



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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INDEX

| SN | DEPARTMENT | PAGE NO |
|----|---|---------|
| 1 | Computer Science Engineering | 1 - 22 |
| 2 | Information Technology | 23-46 |
| 3 | Electronics and Communication Engineering | 47-65 |
| 4 | Electrical and Electronic Engineering | 66-82 |
| 5 | Mechanical Engineering | 83-120 |
| 6 | BioTechnology Engineering | 121-132 |
| 7 | Civil Engineering | 133-145 |
| 8 | Automobile Engineering | 146-153 |
| 9 | Mechatronics Engineering | 154-169 |
| 10 | Master of Business Administration | 170-209 |
| 11 | Master of Computer Appliances | 210-307 |

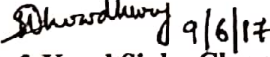
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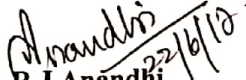
Department of Computer Science and Engineering




CERTIFICATE

Certified that the project work entitled “Aahaar Paddhathi-in Kannada for pregnant women and new mother” carried out by A Thanmai (10X13CS007), Apoorva C(10X13CS010), Chaithra K (10X13CS016), Harshitha K(10X13CS023) 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 2016-2017. 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. Koyel Sinha Chowdhury
Project Guide


Dr. R.J. Anandhi
Vice Principal and H.O.D
Vice Principal
Professor & Head of Department/CSE
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Dr. R.V. Praveena Gowda
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Name of the Examiners

1. ASHA BANZ BOPAN, NICE
2. Sema pu

Signature with Date

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "Support System for Mentoring" carried out by Aishwarya M(10X13CS004), Kavitha L(10X13CS030), Lohitha M B(10X13CS045), Mahalakshmi L(10X13CS038), 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 2016-2017. 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. Archana R
Project Guide

Dr. R.J. Anandhi
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Professor & Head of Department/CSE
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External Viva

Name of the Examiners

1. ASHA RANI BORAN

2. Sumanlal

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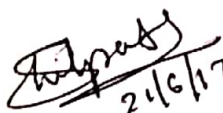
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Department of Computer Science and Engineering




CERTIFICATE

Certified that the project work entitled “E-aahara koduge” carried out by an ANAND T (10X13CS009), ARAVIND C (10X13CS011), JAIDEV T (10X13CS026) , JEEVAN R(10X13CS027), 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 2016-2017. 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.

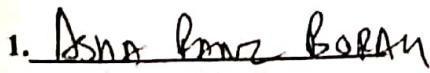
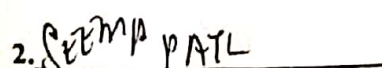

21/6/17
Prof. Shilpa Kaman
Project Guide


21/6/17
Dr. R.J. Anandhi
Vice Principal and H.O.D

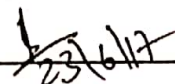

Dr. R J Anandhi
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Name of the Examiners

1. 
ASNA KUMAR BORAN
2. 
SEEMA PATIL

Signature with Date


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Department of Computer Science and Engineering

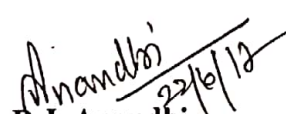


CERTIFICATE

Certified that the project work entitled "E-FACTUM : The Online Magazine" carried out by Maryam Ali (10X13CS039), Fardeena Siddiqua (10X13CS020), Madiraju Sai Rupa Sri (10X13CS037) & Chaithra Puttaswamy (10X13CS015), bonafide students of The Oxford College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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 the project work prescribed for the said degree.


22/6/17
Prof. Shilpa Kaman

Project Guide


22/6/17
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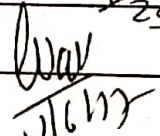
Name of the Examiners

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1. ASHA FANI BORAN

2. Seema Patil


23/6/17


23/6/17

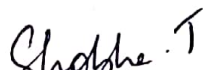
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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled “**COST EFFECTIVE ELECTRONIC PILL DISPENSER**” carried out by **Arvind Y (10X13CS012), Aswin Padmanabhan (10X13CS013), M Ganesh (10X13CS035), Dharmakari Vishnu Charan (10X13CS091)**, 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 **2016-2017**. 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
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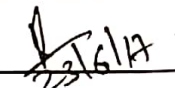

Dr. R.V Praveena Gowda
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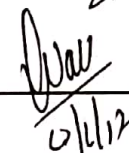
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Name of the Examiners

- ASHA RANZ BORA, NICE
- SEEMA PATIL

Signature with Date





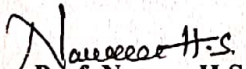
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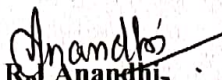
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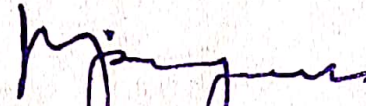


CERTIFICATE

Certified that the project work entitled “Offline Access” carried out by, ANAND HEGDE (10X13CS008), KUSHAN D (10X13CS031), MOHAMMED AFZAL P (10X13CS043), HARISH S (10X14CS401), 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 2016-2017. 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. Naveen H.S
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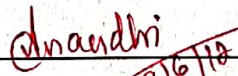
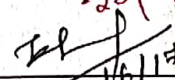

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1. Dr. R. J. Anandhi
2. J. Ruby Dinakar

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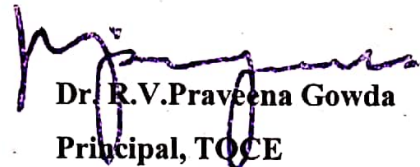


CERTIFICATE

Certified that the project work entitled “**ELDERLY SUPPORTING DEVICE**” carried out by **ADITYA A (10X13CS003), CLARIS GEORGE (10X13CS018), PAVITHRA V (10X12CS117), VIJAYALAKSHMI (10X14CS413)** 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 2016-2017. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Prof. Rajeswari .K
Project Guide


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Name of the Examiners

1. Dr. R.J. Anandhi
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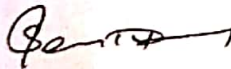
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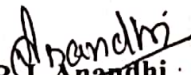
Department of Computer Science and Engineering

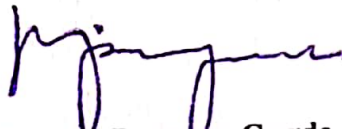


CERTIFICATE

Certified that the project work entitled “JOB CRACKER” carried out by KUSUMANJALI M (10X13CS032), LENORA MICHAEL (10X13CS033), MADHURI B.P (10X13CS036), MEENAKSHI NAGESH REDDY (10X13CS041) 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 2016-2017. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Prof. Senthil Kumar R
Project Guide

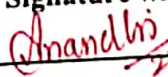

Dr. R.J. Anandhi
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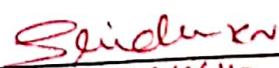

Dr. R.V. Praveena Gowda
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Name of the Examiners

1. Dr. R. J Anandhi
2. SREDEVS KN

Signature with Date


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24/06/17


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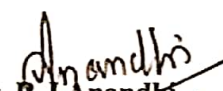
Department of Computer Science and Engineering

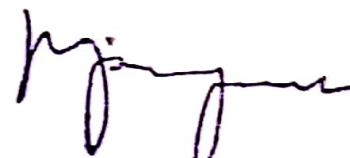


CERTIFICATE

Certified that the project work entitled “Smart City Bus with Enhanced Dust Collector” carried out by Ishan Kaushkkumar Shah (10X09CS025), Sathish M (10X10CS086), Palash Jyoti Das (10X12CS071), Goutham T (10X13CS021), 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 2016-2017. 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. Seema Patil,
Project Guide


Dr. R.J. Anandhi
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Vice Principal
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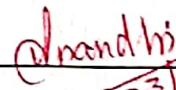

Dr. R.V. Praveena Gowda
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Department of Computer Science and Engineering

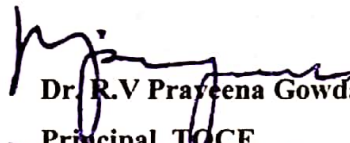


CERTIFICATE

Certified that the project work entitled “ALUMNI INFORMATION SYSTEM” carried out by Abhishek S (10X11CS003), Rajath A (10X11CS071), Akshay Tom (10X12CS006), 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 **2016-2017**. 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. Kiran Tiwari
Project Guide


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Professor & Head of Department/CSE
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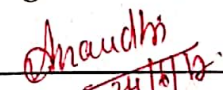

Dr. R.V Praveena Gowda
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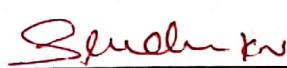
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Name of the Examiners

1. Dr. R. J. Anandhi
2. BRIDEVI K N

Signature with Date


24/06/17


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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "E-STICK: An electronic aid for the visually impaired" carried out by Prashanth Jain P (10X13CS056), Praveen S (10X13CS058), Sanjay Gaire (10X13CS071), Shubham Kumar (10X13CS076) 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 2016-2017. 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.

Anandhi
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Dr. R.J. Anandhi

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Praveena Gowda
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2. SRIDEVI K V

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled “E-JIVADANA” carried out by SALMA SULTHANA (10X13CS069), SIRI B M (10X13CS077), PRAMOD M BHAT (10X13CS094), TENZIN DORJEE (10X11CS106), 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 2016-2017. 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. Fajita F
Project Guide

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Dr. R J Anandhi 23/6/17
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Name of the Examiners

1. Asha Ranzi Bera

2. Seema Pahi

Signature with Date

23/6/17

23/6/17


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


Department of Computer Science and Engineering



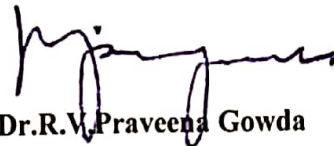
CERTIFICATE

Certified that the project entitled "WatchOverMe: A S.O.S based android application" carried out by SNEHA S.S (10X13CS078), VISHNU KANTH S.K (10X13CS090), BHAGYASHRI ASUKAR (10X13CS096), VARSHA CHOUGALE (10X14CS412), 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, Belgaum during the year 2016-17. 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. Florance .G
Project Guide


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

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

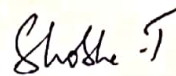

Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

1. SHOBHA - T

2. J. Ruby Dinakar

Signature with Date





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


Department of Computer Science and Engineering




CERTIFICATE

Certified that the project entitled "SMART CART" carried out by RAJKUMARI B RATHORE (10X13CS063), SATWIKI VERMA (10X13CS073), KAIFI SAHAR (10X13CS092), PRATIK SATISH LENGADE (10X14CS403), bonafied 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, Belgaum during the year 2016-17. 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. Chandanita Thakur
Project Guide

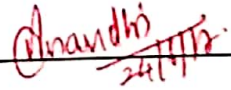


Dr. R.J. Anandhi
Vice Principal and H.O.D
Dr. R J Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 560068.
External Viva


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

Name of the Examiners

1. Dr. R. J. Anandhi
2. SRIDEVI KV

Signature with Date



24/06/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru – 560068
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Department of Computer Science and Engineering




CERTIFICATE

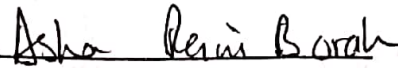
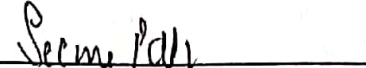
Certified that the project work entitled “Detection of Mobile Phones In Restricted Areas” carried out by Pradeep Pradhani (10X13CS055), Somesh S (10X13CS079), Suhas P (10X13CS082), Venkatesh P.R (10X13CS087) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Shirisha Kudravalli
Project Guide

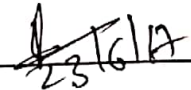

Dr. R.J. Anandhi
Vice Principal and H.O.D
Dr. R J Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru
External Viva

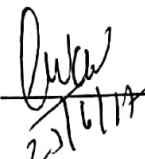

Dr. R.V Praveena Gowda
Principal, TOCE
Dr. RV Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

1.  Asha Devi Borah
2.  Seema Patil

Signature with Date


23/6/17


23/6/17

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru – 560068

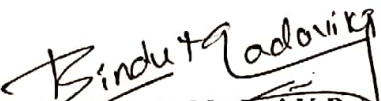
(Affiliated To Visvesvaraya Technological University, Belagavi)


Department of Computer Science and Engineering

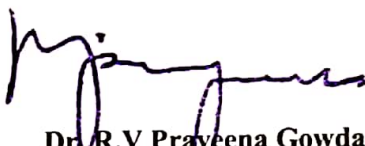


CERTIFICATE

Certified that the project work entitled “INTELLIGENT FIRE ALERT SYSTEM” carried out by Mayuri M (10X13CS040), Nandini Priyadarshini P (10X13CS049), Nayana B S (10X13CS050), Pallavi N G (10X13CS053), 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 2016-2017. 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. Bindu Madavi K P,
Project Guide


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

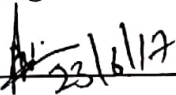

Dr. R.V Praveena Gowda
Principal, TOCE
Dr. R.V Praveena Gowda
Principal
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068


Name of the Examiners

1. ASHA RANZ BORAN

2. Seema Patti

Signature with Date


23/6/17


21/6/17


THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru – 560068
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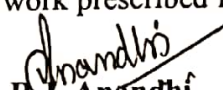
Department of Computer Science and Engineering




CERTIFICATE

Certified that the project entitled “E-AYURVEDA” carried out by NAMRATHA B (10X13CS048), PRATHIBHA S (10X13CS057), RAJASHREE BILGUNDI (10X13CS062), TEJESHWANI (10X13CS086), bonafied 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, Belgaum during the year 2016-17. 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. Deepa M
Project Guide


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


External Viva

Name of the Examiners

1. Dr. R. J. Anandhi

2. SREDEVI K.N


Signature with Date
Dr. R. V. Praveena Gowda
Principal


The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068
24/6/17

Sredevi K.N
24/06/17

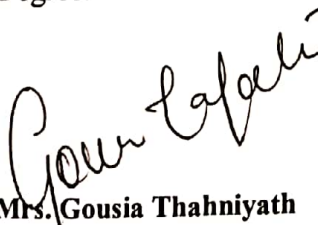
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru – 560068
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Department of Computer Science and Engineering

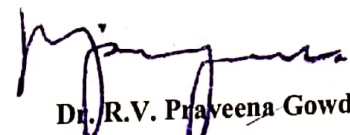


CERTIFICATE

Certified that the project work entitled “Bug Tracking System” carried out by MEERASHREE M.H (10X13CS042), NISHKALA S.P (10X13CS052) and RAHEELA (10X13CS061), 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 the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Gousia Thahniyath
Project Guide


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

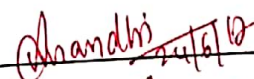


Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. K v Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

1. Dr. R. J. Anandhi
2. SREDEVS KN

Signature with Date



24/06/17


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


Department of Computer Science and Engineering

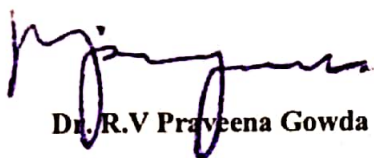


CERTIFICATE

Certified that the project work entitled “INTELLIGENT ROUTING MAP FOR GARBAGE COLLECTOR” carried out by Sudha K N (10X13CS081), Divyashree S (10X14CS400), Hemalatha Y (10X12CS027), Pruthviraj M S(10X12CS116) 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 2016-2017. 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. R.J. Anandhi
Project Guide


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


Dr. R.V Praveena Gowda
Principal, TOCE

Dr. R J Anandhi
Vice Principal
Professor & Head of Department
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 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. SHOBHA. T

2. J. Ruby Dinakar

Signature with Date

Shobha - T

J Ruby Dinakar
22/11/17

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

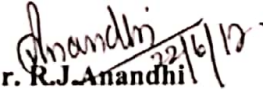
Department of Computer Science and Engineering

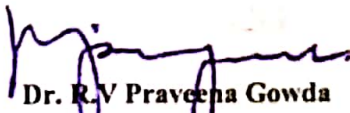


CERTIFICATE

Certified that the project work entitled “e-VAYAPARI SAMPARKA” carried out by Jyothi kiran R(10X13CS028), Tejaswini P (10X13CS085), Kusuma S (10X14CS402), Thulasi P J (10X14CS411) 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 2016-2017. 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. Latha R,
Project Guide

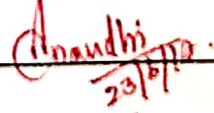

Dr. R.J. Anandhi
Vice Principal and H.O.D
Principal
Professor in Charge of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 560068.
External Viva



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. R. J. Anandhi
2. J. Ruby Dinakara

Signature with Date


22/6/17


22/6/17


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

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled “E-LASIKE VELAPATTI: BABY VACCINATION TRACKING APPLICATION” carried out by S.Harshitha (10X13CS067), Saniya Umraz (10X13CS070), Sowmya Mosale Jagadish (10X13CS080), Sharuq Khan K (10X12CS092), 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 2016-2017. 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. Sowmya H.K.

Project Guide


Dr. R.J. Anandhi

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

Professor & Head of Department
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 560068.


Dr. R.V. Praveena Gowda

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

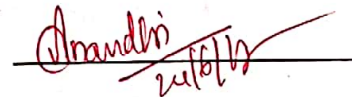
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

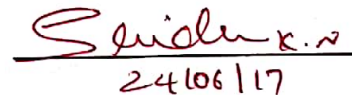
Name of the Examiners

1. Dr. R. J. Anandhi

2. SRI DEVI K.N

Signature with Date


24/06/17


24/06/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore – 560068

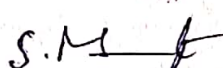
(Affiliated To Visvesvaraya Technological University, Belagavi)

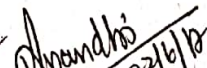
Department of Computer Science and Engineering




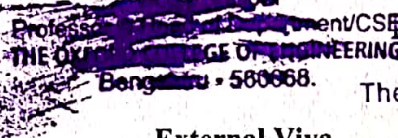
CERTIFICATE

Certified that the final project entitled “SMART BRAILLE” carried out by Gouthami S Hegde(10X13CS022), J Jayapriya(10X13CS024), Revathi R P(10X13CS064), Pavithra N(10X14CS406), 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, Belgaum during the year 2016-17. The final project report has been approved as it satisfies the academic requirements in respect of final project work prescribed for the said degree.


Prof. Maragatham S
Project Guide


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


Dr. R.V. Praveena Gowda
Principal, TOCE


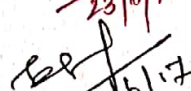

Professor, Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bangalore - 560068.
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners

1. Dr. R.J. Anandhi
2. J. Ruby Dinakar

Signature with Date


23/6/17

23/6/17

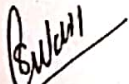
THE OXFORD COLLEGE OF ENGINEERING
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Department of Computer Science and Engineering

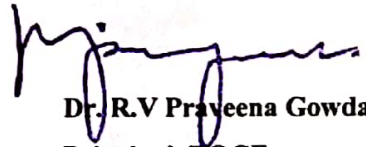


CERTIFICATE

Certified that the project work entitled “**Mi-Fi AN OFFLINE CHAT APPLICATION**” carried out by Nithin D (10X12CS066), Raghu S (10X13CS060), Sateesh S G (10X13CS072), Arun Dev P (10X13CS095), 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 **2016-2017**. 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. Seema Patil
Project Guide



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

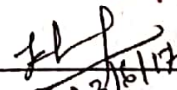

Dr. R.V. Praveena Gowda
Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

1. Dr. R. J. Anandhi
2. J. Ruby Dinakar

Signature with Date


23/10/17


23/10/17

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

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled “Digital Attendance System” carried out by, **ASHOK P (10X09CS011), RAHUL KUMAR SING (10X12CS079), SADASHIV G KONDI (10X14CS408), THASLEEM P (10X14CS410)** 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 **2016-2017**. 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.

