY USING LIME AS ADMIXTURE" has been carried out by Yashavantha R (10X14CV090), Ramesh C M (10X15CV410), Sandeep Kumar L (10X14CV411), Shrishail Nemagoudar (10X15CV412), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.


Dr. M. L. SHAIKH
Assistant Professor
(Dept. of Civil engg)


Dr. A. M. NADK
H.O.B
Head of the Dept.
(Dept. of Civil Engg)
Department of Civil Engineering
The Oxford College of Engineering
Bangalore-560068.

Dr. R. V. PRAVEENAGOWDA
Principal, TOCE

Name of the Examiners
1. _____
2. _____

Signature with Date

Shri Chaitanya

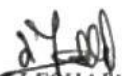
**DEPARTMENT OF CIVIL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068**

(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the Project entitled **"STABILISATION OF WEAK SOIL BY USING LIME AS ADMIXTURE"** has been carried out by Yashavantha R (10X14CV090), Ramesh C M (10X15CV410), Sandeep Kumar L (10X14CV411), Shrishail Nemagoudar (10X15CV412), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering** of Visvesvaraya Technological University, Belagavi during the year 2017-2018. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.


Dr. M. L. SHAIKH
Assistant Professor
(Dept. of Civil engg)


Dr. A. M. NADK
H.O.B
Head of the Dept.
(Dept. of Civil Engg)
Department of Civil Engineering
The Oxford College of Engineering
Bangalore-560068.

Dr. R. V. PRAVEENAGOWDA
Principal, TOCE

Name of the Examiners
1. _____
2. _____

Signature with Date

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru - 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)
DEPARTMENT OF AUTOMOBILE ENGINEERING

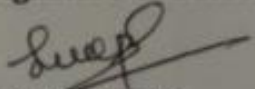


CERTIFICATE

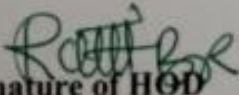
This is to certify that the Project titled "TRANSMISSION OF POWER TO BICYCLE BY USING CONSTANT FORCE SPRING" has been carried out by KUMARA V (IOX14AU039), PRATHAP G S (IOX14AU024) and TANVEER KHAN (IOX14AU039), bonafide student of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 - 2018.

It is certified that all suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.

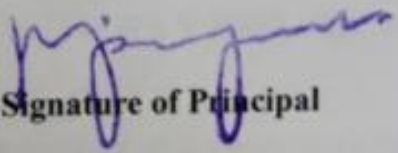
Signature of Guide


Prasanna S M

Signature of HOD

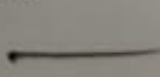
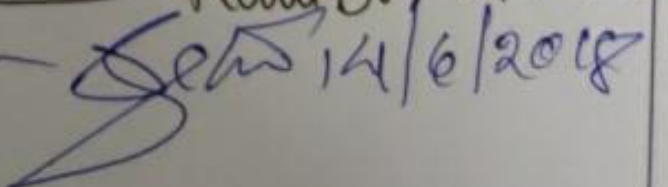

Dr. Raju B R
Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560068

Signature of Principal


Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Examiners

Name and Signature of the examiners with date

1. Dr. Raju B R —  14/6/18
2. Dr. Shridhal Kasse —  14/6/2018

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the Project Report on topic "EXPERIMENTAL INVESTIGATION ON MECHANICAL CHARECTERISTICS OF GLARE LAMINATES (AL 2024 T3) WITH DIFFERENT STACKING SEQUENCES" has been successfully presented at The Oxford College of Engineering by Abhilash J Inamdar (1OX14AU001), Akshaykumar (1OX14AU002), Brahma Teja M (1OX15AU404), Pramodha S (1OX15AU409) in partial fulfillment of the requirements for the *VIII Semester degree of Bachelor of Engineering in Automobile Engineering of Visvesvaraya Technological University, Belgaum* during academic year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Seminar work for the said degree.


Dr. Raju B R

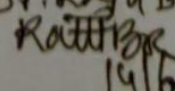
[Project Guide] Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanaballi, Hosur Road
560 068


Dr Raju B R

Head of the Department
Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanaballi, Hosur Road
560 068

[EXAMINER]

1. Internal Examiner
2. External Examiner

Dr. Raju B R

14/6/2018
DR. R V PRVEEN GOWDA
Dr. R V Praveena Gowda
Principal Principal
Oxford College of Engineering
Bommanaballi, Hosur Road
Bengaluru - 560 068

S.S. Shridhar

14/6/2018

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru - 560068
(Affiliated to VTU and approved by AICTE)

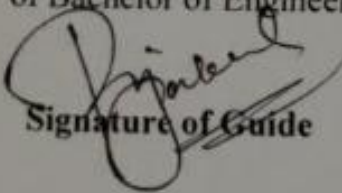
Department of Automobile Engineering




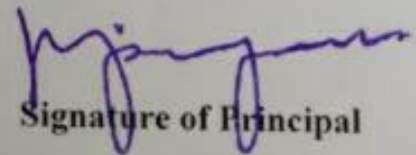
CERTIFICATE

This is to certify that the Project titled "Simulation of Control of High beams based on the speed of the vehicle" has been carried out by Keerthi Narayana Prasad N (10X14AU011), Sumanth M P (10X14AU012), Narayanan I (10X14AU017) bonafide student of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 - 2018.

It is certified that all suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.


Signature of Guide


Signature of HOD


Signature of Principal

Priyankar R Dhole

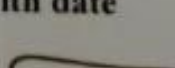
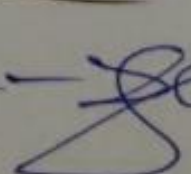
Professor & Head
Dr. Raju B R
Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068.

Dr R V Praveena Gowda
Dr. RV Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

External Examiners

Name and Signature of the examiners with date

1. Dr. Raju B R —  14/6/18
2. Dr. Sridhar Kulkarni —  14/6/2018

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore - 560068

(Affiliated to VTU and approved by AICTE)

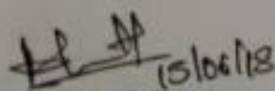
Department of Automobile Engineering

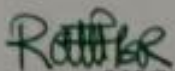


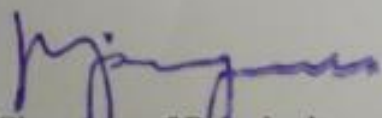
CERTIFICATE

This is to certify that the Project entitled "TROUBLESHOOTING OF TWO WHEELER FUEL INJECTION VEHICLES BY IMPLEMENTING UNIVERSAL DIAGNOSTIC TOOL ES-300" has been carried out by KARAN V (10X15AU406), SHUBHAM PAL (10X14AU033), SANDEEP YADAV N (10X14AU027), VINAY S (10X15AU411) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of Visvesvaraya Technological University, Belgaum during the year 2017 - 2018.

It is certified that all suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.


Signature of Guide
Mr MARUTHI S B


Signature of HOD
Dr. RAJU B R


Signature of Principal
Dr. R V Praveena Gowda
Dr. R V Praveena Gowda

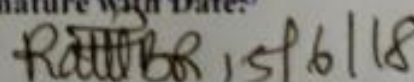
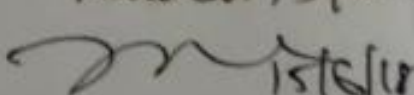
Name of Examiners:

1. Dr. Raju B R
2. Dr. H N Swach

Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Hosur Road

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Signature with Date:

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru - 560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the project entitled "PNEUMATIC PRESSURISED VEHICLE" has been successfully presented by JOSHUA N (10X14AU009), NIKHIL M KUMAR (10X14AU020), SUMAN M.V. (10X14AU035), ABHISHEK REDDY B.A. (10X15AU400) bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in Automobile Engineering of the Visveswaraya Technological University, Belgaum, during the year 2017-2018.

The project report has been approved as it satisfies the academic requirements in respect of Seminar prescribed for the said Degree of Bachelor of Engineering.

Signature of Guide

Mr. PRASANNA S M

Signature of Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560068

Dr. RAJU B R

Signature of Principal

Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of Examiner

1. Dr. Raju B R
2. Dr. H N Jeevan

Signature

Raju B R 15/6/18
H N Jeevan 15/6/18

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanhalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)
DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the project work entitled **“INVESTIGATION ON MECHANICAL AND TRIBOLOGICAL CHARACTERIZATION OF NANO PARTICULATE FILLED FIBER REINFORCED HYBRID COMPOSITES FOR AUTOMOBILE APPLICATIONS”** carried out by **Mr. SHREYAS SHENOY (10X14AU032), Mr. SOMANNA K K (10X14AU034), Mr. SUPREETH SHETTY(10X14AU038) and Mr. VASUKI K (10X14AU042)**, bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of **Bachelor of Engineering in Automobile Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2017–2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Project Guide and HOD

Dr. RAJU B R

Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068.