Naveen H.S.
Prof. Naveen H S

Project Guide

Anandhi 22/6/17
Dr. R.J. Anandhi

Vice Principal and H.O.D
Dr. R.J Anandhi
Vice Principal
Professor & Head of Department/CSE
THE OXFORD COLLEGE OF ENGINEERING
Bengaluru - 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
Bengaluru-560 068

External Viva

Name of the Examiners

1. Dr. R.J Anandhi
2. J. Ruby Dinakar

Signature with Date

Anandhi 23/6/17
J. Ruby Dinakar 23/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068

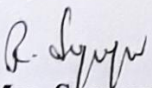
(Affiliated To Visvesvaraya Technological University, Belagavi)


Department of Information Science and Engineering

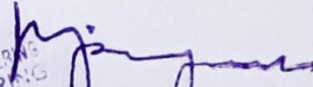


CERTIFICATE

Certified that the project work entitled **"An Audio Based Application to Aid Visually Impaired Users"** carried out by **SANIYA KHAN[10X13IS076]**, **SHAFALI JAIN[10X13IS081]**, **SHARATH JAGAJAMPI M[10X13IS084]**, **SOMASHEKAR B A[10X12IS105]** 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 **Visveswaraiiah Technological University, Belagavi** during the year 2016-2017. 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. Suganya
Assistant Professor

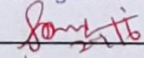

Dr. D. Jayaramaiah
Professor & Head


Dr. R.V. Praveena Gowda
Principal

Name of the examiners,

1. S. Kalaiselvi
2. S. RA Jeyaraj

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560068
Signature with date


27/10/17

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

(Affiliated to VISVESWARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering

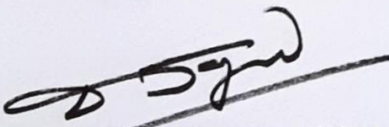


CERTIFICATE

Certified that the project work entitled "Enhanced Security Mechanism For SCADA System In Cloud Environment" carried out by BHIM PRATAP (10X13IS013), PUJARI MADHURYA (10X13IS060), SYEDA AYESHA (10X13IS101) and VEEKSHITHA DSOUZA (10X13IS104), bonafied students of THE OXFORD COLLEGE OF ENGINEERING, BANGALORE in partial fulfilment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of the Visveswaraya Technological University, Belagavi, during the year 2016-2017. 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. Kalaiselvi

Asst. Professor
Dept. Of ISE


Dr. D. Jayaramaiah
PhD, FIETE, SMCSI, MPMI, M. TECH (IIT-D)
Professor & Head,
Dept. Of ISE,
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.

Dr. R.V. Praveena Gowda

Principal, TOCE

Dr. R.V. Praveena Gowda
Principal

External Viva

The Oxford College of Engineering
Bommanahalli, Hosur Road

Bangaluru-560 068
Signature with date

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWARI

S. Kalaiselvi
27/6/17

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 "Secure and Trustable Routing in WSN by avoiding Black hole Attack using ActiveTrust" carried out by AISHWARYA K (IOX13IS003), ANUSHA P A (IOX13IS008), ASHWINI N (IOX13IS010) and POOJA K SHEKAR RAO (IOX13IS054), 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 2016-2017. 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.

26/06/2017
Mrs. Nalinakshi B G

Asst. Professor, Dept. of ISE

[Signature]
Dr. D. Jayaramaiah

Professor and Head, Dept.

of ISE
PROF. P.I.E.T.E., S.V.C.S.I., M.F.M.I., M. TECH (IIT-D)
PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road Bangalore-560068.

External Viva

[Signature]
Dr. Praveena Gowda

Principal, TOCE

Dr. R.V. Praveena Gowda

Principal

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

Signature with date

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR

[Signature]
[Signature]
27/6/17

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

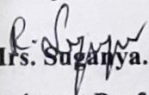
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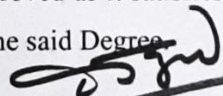
Department of Information Science and Engineering

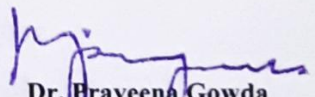


CERTIFICATE

Certified that the project work entitled "Implementation of a device to find the actual quality of the Packed Food" carried out by SHABNAM RIZWAN (10X13IS080), SHREYA K R (10X13IS085), SONALI SHINTRE (10X13IS089) and VEENA YATHNALLI (10X13IS105), 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 2016-2017. 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. Suganya.
Assistant Professor


Dr. D. Jayaramaiah
Professor & Head
Dr. D. JAYARAMAIAH
PhD, FIETE, SMCSI, MPWI, M.TECH (IIT-D)
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Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the examiners

1. BRIDEVE K. N
2. J. Karthikeyini

Signature with date

Souh 23/06/17
akul re
23/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068

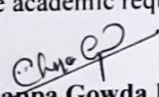
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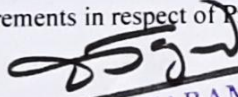
Department of Information Science and Engineering

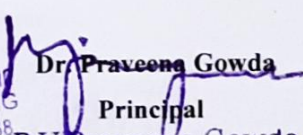


CERTIFICATE

Certified that the project work entitled "Application Of Robotics In Hazardous Or Warfield Activities" carried out by CHAITRA H.K (10X13IS016), HARSHA NAIK A.S (10X13IS024), and LAXMI RUDRAYYA SALIMATH (10X13IS035), NANDINI REDDY P (10X13IS047), 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 2016-2017. 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 DV
Assistant Professor


Dr. D. Jayaramaiah
Professor & Head


Dr. R.V. Praveena Gowda
Principal

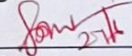
Dr. D. Jayaramaiah
PHD, FETE, SMCSI, MPMI, M. TECH (IIT-D)
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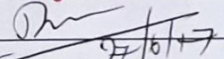
External Viva The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the examiners

1. S. Karaischi
2. S. RAJESWAR

Signature with date


27/11


27/11/17

THE OXFORD COLLEGE OF ENGINEERING

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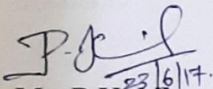
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering

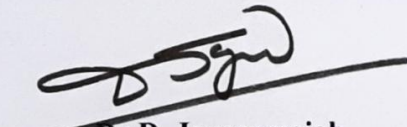


CERTIFICATE

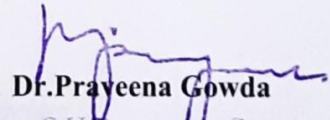
Certified that the project work entitled "Implementation of Low-Rank Coherency Diffusion for Detection of Salient Object in Videos" carried out by A SMITHA[10X13IS001], DIGVIJAY P R[10X13IS019], REHAN MUSHTAQ [10X3IS069], SYEDA IQRA SHAFQAQ[10X3IS102] bonafide students of The Oxford College of Engineering, 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 2016-2017. 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. P. Kokila

Assistant Professor


Dr. D. Jayaramaiah

Professor & Head


Dr. Praveena Gowda

Principal

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR

Dr. D. JAYARAMAIAH
PHD, FIETE, SMCSI, MPMI, M. TECH (MT-D)
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THE OXFORD COLLEGE OF ENGINEERING
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Dr. Praveena Gowda
Principal
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Signature with date
S. Kalaiselvi
27/6/17
S. RAJESWAR
27/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068

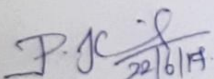
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Department of Information Science and Engineering

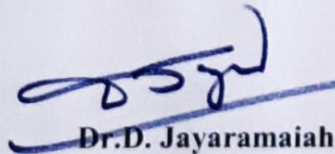


CERTIFICATE

Certified that the project work entitled "A Healthcare Monitoring System for Checking the health of Hospitalized and Elderly People" carried out by JAHNAVI V [IOX12IS114], SAMRADHA RAO [IOX13IS073], SHRUTHI T S [IOX3IS086], SUJAN KUMAR [IOX3IS094] 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 Visveswararajah Technological University, Belagavi during the year 2016-2017. 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. P Kokila

Assistant Professor


Dr. D. Jayaramaiah

Professor & Head

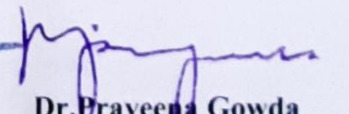
Dr. D. JAYARAMAIAH

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
Dr. RV Praveena Gowda
Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

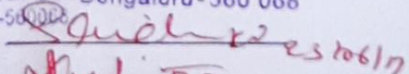
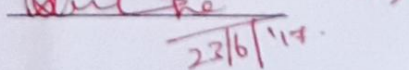
Bengaluru-560 068

Signature with date

Name of the examiners

1. SRIDEVI R

2. J. Karthiyayini


23/06/17

22/6/17

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

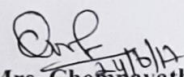
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)


Department of Information Science and Engineering




CERTIFICATE

Certified that the project work entitled "Practical Approximate kNN Queries with Location and Query Privacy using ABE" carried out by BHARATH KUMAR B(10X13IS012), MANJUNATH R(10X13IS039), PAVAN J(10X13IS053) and ANUSHA P(10X12IS080), 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 2016-2017. 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. Chempavathy B
Asst. Professor, Dept. of ISE


Dr. D. Jayaramaiah
Prof. & Head-ISE


Dr. R.V. Praveena Gowda
Principal, TOCE

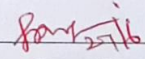
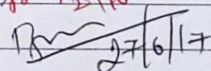
PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560067

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

Name of the examiners

Signature with date

1. S. Kelaiseli
2. S. RAJESWARA


 27/6/17

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

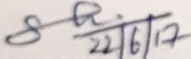
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering

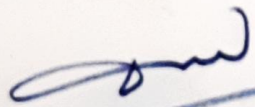


CERTIFICATE

Certified that the project work entitled **"TRAFFIC SIGN RECOGNITION USING CONVOLUTION NEURAL NETWORK"** carried out by **Elson Jithesh D'souza (IOX13IS021), Gajendra Dhankhar (IOX13IS023), Manisha (IOX13IS038) and Srinivas B V (IOX13IS093)**, 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 **2016-2017**. 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.


22/6/17
Mrs. Visallni S

Asst. Professor, Dept. of ISE


Prof. Dr. D. Jayaramaiah

HOD, Dept. of ISE

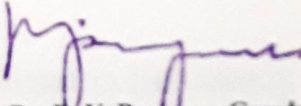
Dr. D. JAYARAMAIAH

PHD, FIETE, SMCSI, MPWL, M.TECH (IT-D)

PROFESSOR & HOD- INFORMATION SCIENCE AND ENGINEERING

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Main Road, Bangalore



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 Signature with Date

1. SRIDEVS K.V Seetha K.V 23/06/17
2. J. Karthiyayini Shilpa R 28/6/17

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 "Secure and Trustable Routing in WSN by avoiding Black hole Attack using ActiveTrust" carried out by AISHWARYA K (10X13IS003), ANUSHA P A (10X13IS008), ASHWINI N (10X13IS010) and POOJA K SHEKAR RAO (10X13IS054), 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 2016-2017. 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.

24/06/2017
Mrs. Nalinakshi B G

Asst. Professor, Dept. of ISE

[Signature]
Dr. D. Jayaramaiah
PhD
Professor and Head Dept.
of ISE
PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
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Bommanahalli, Hosur Main Road, Bangalore-560068.

External Viva

[Signature]
Dr. Praveena Gowda

Principal, TOCE

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

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR

Signature with date

[Signature] 27/6/17
[Signature] 27/6/17

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 “**Work Sharing Algorithm for Computing With Near By Mobile Devices**” carried out by **KARTHIKA (10X13IS029), KEERTHANA.S.REDDY (10X13IS032), MONICA.S (10X13IS043), M.MONISHA (10X13IS044)**, 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 **2016-2017**. 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.

Sindhuja.R
Mrs. Sindhuja.R
Asst. Professor

Dr. D. Jayaramaiah
Dr. D. Jayaramaiah
Professor & Head
PH.D, FIETE, SWCSI, MPMI, M.TECH (IT-D)
PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
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Bommanahalli, Mosur, Main Road, Bangalore-560068.

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

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR

Signature with date

Sanku
27/6/17

THE OXFORD COLLEGE OF ENGINEERING

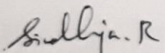
Hosur Road, Bommanahalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)

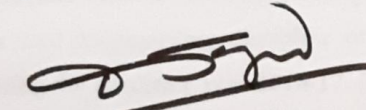
Department of Information Science and Engineering

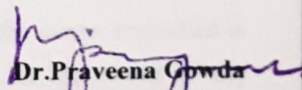


CERTIFICATE

Certified that the project work entitled **"Implementation Of A Secure Anti-collusion Data Sharing Scheme For Dynamic Groups In The Cloud"** carried out by **AKSHAY P [10X13IS005], AKSHAY T N [10X13IS006], ANUSH [10X13IS007], NAGESH T R [10X13IS045]** 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 2016-2017. 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. Sindhuja R
Assistant Professor


Dr. D. Jayaramaiah


Dr. Praveena Gowda
Principal

Professor & HOD
Dr. D. JAYARAMAIAH
PhD, FIETE, SMCSI, MPMI, M. TECH (IIT-D)
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THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.

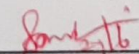
Principal
Dr. RV Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

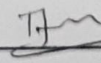
Name of the Examiners

Signature with Date

1. S. Kalaiselvi



2. S. RAJESWARI

 27/6/17

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 "Implementation of rescue Wings Using Mobile Computing and Active Services to Support Disaster Rescue" carried out by RAHAT ZAMANI [10X13IS065], SOUNDARYA H [10X13IS091], SUSHMITHA V [10X3IS099], YOGESHA V [10X3IS107] 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 Visveswararaiiah Technological University, Belagavi during the year 2016-2017. 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. 23/6/17
Ms. Vijayalaxmi Patil
Assistant Professor

Dr. Jayaramaiah
Dr. D. Jayaramaiah
Professor & Head

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

Name of the examiners

1. *J. Ruby Dimakari*
2. *S. Suralini*

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560068.
Signature with date
1. *[Signature] 24/6/17*
2. *[Signature] 24/6/17*

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068

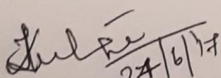
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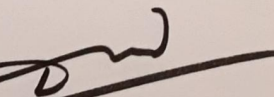
Department of Information Science and Engineering

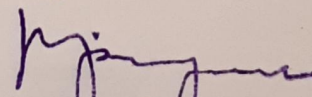


CERTIFICATE

Certified that the project work entitled "An Industrial Smart Helmet for Air Quality and Hazardous Event Detection using Smart Band" carried out by KISHORE L [IOX12IS051] PRASHANTH S [IOX13IS056], SAGAR V [IOX3IS072], SUNIL KUMAR K [IOX3IS097] 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 Visveswaraiiah Technological University, Belagavi during the year 2016-2017. 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. J. Karthiyayini
Assistant Professor

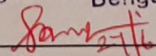
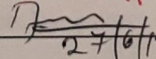

Dr. D. Jayaramaiah
Professor & Head


Dr. Praveena Gowda
Principal

Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR I

Signature with date



27/6/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560068

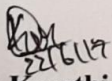
(Affiliated to Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering



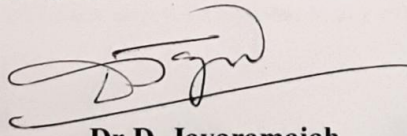
CERTIFICATE

Certified that the project work entitled "Sentimental Analysis of Real Time Twitter Based Tweets" carried out by ARCHANA K L[10X12IS015], ANANYA CHANDRAN K C[10X12IS012], MEGHA K[10X12IS069], SWATHI KRISHNA[10X12IS109] 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 2016-2017. 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.


22/6/17

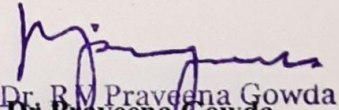
Mrs. Keerthi H

Assistant Professor



Dr. D. Jayaramaiah

Professor & Head



Dr. Praveena Gowda

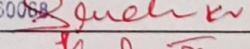
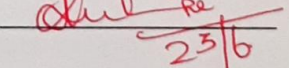
Principal

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

Name of the examiners

1. SREDEVE K N
2. J. Karthiyayini

Signature with date


23/06/17

23/6

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

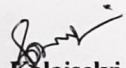
(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum)

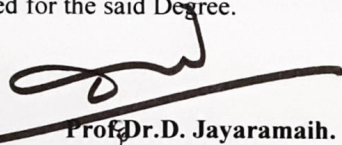
Department of Information Science and Engineering

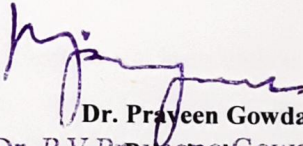


CERTIFICATE

Certified that the project work entitled **"An Indoor Positioning System To Monitor And Analyse Real Time Patient Data Using Trilateration Method"** carried out by **Sukeerthana .P (IOX13IS052), Rekha. S (IOX13IS070), M.Navya Lahari (IOX12IS057), Sanjana John (IOX13IS077)**, bonafide 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, Belgaum**, during the year **2016 – 2017**. 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. Kalaiselvi
Assistant professor
Dept. of ISE


Prof. Dr. D. Jayaramaih.
Head Of Department
Dept. of ISE


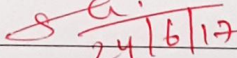

Dr. Praveen Gowda
Principal

Dr. R.V. Praveen Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hesur Road
Bangalore-560068

Name of the Examiners
External Viva
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hesur Road, Bangalore-560068.

1. J. Ruby Dinakaran
2. S. visalini

Signature with Date


24/6/17

24/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068

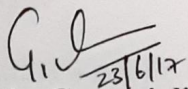
(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

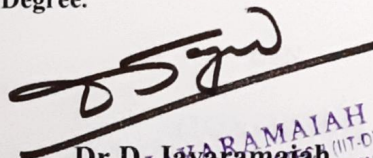
Certified that the project work entitled "Fine Grained Two-Factor Access Control for Web-Based Cloud Computing Services" carried out by AISHWARYA .P.K [IOX13IS004], KASTHURI.R [IOX13IS030], MEGHA.C.K [IOX13IS040], MEGHA.R [IOX13IS041] bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of the Visveswaraiiah Technological University, Belagavi during the year 2016-2017. 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.


23/6/17

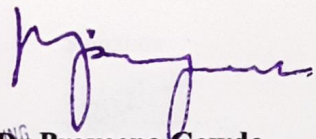
Ms. Geetanjali
Assistant Professor

Name of the examiners

1. J. Ruby Dinakar
2. S. Visalini

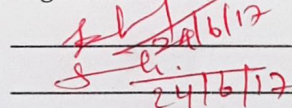
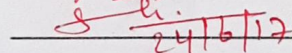


Dr. D. Jayaramaiah
Professor & Head
PHD, BITE, SMCSI, MPA, MCA, MIB, MIB (IT-D)
PROFESSOR & HEAD OF DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.



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

Signature with date


23/6/17

24/6/17

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

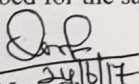
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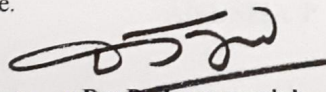
Department of Information Science and Engineering




CERTIFICATE

Certified that the project work entitled "Practical Approximate kNN Queries with Location and Query Privacy using ABE" carried out by BHARATH KUMAR B(10X13IS012), MANJUNATH R(10X13IS039), PAVAN J(10X13IS053) and ANUSHA P(10X12IS080), 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 2016-2017. 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. Chempavathy.B
Asst. Professor, Dept. of ISE


Dr. D.V. Jayaramaiah
Prof. & Head, ISE


Dr. R.V. Praveena Gowda
Principal, TOCE

PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.
External Viva

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

| Name of the examiners | Signature with date |
|-----------------------|---------------------|
| 1. _____ | _____ |
| 2. _____ | _____ |

THE OXFORD COLLEGE OF ENGINEERING

BANGALORE

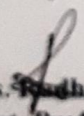
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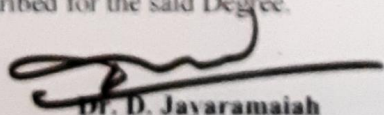
Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "**Futuristic Trolley for Intelligent Billing using ARM LPC 2148 and RFID Technology**" carried out by **PURBASA GOSWAMI (IOX13IS062)**, **RANJU R (IOX13IS068)**, **SAVITA MEHTA (IOX13IS079)** and **AYESHA SHARIFURRAHMAN TARANNUM (IOX14IS401)**, 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 **2016-2017**. 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. Padma D N
Asst. Professor


Dr. D. Jayaramaiah
Professor & Head

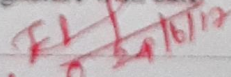
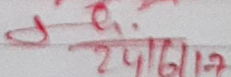
Dr. R.V. Praveena
Gowda, Principal, TOCE

External Viva

Name of the examiners

1. J. Ruby Sinakar
2. S. Vasalini

Signature with date


24/6/17

24/6/17

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 **"IoT Based Smart City Transportation System"** carried out by **PUNITH P (10X13IS061)**, **ROJA R (10X13IS071)**, and **SANDEEP D (10X13IS074)**, 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 **2016-2017**. 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.

M. Lohitha
Mrs. Lohitha M

Asst. Professor, Dept. of ISE

[Signature]
Prof. Dr. D. Jayaramaiah
Dr. D JAYARAMAIAH
HOD, Dept. of ISE

PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068

[Signature]
Dr. 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. SRIDEVI K N
2. J. Karthiyagani

Signature with date

[Signature] 23/06/17
[Signature]
23/6

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

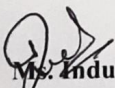
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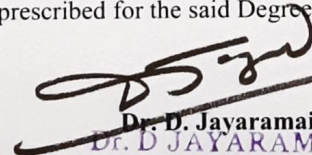
Department of Information Science and Engineering

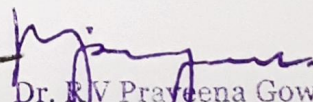


CERTIFICATE

Certified that the project work entitled "CONJUNCTIVE KEYWORD SEARCH WITH TIMING ENABLED PROXY RE-ENCRYPTION FUNCTION FOR E-HEALTH CLOUDS" carried out by Avinash Bhat (10X13IS011), Divya H (10X13IS020), Manasa J (10X13IS037) and Navyashree H K (10X13IS049), 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 2016-2017. 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. Indu K S
Assistant Professor

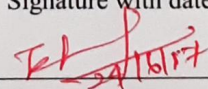

Dr. D. Jayaramaiah
Dr. D. JAYARAMAIAH
P.H.D., F.I.T., M.Tech (IIT-D)
Professor & Head
PROFESSOR & HOD INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068.


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

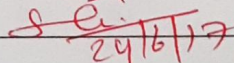
External Viva Name of the examiners

Signature with date

1. J. Ruby Dinekar


24/6/17

2. S. Visalini


24/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068

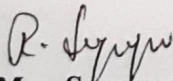
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Department of Information Science and Engineering



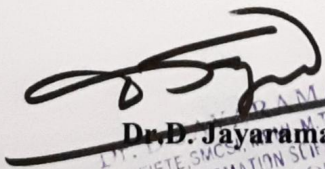
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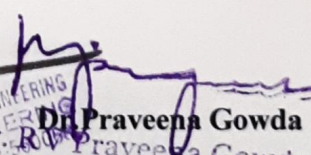
Certified that the project work entitled **"An Audio Based Application to Aid Visually Impaired Users"** carried out by **SANIYA KHAN[10X13IS076]**, **SHAFALI JAIN[10X13IS081]**, **SHARATH JAGAJAMPI M[10X13IS084]**, **SOMASHEKAR B A[10X12IS105]** bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of the Visveswaraiiah Technological University, Belagavi during the year 2016-2017. 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. Suganya
Assistant Professor

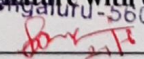
Name of the examiners

1. S. Kalaiselvi
2. S. RAJESWAR


Dr. D. Jayaramaiah
Professor & Head


Dr. Praveena Gowda
Principal

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

Signature with date

24/6/17

THE OXFORD COLLEGE OF ENGINEERING BANGALORE

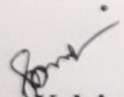
(Affiliated to VISVESWARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

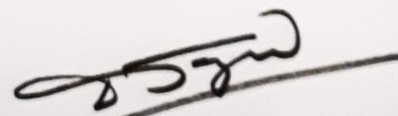
Department of Information Science and Engineering

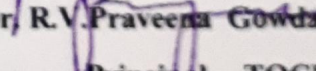


CERTIFICATE

Certified that the project work entitled "Enhanced Security Mechanism For SCADA System In Cloud Environment" carried out by **BHIM PRATAP (10X13IS013), PUJARI MADHURYA (10X13IS060), SYEDA AYESHA (10X13IS101) and VEEKSHITHA DSOUZA (10X13IS104)**, bonafied students of **THE OXFORD COLLEGE OF ENGINEERING, BANGALORE** 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 **2016-2017**. 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. Kalaiselvi
Asst. Professor
Dept. Of ISE


Dr. D Jayaramaiah
Dr. D JAYARAMAIAH
PHD, FIETE, SMSE, M. TECH (IT-10)
PROFESSOR & HEAD, DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Main Road, Bangalore-560068
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. S. Kalaiselvi
2. S. Rajeswari

S. Kalaiselvi
27/6/17

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 "VOICE BASED HOME AUTOMATION CONTROL SYSTEM FOR SPEECH IMPAIRED PEOPLE" carried by Bindhu B N (IOX13EC020), Gayathri D (IOX13EC030), Anitha karegowdar (IOX13EC009) and Anjali B (IOX13EC011) 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 ENGG of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2016-17. 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.

N.W.
Guide
22/06/17

JAYARAJ N

Asst. professor

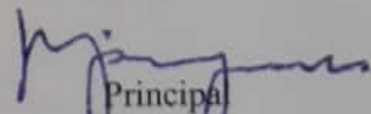
Dept. of ECE, TOCE


Dr. MANJU DEVI

Dept. of ECE

TOCE

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


Principa

Dr. R V PRAVEENA GOWDA

TOCE

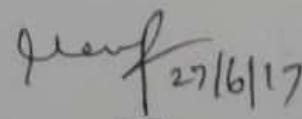
Dr. R V Praveena Gowda
Principal

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

Name of the Examiners

1. Dr. Manju Devi

2. C. Srinivasulu


27/6/17


2016

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BENGALURU-560068.

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the seminar entitled **ROBOTIC SURVEILLANCE GROUND MODULE FOR MILITARY AND DISASTER MANAGEMENT** carried out by **DEBAYAN BHATTACHARYYA (10X13EC024), KUMAR KAUSHIK S(10X13EC046), KUNDAN KUMAR RAI(10X13EC047), SHAIK MANSOOR PASHA B(10X13EC101)**, is a bonafide student of Electronics and Communication Engineering of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of **BACHELOR OF ENGINEERING** in **ELECTRONICS AND COMMUNICATION ENGINEERING** of the Visvesvaraya Technological University, Belagavi during the year **2016-17**. It is certified that all corrections/suggestions indicated for Internal Assessment has been incorporated in the Report deposited in the Departmental Library. The seminar report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.

Mrs. Dhanya.E
Asst. Professor
Dept. of ECE, TOCE.

Dr. Manju Devi
Professor and HOD
Dept. of ECE, TOCE.

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

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

Name of the Examiners

Signature with Date.

Examiner 1:

Examiner 2:

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled **“ROBUST RAILWAY CRACK DETECTION SCHEME WITH LED-LDR ASSEMBLY”** is a bonafide work carried out NISHANTH REDDY KONDA (10X10EC038), RAJA SEKHAR REDDY (10X12EC071), GAURAV T (10X10EC022), ASHWATHA(10X13EC401) in partial fulfillment for the award of **BACHELOR OF ENGINEERING in ELECTONICS AND COMMUNICATION ENGINEERING** under **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM** during the year **FEB –MAY 2017**. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the dissertation accordingly. The Project report has been approved as it satisfies the academic requirements required for the B.E degree.

P. Sharan
Guide

Dr. VIVEK MAIK
Asst. Professor,
Dept. of ECE, TOCE

HOD

Manjudevi
Dr. MANJUDEVI
Professor and HOD
Dept. of ECE, TOCE
Professor & HOD of E&C Engineering
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Principal

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

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

EXTERNAL VIVA

NAME OF THE EXAMINERS

EXAMINER 1: N. JAYARAJ

EXAMINER2: ANANTH KUMAR M.S.

SIGNATURE WITH DATE

N. Jayaraj
23/06/17

M.S. Ananth Kumar
23/06/17

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE – 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 “**OPTICAL COMMUNICATION FOR REAL TIME MIXED NETWORK**” is a bonafide work carried out by **RAVIKIRAN V(10X13EC074), MAHITH KUMAR REDDY M (10X13EC053), MADHUSANGMESH P (10X13EC052), SUBRAMONY M (10X13EC087)** 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 2017**. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the dissertation accordingly. The Project report has been approved as it satisfies the academic requirements required for the B.E degree.

Guide

Mr. PIRUTHIVIRAJ.P
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HOD

Dr. MANJU DEVI
Professor and HOD
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Dr. R.V PRAVEENA GOWDA
Principal, TOCE
Dr. R.V Praveena Gowda

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Bengaluru-560 068

EXTERNAL VIVA

NAME OF THE EXAMINERS

SIGNATURE WITH DATE

EXAMINER 1:

EXAMINER 2:

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering



CERTIFICATE

This is to Certify that the Project work entitled "BI-DIRECTIONAL SIGN LANGUAGE TO VOICE TRANSLATOR" carried out by AMAR SANKAR CHOWDHURY (10X13EC008), JAYA PRABHAKAR P (10X13EC036), KARTHIC J (10X13EC041), LALITH KUMAR A N (10X13EC049), 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 the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI 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. Sridhar

Guide

Prof. SRIDHAR N

Asst. professor

Dept. of ECE, TOCE

HOD

Dr. MANJU DEVI

Dept. of ECE

TOCE

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Bommanahalli, Bangalore - 560 068

Dr. R.V. Praveena Gowda

Principal

Dr. R.V.PRAVEENA GOWDA

Dr. R.V Praveena Gowda

TOCE Principal

The Oxford College of Engineering
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Bengaluru-560 068.

Name of the Examiners

Examiner 1.

Dr. Manju Devi

Signature with date

Manju Devi 6/1/17

Examiner 2.

C. Srinivasulu

C. Srinivasulu
28/6

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE - 560068

(Affiliated to VTU and approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

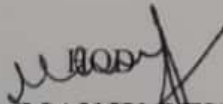
This is to certify that the Project work entitled "VOICE BASED HOME AUTOMATION CONTROL SYSTEM FOR SPEECH IMPAIRED PEOPLE" carried by Bindhu B N (10X13EC020), Gayathri D (10X13EC030), Anitha karegowdar (10X13EC009) and Anjali B (10X13EC011) bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment of requirement for the award of BACHELOR OF ENGINEERING (B.E) in ELECTRONICS AND COMMUNICATION ENGG of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2016-17. 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.

N.W
27/06/17
Guide

JAYARAJ N

Asst. professor

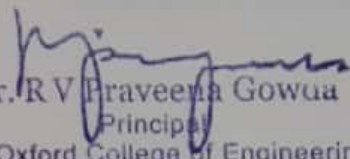
Dept. of ECE, TOCE


Dr. MANJU DEVI

Dept. of ECE

TOCE

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


Dr. R V Praveena Gowda

Principal

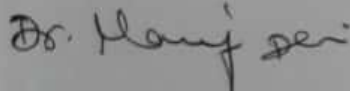
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

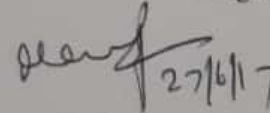

Dr. R V PRAVEENA GOWDA

TOCE

Name of the Examiners

Signature with date


C. Suresh


27/6/17

2016

THE OXFORD COLLEGE OF ENGINEERING

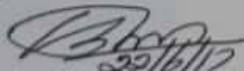
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560068
(Affiliated to VTU and approved by AICTE)

Department of Electronics & Communication Engineering

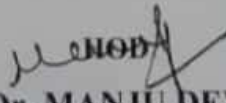


CERTIFICATE

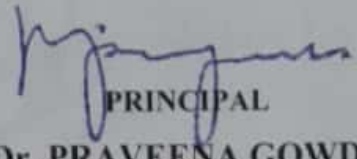
Certified that the Project work entitled "RGB BASED COMBAT ROBOT " carried out by ARFA AHAMED(10X13EC014), ASRIN HUSSAIN(10X13EC018), CHAITRA HEGDE(10X13EC021), HARSHITHA L U(10X13EC034) students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI 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 said Degree.


GUIDE

Mrs. CHRISPIN JIJI
Asst. Professor
Dept of ECE, TOCE
Bengaluru


HOD

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


PRINCIPAL

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

NAME OF EXAMINERS

1) N. JAYARAJ

2) ANANTH KUMAR M.S.

SIGNATURE WITH DATE

N. J. 23/06/17

M.S. Ananth Kumar
23/06/17

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 "DETECTION OF CANCER USING MATLAB AND ANDROID APP" carried out by Mr. Akshay Gowda H V (10X14EC401), Mr. Rushik A (10X14EC415), Praveen Desai (10X14EC412), Mr. Ajith P U (10X14EC400) bona fide 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 the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2016-17. 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 academics requirements in respect of project work prescribed for the said Degree.

P. Sharan

Guide

Dr. PREETA SHARAN

professor

Dept. of ECE, TOCE

Name of the Examiner & Signature with date

Examiner 1.

Examiner 2.

P. Sharan

HOD

Dr. MANJU DEVI

Dept. of ECE

TOCE

Professor & HOD of E&C Engineering

The Oxford College of Engineering

Bommanahalli, Bangalore - 560 068

R. V. Praveena Gowda

Principal

Dr. R V PRAVEENA GOWDA

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068

27/6/17

C. Sampath

Ran

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 "SUPER RESOLUTION TO ENHANCE LOW RESOLUTION IMAGERY TO HIGH RESOLUTION FOR ADVANCED DEVICES" carried out by Mr. Abhin BT (10X12EC003), Mr. Badri Sri Anjaneya Raju (10X11EC010), Mr. Muhammed Savad K (10X12EC057), Mr. Sachin Meto (10X12EC077) 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 the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2016-17. 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.

N. V.
22/06/17
Guide

for Dr. VIVEK M
Assoc. professor
Dept. of ECE, TOCE

HOD

Dr. MANJUDEVI
Dept. of ECE
TOCE

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

Signature with date

Examiner 1. Dr. Manjudevi

Examiner 2. C. Sampalath

22/6/17

Principal

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 " GSM based smart Energy Monitoring and optimisation system " is a bonafide work carried by **ABDAL PASHA K [10X13EE002]** , **BHARATH KUMAR A [10X13EE019]** , **HEMANTH J P [10X13EE030]** , **M ABDUL AZEEZ MUQTHAR [10X13EE040]** of VIII semester [B.E.] , in partial fulfilment for the award of the degree of Bachelor of engineering in electrical and electronics engineering of Visvesvaraya technological university , Belgaum during the academic year 2016-2017. It is certified that all corrections / suggestions indicated for the internal assessment have been incorporated in the report deposited in the department library . The project has been approved as it satisfies the academic requirement prescribed for the said degree.

Signature of the guide

Mr. Jayakumar N
(Associate Professor)

Signature of HOD

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

Signature of the Principal

Name of Examiners

JAYAKUMAR, N.
R. GUNASEKARI

Signature with date

N. Jayakumar 23/6/17
R. Gunasekari 23/6/17

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,

| | |
|---------------|------------|
| MADHU R | 10X13EE043 |
| MEGHA M D | 10X13EE046 |
| MONISHA S N | 10X13EE051 |
| NANCY MANOHAR | 10X13EE053 |

bonafide students of The Oxford College of Engineering, has completed the project work entitled “DESIGN AND DEVELOPMENT OF SOLAR POWERED BLUETOOTH CONTROLLED ROBOTIC VEHICLE ” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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.


24/6/17

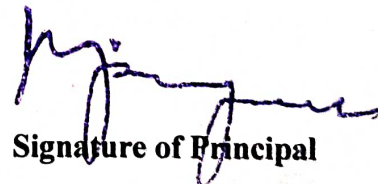
Signature of Guide

Mr. Jaya Kumar. N


24/6

Signature of HOD

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

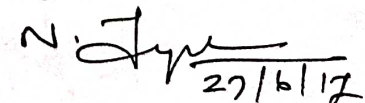


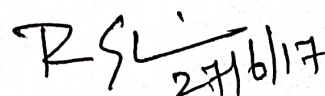
Signature of Principal

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

The Oxford College of Engineering
Bommanahalli, Hosur Road

Bengaluru, 560 068
Signature with date.


27/6/17


27/6/17

External Viva

Name of the Examiners:

1. JAYAKUMAR. N
2. R. GUNASEKARI

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,

MOHAMMED NOUMAN A

USN: 10X13EE049

MONICA R

USN: 10X13EE050

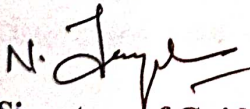
NETHRAVATHI M

USN: 10X13EE055

NOORUDDIN KHAN

USN: 10X13EE414

bonafide students of The Oxford College of Engineering, has completed the project work entitled “**MONITORING AND CONTROL OF VARIABLE FREQUENCY DRIVE FED 3 PHASE INDUCTION MOTOR USING 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 2016-2017. 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.



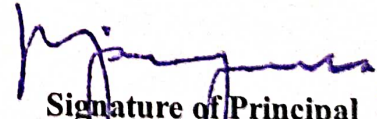
Signature of Guide

Mr. Jayakumar N



Signature of HOD

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



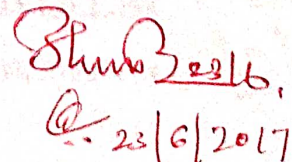
Signature of Principal

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068
Signature with date.

Name of the Examiners:

1. Dr. v. s. Bharath.
2. Lalithamma. G.A.


@ 23/6/2017

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




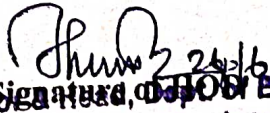
CERTIFICATE

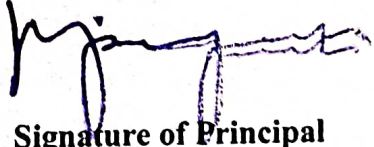
This is to certify that the following students,

| | |
|-----------------|-----------------|
| AJITH T J | USN: 10X13EE004 |
| ATHER PASHA | USN: 10X13EE011 |
| BADARI A R | USN: 10X13EE015 |
| RAGHAVENDRA V S | USN: 10X12EE057 |

The bonafide students of The Oxford College of Engineering, has completed the project work entitled "ELECTRIC VEHICLE CHARGING STATION WITH AN ENERGY STORAGE STAGE FOR SPLIT DC BUS VOLTAGE BALANCING" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Nalina Kumari


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


Signature of Principal

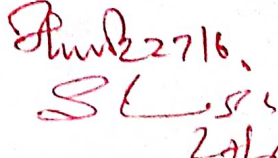
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners:

1. Dr. v. s. Bharath
2. Sandeep R. S.

Signature with date.


27/6

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,

- | | |
|---------------------|--------------|
| 1. ABHISHEK S KUMAR | (10X13EE003) |
| 2. BHEEMANNA ANGADI | (10X13EE020) |
| 3. D RAMESH | (10X13EE025) |
| 4. HANUMARADDY M | (10X13EE027) |

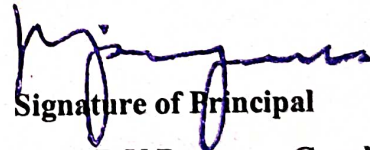
Bonafide students of The Oxford College of Engineering, has completed the project work entitled “PHOTO VOLTAIC FED SINGLE PHASE INDUCTION MOTOR FOR RURAL PUMPING APPLICATION” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Thiruvonasundari D


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

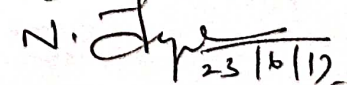
Dr. R.V Praveena Gowda
Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

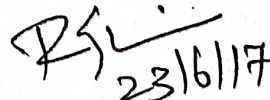
External Viva

Name of the Examiners:

- 1.....JAYAKUMAR..N
2.....R. GUNASEKARI

Signature with Date.


23/6/17


23/6/17

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, Bengaluru – 560068



CERTIFICATE

This is to certify that the following students,

| | |
|------------------|------------|
| B AKSHAYA | 10X13EE013 |
| B U LAVANYA | 10X13EE014 |
| BRINDA P A | 10X13EE021 |
| VANKATA RAMANA V | 10X09EE067 |

bonafide students of The Oxford College of Engineering, has completed the project work entitled "ANALYSIS OF VARIOUS SPEED CONTROL METHODS OF INDUCTION MOTOR DRIVES" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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.

Devi
24/6/17

Signature of Guide

Mrs. B Devi Vighneshwari

Bharath
24/6

Signature of HOD

Dr. Bharath V.S

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

Praveena

Signature of Principal

Dr. B.V. Praveena Gowda
Principal

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

Signature with date.

N. Jay
27/6/17

P. S. C.
27/6/17

External Viva

Name of the Examiners:

1. JAYAKUMAR . N
2. R. GUNASEKARI

THE OXFORD COLLEGE OF ENGINEERING

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Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

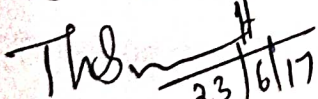
Department of Electrical and Electronics Engineering




CERTIFICATE

This is to certify that the Project entitled "Solar Power Generation Using Seven Level Invertors" carried out by ANUJA R (10X13EE007), ANUSHA M N (10X13EE008), CHETHAN G R (10X13EE023), DIVYA M K (10X13EE026) are the bonafide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of Bachelor of Engineering in **ELECTRICAL AND ELECTRONICS ENGINEERING** of the Visvesvaraya Technological University, Belgaum. During the year 2016-17. 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 Guide


23/6/17
Mrs. Sumitha T.L

Signature of HOD


23/6
Dr. Bharath V.S
Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

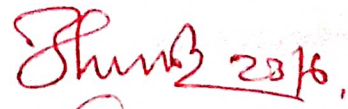
Signature of principal


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

Name of the Examiners:

1. Dr. V.S. Bharath
2. Leelamma - 6/4

Signature with date.