Principal

Dr. PRAVEENA GOWDA

Dr. RV Praveena Gowda

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of Examiners

1. **Dr. Raju BR** —

2. **Dr. H N Suresh**

Signature with Date

Raju BR 15/6/18

[Signature] 15/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore - 560068

(Affiliated to VTU and approved by AICTE)

Department of Automobile Engineering



CERTIFICATE

This is to certify that the project entitled **“DESIGN DEVELOPMENT OF ELECTROSTATIC PRECIPITATOR ON ELECTRIC VEHICLES”** has been carried out by ANIL NR (10X14AU004), B.S VINOD KUMAR (10X14AU007), G DINESH KIUMAR (10X14AU008) and NIKHIL MK (10X14AU019) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of Visvesvaraya Technological University, Belagavi during the year 2017 - 2018.

The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.

Signature of Guide

Dr. RAJU B R

Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road

Name of the Examiners

Signature of HOD

Dr. RAJU B R

Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068.

EXTERNAL VIVA

Signature of Principal

Dr. R V. PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Signature with Date

1. Dr. Raju B R —

2. Dr. Shridhar Kulkarni —

Signature with Date
RajubR 14/6/18
R V Praveena Gowda 14/6/2018

THE OXFORD COLLEGE OF ENGINEERING


Hosur Road, Bommanahalli, Bangalore-560068
(Affiliated to VTU and approved by AICTE)

Department of Automobile Engineering



CERTIFICATE

This is to certify that the seminar work entitled "TWO WHEELED SELF BALANCING ROBOT" has been carried out by ROHIN BABY JOHN (10X13AU026), SREERAM KJ (10X12AU044), SOORAJ KUMAR (10X13AU044), GAUTHAM T (10X12AU023) a bonafide student of the oxford college of engineering, Bangalore in partial fulfilment for the award of Bachelor of engineering in AUTOMOBILE ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2017-2018


Signature of Guide

Mr. Maruthi.S.B

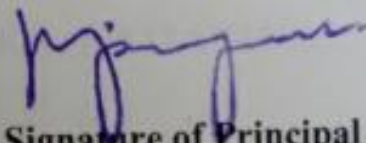

Signature of HOD

Dr. B.R. Raju
Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
560 068

Name of Examiner

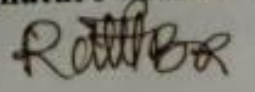
1. Dr. Raju BR

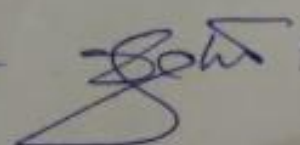
2. Dr. Sridhar Karke


Signature of Principal

Dr. R.V. PRAVEENAGOWDA
Dr. RV Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

Signature with date

 14/6/18

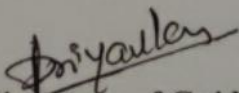
 14/6/2018

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)
DEPARTMENT OF AUTOMOBILE ENGINEERING

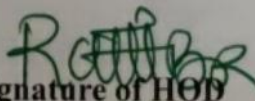


CERTIFICATE

Certified that the project work entitled **“INaNALYSIS OF TURBOCHARGER FOR REDUCING TURBOLAG”** carried out by **Mr. MALCOM J FERNANDES** (10X14AU013), **Mr. NATESH BIRUGU** (10X14AU018), **Mr. PRAJWAL R**(10X14AU023) and **Mr. THRILOCHAN R K** (10X14AU040), bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017–2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

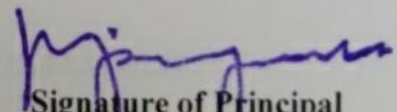

Signature of Guide

Mr. PRIYANKAR R DHOLE


Signature of HOD

Dr. RAJU B R
Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068


Signature of Principal

Dr. R V. PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal

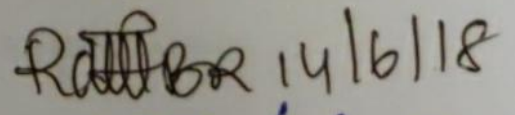
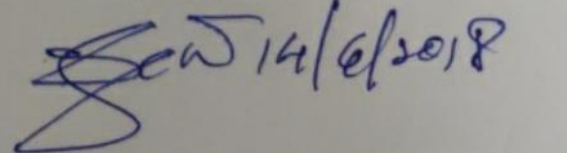
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of Examiners

1. Dr. Raju B R —

2. Dr. Shudhas Kuse

Signature with Date

 14/6/18
 14/6/2018

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru - 560068

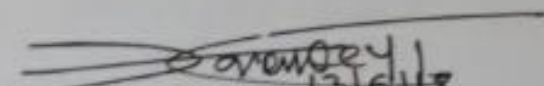
(Affiliated to Visveswaraya Technological University and approved by AICTE)

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the project work entitled "**FABRICATION OF ELECTRICAL MOTORBIKE**" carried out by Mr. SUNIL KUMAR J G (10X14AU037), Mr. ABHISHEK Y C (10X15AU401), Mr. ANAND GOWDA (10X15AU402), and Mr. AVINASH B (10X15AU403), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering of Visveswaraya Technological University, Belagavi during the year 2017-2018. It is certified that all suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.

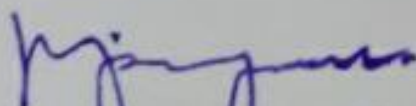

Project Guide

Mr. Sandeep Kumar K Chavan

Assistant Professor


Professor & Head
Department of Automobile Engineering
Head of the Department
Bommanahalli, Hosur Road
Dr. Raju B R

Dept. of Automobile


Principal

Dr. Praveena Gowda R V
Dr. R V Praveena Gowda

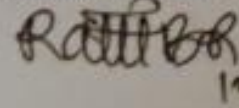
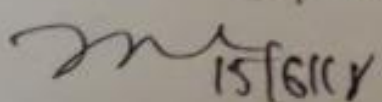
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of Examiners

1. Dr. Raju B R
2. Dr. H N Suran

Signature with Date


15/6/18

15/6/18

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)
Bommanahalli, Bangalore-560068

Department Of Mechatronics Engineering



CERTIFICATE

This is to certify that the project work entitled "AUTOMATED BARREL BORE BRUSHING PROCESS" is a bonafied work carried out by ABHISHEKA S (10X14MT001), PRADEEP E S (10X14MT029), SOUNDARYASRI K S (10X14MT042), and SHRINIVAS D C (10X15MT407) in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2017-2018. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

 31/5/18,  T.R. 

Signature of Guide
Mr. ASHOKA T K

Asst. Professor
Dept. of MTE, TOCE

Name of the Examiners

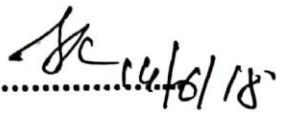
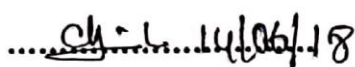
1. DR. JAYANTHI KUMARI T.R.
2. Chandrashekhara.....

Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore-560068

Professor and HOD
Dept. of MTE, TOCE

Signature of the Principal
Dr. R.V. PRAVEENA
GOWDA
The Oxford College of Engineering
Bommanahalli, Bangalore-560068
Principal
TOCE

Signature with date

 16/6/18
 14/06/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068, Karnataka
(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "**FABRICATION OF MANLESS DEFENCE ROBOT**" has been carried out by Mr. Venkatesh U C(1OX15MT408), Mr. Basavaraj (1OX13MT401), Mr Manjunath G(1OX14MT025), Mr Ananta Narayan Biswal(1OX14MT007), bonafide students of **The Oxford College of Engineering, Bangalore** in partial fulfilment for the award of **Bachelor of Engineering in Mechatronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2017-2018**.

It is certified that all corrections/suggestions indicated for the internal assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.