23/6
23/6/2017

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 entitled "**War Field Spying Robot with Night Vision Wireless Camera**" carried out by JOHN MARSHAL L (10X13EE032) KARTHIK L (10X13EE033) KUMARESH J (10X13EE036), MARTINE J DSOUZA (10X13EE045) is a bonafide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of Bachelor of Engineering in **ELECTRICAL AND ELECTRONICS ENGINEERING** of the Visvesvaraya Technological University, Belgaum. During the year 2016-17. 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.

Nisha.C.Rani
Signature of guide

Mrs.Nisha.C.Rani

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 - 500 068.

Dr. R.V Praveena Gowda
Signature of principal

Dr. R.V Praveena Gowda

Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Signature with date:

External Examiners:

1. *Dr. v.s. Bharath*
2. *Lalithamma-G.A*

Dr. R.V Praveena Gowda
Signature with date:
23/6/17

THE OXFORD COLLEGE OF ENGINEERING

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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 entitled "Design and Development of Grid Tied Solar Inverter" carried out by Bhagyalakshmi P M (10X14EE401), Mouna S(10X14EE412) Nagendra M A(10X14EE415), Manjunath S(10X13EE044) is a bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in ELECTRICAL AND ELECTRONICS ENGINEERING of the Visvesvaraya Technological University, Belgaum. During the year 2016-17. 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

Nisha C Rani
Signature of guide

Mrs. Nisha C Rani

Shubh 27/6
Signature of HOD

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

Dr. Bharath V S

[Signature]
Signature of principal

Dr. Praveena Gowda R V

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

Signature with date:

Shubh 27/6
SL 27/6

External examiners:

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

2016-2017

The Oxford College of Engineering

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

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the following students,

| | |
|-------------------------|------------|
| INDRAJA K S | 10X13EE029 |
| JAGADISHCHANDIRA BOSE S | 10X12EE061 |
| LIKHITHA M | 10X13EE039 |
| NANDINI S | 10X13EE054 |

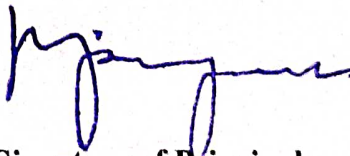
bonafide students of The Oxford College of Engineering, has completed the project work entitled "DESIGN AND REAL-TIME CONTROLLER IMPLEMENTATION FOR A BATTERY-ULTRACAPACITOR HYBRID ENERGY STORAGE SYSTEM" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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.

T. Someswari
Signature of Guide

Mrs. T. Someswari


Signature of HOD

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

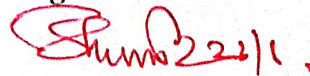

Signature of Principal

Dr. R.V Praveena Gowda

Dr. RV Praveena Gowda
Principal

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

Signature with date.



23/6/2017

External Viva

Name of the Examiners:

1. Dr. v. s. Bharath.
2. Lalitha m u - a . t

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, Bengaluru – 560068



CERTIFICATE

This is to certify that the following students,

| | |
|---------------|------------|
| HEMANTH B | 10X14EE406 |
| LAKSHMAN B | 10X13EE038 |
| MANOJ KUMAR G | 10X14EE410 |
| VINOD KUMAR | 10X13EE423 |

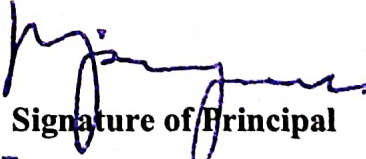
bonafide students of The Oxford College of Engineering, has completed the project work entitled "POWER QUALITY IMPROVEMENT WIND/PV HYBRID SYSTEM BY USING FACTS DEVICE" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2016-2017. 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. K Navatha Kumari


Signature of HOD

Dr. Bharath, 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
Bengaluru-560 068

External Viva

Name of the Examiners:

1. Dr. v.s. Bharath
2. Sandeep S

Signature with date.


SL S
27/6

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,

| | |
|-------------|-----------------|
| DILEEP R | USN: 10X13EE403 |
| LOKESH S | USN: 10X13EE406 |
| HARISHBABU | USN: 10X14EE405 |
| NATARAJ K G | USN: 10X14EE416 |

bonafide students of The Oxford College of Engineering, has completed the project work entitled “VEHICLE MONITORING: SMART SURVEILLANCE” in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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 Manjula.C

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

Signature of Principal

Dr. R.V. Praveena Gowda
Principal

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

External Viva

Name of the Examiners:

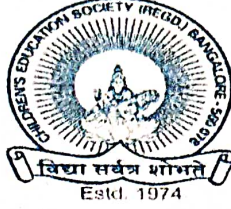
1. Dr. v.s. (Bharath)
2. Sandeep S.R

Signature with date.

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, Bengaluru – 560068



CERTIFICATE

This is to certify that the following students,

| | |
|--------------------|------------|
| BALWANTREDDY | 10X13EE016 |
| MADHU SUDHAN G | 10X13EE042 |
| MAHESH KUMAR P | 10X14EE409 |
| PURANDHARA REDDY N | 10X14EE418 |


bonafide students of The Oxford College of Engineering, has completed the project work entitled “MINATURE THERMAL POWER PLANT USING TEP TRANSDUCER AND SOLAR FOR DOMESTIC AND INDUSTRIAL APPLICATIONS” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2016-2017. 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. K Navatha Kumari


Signature of HOD

Prof. Dr. Bharath V. S.
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

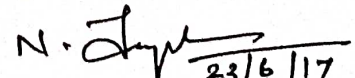
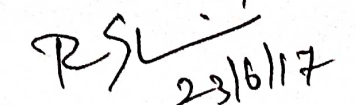
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners:

1. JAYAKUMAR .N
2. R. GUNASEKARI

Signature with date.


23/6/17

23/6/17

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,

| | |
|------------------------|------------|
| 1. BALAJI | 10X14EE400 |
| 2. DEVARAJ | 10X14EE402 |
| 3. NAGARAJ PATGAR | 10X14EE413 |
| 4. SUSHEELKUMAR CHAWAN | 10X14EE420 |


Bonafide students of The Oxford College of Engineering, has completed the project work entitled "SPEED AND DIRECTION CONTROL OF DC MOTOR BY USING MICROCONTROLLER" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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.

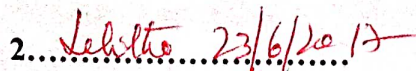

Signature of Guide

Mrs. Navatha Kumari

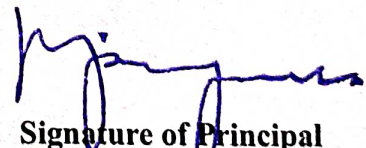
External Viva

Name of the Examiners:

1. 

2. 


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


Signature of Principal

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

(Affiliated To Visvesvaraya Technological University, Belgaum)

Hosur Road, Bommanahalli, Bangalore – 560068

Department of Electrical and Electronics Engineering



CERTIFICATE

Certified that the Project entitled “Design of ARINC 429 interface card and simulation of DIU” is a bonafide work carried out by the below mention students, The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Technology in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2016-17. 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 of PROJECT WORK prescribed for the Bachelor of Engineering Degree.

- | | |
|------------------------|--------------|
| 1.ATHAVALE MONICA ANIL | (10X13EE010) |
| 2.CHAITRA. CHAVADI | (10X13EE022) |
| 3.HARSHITHA.S.A | (10X13EE028) |
| 4.MEGHANA K.E | (10X13EE047) |

Nisha C. Rani

Internal Guide

Mrs.Nisha C.Rani

[Signature]

HOD

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

[Signature]

Dr. R.V. Praveena Gowda
Principal

Signature of Examinar:

- JAYAKUMAR.N
- R. GUNASEKARI

1 *[Signature]* 23/11/17

2 *[Signature]* 23/11/17

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,

| | |
|-----------------|------------|
| AZIZMIYA | 10X13EE012 |
| BASAVARAJ | 10X13EE017 |
| KAVITA M TENGLI | 10X13EE034 |
| K VEENA PANCHAL | 10X13EE037 |


bonafide students of The Oxford College of Engineering, has completed the project work entitled “MISSILE GUIDANCE USING KALMAN ESTIMATE” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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.

T. Someswari
Signature of Guide

Mrs. Someswari. T


Signature of HOD

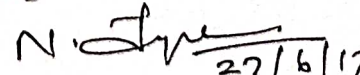
Professor & Head, Dept. of EEE
Dr. Bharathi V.S.
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.

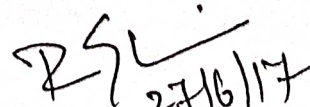

Signature of Principal

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

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

Signature with date.


27/6/17


27/6/17

External Viva

Name of the Examiners:

1. JAYAKUMAR. N
2. R. GUNASEKARI

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,

| | |
|-----------------|-----------------|
| KIRTI GIRENAVAR | USN: 10X13EE035 |
| NIDHI A V | USN: 10X13EE056 |
| SNEHA VIJAY B V | USN: 10X13EE094 |
| VARSHA H N | USN: 10X13EE107 |

bonafide students of The Oxford College of Engineering, has completed the project work entitled "ANALYSIS OF CONTROLLERS FOR BLDC MOTOR" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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

Mrs. B Devi Vighneshwari

Signature of HOD

Dr. Bharath V.S
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
BANGALORE - 560 068

Dr. R.V. Praveena Gowda

External Viva

Name of the Examiners:

- JAYAKUMAR . N
- R. GUNASEKARI

Signature with date.

N. Jayan
23/6/12

R. Gunasekari
23/6/17

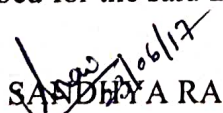
THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road, Bengaluru – 560068
(Affiliated To Visvesvaraya Technological University)
(Accredited by NBA and NAAC)


Department of Electrical and Electronics Engineering




CERTIFICATE

Certified that the project work entitled “ZIGBEE SENSOR NETWORK FOR ADVANCED METER MONITORING AND CONTROLLING” carried out by PAVITHRA O (10X13EE060), SHRUTHI R (10X13EE068), SRIVIDYA S (10X13EE096), SWETHA Y(10X13EE103), bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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 SANDHYA RAI
Associate prof
Dept. EEE

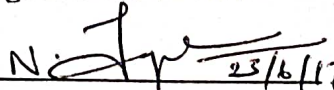

Dr. V S BHARATH
HOD
Professor & Head, Dept. of EEE
Dept. EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.
External Viva

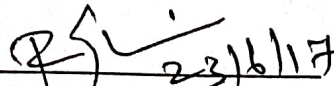

Dr. R V PRAVEENAGOWDA
Principal
TOCE

Name of the Examiners

1. JAYAKUMAR N
2. R. GUNASEKAR

Signature with Date


23/6/17


23/6/17

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,

| | |
|------------------|------------|
| REKHA T | 10X13EE072 |
| SANDHYA M | 10X13EE077 |
| SWATHI REDDY M V | 10X13EE102 |
| UZMA | 10X13EE105 |

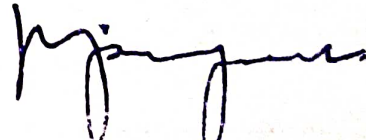
bonafide students of The Oxford College of Engineering, has completed the project work entitled “DESIGN AND ANALYSIS OF ULTRACAPACITOR FED VOLTAGE SOURCE CONVERTER USING PASSIVE POWER FILTERS” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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 A Nalina Kumari


Signature of HOD

Prof. Dr. Bharath, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.


Signature of Principal

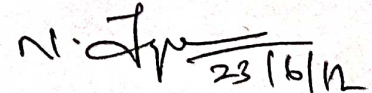
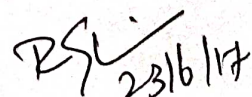
Dr. R.V Praveena Gowda
Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

External Viva

Name of the Examiners:

1. JAYAKUMAR. N
2. R. GUNASBKARI

Signature with date.


23/6/17

23/6/17


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

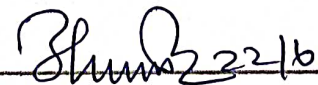



CERTIFICATE

This is to certify that the Project work entitled "A BIDIRECTIONAL SINGLE STAGE THREE PHASE RECTIFIER WITH HIGH FREQUENCY ISOLATION WITH DIFFERENT VOLTAGE LEVEL FOR INDUSTRIAL APPLICATION" has been carried out by **Shantesh.VK (10X13EE084), Shwetha.BG (10X13EE090), Shwetha.M (10X13EE091), Sreelatha.P (10X13EE095)** bonafide students of **The Oxford College of Engineering, Bangalore** in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2016-17**.

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 degree.


 Signature of
 Project Coordinator
Mrs. RAICHEL RUBY.M
 Asst. Professor
 Dept. of EEE, TOCE.


 Signature of the HOD
 Professor & Head, Dept. of EEE
Dr. BHARATH V.S.
 Professor and HOD
 The Oxford College of Engineering
 Bommanahalli, Hosur Road,
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
 Bangalore - 560 068
Signature with Date

Name of the Examiners

1. ...**JAYAKUMAR . N**.....
2. ...**R. GUNASEKARI**.....

.....**N. Jay**.....**23/6/17**
**R.S.**.....**23/6/17**

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

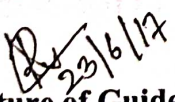


CERTIFICATE

This is to certify that the following students,

| | |
|---------------------|------------|
| AKSHATA | 10X13EE005 |
| SHRADDHA SUNDARESAN | 10X13EE088 |
| SINCHANA J KABBUR | 10X13EE093 |
| SUVARNA | 10X13EE100 |

bonafide students of The Oxford College of Engineering, has completed the project work entitled "TRANSFORMERLESS PHOTOVOLTAIC INVERTER BASED ON INTERLEAVING HIGH-FREQUENCY LEGS HAVING BIDIRECTIONAL CAPABILITY" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. RESNA S.R

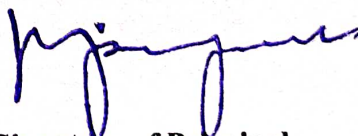
External Viva

Name of the Examiners:

1. JAYAKUMAR. N
2. R. GUNASECARI


Signature of HOD

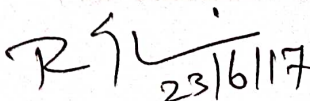
Prof. Dr. Bharath V.S.
Head, Dept. of EEE
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560068.


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
Signature with date.


N. Jayaram 23/6/17


R. Gunasecari 23/6/17

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

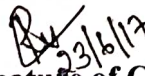


CERTIFICATE

This is to certify that the following students,

| | |
|------------------|-----------------|
| PRASHANTH D C | USN: 10X13EE065 |
| MADHUNAİK M V | USN: 10X14EE408 |
| SOMASHEKHARA M N | USN: 10X14EE419 |
| THEJASH M | USN: 10X14EE421 |

Bonafide students of The Oxford College of Engineering, has completed the project work entitled “ A MEDIUM FREQUENCY TRANSFORMER-BASED WIND ENERGY CONVERSION SYSTEM USED FOR CURRENT SOURCE CONVERTER BASED OFFSHORE WIND FARM” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Resna S R

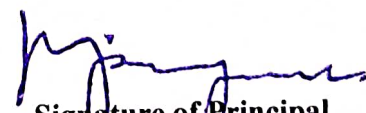
External Viva

Name of the Examiners:

1. Dr. v.s. Bharath
2. Lalithamma G.A

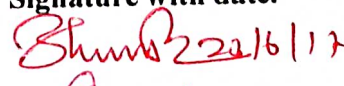
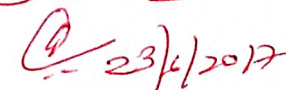

Signature of HOD

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


Signature of Principal

Dr. R.V Braaveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068
Signature with date.


22/6/17

23/6/2017

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,

SHASHIKANTH K

10X13EE086

RN SUNIL

10X13EE097


SURAJ S RAJ

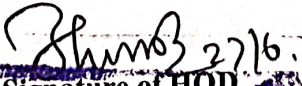
10X13EE099


VENKATE GOWDA IR

10X13EE110

Bonafide students of The Oxford College of Engineering, has completed the project work entitled "DESIGN AND IMPEMENTATION OF RAIL GUN FOR THE MISSILE APPLICATION" in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronic Engineering** of the **Visvesvaraya Technological University, Belgavi** during the year **2016-2017**. 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 requirement in the respect of seminar work prescribed for the said Degree.


Signature of the Guide
Mrs. Thiruvona Sundari D

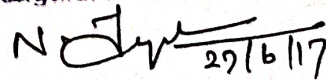

Signature of HOD
Professor & Head Dept. of EEE
Dr. Bharathi M. S
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 008.

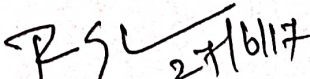

Signature of Principal
Dr. R. V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 008.

External Viva

Name of the Examiners:

1. JAYAKUMAR. N
2. R. GUNASEKARI


Signature with date.
27/6/17


Signature with date.
27/6/17

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

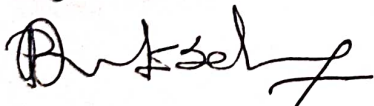


CERTIFICATE

This is to certify that the following students,

| | |
|----------------------|------------|
| SHAMANTH B C | 10X13EE083 |
| PAPUN | 10X13EE059 |
| VARUN KUMAR V | 10X13EE108 |
| SANTHOSH SANKANNAVAR | 10X13EE418 |

Bonafide students of The Oxford College of Engineering, has completed the project work entitled "AUTO POWER SUPPLY CONTROL FROM FOUR DIFFERENT SOURCES USING PIC MICROCONTROLLER:MAINS,GENERATOR,INVERTER,SOLAR TO ENSURE NO BREAK POWER" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Arut Selvi Nagammai


External Viva

Name of the Examiners:

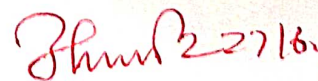
1. DR. V. S. BHARATH
2. Sandeep S.R.


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
Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE - 560 068
Signature with date


SL 512
27/6

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,

RAJU V VERNEKAR

USN: 10X13EE069

VEERESH T

USN: 10X13EE109

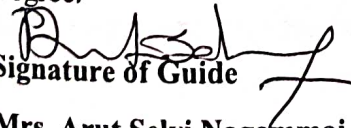
VENKATESH NAYAK


USN: 10X13EE111

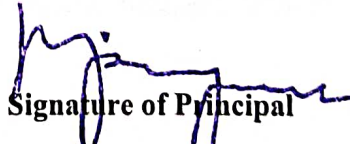
VENKATESH M

USN: 10X13EE082

bonafide students of The Oxford College of Engineering, has completed the project work entitled "SINGLE INDUCTOR DUAL OUTPUT BUCK-BOOST POWER FACTOR CORRECTION CONVERTER" in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. 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 - 560 088.

Dr. R.V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560088

External Viva

Name of the Examiners:

1.....JAYA KUMAR. N

2...R. GUNASEKARI

Signature with date.
N. Jayakumar 27/6/17
R. Gunasekari 27/6/17

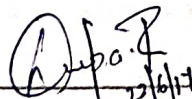
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bangalore-560068
(Affiliated to VTU and approved by AICTE)
Department of Electrical and Electronics Engineering

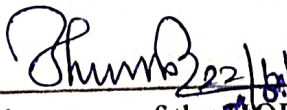


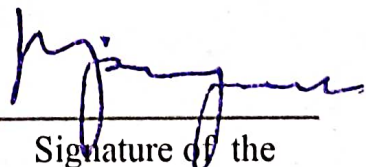
CERTIFICATE

This is to certify that the Project work entitled "HIGH VOLTAGE DC UPTO 2 KV FROM AC BY USING DIODE AND CAPACITORS IN VOLTAGE MULTIPLIER CIRCUIT" has been carried out by **SANDEEP KUMAR CHOUDHARY (10X13EE076), CHANDAN MANDAL (10X12EE014), SATISH KUMAR JHA(10X12EE066), SATYAJEET MAHATO (10X12EE067)** bonafide students of **The Oxford College of Engineering, Bangalore** in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year **2016-17**.

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 degree.


 Signature of
 Project Coordinator
Ms. DEEPA.R
 Asst. Professor
 Dept. of EEE, TOCE.



 Signature of the HOD, Dr. **BHARATH**
 Professor and HOD
 The Oxford College of Engineering,
 Bommanahalli, Hosur Road,
 BANGALORE, TOCE. The
 Bangalore - 560068.

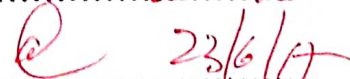

 Signature of the
 Principal, **Dr. R.V. PRAVEENA**
GOWDA
 The Oxford College of Engineering
 Bommanahalli, Hosur Road
 Bangalore - 560068

Name of the Examiners

1. ...**Dr. V.S. Pharam**.....
2. ...**Delite nuno - a**.....

Signature with Date

 23/6

 23/6/17

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



CERTIFICATE

This is to certify that the following students,

| | |
|---------------|------------|
| PAVITHRA DV | 10X11EE052 |
| POOJA GP | 10X13EE061 |
| SAHANA HP | 10X13EE075 |
| SHUBHADEVI BS | 10X13EE419 |

Bonafide students of The Oxford College of Engineering, has completed the project work entitled “GSM BASED TRANSFORMER PHASE DETECTION AND CIRCUIT BREAKING SYSTEM” in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. NAVATHA KUMAR

External Viva


Name of the Examiners:

1.....JAYAKUMAR.....

2.....R. GUNASEKARI.....

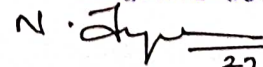

Signature of HOD

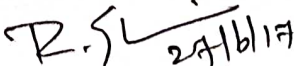
Professor & Head, Dept. of EEE
Dr. BHARATH V. S.
The Oxford College of Engineering
Bommanahalli, Hosur Road,
BANGALORE - 560 068.


Signature of Principal

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

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


N. Jayaram
27/6/17


R. S. L.
29/6/17

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore-560068
(Approved by VTU and sponsored by AICTE)

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

"DESIGN AND DEVELOPMENT OF AUTOMATED GEAR CHANGING SYSTEM USING PNEUMATIC CYLINDER"

Is a bonafide work carried out by

| | |
|----------------|------------|
| ANAL CHANDRA J | 10X13ME016 |
| CHINDHU PRASAD | 10X12ME022 |
| C JISHINI | 10X13ME031 |
| FRANKLIN JOSE | 10X13ME041 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

Prof. SHIVALINGA M.J
Asst. Professor, Dept. of ME

External Viva

Name of the Examiners

- 1.
- 2.

Dr. G.S. BASAVARAJ
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068

Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Professor
Oxford College of Engineering

Bommanahalli, Hosur Road
Bangalore-560068
Signature with date

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

“DESIGN AND FABRICATION OF HYDROPONIC FODDER MACHINE USING SOLAR PANEL”

Is a bonafide work carried out by

| | |
|---------------|------------|
| PAVAN KUMAR R | 10X12ME072 |
| SHREYAS B R | 10X12ME094 |
| GOWTHAM R | 10X11ME105 |
| R SATHYA | 10X12ME077 |

In partial fulfillment for the award of **degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi** during the year 2016-17. 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 Bachelor of Engineering degree.

SUHAV V
Asst. Professor,
Dept. of ME

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BANGALORE-560068
Dr. G.S. BHANU
Professor & HOD,
Dept. of ME

Dr. R.V. PRAVEEN GOWDA
Principal, TOCE
Dr. R.V. Praveen Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560068
Signature

External Viva

Name of the Examiners
with date

1. Dr. Kiran Bhat 28/6/17
2. Madhu Edur 28/6/17

THE OXFORD COLLEGE OF ENGINEERING

BOMMANHALLI, HOSUR ROAD, BANGALURU-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

The project work entitled "DESIGN AND FABRICATION OF WHEEL DRIVEN PESTICIDE SPRAYER" carried out by PRAKASH (IOX13ME084), PRASHANT B BHANAMASAGAR (IOX13ME085), VINODKUMAR (IOX13ME113), RANJITKUMAR (IOX13ME416) a confined students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM for the academic year 2016-2017. It is certified that all the corrections/suggestions indicated Assessment have been incorporated in the report deposited in the Department library. project report has been approved as it satisfies the academic requirement in respected project work prescribed for the said Degree.

Guide

Assist Prof. RAGHUK

prof & Head of the Department

Dr. G S BHATT

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

Principal

Dr. PRAVEENA GOWDA

Dr. R V Praveena Gowda

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

EXTERNAL VIVA

SL: NO

Name of examiner

Signature with Date

1) MADHU SUDANA RUDRIG

2) Dr. Kitan Bhat

28/12
legat not well
written

THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(AFFILIATED TO VTU, BELGAUM AND APPROVED BY AICTE)
Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "FABRICATION OF AUTOMATIC BIKE STAND" is an authentic record of the project work carried out by the students AASHVIN M ISSAC (10X13ME003), RAKESH G HIEMATH (10X13ME405), in partial fulfillment for award of Bachelor of Engineering in MECHANICAL ENGINEERING from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2016-2017. It is certified that all corrections and 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 requirement in respect of project work prescribed for the said degree.

PROF. PRADEEP PATIL

Guide

DR. G.S. BHATT

Professor & Head
Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

External Viva

DR. 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 Examiners

1. Dr. Rakesh Hiremath

2. Madhu Suresh Nayak

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the Project work entitled "DESIGN AND OPTIMISATION OF CONNECTING ROD USING C-70 STEEL AND CARBON FIBER EPOXY" is an authentic record of the project work carried out by the students HEMANTH KUMAR H B (10X14ME406), MADEVA (10X14ME409), ROHAN AHMED(10X14ME412), SHARANABASAVA (10X14ME414) in partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical Engineering from Visvesvaraya Technological University, Belagavi during the year 2016-17. It is certified that all corrections and 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 Bachelor of Engineering degree.

Rahul D
24/05/17

Mr. RAHUL D
Guide, Asst. Professor TOCE

Name of the Examiners:

G S Bhatt

DR. G S BHATT
Professor & HOD, Dept. of ME
Prof. & Head

Department - **External Viva**
The Oxford College of Engineering,
Bommanahalli, Bengaluru - 560 068

R V Prayurba Gowda

Dr. R V PRAYURBA GOWDA
Principal, TOCE
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
Bengaluru - 560 068
Signature with date

1. MADHU SUDANA REDDY, G

2. Dr. Kiran Bhatt

G S Bhatt

R V Prayurba Gowda

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the Project Report on
**"DESIGN AND FABRICATION OF SPEED BREAKERS FOR POWER
GENERATION AND AIR COMPRESSION ON ROADWAYS"**

Is a bonafied work carried out by

Mohammed Mosaib Rayhan Khan R (10X13ME068)

N Krishna Nanda (10X13ME073)

Vollin Kein Braganza (10X13ME116)

Yogesh Prasad R (10X13ME117)

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Vixvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

RANGUP
Assistant Professor, Dept. of ME
TOCE

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

Dr G SRINIVAS BHATT
Professor & HOD, Dept. of ME
TOCE

Dr. R.V. PRAVEEN GOWDA
The Director, TOCE
Bommanahalli, Hosur Road
Bengaluru - 560068

External Viva
Name of the Examiners

Signature with date

1. 24/06/17

2. 24/06/17

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



CERTIFICATE

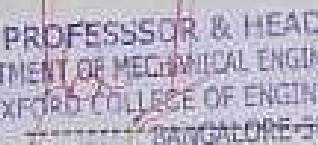
This is to certify that the Project Report on
"DESIGN AND FABRICATION OF SPEED BREAKERS FOR POWER
GENERATION AND AIR COMPRESSION ON ROADWAYS"


Is a bonafied work carried out by

Mohammed Mosaib Rayhan Khan R (IOX13ME068)
N Krishna Nanda (IOX13ME073)
Vollin Kein Braganza (IOX13ME116)
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In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.


RANGUL P
Assistant Professor, Dept. of ME
TOCE


PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSSUR ROAD, BANGALORE - 560068
Dr. G. SRINIVAS BHATT
Professor & HOD, Dept. of ME
TOCE


Dr. K. V. PRAVEEN GOWDA
Principal, TOCE
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560068
Signature with date

External Viva
Name of the Examiners

1.  04/06/17

2. 

THE OXFORD COLLEGE OF ENGINEERING

Bommanaballi, Hosur Road, Bengaluru-560098
(Affiliated to VIT and approved by AICTE)

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

"DESIGN AND FABRICATION OF HYDROPONIC FODDER MACHINE USING SOLAR PANEL"

Is a bonafide work carried out by

| | |
|---------------|------------|
| PAVAN KUMAR R | 10X12ME072 |
| SHREYAS R | 10X12ME094 |
| GOWTHAM R | 10X11ME105 |
| R SATHYA | 10X12ME077 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

SUHAV V
Asst. Professor,
Dept. of ME

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANABALLI, BANGALORE-560098

Dr. R.V. PRAVEENA GOWDA
Principal, TOCE

Dr. R.V. Praveena Gowda
Principal

The Oxford College of Engineering
Bommanaballi, Hosur Road
Bengaluru-560 098

External Viva

Name of the Examiners

with date

1. Dr. Kiran R. Reddy 28/6/17
2. Madhu S. Reddy 28/6/17

Department Of Mechanical
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Project work entitled "DESIGN AND FABRICATION OF AUTONOMOUS LAWN MOWER USING SOLAR ENERGY" carried out by SHASHIDHAR MP [10X12ME092], PRAVEEN KUMAR V K [10X13ME088], SUNDAR KANTH S J [10X14ME419], GIRIDHAR G [10X13ME044] a confide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment 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 Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for my Degree.

For Confirmed
Signature of Guide

Mr. MUDASSIR KHAN
Asst. Prof, Dept, of ME
TOCE

[Signature]
26/6/17

PR-Signature of HOD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
Dr. G.S. BHAT
Prof and HOD Dept. of ME,
TOCE

[Signature]
Signature of Principal

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

External Viva-Voice

Name of the Examiners

- *Dr. Kiran Bhat*
- *[Signature]*

Signature with Date

- *[Signature]* 26/6/17
- *[Signature]* 26/6/17

THE OXFORD COLLEGE OF ENGINEERING

Hesar Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND FABRICATION OF PORTABLE PNEUMATIC CAR CHASSIS WASHING MACHINE" has been carried out by UMAIR NAZEER (IOX12ME107) VIKASH KUMAR SONI (IOX12ME112), BALAJI E (IOX13ME029) BASAVARAJ ARAKERI (IOX14ME402), in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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.

Mr. Ashok Kumar R T Dr. G.S. Bhatt Dr. Praveena Gowda
Internal Guide PROFESSOR & HEAD

Internal Guide

(Signature)
24/6/17

Name of Examiners

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068

Dr. R V Praveena Gowda
Principal

The Oxford College of Engineering
Bommanahalli, Hesar Road

Signature with Date Bangalore-560 068

(Signature)
20/6/17

1. Prasad H Nayak
2. Anirban Kundu

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

"DESIGN AND DEVELOPMENT OF WINDMILL FOR POWER GENERATION USING PERMANENT MAGNETS"

Is a bonafied work carried out by

JOEL K MATHAI

10X13ME054

SUBIN JOHN BABU

10X13ME104

MITHUN M NAIR

10X13ME067

ABDURAHMAN K

10X13ME005

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

Wassu
23/6/14

Prof MARUTHI KUMAR LR
Asst. Professor, Dept. of ME

Dr. R. V. Praveen Gowda
23/6/14
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMASAHALLI, HOSSUR ROAD, DEPT. OF ME
BENGLURU-560068

Dr. R. V. Praveen Gowda
Principal
The Oxford College of Engineering
Bommasahalli, Hosur Road
Bengaluru
Signature with date

External Viva

Name of the Examiners

1. Prasad H. Nayak
2. H. J. Jayaram
28/6/14

28/6/14

THE OXFORD COLLEGE OF ENGINEERING

BOMMANHALLI, HOSUR ROAD, BENGALURU-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

The project work entitled "DESIGN AND DEVELOPMENT OF ELECTRO-MAGNETIC BRAKING SYSTEM" carried out by G DEVARAJ (10X13ME042), GIRISH NAIK LC(10X13ME045), DHANRAJ K V(10X13ME037) a confined students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM for the academic year 2016-2017. It is certified that all the corrections/suggestions indicated Assessment have been incorporated in the report deposited in the Department library. project report has been approved as it satisfies the academic requirement in respected project work prescribed for the said Degree.

Guide

Prof. FIROZ KHAN

for 22/6/17
PROFESSOR & HEAD

of the Department of Mechanical Engineering
THE OXFORD COLLEGE OF ENGINEERING
BOMMANHALLI, HOSUR ROAD - 560068

Principal

Dr. RAJEEV GOWDA
Principal

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

EXTERNAL VIVA

SL NO

Name of examiner

Signature with Date

1] Prasad. H Nayale

22/6/17

2] 22/6/17

THE OXFORD COLLEGE OF ENGINEERING


HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(AFFILIATED TO VTU, BELGAUM AND APPROVED BY AICTE)

Department of Mechanical Engineering

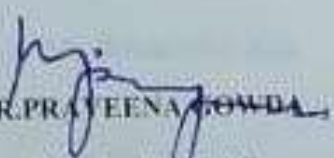


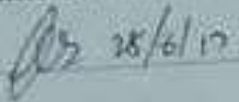

CERTIFICATE

This is to certify that the project work entitled "FABRICATION OF AUTOMATIC BIKE STAND" is an authentic record of the project work carried out by the students AASHVIN M ISSAC (10X13ME003), RAKESH G HIEMATH (10X13ME405), in partial fulfillment for award of Bachelor of Engineering in MECHANICAL ENGINEERING from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2016-2017. It is certified that all corrections and 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 requirement in respect of project work prescribed for the said degree.


PROF. PRADEEP PATIL
Guide


DR.G.S. BHATT
Prof. & Head
Department of Mechanical Engineering,
The Oxford College of Engineering,
Bommanahalli, Bangalore - 560 068
External Viva


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

Name of Examiners
1.  28/6/17
2. 

Signature with Date



THE OXFORD COLLEGE OF ENGINEERING

BOMMANHALI, HOSUR ROAD, BENGALURU-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

The project work entitled "DESIGN AND DEVELOPMENT OF ELECTRO-MAGNETIC BRAKING SYSTEM" carried out by G. DEVARAJ (10X13ME042), GIRISH NAIK LC (10X13ME045), DHANRAJ K V (10X13ME037) a confined students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM for the academic year 2016-2017. It is certified that all the corrections-suggestions indicated Assessment have been incorporated in the report deposited in the Department library. project report has been approved as it satisfies the academic requirement in respected project work prescribed for the said Degree.

Guide
Prof. FROZ KHAN

Prof. Froz Khan
29/6/17
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANHALI, BANGALORE-560068

Dr. H. N. Venkatesh Gowda
Principal
Dr. H. N. VENKATESH GOWDA
Principal

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

EXTERNAL VIVA

SL.NO

Name of examiner

Signature with Date

1) Prasad H. Nayak

Prasad H. Nayak
18/6/17

2) H. N. Venkatesh Gowda

H. N. Venkatesh Gowda
02/06/17

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

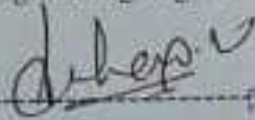
This is to certify that the Project Report

"DESIGN AND FABRICATION OF HYDROPONIC FODDER MACHINE USING SOLAR PANEL"

Is a bonafide work carried out by

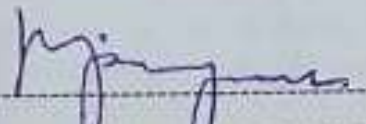
| | |
|----------------------|-------------------|
| PAVAN KUMAR R | 10X12ME072 |
| SHREYAS B R | 10X12ME094 |
| GOWTHAM R | 10X11ME105 |
| R SATHYA | 10X12ME077 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.



SUHAS V
Asst. Professor,
Dept. of ME

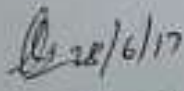
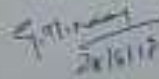

PROFESSOR & HOD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD - 560068
Dr. R.V. Praveena Gowda
Professor & HOD,
Dept. of ME



Dr. R.V. PRAVEENA GOWDA
Principal, TOCE
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560068
Signature

External Viva

Name of the Examiners
with date

1. Dr. Kiran Bhat  28/6/17
2. Medha Sathya  28/6/17

THE OXFORD COLLEGE OF ENGINEERING

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(AFFILIATED TO VTU, BELGAUM AND APPROVED BY AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "FABRICATION OF AUTOMATIC BIKE STAND" is an authentic record of the project work carried out by the students AASHVIN M ISSAC (10X13ME003), RAKESH G HIREMATH (10X13ME405), in partial fulfillment for award of Bachelor of Engineering in MECHANICAL ENGINEERING from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2016-2017. It is certified that all corrections and 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 requirement in respect of project work prescribed for the said degree.

PROF. PRADEEP PATIL

Guide

DR. G.S. BHATT

Prof. & Head

Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore - 560 068

External Viva

DR. 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 Examiners

1. Dr. Kiron Bhatt

2. Hooshil Suresh R. N. S.

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND FABRICATION OF SOLAR BASED AGRI ROBOT" has been carried out by AMIT KULKARNI (10X14ME400), BHARATH S (10X14ME403), SUMAN S (10X14ME418), VILAS S H (10X14ME422) in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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.

Mr. ANUP M UPADHYAYA

Internal guide



Dr. G SRINIVAS BHATT

Professor & Head

PROFESSOR & HEAD

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

External viva

Dr. Praveen 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.

Prasad H. Nayak

2.

[Signature]
28/06/17

[Signature]
28/06/17

Department Of Mechanical
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Project work entitled DESIGN AND FABRICATION OF AUTONOMOUS LAWN MOWER USING SOLAR ENERGY carried out by SHASHIDHAR MP [10X12ME092], PRAVEEN KUMAR V K [10X13ME088], SUNDAR KANTH S J [10X14ME419], GIRIDHAR G [10X13ME044] a confide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment 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 Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for my Degree.

For
Signature
Signature of Guide
Mr. MUDASSIR KHAN
Asst. Prof. Dept. of ME
TOCE

Signature
24/6/17
Signature of HOD

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

PROFESSOR HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

External Viva-Voice
Name of the Examiners
• *Dr. Kiran Bhat*
• *Neelima Sushen Soudi*

Signature with Date
Signature *28/6/17*
Signature

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hoysur Road, Bengaluru-560068
(Autonomous VIT) and approved by AICTE

Department of Mechanical Engineering



Certificate


This is to certify that the Project Report

"DESIGN AND DEVELOPMENT OF AUTOMATED GEAR CHANGING SYSTEM USING PNEUMATIC CYLINDER"



Is a bonafied work carried out by


| | |
|-----------------------|-------------------|
| <i>AMAL CHANDRA J</i> | <i>10X13ME016</i> |
| <i>CHINDHU PRASAD</i> | <i>10X13ME022</i> |
| <i>C JISHNU</i> | <i>10X13ME031</i> |
| <i>FRANKLIN JOSE</i> | <i>10X13ME041</i> |


In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.


Prof. SHIVALINGA M.J
Asst. Professor, Dept. of ME

External Viva
Name of the Examiners

1. 
2. 


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


Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hoysur Road
Bengaluru-560068
Signature with date

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate


This is to certify that the Project Report


"DESIGN AND FABRICATION OF PNEUMATIC THREE AXIS DIMENSIONAL PROTOTYPE TROLLEY"


Is a bonafied work carried out by

| | |
|--------------------|------------|
| S.M USMAN | 10X13ME108 |
| MOHAMMED ISRAR.S | 10X13ME069 |
| MOHAMMED TANZEEM | 10X13ME070 |
| AJEET KUMAR SHUKLA | 10X12ME005 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.


Mr. SHIVA SHESHADRI
Asst. Professor, Dept. of ME


Dr. G S BHATT
Professor & HOD, Dept. of ME
Prof. & Head


Dr. R.V PRAVEEN GOWDA
Principal, TOCE
Dr. R.V Praveen Gowda


Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore-560 068

External Viva

Name of the Examiners

1. Dr. Kiran Bhatt
2. MADHU SUDHAR RAO

Signature with date


20/6/17
Kiran Bhatt

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


Department of Mechanical Engineering




CERTIFICATE

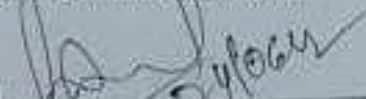
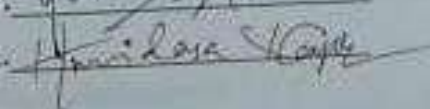
Certified that the project entitled "IMPLEMENTATION OF SPEED BREAKERS NEAR RAILWAY TRACKS FOR POWER GENERATION WITH LIGHT AND GATE CONTROL" carried out by SUMIT CHOUDHARY (IOX13ME105), SHAKEEB ULLA BAIG (IOX13ME095), RIHAD PALLIMANATHATHIL (IOX13ME091), JENIL JACOB (IOX11ME031), bonafied students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2016-17. 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. SATISH D.G.
Project Guide


Dr. G. Srinivas
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068
External Viva


Dr. R.V. Praveena Gowda
Principal, TOCE

Name of the Examiners

- 
- 


The Oxford College of Engineering
Bommanahalli, Bangalore-560068
Signature with Date



THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND FABRICATION OF PORTABLE PNEUMATIC CAR CHASSIS WASHING MACHINE" has been carried out by UMAIR NAZEER (IOX12ME107) VIKASH KUMAR SONI (IOX12ME112), BALAJI E (IOX13ME029) BASAVARAJ ARAKERI (IOX14ME402), in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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.