Signature of Guide

Dr. JAYANTHI KUMARI
Professor and HOD, Dept. of MTE, TOCE
Bommanahalli, Bangalore-560068

Name of the Examiners

1. Dr. Jayanthi Kumari

2. Chandrashekhar

Signature of the Principal

Dr. R V PRAVEENA GOWDA

Principal, TOCE

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road,

Belagavi-560068

Signature with Date

..... 14/6/18

..... 14/6/18

The Oxford College of Engineering
(Affiliated to Visvesvaraya Technological University, Belgavi)
Bommanahalli, Bangalore-560068

Department of Mechatronics



CERTIFICATE

Certified that the project entitled "**AUTONOMOUS AERIAL VEHICLE FOR POLLUTION MONITORING**" carried out by Mr CRITON JOSE K with USN 10X14MT011, Mr. MANU THOMAS with USN 10X14MT026, Mr. ROHAN MAGNUS GOVEAS with USN 10X15MT406, Mr. VISHNU RAJENDRAN with USN 10X14MT047 are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Mrs. RAJESWARI

Asst. Professor, Dept of MTE



Dr. JAYANTHI KUMARI T.R

Department of Mechatronics

The Oxford College of Engineering
Bommanahalli, Bangalore 560 068



Dr. R.V. PRAVEENA GOWDA

Principal TOCE

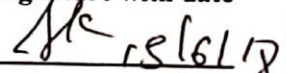
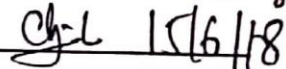
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

External Viva

Name of Examiners

1. Dr. JAYANTHI KUMARI T.R
2. Chandrashekhari L

Signature with date

 15/6/18
 15/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka


DEPARTMENT OF MECHATRONICS ENGINEERING





CERTIFICATE

Certified that the project entitled " MULTIFARIOUS ENDEAVOUR AGROBOT " carried out by Mr. Chetan B.U with USN 10X14MT010, Mr. Jayanth R. with USN 10X14MT020, Mr. Dhananjaya Kumar G.K with USN 10X15MT402, Mr. Shivarjun Kori K.R. with USN 10X15MT411, are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

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Signature of Guide
Mr. Rajesh B

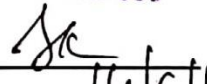

Signature of HOD
Department of Mechatronics
Dr. JAYANTHI KUMARI P.R.
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068



Signature of Principal
Dr. R V PRAVEENA GOWDA
Principal
The Oxford College of Engineering
Bommanahalli, Bangalore
Signature with date
Bengaluru-560 068

Name of the examiners

1. Dr. Jayanthi Kumari P.R.

2. Chanchalhekar L


16/6/18


14/06/2018

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560068

(Affiliated to VTU and approved by AICTE)


DEPARTMENT OF MECHATRONICS ENGINEERING




CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC PESTICIDE SPRAYER WITH IMAGE PROCESSING" has been carried out by Mr. JAYA KRISHNA A (10X14MT019), Mr. PRAJWAL N (10X14MT030), Ms. SUMANA U (10X14MT044), Mr. V BALASUBRAMANYA (10X14MT045) bona fide students of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018.

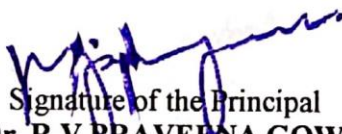
It is certified that all corrections/suggestions indicated for the internal assessment have been incorporated in the report deposited in the departmental Library. The project report has been approved as it satisfies the academic requirements in respect project work prescribed for the Bachelor of Engineering degree.


Signature of Guide
Mr. RAJESH B

Asst. Professor
Dept. of MTE, TOCE


Signature of the HOD
Dr. JAYANTHI KUMARI T R

Prof. & HOD
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068
External Viva-Voce

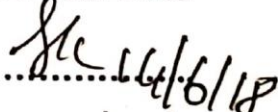
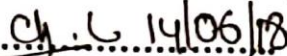

Signature of the Principal
Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda

Principal, TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

1. Dr. JAYANTHI KUMARI T.R
2. Chandrashekhara

Signature with Date


14/6/18

14/06/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068 (Affiliated to
VTU and approved by AICTE)

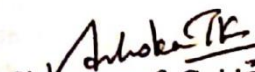
DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "DESIGN OF ELECTRO MECHANICAL LINEAR ACTUATOR" has been carried out by **Ms. GAJALAKSHMI K (IOX14MT015)**, **Mr. VIJAYA KUMAR E (IOX15MT410)**, **Mr. VISHAL U TERADALE (IOX15MT410)**, bonafide students of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018.

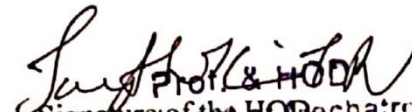
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Signature of Guide 31/6/18.

Mr. ASHOKA T K

Asst. Professor

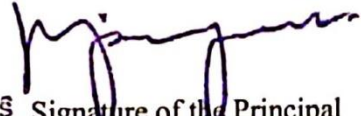
Dept. of MTE, TOCE


Signature of the HOD Mechatronics
Department

Dr. JAYANTHIKUMARI T R
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068

Professor and HOD

Dept. of MTE, TOCE


Signature of the Principal

Dr. R V PRAVEENA GOWDA
Principal


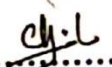
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva-Voce

Name of the Examiners

1. **Dr. JAYANTHI KUMARI T R**
2. **Chandrasekhar L**

Signature with Date

.....  15/06/18
.....  15/06/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka


DEPARTMENT OF MECHATRONICS ENGINEERING

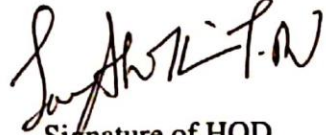


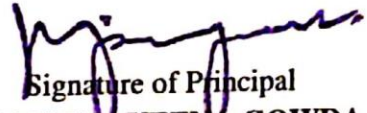
CERTIFICATE

Certified that the project entitled " MULTIFARIOUS ENDEAVOUR AGROBOT " carried out by Mr. Chetan B.U with USN 10X14MT010, Mr. Jayanth R. with USN 10X14MT020, Mr. Dhananjaya Kumar G.K with USN 10X15MT402, Mr. Shivarjun Kori K.R. with USN 10X15MT411, are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

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Signature of Guide
Mr. Rajesh B


Signature of HOD
Dr. JAYANTHI KUMARI T.R.
Department of Mechatronics


Signature of Principal
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Bangalore - 560068

Name of the examiners

1. Dr. JAYANTHI KUMARI T.R
2. Chandrashekhara


Signature with date

14/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING

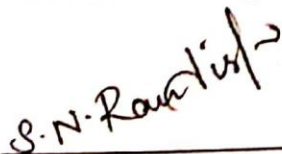


CERTIFICATE

This is to certify that the project work entitled "IOT BASED HOME AUTOMATION SYSTEM USING MULTIPLE STAGE SECURITY" has been carried out by Mr. Dinesh D V (10X14MT013), Mr. Kishan M S (10X14MT023),

Mr. Siddharth S Maradi (10X14MT041), Mr. Narendra C (10X15MT403), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018.

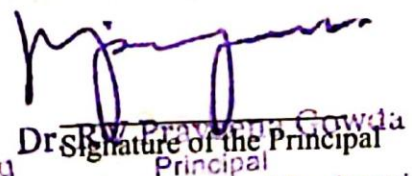
It is certified that all corrections/suggestions indicated for the internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.


Signature of Guide

Ms. RANI AISHWARYA S N
Asst. Professor
Dept. of MTE, TOCE


Signature of the HOD

Dr. JAYANTHI KUMARI TR
Professor and HOD
Dept. of MTE, TOCE


Signature of the Principal


Dr. P. PRAVEENA GOWDA
Principal
Bommanahalli, Hosur Road
Bangalore - 560 068
TOCE

Name of the Examiners

1. DR. JAYANTHI KUMARI T.R

2. Chandrayekha L

Signature with


.....15/06/18


.....15/06/18

The Oxford College of Engineering
(Affiliated to Visvesvaraya Technological University, Belgavi)
Bommanahalli, Bangalore-560068

Department of Mechatronics



CERTIFICATE

Certified that the project entitled "**SMART MIRROR USING RASPBERRY PI**" carried out by Mr. AKHIL FRANCS with USN 10X14MT004, Mr. ATHUL PREMRAJ with USN 10X14MT009, Mr. SANKEERTH SOMASHEKHARAN with USN 10X14MT036, are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Mr. RAVI S JADHAV
Asst. Professor, Dept of MTE



Prof. & HOD
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore-560068



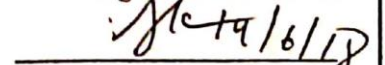
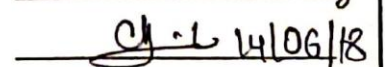
DR. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

External Viva

Name of Examiners

1. Dr. Jayanth Kumar T.R
2. Chandrasekhar L

Signature with date

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068 (Affiliated to
VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "IOT BASED STREET LIGHT MONITORING AND ACCIDENT ALERT SYSTEM" has been carried out by Ms Divya P (IOX14MT014), Mr. Ameersohel M Nadaf (IOX15MT400), Mr. Chandan K (IOX15MT401), Mr. Rasidahmad Choudari (IOX15MT405) bonafide students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018.