Mr. Ashok Kumar R T

Dr. G.S. Bhatt

Dr. Praveena Gowda

Internal Guide

PROFESSOR & HEAD

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

A. Ashok
24/6/17
Name of Examiners

Signature with Date

Dr. Praveena Gowda
20/6/17

1. Prasad H. Nayak
2. *Prasad H. Nayak*

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

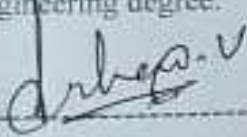
This is to certify that the Project Report

"DESIGN AND FABRICATION OF HYDROPONIC FODDER MACHINE USING SOLAR PANEL"

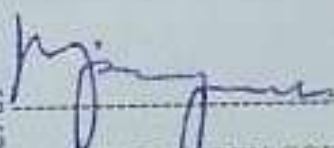
Is a bonafide work carried out by

| | |
|---------------|------------|
| PAVAN KUMAR R | 10X12ME072 |
| SHREYAS B R | 10X12ME094 |
| GOWTHAM R | 10X11ME105 |
| R SATHYA | 10X12ME077 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.


SUHAS V
Asst. Professor,
Dept. of ME


PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BANGALORE-560068
Dr. G. S. BHANDARI
Professor & HOD,
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 - 560068

External Viva

Name of the Examiners
with date

1. Dr. Kisen Bhat 28/6/17
2. Madhu Saha 29/6/17

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE 560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certify that the project report entitled "DESIGN AND DEVELOPMENT OF PLASTIC RECYCLING MACHINE" carried out by KARETHA JIGNESH (IOX08ME020), PRASAD DAVBHAT (IOX09ME022), SIDDHARTH MITRA (IOX10ME083), SIDHARTH R KRISHINA (IOX11ME089), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the academic year 2016-2017.

It is certified that all correction/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 Bachelor of Engineering degree.

[Handwritten signatures and dates]

Mr. ASHOK KUMAR T
Project Guide

[Handwritten signature]
28/6/17

Dr. G SRINIVAS BHATT
H.O.D

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

EXTERNAL VIVA

Dr. R.V. PRAVEENA GOWDA
Principal, TOCE

THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road,
Bengaluru-560 068

Name of Examiners

1. Prasad H Nayak
2. Amritha Vignesh
08/06/17

Signature with Date:

1. *[Handwritten signature]* 28/6/17
2. _____

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE 560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certify that the project report entitled "DESIGN AND DEVELOPMENT OF PLASTIC RECYCLING MACHINE" carried out by KARETHA JIGNESH (10X08ME020), PRASAD DAVBHAT (10X09ME022), SIDDHARTH MITRA (10X10ME083), SIDHARTH R KRISHNA (10X11ME089), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the academic year 2016-2017.

It is certified that all correction/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 Bachelor of Engineering degree.

Doc
AS 28/6/17 *Kj*

Mr. ASHOK KUMAR T
Project Guide

AS
28/6/17

Name of Examiners

1. Prasad H Nayale
2. Himadri K Gupta
28/6/17

Dr. G. SRINIVAS BHATT
H.O.D.

DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE 560 068

Dr. R.V. PRAVEENA GOWDA
Principal, TOCE

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

Signature with Date:

1. *AS* 28/6/17
2. _____

Department Of Mechanical
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Project work entitled DESIGN AND FABRICATION OF AUTONOMOUS LAWN MOWER USING SOLAR ENERGY carried out by SHASHIDHAR MP [10XI2ME092], PRAVEEN KUMAR V K [10XI3ME088], SUNDAR KANTH S J [10XI4ME419], GIRIDHAR G [10XI3ME044] a confide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment 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 Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for my Degree.

Mr. Mudassar Khan
Signature of Guide

Mr. MUDASSIR KHAN
Asst Prof, Dept. of ME
TOCE

Dr. R.V. Praveena Gowda
Signature of HOD

Dr. R.V. PRAVEENA GOWDA
Signature of HOD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068

TOCE

Dr. R.V. Praveena Gowda
Signature of Principal

Dr. R.V. PRAVEENA GOWDA

The Principal
Dr. R.V. Praveena Gowda

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

External Viva-Voice

Name of the Examiners

- *Dr. Kanan Bhat*
- *Dr. Shashidhar Srinivasan*

Signature with Date

Dr. Kanan Bhat
Dr. Shashidhar Srinivasan

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND FABRICATION OF SOLAR BASED AGRI ROBOT" has been carried out by AMIT KULKARNI (10X14ME400), BHARATH S (10X14ME403), SUMAN S (10X14ME418), VILAS S H (10X14ME422) in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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

Mr. ANUP M UPADHYAYA

Internal guide

Name of the Examiners

1. Prasad. H. Nayak

2. Haridra Kumar

Dr. G SRINIVAS BHATT

Professor & Head

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

Dr. Praveen Gowda

Principal, TOCE

Dr. R.V Praveen Gowda
Principal

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

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bangalore-560008
(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

**"DESIGN AND DEVELOPMENT OF VEHICLE EXHAUST SYSTEM FOR
POWER GENERATION"**

Is a bonafied work carried out by

| | |
|--------------|------------|
| SIDRAM | 10X13ME101 |
| SURESH KUMAR | 10X13ME106 |
| RAVI KUMAR | 10X13ME118 |
| JEETAPPA | 10X14ME407 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Virvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

[Signature]
25/6/17

Mr. PRASAD H NAYAK
Asst. Professor, Dept. of ME

External Viva

Name of the Examiners

1. Prasad H. Nayak
2. *[Signature]*
25/6/17

[Signature]
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSSUR ROAD, BANGALORE
Dr. G. S. BHATT
Professor & HOD, Dept. of ME

[Signature]
Dr. R. V. BRAJEEYA GOUDA
Principal, OCE

The Oxford College of Engineering
Bommanahalli, Hosur Road
Date: *[Signature]* with date

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the Project work entitled "DESIGN AND FABRICATION OF PNEUMATIC PUMPING UNIT USING GEAR MECHANISM FOR POWER GENERATION" is an authentic record of the project work carried out by the students MUTHU SELVAN D (IOX13ME071), NAGENDRA B S (IOX13ME074), VINAY A R (IOX13ME111), VISHAL KHANNA V (IOX13ME114) in partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical Engineering from Visvesvaraya Technological University, Belagavi during the year 2016-17. It is certified that all corrections and 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 Bachelor of Engineering degree.

Me. VIDYADHAR PUJAR
Guide, Asst. Professor TOCE

Prof. & Head

Department of Mechanical Engineering
Dr. G. S. BHATT
Professor & HOD, Dept. of ME
Bommanahalli, Bengaluru 560 068

Dr. R. PRAVEENA GOWDA
Principal, TOCE

External Viva

Name of the Examiners

1. Prasad H. Nayale

2. Harish Chandra Nayale
28/6/17

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

THE OXFORD COLLEGE OF ENGINEERING
HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(AFFILIATED TO VTU, BELGAUM AND APPROVED BY AICTE)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project work entitled "FABRICATION OF APP CONTROLLED HYDRAULIC JACK USING BLUETOOTH" is an authentic record of the project work carried out by the students AMIT SUTRADHAR (10X13ME019), NARAYAN GUDI (10X14ME410), SOORAJ J S (10X13ME119), VISHNUDEV S M (10X13ME120) in partial fulfillment for award of Bachelor of Engineering in MECHANICAL ENGINEERING from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2016-2017. It is certified that all corrections and 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 requirement in respect of project work prescribed for the said degree.

PROF. FIROZ KHAN

Guide

DR. G.S. BHATT

Professor & Head

Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore-560068
External Viva

DR. PRAVEENA GOWDA

Principal, VIOCB

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

Name of Examiners

1. Prasad H. Nayale

2. Hanuman V. Gowda
22/06/17

Signature with Date

[Signature] 22/6/17

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

Department of Mechanical Engineering



CERTIFICATE

Certified that the project entitled "IMPLEMENTATION OF SPEED BREAKERS NEAR RAILWAY TRACKS FOR POWER GENERATION WITH LIGHT AND GATE CONTROL" carried out by SUMIT CHOUDHARY (10X13ME105), SHAKEEB ULLA BAIG (10X13ME095), RIHAD PALLIMANATHATTIL (10X13ME091), JENIL JACOB (10X11ME031), bonafied students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belagavi during the year 2016-17. 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.

Satish D.G.
Mr. SATISH D.G.
Project Guide

Dr. G. Srinivas Bharti
Dr. G. Srinivas Bharti
PROFESSOR & HEAD
HOD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BANGALORE-560068
External Viva

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

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

Name of the Examiners

1. *Dr. Jenil Jacob*
2. *Haridas Rajesh*

Haridas Rajesh

Department Of Mechanical

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068


DEPARTMENT OF MECHANICAL ENGINEERING





CERTIFICATE

Certified that the Project work entitled DESIGN AND FABRICATION OF AUTONOMOUS LAWN MOWER USING SOLAR ENERGY carried out by SHASHIDHAR MP [10X12ME092], PRAVEEN KUMAR V. K [10X13ME088], SUNDAR KANTH S J [10X14ME419], GIRIDHAR G [10X13ME044] a confide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment 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 Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for my Degree.


Signature of Guide
Mr. MUDASSIR KHAN
Asst Prof. Dept. of ME
TOCE


Signature of HOD
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
Prof and HOD Dept. of ME
BOMMANAHALLI, BANGALORE-560068
TOCE


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

External Viva-Voice

Name of the Examiners

- Dr. Kiran Bat
- Dr. S. S. S. S.

Signature with Date

..... 20/6/17

.....

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

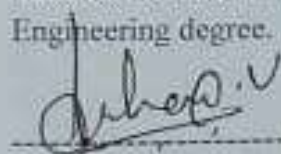
This is to certify that the Project Report

**“DESIGN AND FABRICATION OF HYDROPONIC FODDER MACHINE
USING SOLAR PANEL”**

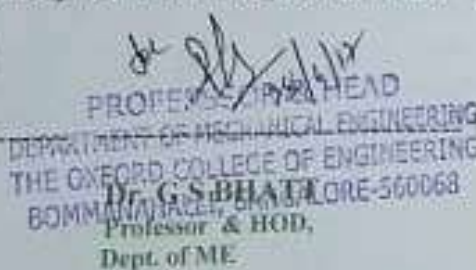
Is a bonafide work carried out by

| | |
|---------------|------------|
| PAVAN KUMAR R | 10X12ME072 |
| SHREYAS B R | 10X12ME094 |
| GOWTHAM R | 10X11ME105 |
| R SATHYA | 10X12ME077 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.



SUHAS V
Asst. Professor,
Dept. of ME


PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD-560068
Dr. G. S. BHAT
Professor & HOD,
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 - 560068

External Viva

Name of the Examiners
with date

1. Dr. Kishan Bhat 28/6/17
2. Manohar Sridhar 28/6/17

Department Of Mechanical
THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI HOSUR ROAD, BENGALURU-560 068

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Project work entitled DESIGN AND FABRICATION OF AUTONOMOUS LAWN MOWER USING SOLAR ENERGY carried out by SHASHIDHAR MP [10X12ME092], PRAVEEN KUMAR V K [10X13ME088], SUNDAR KANTH S J [10X14ME419], GIRIDHAR G [10X13ME044] a confide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment 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 Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for my Degree.

For *Caroline Dk*
Signature of Guide
Mr. MUDASSIR KHAN
Asst Prof, Dept, of ME
TOCE

for *Dr. G.S. Bhat*
Signature of HOBEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI HOSUR ROAD, BENGALURU-560068
TOCE

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

External Viva-Voice

Name of the Examiners

- *Dr. Kiran Bhat*
- *Madhu S. S. S. S. S.*

Signature with Date

for *Dr. Kiran Bhat*
for *Madhu S. S. S. S. S.*

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Mechanical Engineering



Certificate

This is to certify that the Project Report

“DESIGN AND DEVELOPMENT OF WINDMILL FOR POWER GENERATION USING PERMANENT MAGNETS”

Is a bonafied work carried out by

| | |
|------------------------|-------------------|
| JOEL K MATHAI | 10X13ME054 |
| SUBIN JOHN BABU | 10X13ME104 |
| MITHUN M NAIR | 10X13ME067 |
| ABDURAHMAN K | 10X13ME005 |

In partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

Maruthi Kumar I.R.
22/10/17

Prof MARUTHI KUMAR I.R
Asst. Professor, Dept. of ME

D.P.G. S. BHATT
27/6/17

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

D.P. Praveena Gowda

D.P. PRAVEENA GOWDA
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Signature with date

D.P. Praveena Gowda 10/10/17

External Viva
Name of the Examiners

1. Prasad. H. Nayak
2. *[Signature]*

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560068
(Affiliated to VTU, Approved by AICTE, NEW DELHI)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the Project Report

“DESIGN AND STRUCTURAL OPTIMIZATION OF A CAR CHASSIS UNDER STATIC LOADING CONDITIONS”

Is a bonafied work carried out by

| | |
|-----------------------|------------|
| NANDAN KUMAR T D | IOX13ME076 |
| PRASHANTH SAI KIRAN P | IOX13ME086 |
| SHIVA KUMAR V | IOX13ME098 |
| VIKRAM K | IOX13ME110 |

In-partial fulfillment for the award of degree of Bachelor of Engineering in Mechanical of the Visvesvaraya Technological University, Belagavi during the year 2016-17. 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 Bachelor of Engineering degree.

Mr. Ravi Prakash M
24/06/17

Mr. RAVI PRAKASH M
Asst. Professor, Dept. of ME

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSSUR ROAD, BANGALURU-560068
Prof. R. V. Praveena Gowda, HOD, Dept. of ME

Dr. R. V. Praveena Gowda

Dr. R. V. PRAVEENA GOWDA
Principal

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

Signature with date

External Visit

Name of the Examiners

1. *Mr. Ravi Prakash M*
24/06/17
2. *Mr. Ravi Prakash M*
24/06/17

THE OXFORD COLLEGE OF ENGINEERING

BOMMANHALLI, HOSUR ROAD, BENGALURU-560068

(Affiliated to VTU and approved by AICTE)

Department of Mechanical Engineering



CERTIFICATE

The project work entitled "DESIGN AND FABRICATION OF WHEEL DRIVEN PESTICIDE SPRAYER" carried out by PRAKASH (IOX13ME084), PRASHANT B BHANAMASAGAR (IOX13ME085), VINODKUMAR (IOX13ME113), RANJITKUMAR (IOX13ME416) a confined students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM for the academic year 2016-2017. It is certified that all the corrections/suggestions indicated Assesment have been incorporated in the report deposited in the Department library. project report has been approved as it satisfies the academic requirement in respected project work prescribed for the said Degree.

Guide
Assist. Prof. RAGHU.K

prof. & Head of the Department

Dr. G. S. BHATT

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMMANHALLI, BANGALORE-5

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

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

EXTERNAL VIVA

SL.NO

Name of examiner

Signature with Date

1)

THADU SUDHA RAOY G.

2)

Dr. Kiran Bhatt

28/6/17
Report not well
written

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum)

BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “**DESIGNING OF ENZYME BASED BIOSENSOR FOR THE DETECTION OF HEAVY METAL IONS IN DRINKING WATER**” carried out by **AFNA SAFIA (10X13BT002)**, bonafide student of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **Bachelor of Engineering in BIOTECHNOLOGY** of the **Visveswaraya Technological University, Belgaum**, during the year 2016-17. 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. Valarmathy
Signature of the Guide

Dr. Kusum Paul
Signature of the HOD

Dr. Kusum Paul
Prof. & Head

Dr. R. Praveena Gowda
Signature of the Principal

Dr. R V Praveena Gowda
Principal

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

External Viva

Name of the examiners

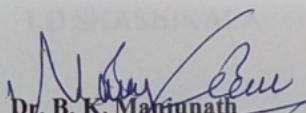
1. **Dr. Seeroja N. Rao**
2. **Dr. Kusum Paul**

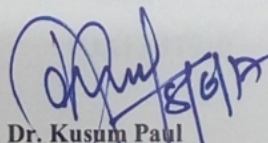
THE OXFORD COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belagavi)
BOMMANAHALLI, BANGALORE – 560068
DEPARTMENT OF BIOTECHNOLOGY

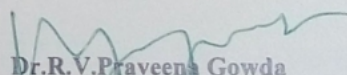


CERTIFICATE

Certified that the project work entitled **“Isolation, Characterization and Partial purification of Bioactive compound from Actinomycetes Species, isolated from Western Ghats, Karnataka, India “** carried out by **D SHASHIKALA USN 10X13BT010**, bonafide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **Bachelor of Engineering in BIOTECHNOLOGY** of the **Visveswaraya Technological University, Belgaum** during the year 2016-17. It is certified that all corrections/suggestions indicated during Internal assessment have been incorporated in the report and 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. B. K. Marjunath
Project Guide
Dept. of BT


Dr. Kusum Paul
HOD
Dept. of BT

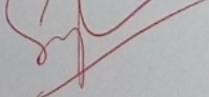
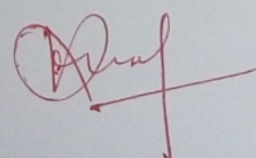

Dr. R.V. Praveena Gowda
Principal
TOCE

Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
Bangalore - 560 068.

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

External Viva

Name of the examiners

1. **Dr. Saroja N. Rao** 
2. **Dr. Kusum Paul** 

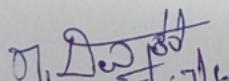
Signature with date

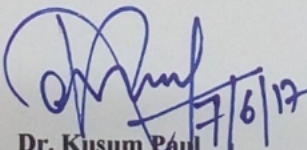
THE OXFORD COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belagavi)
Bommanahalli, Bengaluru - 560068
DEPARTMENT OF BIOTECHNOLOGY

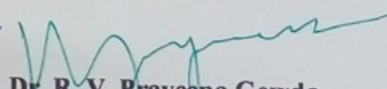


CERTIFICATE

Certified that the project work entitled "*Designing of a cost effective, reliable, user-friendly and portable biogas plant for the production of biogas from biodegradable waste*" carried out by Ms. **VARUNI. M. ANKOLEKAR** USN **10X13BT036** 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 2016-17. 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

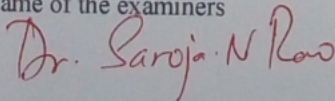
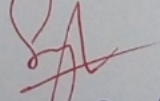
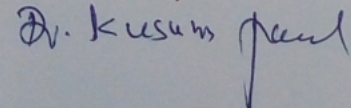
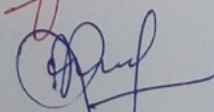

Dr. Kusum Paul
Signature of the HOD


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

Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
Bangalore - 560 068.

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.  

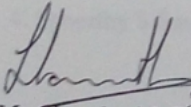
Signature with date

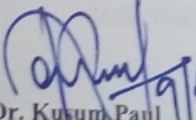
THE OXFORD COLLEGE OF ENGINEERING
(Affiliated to Visvesvaraya Technological University, Belagavi)
Bommanahalli, Bangalore - 560068
DEPARTMENT OF BIOTECHNOLOGY

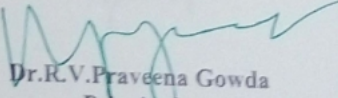


CERTIFICATE

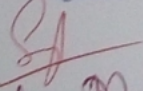
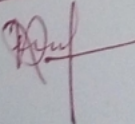
Certified that the project work entitled "*Design and Analysis of Hollow Fiber Based Microfluidic System for Haemodialysis*" carried out by ARPITHA B (10X13BT007), DIVYASHREE S (10X13BT013), MONISHA M (10X13BT020) and SPOORTHY S SUNDAR (10X13BT029), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visveswaraya Technological University, Belagavi during the year 2016-17. It is certified that all corrections/suggestions indicated for Internal and External 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. Shambu M G 9/6/17
Asst. Professor
Dept of BT, TOCE


Dr. Kusum Paul
Prof and Head
Dept of BT, TOCE
Dr. Kusum Paul
Prof. & Head


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

External Viva
Name of the examiners

1. Dr. Saroja N. Rao 
2. Dr. Kusum Paul 

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

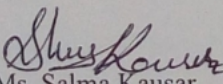
BOMMANAHALLI, BANGALORE – 560068

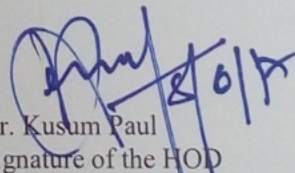
DEPARTMENT OF BIOTECHNOLOGY

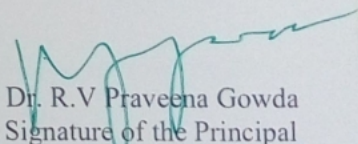


CERTIFICATE

Certified that the project work entitled “Study of the Quorum sensing inhibitors derived from plant source *Syzygium aromaticum* for increased susceptibility of *Staphylococcus aureus* and *Staphylococcus epidermidis* biofilm” was carried out by Ms. Kavya L B (USN 10X13BT015), bonafide student of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of degree of Bachelor of Engineering in BIOTECHNOLOGY of the Visveswaraya Technological University, Belagavi during the year 2016-17. 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. Salma Kausar
Signature of the Guide

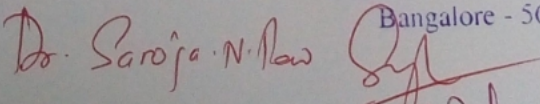
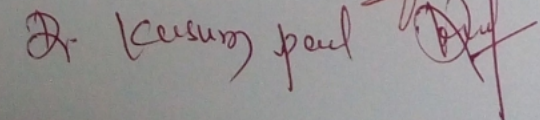

Dr. Kusum Paul
Signature of the HOD


Dr. R.V Praveena Gowda
Signature of the Principal

Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
Bangalore - 560 068.

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

External Viva
Name of the examiners

1.  Dr. Saroja N. Rao
2.  Dr. Kusum Paul

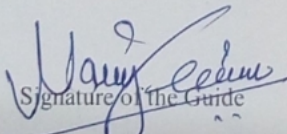
BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



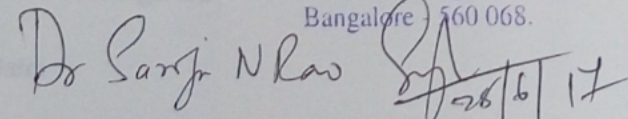
CERTIFICATE

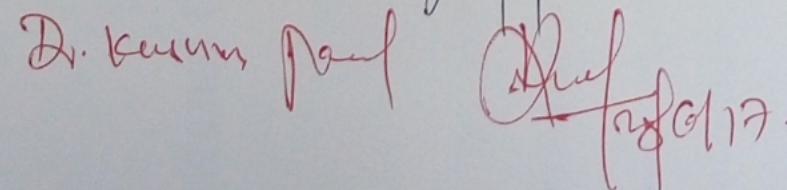
Certified that the project work entitled **“Studies on Anti-cancer potency of *Pterocarpus santalinus* and *Simarouba glauca*”** carried out by Ms. DEVI ARPITHA M (USN: 10X13BT011), a bonafide student of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of **Bachelor of Engineering in BIOTECHNOLOGY** of the **Visveshwaraya Technological University, Belagavi** during the year 2016-17. 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.

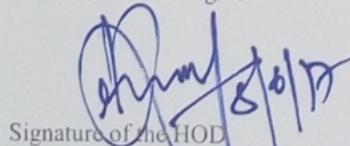

Signature of the Guide

External Viva

Name of the examiners

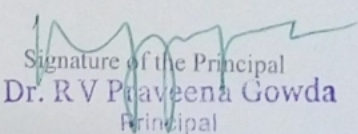
1.  26/6/17

2.  28/6/17.


Signature of the HOD

Dr. Kusum Paul
Prof. & Head

Department of Biotechnology
The Oxford College of Engg.
Bangalore - 560 068.


Signature of the Principal
Dr. R V Praveena Gowda
Principal

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

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi)

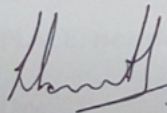
Bommanahalli, Bengaluru – 560068

DEPARTMENT OF BIOTECHNOLOGY



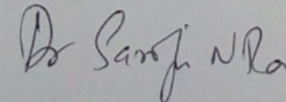
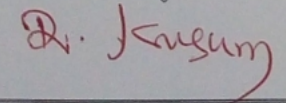
CERTIFICATE

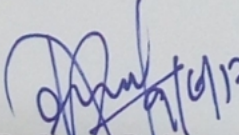
Certified that the project work entitled *“Evaluation of anti-inflammatory and anticancer activity of natural compounds(Western Ghats,Karnataka) and their QSAR modelling , ADMET property analysis through insilico approach”* carried out by Ms SHILPA.S (10X12BT024), KUSUMA.V (10X13BT016) & SATISH KUMAR.A (10X13BT024) 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, Belagavi** during the year 2016-17. 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. Shambu M.G
Assistant Professor
Dept of Biotechnology

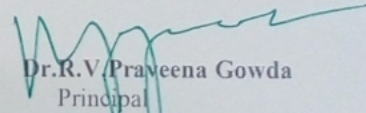
External Viva

Name of the examiners

1.  26/6/17
2. 


Dr. Kusum Paul
Head of the Dept
Dept of Biotechnology

Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
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

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum)

BOMMANAHALLI, BANGALORE – 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled “**Screening of novel phytochemical, cytotoxic, anti-angiogenic compounds effective against majority types of cancer**” carried out by Ms. Praveena.D (USN: 10X13BT021) & Sarwath Fathima (USN: 10X13BT023) 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 2016-17. 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.

Tanusree Bhattacharya

Mrs. Tanusree Bhattacharya

Signature of the Guide

External Viva

Name of the examiners

1

2

Dr. Kusum Paul

Signature of the HOD

Dr. Kusum Paul

Prof. & Head

Department of Biotechnology

The Oxford College of Engg.

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

Signature with date

Dr. Sanjiv Naras

Dr. Kusum Paul

28/6/17

28/6

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 plant lectins and *In vitro* study of their biological activity**” was carried out by Raghavi G (10X13BT022), Rajalakshmi V (10X14BT400), Vasudha T K (10X13BT037), 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, Belgaum** during the year 2016-17. 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.

TK Suma
8/6/17
Dr. Suma T.K
Signature of the Guide

Dr. Kusum Paul
8/6/17
Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
Ba. 560068.

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 the examiners

1. *Dr. Saroj N Das*
8/6/17
2. *Dr. Kusum Paul*
8/6/17

Signature with date

THE OXFORD COLLEGE OF ENGINEERING

(Affiliated to Visveswaraya Technological University, Belagavi)

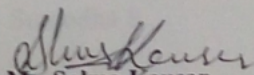
Bommanahalli, Bengaluru - 560068

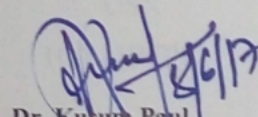
DEPARTMENT OF BIOTECHNOLOGY

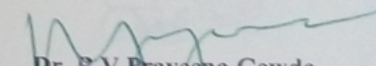


CERTIFICATE

Certified that the project work entitled "Decontamination of Hydrocarbon contaminated soil using Bioremediation techniques" carried out by Ms. SUMEDHA S, USN 10X13BT032, 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, Belagavi during the year 2016-17. 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. Salma Kausar
Signature of the Guide


Dr. Kusum Paul
Signature of the HOD


Dr. R.V Praveena Gowda
Signature of the Principal

External Viva
Name of the examiners

1. Dr. Sarojan Rao

2. Dr. Kusum Paul

Dr. Kusum Paul
Prof. & Head
Department of Biotechnology
The Oxford College of Engg.
Bangalore - 560 068.

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

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

Department of Civil Engineering



CERTIFICATE


Certified that the project work entitled "TRAFFIC AND TRANSPORTATION PLANNING FOR OUTER RING ROAD " which is carried out by **AYSHA AHMED** (10X13CV027), **CHEZHAN PRASAD** (10X13CV057), **CHHEWANG** (10X14CV403) a confide 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 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 our Degree.


GUIDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE

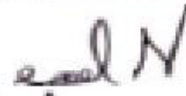


PRINCIPAL
Dr. R V PRAVEENA GOWDA
TOCE, BANGALORE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Name of the Examiners

Examiner 1.

Examiner 2.

Signature with Date

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



Department of Civil Engineering



CERTIFICATE


Certified that the project work entitled **STUDY ON FLEXURAL BEHAVIOUR OF REINFORCED GEOPOLYMER CONCRETE BEAMS**" carried out by **PRASHANT SUBBA (10X13CV027)**, **ABDUL SAMI (10X13CV053)**, **PRASANNA KUMAR (10X13CV057)**, **PRAVEEN M V (10X14CV403)** a confide 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 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 our Degree.


GUDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE




PRINCIPAL
Dr. R V PRAVEENA GOWDA
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Principal
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Bengaluru-560 068

Name of the Examiners

Examiner 1.

Examiner 2.

Signature with Date

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

Department of Civil Engineering



CERTIFICATE

Certified that the project work entitled "**WATER QUANTITY ANALYSIS OF BELLANDUR LAKE AND REMOVAL OF PHOSPHATES USING LOW COST ADSORBENT**",

carried out by **RANJITHA (10X13CV053), ABDULA SHOEB (10X13CV057), ABHINIT KUMAR (10X14CV403)** a confide 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 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 our Degree.


GUIDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


PRINCIPAL
Dr. R V PRAVEENA GOWDA

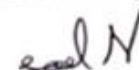

TOCE, BANGALORE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Examiner 1.

Examiner 2.

Signature with Date

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

Department of Civil Engineering



CERTIFICATE


Certified that the project work entitled "**PERVIOUS CONCRETE**"

| | | |
|----------------|------------------|------------|
| carried out by | ARON M | 1OX13CV008 |
| | BHARATH KUMAR. S | 1OX13CV042 |
| | BHARATH. S | 1OX13CV43 |
| | BINDIYA H P | 1OX13CV025 |

I certify that the 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 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 our Degree.


GUIDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


PRINCIPAL
Dr. R V PRAVEENA GOWDA

TOCE, BANGALORE
Dr. R V Praveena Gowda
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THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560068
(Affiliated to VTU and approved by AICTE)

Department of Civil Engineering



CERTIFICATE

Certified that the project work entitled **WATER QUANTITY ANALYSIS OF BELLAND LAKE AND DEFLOURIDATION OF WATER USING LOW COST ADSORBENT**

| | | |
|----------------|-------------|-------------|
| carried out by | DEVIKA R | 1OX13CV041 |
| | DIVYA NAYAK | 1OX13CV002 |
| | GIRISH. M.S | 1OX13CV 028 |
| | BINDIYA HP | 1OX13CV 011 |

I am confident 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 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 our Degree.


GUIDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


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

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

Department of Civil Engineering



CERTIFICATE

Certified that the project work entitled **STABILIZATION OF BLACK COTTON SOIL USING FLY ASH**

| | | |
|----------------|------------------------|------------|
| carried out by | HEIKRUJAM ROSHAN SINGH | 1OX13CV012 |
| | JITENDRA | 1OX13CV030 |
| | KUMAR VISHAL GAMA | 1OX13CV047 |
| | MANISH KUMAR SAH | 1OX13CV022 |

I certify that the above mentioned 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 2016-17. It is certified that all the corrections/suggestions 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 the project work prescribed for our Degree.


GUIDE

Mr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


PRINCIPAL
Dr. R V PRAVEEN GOWDA

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

Department of Civil Engineering



CERTIFICATE

certified that the project work entitled **LAYOUT OF AIRPORT AND DESIGN OF RUNWAY**

| | | |
|----------------|----------------|------------|
| carried out by | MOHAMED FARAAZ | 1OX13CV014 |
| | MOHAN. R. | 1OX13CVC29 |
| | MOHSEEN KHAN | 1OX13CV034 |
| | MOUNIKA. K.R. | 1OX13CVC44 |

I do hereby certify that the students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for the Final 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 the project work prescribed for our Degree.


Dr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


PRINCIPAL
Dr. R V PRAVEENA GOWDA

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

Department of Civil Engineering



CERTIFICATE

It is certified that the project work entitled **BEHAVIOUR OF CONCRETE BY PARTIAL REPLACEMENT OF COARSE AGGREGATES WITH RECYCLED PLAST GRANUELS** carried out by

| | |
|--------------|------------|
| NAGENDRA K | 10X13CV039 |
| NIKHIL G N | 10X13CV041 |
| OLEM JAMIR | 10X13CV058 |
| PANKAJ JOSHI | 10X13CV040 |

It is certified that all the confide students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for the External 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 the project work prescribed for our Degree.


GUIDE

Dr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


HOD

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


PRINCIPAL
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Dr. R V Praveena Gowda
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THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-560068
(Affiliated to VTU and approved by AICTE)

Department of Civil Engineering



CERTIFICATE


It is certified that the project work entitled **PARTIAL REPLACEMENT OF COARSE AGGREGATES WITH COCONUT SHELLS**

Carried out by PRABUDDHA KUMAR YADAV 10X13CV014
PRAMODH. R 10X13CV052
PRANJYOTI DAS 10X13CV018
PREMYANGFO 10X13CV039

It is certified that the students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfillment for the award of **BACHELOR OF ENGINEERING** in the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** 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 our Degree.


Dr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


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

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

Department of Civil Engineering



CERTIFICATE

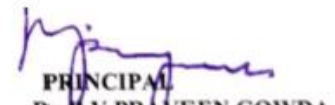
certified that the project work entitled **BEHAVIOUR OF CONCRETE BY PARTIAL REPLACEMENT FOR COARSE AGGREGATES WITH SEA SHELLS AND CEMENT BY FLYAS**

carried out by RANJAN KUMAR MADHESIYA 1OX13CV026
RAVI KUMAR R. 1OX13CV052
REJU J PHILIP 1OX13CV055
SACHIN V AIRAGE 1OX13CV047

and I hereby certify that the above named students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the academic year 2016-17. It is certified that all the corrections/suggestions indicated for External 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.


Dr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE


Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


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

Name of the Examiners

Examiner 1.

Examiner 2.

Signature with Date




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

Department of Civil Engineering



CERTIFICATE

certified that the project work entitled **EXPERIMENTAL STUDY ON CELLULAR LIGHT WEIGHT CONCRETE USING FOAMING AGENT**

performed out by

| | |
|---------------------|------------|
| SAMUEL CHINGIAKMUAN | 10X13CV007 |
| SAYUJ NAIR | 10X13CV056 |
| SHARATH B K | 10X13CV011 |
| SHIVAKUMAR. T.P | 10X13CV010 |

I do hereby certify that the students of **THE OXFORD COLLEGE OF ENGINEERING** in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** 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 our Degree.


MAHADEV PRASAD N
GUDE


HOD


PRINCIPAL
Dr. R V PRAVEENA GOWDA

Dr. MAHADEV PRASAD N
Asst. Prof,
Dept. of Civil Engineering
TOCE, BANGALORE

Dr. AMARNATH K
Dept. of Civil Engineering
TOCE, BANGALORE


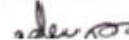
TOCE, BANGALORE
Dr. R V Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

Name of the Examiners

Examiner 1.

Examiner 2.

Signature with Date

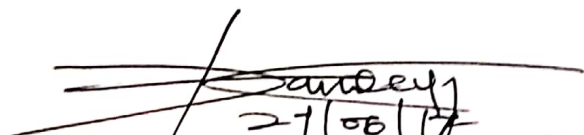



The Oxford College of Engineering
(Affiliated to VTU, Belagavi)
Bommanahalli, Bangalore - 560 068
Department of Automobile Engineering

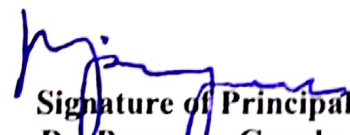


Certificate

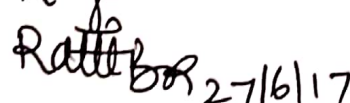
Certified that the project work entitled, "**Design and Fabrication of motorized centre stand**" carried out by Mr. MAHESH .T. N (10X13AU010), Mr. NAVEEN. N (10X13AU017), Mr. RANGANATH .B (10X14AU409), and Mr. VIKAS.H (10X14AU411) bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of Bachelor of Engineering / Bachelor of Technology in **Automobile Engineering** of the Visveswararajah Technological University, Belgaum during the year 2016- 2017. 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.

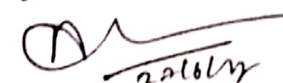

Signature of Guide
Mr. Sandeep K Chavan


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


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

Name and Signature of Examiners:

[Internal Examiner]
Dr. Raju . B . R

27/6/17

[External Examiner]
Prof. Bhelath A

27/6/17


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 “Performance and optimization of a multi-purpose forklift vehicle” carried out by Abhijit Babu Reddy (10X13AU001), Neelesh Kumar (10X13AU018), Shivendra Pratap Singh (10X13AU031), Shubham Kumar (10X13AU032) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Automobile Engineering of the Visvesvaraya Technological University, Belagavi during the year 2016-2017. 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. Deepak U S
Project Guide


Dr. Raju B R
Head of the Department


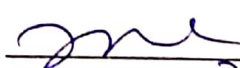
Dr. R.V Praveena Gowda
Principal, TOCE

External Viva

Name of the Examiners

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

Signature with Date

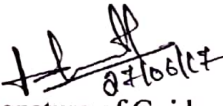
 28/6/17
 28/6/17

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



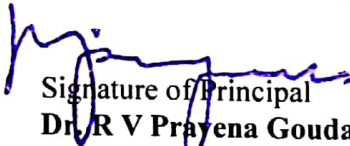
CERTIFICATE

Certified that the project work entitled "**REPATABILITY AND REPRODUCIBILITY IN EMI CALIBRATION BENCH**" carried out by **Mr. BHUVAN KUMAR SHETTY** (10X13AU006), **Mr. SANJAY BASAVARAJ JALANNAVAR** (10X13AU028), **Mr. JEEVANKUMAR B MOODI** (10X14AU403) and **Mr. KEERTHAN V** (10X14AU404), 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 2016–2017. 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. Maruthi S.B


Signature of HOD
Dr. Raju B.R



Professor & Head
Department of Automobile Engineering
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
Bengaluru-560 068

Name of Examiners:

1. **Dr. Raju B.R**
2. **Prof. Bhalath A**

Signature with Date:

 27/6/17
 28/6/17

THE OXFORD COLLEGE OF ENGINEERING

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

Department of Automobile Engineering



CERTIFICATE

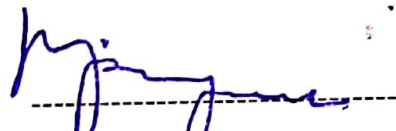
This is to certify that the Project work entitled "FABRICATION OF EXHAUST HEAT RECOVERY USING THERMO ELECTRIC GENERATOR" is an authentic record of the project work carried out by the students CLINCE P J (IOX12AU016), PRATHAP K (IOX13AU021), RAGHUNATH A NAIK (IOX13AU024), DINESHA H S (IOX14AU402) in partial fulfillment for the award of degree of Bachelor of Engineering in Automobile Engineering from Visvesvaraya Technological University, Belagavi during the year 2016-17. It is certified that all corrections and 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 Bachelor of Engineering degree.


27/6/17

Mr. RAVITEJA R N
Gulde, Asst. Professor TOCE


Raju B.R.


DR. RAJU B.R.
Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068.

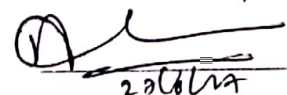


Dr. R.V. PRAVEENA GOWDA
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068.

Name of the Examiners

1. Dr. Raju. B.R
2. Prof. Bhalate. A


Raju B.R.
27/6/17


27/6/17

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, HOSUR ROAD, BANGALORE - 560 068

(Affiliated to VTU and approved by AICTE)

Automobile Engineering



CERTIFICATE

This is to Certify that the project work entitled "REGENERATIVE SHOCK ABSORBERS FOR GENERATING ELECTRICAL ENERGY AND COMPRESSED AIR" is a bonafide work carried out by MOHAMMED IDRIS AJAZ (10X12AU031), PRUTHVI RAJE GOWDA KS (10X13AU022), NITHIN BHARATH (10X12AU032), NAMITH P (10X13AU405) in partial fulfillment for the award of BACHELOR OF ENGINEERING in AUTOMOBILE ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the year FEB -MAY 2017. It is certified that all corrections suggestions indicated for internal assessment have been incorporated in the dissertation accordingly. The Project report has been approved as it satisfies the academic requirements required for the B.E degree.

Guide
Prasanna S M
Mr. PRASANNA S M
Asst. Professor,
Dept. of AUE, TOCE

Raj B R
HOD
Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Dept. of AUE, TOCE
Bommanahalli, Hosur Road
Bangalore-560 068.

Principal
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

EXTERNAL VIVA

NAME OF THE EXAMINERS

EXAMINER 1:

Dr. Raju. B. R

EXAMINER 2:

Prof. Bharath. A

SIGNATURE WITH DATE

Raj B R

27/6/17

Praveena Gowda

27/6/17

The Oxford College of Engineering
(Affiliated to VTU, Belgaum)
Bommanahalli, Bangalore - 560 068
Department of Automobile Engineering



Certificate

Certified that the project work entitled "Development of a Camless Valvetrain Using Electromagnetic Actuation and Variable Valve Timing" carried out by Mr. M NIKHIL (IOX13AU009), Mr. MANOHAR R (IOX13AU011), Mr. SAMRAT KOTRESH (IOX13AU027), bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering / Bachelor of Technology in Automobile Engineering of the Visveswaraiiah Technological University, Belgaum during the year 2016- 2017. 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.