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Signature of Guide

Mr. RAVI S JADHAV

Asst. Professor

Dept. of MTE, TOCE

Signature of the HOD
Department of Mechatronics
The Oxford College of Engineering

Dr. Jayanthi Kumari T.R
Bommanahalli, Hosur Road - 560 068

Professor and HOD

Dept. of MTE, TOCE

Signature of the Principal

Dr. R V PRAVEENA GOWDA

Principal TOCE
Dr. R V Praveena Gowda

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru - 560 068

External Viva-Voce

Name of the Examiners

1. Dr. Jayanthi Kumari T.R

2. Chandrashekhara L

Signature with Date

.......... 15/06/18

.......... 15/06/18

THE OXFORD COLLEGE OF ENGINEERING


Hosur Road, Bommanahalli, Bangalore-560068 (Affiliated to
VTU and approved by AICTE)


DEPARTMENT OF MECHATRONICS ENGINEERING




CERTIFICATE

This is to certify that the project work entitled "**DESIGN AND FABRICATION OF LAKE CLEANING MACHINE**" has been carried out by Mr. Hegde Manoj (1OX14MT017), Mr. Mohammed Ehsan (1OX14MT027), Mr. Sharan Y (1OX14MT038) and Mr. Shawn Braganza (1OX14MT039), bonafied students of **The Oxford College Of Engineering, Bangalore** in partial fulfillment for the award of **Bachelor of Engineering in Mechatronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2017-2018**. It is certified that all corrections/suggestions indicated for the Internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.


Signature of Guide
Mr. RAJESH B
Asst. Professor
Dept. of MTE, TOCE

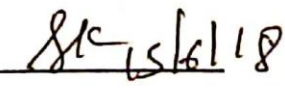

Signature of the HOOD
Dr. JAYANTHI KUMARI
The Oxford College of Engineering
Bommanahalli, Bangalore
Dept. of MTE, TOCE

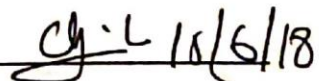

Signature of the Principal
Dr. R.V. PRAVEENA GOWDA
Principal,
TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the Examiners

1. Dr. Jayanthi Kumari
2. Chandrashekhari C

Signature with Date


15/6/18


15/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "RAILWAY TRACK CRACK DETECTION ROBOT" carried out by Mr. BHARATH G with USN 10X13MT011, Mr. N PRAVEEN with USN 10X14MT407, Mr. NAYAN S L with USN 10X14MT409, are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

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Signature of Guide

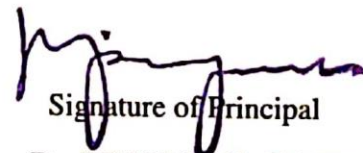
Mrs. PREMALA


Signature of HOD

Dr. JAYANTHI KUMAR

Department of
The Oxford College
Bommanahalli, Bangalore

EXTERNAL VIVA-VOCE


Signature of Principal

Dr. PRAVEENA GOWDA

Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

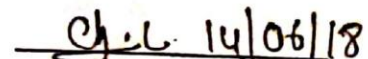
Name of the examiners

Signature with date

1. Dr. Jayanthi Kumar T.R


14/06/18

2. Chandrashekhara


14/06/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "AUTOMATIC SOLAR TRACKER SYSTEM" has been carried out by Mr. AMAR K (10X14MT005) Mr. MAHANTESH M S (10X14MT024), Mr. RAHEJA HARSH(10X14MT033) Mr. SHRIRAM K (10X14MT040), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018. It is certified that all corrections/suggestions indicated for the internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.

S.N. Rani

Signature of Guide

Ms. RANI AISHWARYA S N
Asst. Professor
Dept. of MTE, TOCE

Jayanthi K. L.

Prof. & HOD

Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore-560068

Dr. JAYANTHI KUMAR TIL
Professor and HOD
Dept. of MTE, TOCE

R.V. Praveena Gowda

Signature of the Principal

Dr. R.V. PRAVEENA GOWDA
Principal,
Dept. of Mechatronics Engineering
Bommanahalli, Bangalore-560068

Name of the Examiners

1. Dr. Jayanthi K. L.

2. Chandrashekhara L

Signature with

SK
..... 15/6/18

..... 15/6/18

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

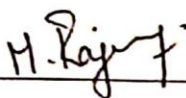
DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

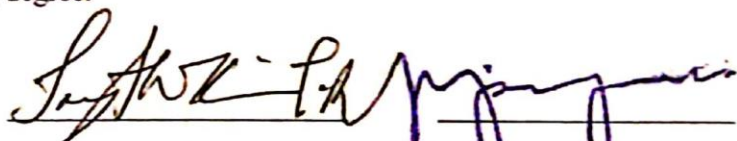
This is to certify that the project work entitled "SMART WIRELESS AUTONOMOUS ROBOT FOR LANDMINE DETECTION WITH WIRELESS CAMERA (SWARLDWC)" has been carried out by Mr. Kiran S Patil (10X14MT022), Ms. Monica M (10X14MT028), Mr. Yogesh H K (10X14MT050) bonafide students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2017-2018.

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Signature of Guide
Mrs. RAJESWARI.M

Asst. Professor
Dept. of MTE, TOCE



Signature of the HOD
Dr. JAYANTHIKUMARI T R

Professor and HOD
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068

Dr. R. P. Praveena

Dr. R. P. PRAVEENA

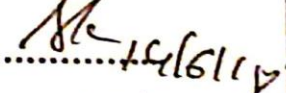
GOWDA
Principal,
TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068

Name of the Examiners

1. Dr. Jayanthi Kumari T R

2. Chandrakanthappa L

Signature with Date



04.10.18

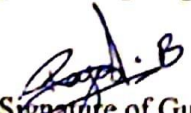
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068 (Affiliated to
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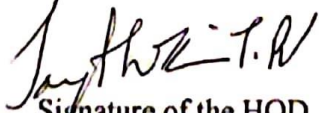
DEPARTMENT OF MECHATRONICS ENGINEERING




CERTIFICATE

This is to certify that the project work entitled "**MULTIPURPOSE WIRELESS MOBILE ROBOTIC ARM**" has been carried out by Mr. Amin Fazal Ahmed (10X14MT006), Mr. Srinidhi Chandra (10X14MT043), Mr. Venkatesh Kumar (10X14MT046), and Mr. Vivek Mohan (10X14MT049) bonafied students of **The Oxford College Of Engineering, Bangalore** in partial fulfillment for the award of **Bachelor of Engineering in Mechatronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2017-2018**. It is certified that all corrections/suggestions indicated for the Internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.


Signature of Guide
Mr. RAJESH B
Asst. Professor
Dept. of MTE, TOCE



Signature of the HOD
Dr. JAYANTHI KUMARI T R
Professor and HOD
Department of Mechatronics,
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068


Signature of the Principal
Dr. R V PRAVEENA GOWDA
Dr. R V Praveena Gowda
Principal
TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangaluru-560 068

Name of the Examiners

1. DR. JAYANTHI KUMARI T.R
2. Chandrashekhara L

Signature with Date


Chd.L 14/06/2018

The Oxford College of Engineering
(Affiliated to Visvesvaraya Technological University, Belgavi)
Bommanahalli, Bangalore-560068

Department of Mechatronics



CERTIFICATE

Certified that the project entitled "**SMART MIRROR USING RASPBERRY PI**" carried out by Mr. AKHIL FRANCS with USN 10X14MT004, Mr. ATHUL PREMRAJ with USN 10X14MT009, Mr. SANKEERTH SOMASHEKHARAN with USN 10X14MT036, are the bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2017-2018.

It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

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Asst. Professor, Dept of MTE

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Department of Mechatronics
The Oxford College of Engineering
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Dr. JAYANTHIKUMARI T R

Professor & HOD of MTE

Dr. R V PRAVEENA GOWDA

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Name of Examiners

1. DR. JAYANTHI KUMARI T R

2. Chandrashekhara

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This is to certify that **UMAR HAYAT** bearing **USN 10Y16MBA64** is a bonafide student of master of business administration course of the institute 2016–2018, affiliated to Visvesvaraya technological university, Belgaum. Project report on “**TRAINING AND DEVELOPMENT**” is prepared by him under the guidance of **Mr. Gokul G, Assistant Professor**, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belgaum, and Karnataka.

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This is to certify that **SYED ABID ABDUL AHAD** bearing **USN: 10Y16MBA59** is a bonafide student of master of business administration course of the institute 2016–2018, affiliated to Visvesvaraya technological university, Belgaum. A project report on **PERFORMANCE APPRAISAL AT QUINNOX PVT. LTD., BANGALORE** is prepared by him under the guidance of **MR. GOKUL G., ASSISTANT PROFESSOR**, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belgaum, and Karnataka.


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This is to certify that **NIKITHA PREM MATHEW** bearing **USN 10X16MBA60** is a bonafide student of Master Of Business Administration course of the institute 2016–2018, affiliated to Visvesvaraya technological university, Belagavi. Project report on “**A STUDY ON EFFECTIVENESS OF RECRUITMENT PROCESS AT HEALTHCARE AT HOME PVT. LTD**” is prepared by her under the guidance of **P. Chandrika Reddy, Associate Professor** MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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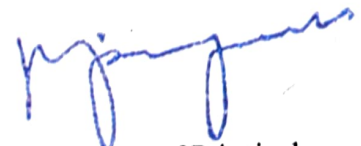
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This is to certify that **MARUTHIPRASAD M** bearing **USN 10X16MBA50** is a bonafide student of Master of Business Administration course of the institute 2018–2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on “**A STUDY ON LOANS AND ADVANCES AT CENTRAL BANK OF INDIA**” is prepared by him under the guidance of **P.CHANDRIKA REDDY Associate prof MBA** department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.


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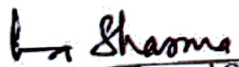
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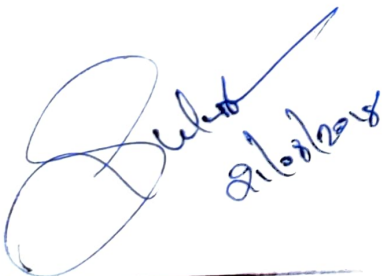
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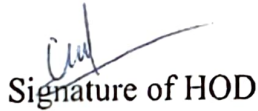
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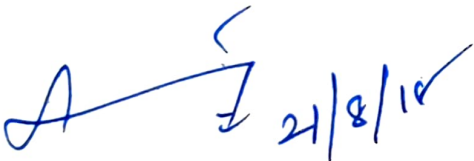
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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“ Android Habitude for E-Commerce Serviceability Personalized Assistant’s Authorization and Authentication “

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From hVishveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

AKSHITHA K V
10X15MCA01

During the academic year 2017-2018

Signature of the Guide & HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

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**“PERFORMANCE ANALYSIS FOR COMPARISON OF
NOSQL AND DATABASES DEPLOYED ON REPLICATED
AND SHARED CLUSTERS”**

Submitted in partial fulfillment of the requirement for the award of the degree of
MASTER OF COMPUTER APPLICATIONS

From Vishvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ANJAPPA T
1OX15MCA02

During the academic year 2017-2018

Signature of the HOD & Guide

Dr. M.S. Shashidhara

The Head
(Dept. of MCA, TOCE)
Department of MCA

The Oxford College of Engineering

Hosur Road, BANGALORE -

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Signature of the Principal

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Bommanahalli, Hosur Road

Bengaluru-560 068

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Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Computer Applications



CERTIFICATE

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ICAMPUS HUB

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Master of Computer Applications

From Visvesvaraya Technological University, Belgaum is a result of the bonafide work carried out by

CHIRAGKUMAR S. SABHADIYA

10X15MCA05

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(HOD, Dept. of MCA)

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Name of the Examiners

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Bangalore-560 068

Signature with date

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“SENSOR BASED AUTOMATED TOOL FOR WEATHER PREDICTION”

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Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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DHANALAKSHMI K

10X15MCA06

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Department of Master of Computer Applications



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This is certify that the project work entitled

NAISARGIKA FOOD PRODUCTS ENUMERATION MANAGEMENT SYSTEM FOR TRACKING LEVELS

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DWARA MANIKANTA SAI

10X15MCA07

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CAPTURE ON MOBILE UPLOAD ON PICHAT

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10X15MCA08

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CERTIFICATE

This is certify that the project work entitled

WEB BASED APPLICATION DASHBOARD FOR ITQR SYSTEM

Submitted in partial fulfillment of the requirement for the award of the degree of

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K CHINNASAMY

10X15MCA09

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CERTIFICATE

This is certify that the project work entitled

“ANALYTICAL TOOLS FOR CRYPTOCURRENCY BUY AND SELL”

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From the Visveswaraya Technological University, Belagavi

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KHANGJRAKPAM RAJA SINGH

10X15MCA10

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CERTIFICATE

This is to certify that the project work entitled

“WEB BASED APPLICATION FOR ONLINE PATIENT MONITORING SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

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LALITHA V

10X15MCA12

During the academic year 2017-2018

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(Dept. of MCA, TOCE)

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The Head
Department of MCA

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CERTIFICATE

This is to certify that the project work entitled

“BANKING INFORMATION SYSTEM PROTOTYPE SUITE”

Submitted in partial fulfillment of the requirement for the award of the degree of

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From Vishveswaraya Technological University, Belagavi

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MUHAMMED KUTHUBUDHEEN D
10X15MCA15

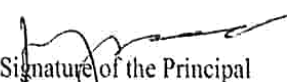
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(Dept. of MCA, TOCE)


Signature of the HOD

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Dept. of MCA, TOCE
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CERTIFICATE

This is to certify that the project work entitled

**“RANKING OF PRODUCT BASED ON USER REVIEWS
USING SENTIMENT ANALYSIS”**

Submitted in partial fulfillment of the requirement for the award of the degree of

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From Visvesvaraya Technological University, Belagavi
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NITISH AWASTHI

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
"APPLICATION PACKAGING FOR MICROSOFT OFFICE 2013
PROFESSIONAL PLUS – RBCM"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

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PANDIPRABHA.S

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“CLOUD BASED CROSS TENANCY RESOURCE DISPENSER”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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PAVITHRA K

10X15MCA18

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“ANDROID APPLICATION FOR VOWTaxi”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RAJESH P J

10X15MCA20

During the academic year 2017-2018

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THE OXFORD COLLEGE OF ENGINEERING

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“TECHMINDZ BUSINESS ANALYZER”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications


From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RANU KUMAR

10X15MCA21

During the academic year 2017-2018


Signature of the Guide

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BANGALORE - 560 068

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ENDEAVOR RESOURCE PLANNING MANAGEMENT"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SHREEJA V KOTIAN


10X15MCA22

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**“Android Habitude for E-Commerce Serviceability personalized
Assistant’s task and portrait management”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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SHRUTHI H S

10X15MCA23

During the academic year 2017-2018


Signature of the Guide

Prof. Ushasree

(Dept. of MCA, TOCE)


Signature of the HOD

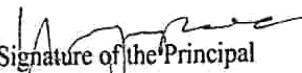
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(Dept. of MCA, TOCE)

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- 1.
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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“WORKLOAD MANAGEMENT IN DATABASE MANAGEMENT SYSTEMS: A TAXONOMY”

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

from Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SUNKARA MADHUKIRAN

10X15MCA25

During the academic year 2017-2018


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Prof. R. Ushasree.

(Dept. of MCA, TOCE)

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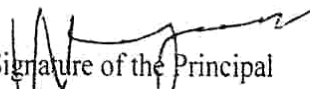
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Department of Master of Computer Applications



CERTIFICATE

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“WORKLOAD MANAGEMENT IN DATABASE MANAGEMENT SYSTEMS: A TAXONOMY”

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SUNKARA MADHUKIRAN

10X15MCA25

During the academic year 2017-2018


Signature of the Guide

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Hosur Road, BANGALORE -**


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Principal TOCE, Bangalore

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Bengaluru - 560 068**

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PHARMACY CONTROL SYSTEM

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From Visvesvaraya Technological University, Belgaum is a result of the bonafide work carried out by

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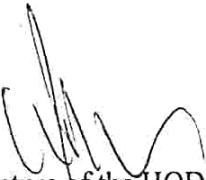
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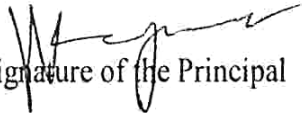
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(HOD, Dept. of MCA)

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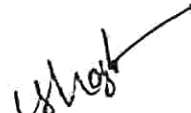
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VIPUL KUMAR SINGH

10X15MCA30

During the academic year 2017-2018


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Prof. Usha Shree

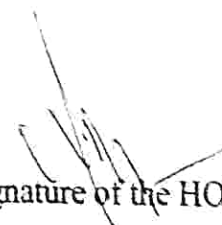
(Asst. Prof, MCA Dept.)

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Dr. M.S. Shashidhara,

(HOD, Dept. of MCA)

- The Head

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Signature of the Principal

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Bangalore

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Department of Computer Applications



CERTIFICATE

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10X15MCA30

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“SWIFT APPLICATION FOR MYMAILBOX”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

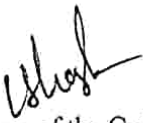
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YATHASHREE M N

10X15MCA32

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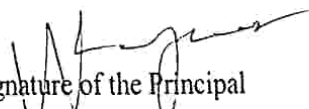
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Hosur Road, BANGALORE -**


Signature of the Principal

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CERTIFICATE

This is to certify that the project work entitled

"Work Smarter with Project Management Tools and Resource Scheduling Software"

Submitted in partial fulfillment of the requirement for the award of the degree of

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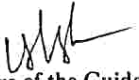
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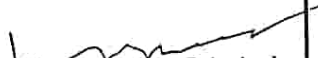
ABHISHEK H P

10X16MCA70

During the academic year 2017-2018


Signature of the Guide
Prof. Ushasree R
(Dept. of MCA, TOCE)


Signature of the HOD
Dr. M.S. Shashidhara
(Dept. of MCA, TOCE)


Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bangalore)

External Viva
Name of Examiners

The Head
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Hosur Road, BANGALORE -

Dr. R.V. Praveena Gowda
Principal
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Bombaynuballi, Hosur Road
Bangalore - 560 068
Signature with date

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- 2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“KWIKCERT OF ISO CERTIFICATION”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ASHISH P.S JADHAV

10X16MCA72

During the academic year 2017-2018

Signature of the Guide

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Hosur Road, BANGALORE -

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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 078

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

INTERNET OF THINGS ENABLED HOSPITAL GOVERNANCE SYSTEM

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

From the Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by


GAYANA D

10X16MCA75

During the academic year 2017-2018


Signature of the Guide

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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"INCISIVE TRACKING TECHNIQUES FOR QUALITY CONTROL USING BIONIC METHOD"

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

from Visveswaraya Technological University, Belagavi

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HARSHA C R

10X16MCA76

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Bommanahalli, Hosur Road
Bengaluru-560 068**

THE OXFORD COLLEGE OF ENGINEERING

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“AN ENHANCEMENT PROCESS E-LEARNING TOOL WITH LMS”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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KARTHIK M

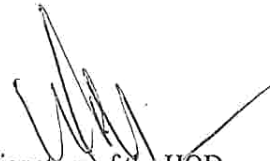
10X16MCA78

During the academic year 2017-2018


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(Dept. of MCA, TOCE)


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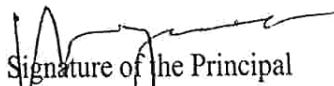
(Dept. of MCA, TOCE)

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ANALYTICAL LEAD GENERATOR CAMPING MANAGEMENT TOOL"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Vishveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

KAVYA R

10X16MCA79

During the academic year 2017-2018

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CERTIFICATE

This is to certify that the project work entitled
"INTERNET OF THINGS ENERGY MONITORING SYSTEM"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications


From Visveswaraya Technological University, Belagavi

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NITHIN Y

10X16MCA80

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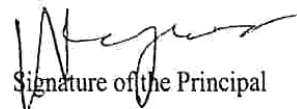
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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“HEART DISEASE PREDICTION USING ANDROID SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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PRIYA K

10X16MCA81


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CERTIFICATE

This is to certify that the project work entitled

“MOBILE APPLICATION FOR DIVERSE COOPERATION THROUGH TICKETING TOOL”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

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KHAVIYA SHREE R

10X16MCA82

During the academic year 2017-2018

Signature of the Guide

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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 078

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**"STAYING CONNECTED IN A MOBILE HEALTHCARE
SYSTEM EXPERIENCES FROM THE MEDINET"**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ROHIT KUMAR MORYA

10X16MCA83

During the academic year 2017-2018

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Name of Examiners

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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“RAILWAY AUTO ANNOUNCEMENT, DYNAMIC RESERVATION AND SECURITY SYSTEM”

Submitted in partial fulfilment of the requirement for the award of the degree of
Master of Computer Applications


from Visveswaraya Technological University, Belagavi

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SAROJA N

10X16MCA84

During the academic year 2017-2018

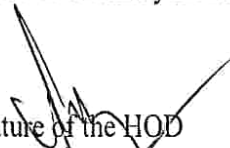

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- 2.


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(Principal, TOCE, Bangalore)

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore
Be Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“ ANDROID BASED VEHICLE TRACKING FOR TRAFFIC POLICE ”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications


From Visveswaraya Technological University, Belagavi

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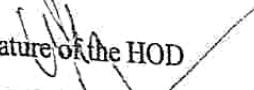
SUKHATEERTHA

10X16MCA85

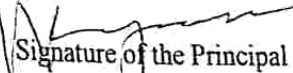
During the academic year 2017-2018


Signature of the Guide

Prof. Saritha.S
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Signature of the HOD

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(Dept. of MCA, TOCE)


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Bengaluru - 560 068

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External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Hemmataballi, Hosur Road, Bangalore-560 062

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ANDROID BASED VEHICLE TRACKING FOR TRAFFIC POLICE"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SUKHATEERTHA

10X16MCA85

During the academic year 2017-2018

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(Dept. of MCA, TOCE)

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Hemmataballi, Hosur Road, Bangalore - 560 062

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External Viva

Name of Examiners

- 1.
- 2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
"ANDROID APPLICATION FOR E-COMMERCE ASSISTANCE
FOR DAY TO DAY REQUIREMENTS"

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

from Visveswaraya Technological University, Belagavi

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VEENA N

10X16MCA86

During the academic year 2017-2018

Sov 27/6/18
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(Dept. of MCA, TOCE)

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Name of Examiners

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Signature with date

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Rommanahalli, Hosur Road, Bengaluru 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
"MySmartNotifier using Artificial Intelligence Technology"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

AISHWARYA.V

10Y16MCA70

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Sar
23/5/18
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Prof.SSaritha.

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External Viva

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- 2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“Auto engine: Understanding pattern methodology for supply chain”

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

from Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ASHWITHA REENA D'SOUZA

10Y16MCA71

During the academic year 2017-2018

S.S.
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2.

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ENHANCED AND ENHANCED FILE SYSTEM"

Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

from Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

BHAVANI H

10Y16MCA72

During the academic year 2017-2018

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Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled
**"SaaS BASED MOBILE APPLICATION FOR FACILITY
MANAGEMENT SERVICES"**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

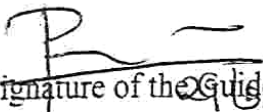
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10Y16MCA73

During the academic year 2017-2018


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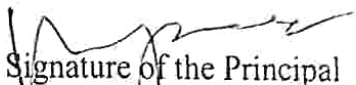
Prof. Punya V

(Dept. of MCA, TOCE)


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Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)


Signature of the Principal

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“Towards an Improved IT Service Desk System and Processes”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

GEETA TORAN

10Y16MCA74

During the academic year 2017-2018

Signature of the Guide
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Name of Examiners

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- 2.

THE OXFORD COLLEGE OF ENGINEERING

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“Automated Online Administration Management And Academic Information System”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

HARISH KB

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ONLINE AUCTION MANIA SYSTEM"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ISMAIL M TARAL


10Y16MCA76

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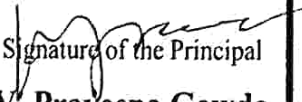
Prof. Punya V.

(Dept. of MCA, TOCE)


Signature of the HOD

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THE OXFORD COLLEGE OF ENGINEERING

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CERTIFICATE

This is to certify that the project work entitled

“Bug Tracking and Reporting System for Quality Product Develop”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

LAHARIKRISHNA N

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During the academic year 2017-2018

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Department of MCA

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Hosur Road, BANGALORE -

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road

Signature with Date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“E-GROCER INDUSTRY ENTERPRISE RESOURCES PLANNING”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bona fide work carried out by

LIKHITH KUMAR

10Y16MCA78

During the academic year 2017-2018

Signature of the Guide 1/3

Prof. PUNYA V

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head

Department of MCA

The Oxford College of Engineering
Hosur Road, BANGALORE -

Signature of the Principal

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(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

External Viva

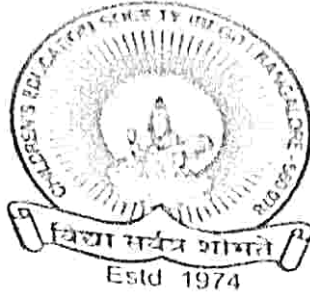
Name of Examiners

- 1.
- 2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli Hosur Road Bangalore 560 062

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ANALYTICAL PLATFORM FOR CRYPTOCURRENCY TRADING"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bona fide work carried out by

MADAN P REDDY

10Y16MCA79

During the academic year 2017-2018

Signature of the Guide

Prof. Punya v

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head

Department of MCA

The Oxford College of Engineering

Hosur Road, BANGALORE -

Signature of the Principal

Dr. R.V. Praveena Gowda

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Dr. R.V. Praveena Gowda

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The Oxford College of Engineering

Bommanahalli, Hosur Road

Bangalore - 560 062

External Viva

Name of Examiners

1.

2.

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“SAVE E-PROJECT MANAGEMENT TOOL”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

NANDINI R REDDY

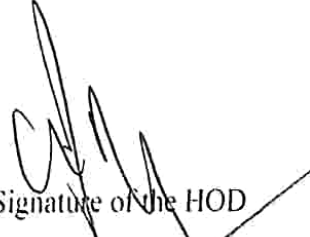
10Y16MCA81

During the academic year 2017-2018


Signature of the Ex-Officio

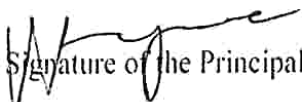
Prof. Punya V

(Dept. of MCA, TOCE)


Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)


Signature of the Principal

Dr. R.V. Praveena Gowda

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The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

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External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



This is to certify that the project work entitled

“DIGITALIZED MULTI-CHANNEL SERVICE DESK”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

NISHA D

10Y16MCA82

During the academic year 2017-2018

Signature of the Examiners

Prof. Punya V

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

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2.

Signature of the HOD

Dr. M.S. Shashidhara

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The Head

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The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**TOLLGATE AUTOMATION OF COLLECTION
SYSTEM USING SMARTCARD DATA**

Submitted in partial fulfilment of the requirement for the award of the degree of
Master of Computer Applications

From the Visvesvaraya Technological University, Belagavi
is a result of the bonafide work carried out by

RAKSHITHA H S

10Y16MCA84

During the academic year 2017-2018


Signature of the Guide

Mr. JC Achutha.
(Dept. of MCA, TOCE)


Signature of the HOD

Dr. M. S. Shashidhara
(Dept. of MCA, TOCE)


Signature of the Principal

Dr. R. V. Praveena Gowda
(Principal, TOCE, Bengaluru)

- The Head

Department of MCA

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Hosur Road, BANGALORE -

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560 068

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“Web Based Application for the DoorWay to Neighborhood”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications


From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RAMCHANDRA PATWARI

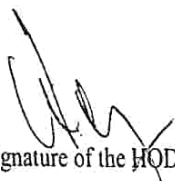
10Y16MCA85

During the academic year 2017-2018


Signature of the Guide

Prof. Saritha S

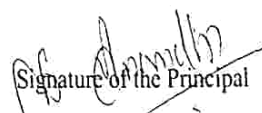
(Dept. of MCA, TOCE)


Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)
The Head

Department of MCA
The Oxford College of Engineering,
Hosur Road, BANGALORE -


Signature of the Principal

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(Principal, TOCE, Bangalore)
PRINCIPAL

The Oxford College of Engineering,
Bommanahalli, Hosur Road,
Bangalore - 560 068

External Viva

Name of Examiners

- 1.
- 2.

Signature with date

THE OXFORD COLLEGE OF ENGINEERING,

Bommanahalli, Hosur Road, Bengaluru 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“AUTOMATED EMPLOYEE ENTRY AND EXIT MANAGMET
SYSTEM”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RANGITH .G

10Y16MCA86

During the academic year 2017-2018

Signature of the Guide

Prof. Ashok B.P.

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

- **The Head**

Department of MCA

**The Oxford College of Engineering,
Hosur Road, BANGALORE -**

Signature of the Principal

Dr. R.V. Praveena Gowda

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Dr. R.V. Praveena Gowda

Principal

**The Oxford College of Engineering
Bommanahalli, Hosur Road**

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External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“SAAS BASED DIGITAL PLATFORM FOR HUMAN RESOURCE AND RECRUITMENT PROCESS”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SHAZLINE TARANNUM

10Y16MCA87

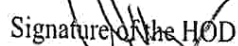
During the academic year 2017-2018



Signature of the Guide

Prof. Dharamvir

(Dept. of MCA, TOCE)



Signature of the HOD

Dr. M.S. Shashidhara

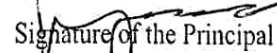
(Dept. of MCA, TOCE)

The Head

Department of MCA

The Oxford College of Engineering

Hosur Road, BANGALORE -



Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

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Bengaluru-560 068

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External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“SAAS BASED WEB APPLICATION FOR EMBEDDED MAINTENANCE SERVICE”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Vishveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SUMANA N SHETTY
10Y16MCA88

During the academic year 2017-2018

Mridula
Signature of the Guide 29/05/18

Prof. Mridula Shukla

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

Dept. of MCA, TOCE)

The Head
Department of MCA

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Hosur Road, BANGALORP -

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering,
Bommanahalli, Hosur Road
Signature with date
Bengaluru - 560 068

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**WEB BASED TRACK AND TRACE MATERIAL ISSUE
USING RFID TECHNOLOGY**

Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

**VIJAYA DURGA MALLESHWARI.K
10Y16MCA89**

During the academic year 2017-2018

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head
Department of MCA
The Oxford College of Engineering,
Hosur Road, BANGALORE -
External Viva

Name of Examiners

- 1.
- 2.

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“ONLINE RTO MANAGEMENT SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

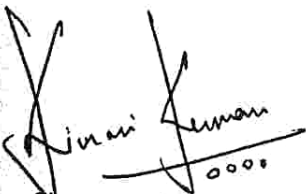
From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

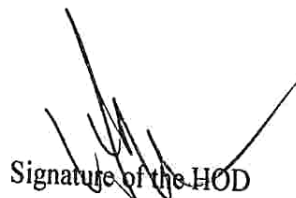
MEGHA RAJAN P

10Y16MCA90

During the academic year 2017-2018

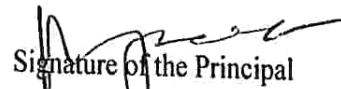

Signature of the Guide

Prof. Kimmi Kumari
(Dept. of MCA, TOCE)


Signature of the HOD

Dr. M.S. Shashidhara
(Dept. of MCA, TOCE)
The Head

Department of MCA
The Oxford College of Engineering,
Hosur Road, BANGALORE -


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering,
Bommanahalli, Hosur Road
Bengaluru - 560 068

Signature with date

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

A Web Application on Smart Facility Operator (SFO) For Automation

Test-Cases

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belgaum is a result of the bonafide work carried out by

APURV UPADHYAY

10Z16MCA70

During the academic year 2017-2018



Signature of the Guide

Prof. Dharamvir

(Asst. Prof, MCA Dept.)

External Viva

Name of the Examiners

1.

2.



Signature of the HOD

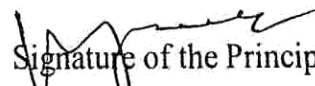
Dr. M.S. Shashidhara,

(HOD, Dept. of MCA)

The Head

Department of MCA

**The Oxford College of Engineering,
Hosur Road, BANGALORE -**



Signature of the Principal

Dr. R.V. Praveena Gowda

(TOCE, Bangalore)

Dr. R.V. Praveena Gowda

Principal

**The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068**

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli Hosur Road, Bengaluru-560 069

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ANDRIOD APPLICATION SYSTEM FOR E-FARMING"

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Bangalore

is a result of the bonafide work carried out by

ARAVINDHA KUMARA
10Z16MCA71

During the academic year 2017-2018

Signature of the Guide

Prof. Dharamvir

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

Signature of the HOD

Dr. M.S. Shashidhara

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The Head
Department of MCA
The Oxford College of Engineering
Hosur Road, BANGALORE

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 069
Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Remmanahalli, Hosur Road, Bengaluru - 560 068

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**Design and Development of Universal Genius Mirror Using
Raspberry Pi3**

Submitted in partial fulfillment of the requirement for the award of the degree of

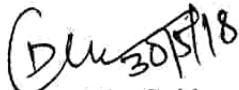
Master of Computer Applications

From Visvesvaraya Technological University, Belgaum is a result of the bonafide
work carried out by

DHANANJAY CHAUHAN

10Z16MCA75


During the academic year 2017-2018


Signature of the Guide
Prof. Dharamvir
(Asst. Prof, MCA Dept.)

External Viva

Name of the Examiners

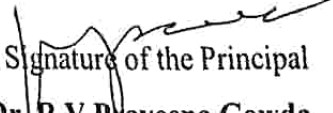
- 1.
- 2.


Signature of the HOD
Dr. M.S. Shashidhara,
(HOD, Dept. of MCA)

The Head

Department of MCA

**The Oxford College of Engineering,
Hosur Road, BANGALORE -**


Signature of the Principal
Dr. R.V. Praveena Gowda

(TOCE, Bangalore)

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Hosur Road, BANGALORE - 560 068
Signature with date
Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

Rommānahalli, Hosur Road, Bengaluru 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“E-VOTING SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

IRSHAD AHMAD DAR
1OZ16MCA76

During the academic year 2017-2018

Signature of the Guide

Prof. Dharamvir

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

Dept. of MCA, TOCE

Department of MCA

The Oxford College of Engineering
Hosur Road, BANGALORE -

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda

The Oxford College of Engineering

Hosur Road, BANGALORE -

Signature with date

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Rommanahalli, Hosur Road, Bengaluru-560 068

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

BAARKOO

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belgaum is a result of the bonafide work carried out by

KALATHIYA RINKESH

1OZ16MCA77

During the academic year 2017-2018


Signature of the Guide

Prof. Dharamvir


(Asst. Prof, MCA Dept.)

External Viva

Name of the Examiners

1.

2.


Signature of the HOD

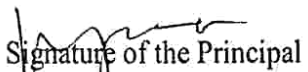
Dr. M.S. Shashidhara,

(HOD, Dept. of MCA)

The Head

Department of MCA

The Oxford College of Engineering
Hosur Road, BANGALORE -


Signature of the Principal

Dr. R.V. Praveena Gowda

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

Rommanahalli, Hosur Road

Bengaluru - 560 068

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“ANDROID APPLICATION FOR RECIPROCITY OF BLOOD
DONOR AND RECIPIENT”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

KEERTHANA M

1OZ16MCA78

During the academic year 2017-2018

Mridula
26/05/18

Signature of the Guide

Prof. Mridula Shukla

(Dept. of MCA, TOCE)

[Signature]

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

[Signature]

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru - 560 068

Signature with date

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**“ADVANCE INDUSTRIAL CONCEPT APPS DEVELOPER
WITH PANEL CONTROL”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications


From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by


IYAPPAN M

10Z16MCA79

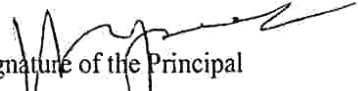
During the academic year 2017-2018


Signature of the Guide

Prof. Mridula Shukla
(Dept. of MCA, TOCE)


Signature of the HOD

Dr. M.S. Shashidhara
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The Head
Department of MCA
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Hosur Road, BANGALORE -


Signature of the Principal

Dr. R.V. Praveena Gowda
(Principal, TOCE, Bangalore)
Dr. RV Praveena Gowda
Principal

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Signature with date

External Viva

Name of Examiners

- 1.
- 2.

THE OXFORD COLLEGE OF ENGINEERING

Banner Road, Bengaluru - 560076

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

" APPLICATION PROCESSING MODULE FOR CREDIT
SCORE CHECKING IN VARIOUS ORGANIZATION "

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Vishveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

M VISHNU VARDHAN

10Z16MCA80

During the academic year 2017-2018

Mridula
31/05/18

Signature of the Guide

Prof.Mridula Shukla

(Dept. of MCA, TOCE)

M.S. Shashidhara

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

Department of MCA

The Oxford College of Engineering,

Hosur Road, BANGALORE -

R.V. Praveena Gowd

Signature of the Principal

Dr.R.V. Praveena Gowd

(Principal, TOCE, Bangal

Dr. R.V. Praveena Gowd

Principal

The Oxford College of Engi

Bommanhalli, Hosur F

Signature with date

External Viva

Name of Examiners

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“MANAGEMENT SUPERVISE MYSALE SERVER APPLICATION SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

MEENA P

10Z16MCA81

During the academic year 2017-2018

Mridula
26/05/18

Signature of the Guide

Prof. Mridula Shukla

(Dept. of MCA, TOCE)

M.S. Shashidhara

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head

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R.V. Praveena Gowda

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bangalore)

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

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Bangaluru-560 068

Signature with date

External Viva

Name of Examiners

1.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**"ANDROID HABITUDE APPRAISAL UTILIZATION FOR
SOLUTION PRACTICE"**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by


MOHAMMED BILAL YASEEN

10Z16MCA82

During the academic year 2017-2018

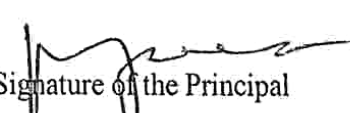

Signature of the Guide

Prof. Mridula Shukla.
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Dr. M.S. Shashidhara
(Dept. of MCA, TOCE)

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External Viva

Name of Examiners

Signature with date

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“LEARNING MANAGEMENT SYSTEM-AN INTERACTIVE
PLATFORM FOR ALL END-USERS”**

Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications

From Visveswaraya Technological University, Belagavi
is a result of the bonafide work carried out by

N SRINIVAS BABU

10Z16MCA83

During the academic year 2017-2018

Mridula
31/05/18
Signature of the Guide

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Dr. R.V. Praveena Gowda
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External Viva

Name of Examiners

1.

2.

The Head
Department of MCA
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Signature with date
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Principal
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Bommanahalli, Hosur Road
Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“VOICE BASED EMAIL SERVICE FOR VISUALLY
CHALLENGED PEOPLE”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

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NAVITHA V

10Z16MCA84

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Mridula
29/05/18
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Name of Examiners

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Dr. M.S. Shashidhara
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Bommanahalli, Hosur Road

Signature R.W. Praveena

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Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“NFC BASED ATTENDANCE SYSTEM USING LUA”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

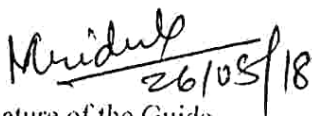
From Visvesvaraya Technological University, Belagavi

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NAYANA S

10Z16MCA85

During the academic year 2017-2018


26/05/18

Signature of the Guide

Prof. Mridula Shukla

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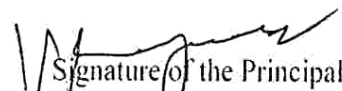
Dr. M.S. Shashidhara

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Dr. R.V. Praveena Gowda

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External Viva

Name of Examiners

- 1.
- 2.

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Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“OPTIMIZATION ANALYZER WITH DIAGNOSTIC
SEGMENTATION CREATOR”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

PREETESH B PATEL

10Z16MCA86

During the academic year 2017-2018

Signature of the Guide

Prof. Kimmi Kumari

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Bengaluru - 560 068**

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“MED-AID CONTROL SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RAMESHWAR DUBEY

10Z16MCA87

During the academic year 2017-2018

Signature of the Guide

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Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“AN ANDROID APPLICATION OF ORDER TRACKING SYSTEM”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RUDRESH A

10Z16MCA88

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Signature of the Guide

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Dr. R.V. Praveena Gowda
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External Viva

Name of Examiners

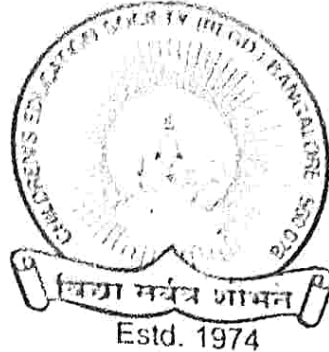
1.

2.

The Head
Department of MCA
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Hosur Road, BANGALORE -

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Bommanahalli, Hosur Road, Bangalore-560 068
Department of Master of Computer Application



CERTIFICATE

This is to Certify that the project work entitled

“CORPORATE PROMULGATION WITH FRAGMENTED INTELLIGENCE”

Submitted in partial fulfilment of the requirement for the award of the degree

MASTER OF COMPUTER APPLICATIONS

From Visvesvaraya Technological University Belgaum is a result of the bonafide work carried out by

SUBHA SANKAR SARKAR

10Z16MCA91

During the academic year 2017-2018

Signature of the Guide
Prof. Kimmi Kumari
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External Viva

Name of the Examiners

- 1.
- 2.

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Signature of the Principal
Dr. R.V. Praveen Gowda
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Dr. R.V. Praveena Gowda
Principal

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Bangalore-560 068

Signature with Date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“LEARNING MANAGEMENT SYSTEM - USING A
GAMIFY DASHBOARD FOR ENHANCED USER
EXPERIENCE”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belagavi,

is a result of the bona fide work carried out by

SUJIT N NAIR

10Z16MCA92

During the academic year 2017-2018

Signature of the Guide

**Asst. Prof. Kimmi
Kumari**

(Dept of MCA, TOCE)

External Viva

Name of examiners with date

1.

2.

Signature of the HOD

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(Dept of MCA, TOCE)

The Head

Department of MCA

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Bommanahalli, Hosur Road, Bangalore - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**“ENHANCED ANALYTICS SKILLS SHARING USING WEB
APPLICATION”**

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

UJJAWAL YADAV

1OZ16MCA93

During the academic year 2017-2018

Signature of the Guide

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Bangalore - 560 068

Signature with date

External Viva

Name of Examiners

1.

2.

THE OXFORD COLLEGE OF ENGINEERING

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Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

INTERNET DISCUSSION FORUM - REACTO

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belgaum is a result of the bonafide work carried out by

VORA PARTH

10Z16MCA95

During the academic year 2017-2018



Signature of the Guide

Prof. Kimmi Kumari

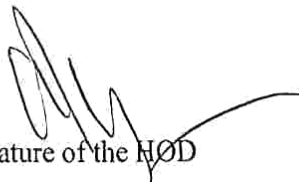
(Asst. Prof, MCA Dept.)

External Viva

Name of the Examiners

1.

2.

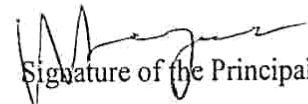


Signature of the HOD

Dr. M.S. Shashidhara,

(HOD, Dept. of MCA)

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Signature of the Principal

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Dr. R.V. Praveena Gowda

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Bengaluru-560 068

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THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled
“SMARTPHONE SECURITY ASSISTANCE - APPLOCK”

Submitted in partial fulfillment of the requirement for the award of the degree of

Master of Computer Applications

From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

VORA SAGAR

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During the academic year 2017-2018

Signature of the Guide

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Name of Examiners

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The Head

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