Professor & Head

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

Rajur
Signature of HOD
Dr. Raju B R

Praveena
Signature of Principal
Dr. Praveena Gowda

Dr. R V Praveena Gowda
Principal

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

Name and Signature of Examiners:

1. Dr. Raju B. R -
2. Dr. HN Suresh

Rajur
28/6/17
Suresh
28/6/17

THE OXFORD COLLEGE OF ENGINEERING

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

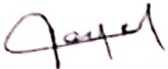
Department of Automobile Engineering



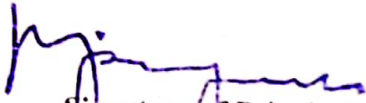
CERTIFICATE

Certified that the project work entitled "INVESTIGATION ON LOW IMPACT RESISTANCE OF GLASS LAMINATE ALUMINIUM REINFORCED EPOXY COMPOSITE (GLARE)" carried out by NIKHIL P DAVIS (10X13AU019), PRASANNA M (10X13AU020), SYED NIZAMUDDIN (10X13AU036) and MEGHANA M V (10X14AU406), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Automobile Engineering of the Visvesvaraya Technological University, Belgaum during the year 2016-2017. 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 Dhole


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

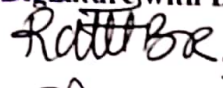
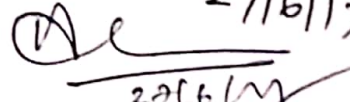

Signature of Principal
Dr. Praveena Gowda
Principal

EXTERNAL VIVA

- Name of the Examiners
1. Dr. Raju B. R
 2. Prof. Dhalete. A

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

Signature with Date


27/6/17

27/6/17

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



CERTIFICATE

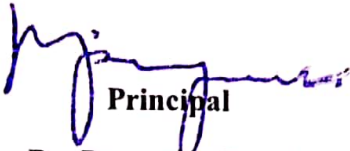
Certified that the project work entitled **FABRICATION OF HYBRID BIKE** carried out by **Mr. MOHAMMED NAVAS P** (10X13AU012), **Mr. MURALI K R** (10X13AU015), and **Mr. AJAY REDDY R** (10X14AU400) bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of Bachelor of Engineering in **Automobile Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2016 – 2017. 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

Mr. HEMANTHA C
Assistant Professor
Dept. of Automobile Engg


HOD

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

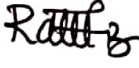
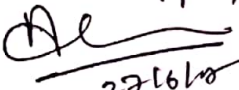

Principal

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

Name of Examiners:

1. Dr. Raju. B. R
2. Prof. Bhalate. A

Signature with Date:


27/6/17

27/6/17


THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068
(Affiliated to VTU, Belagavi and approved by AICTE)
Department of Automobile Engineering




CERTIFICATE


This is to certify that the seminar work entitled "EXPERIMENTAL INVESTIGATION OF LOW VELOCITY IMPACT ON A GLASS FIBRE REINFORCED EPOXY MATERIAL FOR AUTOMOBILE" is an authentic record of the project work carried out by the students OBULI KARTHIKEYAN S(10X11AU006), KARTHIK HIREMATH (10X13AU007), SRIKANT G(10X13AU034), TARUN KUMAR H(10X13AU037), in partial fulfillment for award of Bachelor of Engineering in Automobile Engineering from VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the year 2016-2017. It is certified that all corrections and 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 requirement in respect of project work prescribed for the said degree.



Mr. HARISH KUMAR M
Project Guide


Name of Examiners

1. Dr. Raju B.R
2. Ashin Suran


Professor in Charge
Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore-560 068.
External Viva


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


28/6/17


28/6/17


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



CERTIFICATE


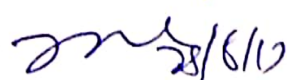
Certified that the project work entitled **INVESTIGATION ON THE INFLUENCE OF NANO FILLERS ON TRIBOLOGICAL BEHAVIOUR OF FIBER REINFORCED HYBRID COMPOSITES FOR AGRICULTURE APPLICATIONS** carried out by **Mr. ARJUN MUNIRATHINAM (IOX13AU005), Mr. PURUSHOTHAM R (IOX13AU023), Mr. SATYANARAYANA MOHANTY G (IOX13AU030) and Mr. SULAIMAN. E (IOX13AU035)**, 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 2016–2017. 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.


Professor & Head
Department of Automobile Engineering
The Oxford College of Engineering
Bommanhalli, Hosur Road
Project Guide and HOD
Dr. RAJU B R
Professor and HOD
Dept. of Automobile Engineering


Principal
Dr. B. V. PRAVEENA GOWDA
Principal
The Oxford College of Engineering
Bommanhalli, Hosur Road
Bengaluru - 560 068

Name of Examiners

Signature with Date


1. **Dr. Raju B R** -  28/6/17
2. **Dr. H N J...**  28/6/17


THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanhalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)
Department of Mechatronics Engineering




CERTIFICATE

Certified that the project work entitled **AUTOMATIC GATE BASED ON ELECTROSTATIC DISCHARGE CONTROL** carried out by Ms. **INDUMATHI M (10X13MT019)** Mr. **J C DHANUSH (10X13MT020)**, Mr. **LOCHAN T U (10X13MT022)** and Ms. **PALIKA K (10X13MT030)** bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of Bachelor of Engineering in **Mechatronics Engineering** of the Visveswaraiiah Technological University, Belagavi during the year 2016 – 2017. 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
Mr. Rajesh B
Assistant Professor,
Dept. of Mechatronics Engg.

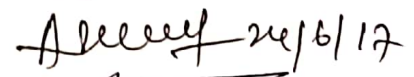


HOD
Dr. Narayana B Doddapattar
Professor & HOD
Department of Mechatronics,
The Oxford College of Engineering
Bommanhalli, Bangalore 560 068


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

Name of Examiners:

1. **Dr. Arunswamy**
2. **Dr. N B Doddapattar**

Signature with Date:

THE OXFORD COLLEGE OF ENGINEERING


Hosur Road, Bommanahalli, Bengaluru-560068, Karnataka

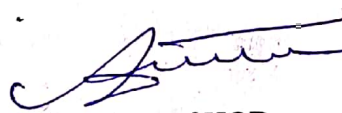
DEPARTMENT OF MECHATRONICS ENGINEERING

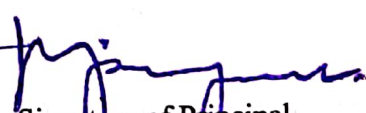


CERTIFICATE

Certified that the project entitled "ESTABLISHMENT OF OIL CIRCULATION FACILITY FOR AN ISOLATION VALVE" carried out by Mr. ADITHYA K SHETTY(10X13MT004), Mr. DHANUSH S(10X13MT015), Mr. SHRINIDHI S UPPOOR(10X13MT040), Mr. SYED NADEEM (10X13MT044), 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 2016-2017.


Signature of Guide
Mr. ASHOKA T K

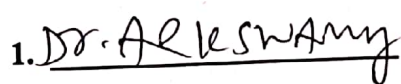
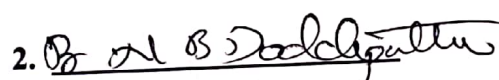

Signature of HOD
Dr. NARAYANA B
DODDAPATTA



Signature of Principal
Dr. R V PRAVEENA
GOWDA

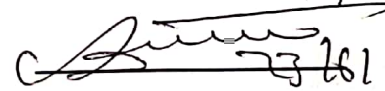
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bengaluru-560068

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

Name of the examiners

1.  Dr. ARKSWAMY
2.  Dr. B S DADDAPATTA


23/6/17


23/6/17

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, HOSUR ROAD, BENGALURU-68


DEPARTMENT OF MECHATRONICS ENGINEERING

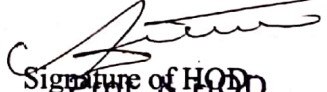


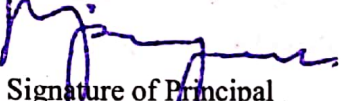
CERTIFICATE

Certified that the project entitled "M.A.R.S. (MAPPING ALL TERRAIN ROBOT SURVEILLANCE)" carried out by MOHAN KUMAR B [10X13MT010], MOHIDDIN PICHAI LABBAI [10X13MT026], PRASHANTH SEMBI [10X13MT031], SANJAY B.C [10X13MT036] 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 2016-2017.

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
Mrs. BHAVYA M R
Asst. Professor
Dept. of MTE, T.O.C.E.


Signature of HOD
Dr. NARAYANA B
DODDABATTAR
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bengaluru-560 068


Signature of Principal
Dr. R V PRAVEENA
GOWDA
T.O.C.E.

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. Arka Swamy

2. Dr. A B Doddabattar

Signature with date


23/6/17


23/6/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "DESIGN AND DEVELOPMENT OF AUTOMATION DIP PAINTING SYSTEM OF WOODEN PALLETS" carried out by Mr. RAJU E with USN 10X13MT034, Ms. AMRUTHA M with USN 10X14MT400, Mr. KARTHIK RAJ B G with USN 10X14MT403, Mr. KIRAN KUMAR A L with USN 10X14MT405, 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 2016-2017.

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.

Ravi S Jadhav
21/06/17

Signature of Guide
Mr. RAVI S JADHAV

Dr. Narayan B Daddapattar
21/6/17

Signature of HOD
Dr. NARAYAN B
DODDAPATTAR
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560068

Dr. R V Praveena Gowda

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

Signature with date

Name of the examiners

1. Dr. ARK SWAMY

Dr. R V Praveena Gowda 21/6/17

2. Dr. N B Daddapattar

Dr. Narayan B Daddapattar

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "DESIGN AND DEVELOPMENT OF AUTOMATION DIP PAINTING SYSTEM OF WOODEN PALLETS" carried out by Mr. RAJU E with USN 10X13MT034, Ms. AMRUTHA M with USN 10X14MT400, Mr. KARTHIK RAJ B G with USN 10X14MT403, Mr. KIRAN KUMAR A L with USN 10X14MT405, 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 2016-2017.

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Ravis
21/06/17

Signature of Guide
Mr. RAVIS JADHAV

Praveena
21/6/17

Signature of HOD

Dr. N. P. RAYANOD

Praveena Gowda

Signature of Principal

Dr. R V PRAVEENA

Department of Mechatronics

GOWDA

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

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560068

Name of the examiners

1. Dr. Arun Swamy

Arjun Swamy 21/6/17

2. Dr. N. P. Rayanod

N. P. Rayanod 21/6/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "DESIGN AND DEVELOPMENT OF AUTOMATION DIP PAINTING SYSTEM OF WOODEN PALLETS" carried out by Mr. RAJU E with USN 10X13MT034, Ms. AMRUTHA M with USN 10X14MT400, Mr. KARTHIK RAJ B G with USN 10X14MT403, Mr. KIRAN KUMAR A L with USN 10X14MT405, 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 2016-2017.

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.

Received
21/06/17

Signature of Guide
Mr. RAVI S JADHAV

Signature
21/6/17

Signature of HOD
Dr. PARAYANA B
DODDAPATTAR
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 560 068

Signature

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 the examiners

1. Dr. AR K SWAMY

2. Dr. N. B. D. D. D. D.

Signature 21/6/17

Signature 21/6/17

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli,
Bengaluru-560068, Karnataka


DEPARTMENT OF MECHATRONICS ENGINEERING

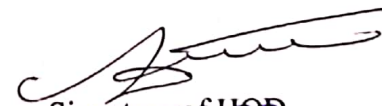


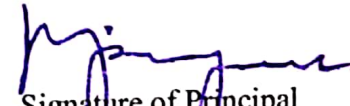
CERTIFICATE

Certified that the project entitled "DESIGN AND DEVELOPMENT OF PNEUMATIC SYSTEM FOR INDUSTRIAL AUTOMATION" carried out by Mr. KIRAN KATIGENAVAR with USN 10X14MT404, Mr. NAVGEKAR SUDHIR KRISHNA with USN 10X14MT408, Mr. PRAKASH M PATIL with USN 10X14MT410, 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 2016-2017.

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.


Signature of Guide
Dr. NARAYANA B
DODDAPATTAR


Signature of HOD
Dr. NARAYANA B
DODDAPATTAR
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068
EXTERNAL VIVA-VOCE


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

Name of the examiners

1. Dr. ARKSWAMY

2. Dr. R B Reddy

24/6/17

24/6/17

THE OXFORD COLLEGE OF ENGINEERING

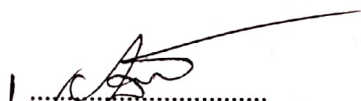
BOMMANAHALLI, HOSUR ROAD, BANGALORE-560 068
(Affiliated to VTU and approved by AICTE)

Department of Mechatronics Engineering





CERTIFICATE

Certified that the Project work entitled "LINEAR ACTUATING GRIPPER IN SEMI AUTOMATED INDUSTRIAL ROBOT (LAGSAIR)" carried out by RANJITH KUMAR.J, [10X12MT415], CHUBIKCHAN.B, [10X13MT402], JANARDHAN.L, [10X13MT404], PAVAN VARADA, [10X13MT408], 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 of 2016 – 2017. It is certified that all the 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 Seminar work prescribed for my Degree.


.....
Guide

Mr. Raghavendra K M
Assistant Professor
Dept. of MTE, TOCE


Prof. & HOD
Department of Mechatronics
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068
Dept. of MTE
TOCE


.....
Principal

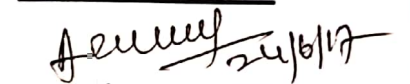
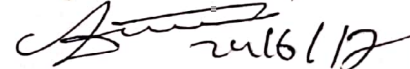
Dr. Praveena Gowda
TOCE
Dr. R V Praveena Gowda
Principal

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

Name of the Examiners

Examiner 1: DR. ARK SWAMY

Examiner 2: Dr N B Wodeyar etc



24/6/17

24/6/17

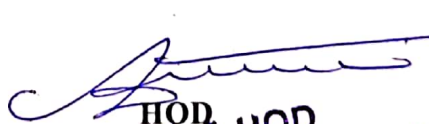
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanhalli, Bengaluru – 560068
(Affiliated to Visvesvaraya Technological University, Belagavi)
Department of Mechatronics Engineering




CERTIFICATE

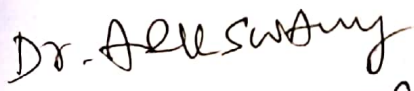

Certified that the project work entitled **AUTOMATED METRO TRAIN** carried out by **MR. SUBHAM B (10X13MT042) Mr. PRANEET S R (10X13MT020)**, bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of Bachelor of Engineering in **Mechatronics Engineering** of the Visveswaraiiah Technological University, Belagavi during the year 2016 – 2017. 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
Ms. Neetha N
Assistant Professor,
Dept. of Mechatronics Engg.

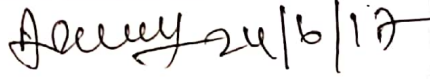

HOD
Dr. Narayana B Doddanattar
Department of Mechatronics Engineering
The Oxford College of Engineering
Bommanahalli, Bengaluru

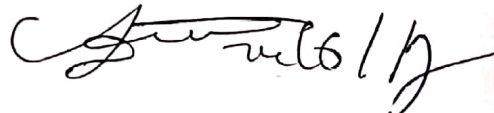

Principal
Dr. Praveena Gowda
The Oxford College of Engineering
Bommanahalli, Bengaluru

Name of Examiners:

1. 
2. 

Signature with Date:


24/6/17


24/6/17

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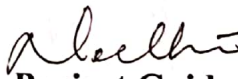
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Department of Mechatronics Engineering



CERTIFICATE

Certified that the project work entitled “SEQUENCING PNEUMATIC ACTUATOR” carried out by Mr.HARSHAGOUDA PATIL (10X13MT017), Mr.MASTER PRABHUDEV S (10X13MT024), Mr.DEEPAK G YALLAPURKAR (10X14MT401), and Mr.SANTOSH RATHOD (10X12MT039), bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visveswaraya Technological University, Belagavi during the year 2016 – 2017. 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
Ms. Neetha N
Assistant Professor,
Department of MTE


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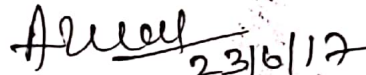
Bengaluru, 560 068

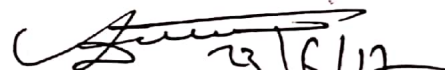
Name of Examiners:

1. Dr. A. S. S. S. S. S.

2. Dr. A. B. D. D. D.

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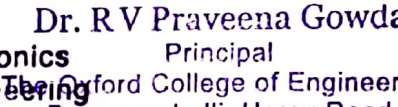
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Project Guide
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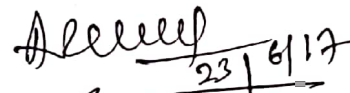
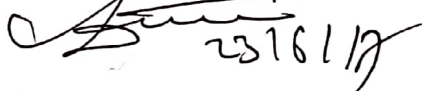

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Name of Examiners:

1. Dr. Arka Swamy
2. Dr. N B Doddipattu



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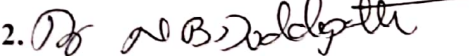
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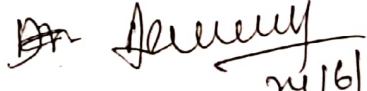
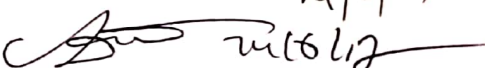

Project Guide
Ms. Neetha N
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2.  **Dr. Narayana B. Doddapattar**



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Department of Mechatronics Engineering



CERTIFICATE

Certified that the project work entitled **AUTOMATIC GATE BASED ON ELECTROSTATIC DISCHARGE CONTROL** carried out by **Ms. INDUMATHI M (10X13MT019)** **Mr. J C DHANUSH (10X13MT020)**, **Mr. LOCHAN T U (10X13MT022)** and **Ms. PALIKA K (10X13MT030)** bonafide students of **The Oxford College of Engineering** in partial fulfilment for the award of Bachelor of Engineering in **Mechatronics Engineering** of the Visveswararajah Technological University, Belagavi during the year 2016 – 2017. 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.

Rajesh B
22/06/17
Project Guide

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Narayana B
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HOD

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- Dr. N B Doddapattar*

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Arulmani
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Narayana B
22/6/17

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CERTIFICATE

Certified that the project work entitled **SOLVING INDUSTRIAL ISSUE IN POWER STEERING MOTOR USING 8D METHODOLOGY** carried out by **Mr. AKSHAY C (10X13MT005), Mr. D PAVAN KUMAR (10X13MT013), Mr. DENVER AKSHAY L (10X13MT014) and Mr. MANOJ EMMANUEL R (10X13MT023)**, 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, Belagavi during the year 2016 – 2017. 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.

M. Rajeshwari
Project Guide

Mrs. Rajeshwari D
Assistant Professor

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2. *Dr. N. B. D. D. D.*

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DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "WIRELESS ANNUNCIATOR IN INDUSTRIES" carried out by Mr. CHETAN R USN 10X13MT012, Mr. R SHASHI KUMAR USN 10X13MT032, Mr. ROHAN N USN 10X13MT035, Mr. KARTHIK M USN 10X14MT402, 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 2016-2017.

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DODDAPATTAR

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Dr. NARAYANA B
DODDAPATTAR

Signature of Principal
Dr. R V PRAVEENA
GOWDA

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Dr. R V Praveena Gowda
Principal
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EXTERNAL VIVA-VOCE

Name of the examiners

Signature with date

1. Dr. Arleswamy

Arleswamy
24/6/17

2. Dr. N B Doddapattar

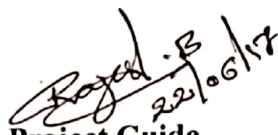
N B Doddapattar


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(Affiliated to Visvesvaraya Technological University, Belagavi)
Department of Mechatronics Engineering

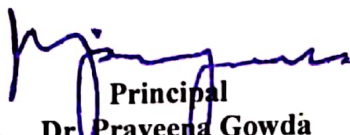


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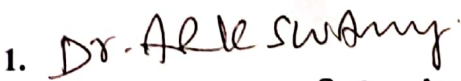
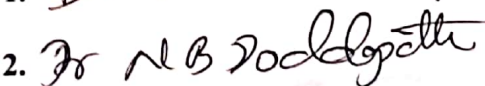
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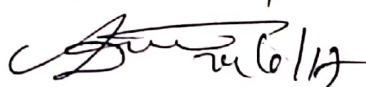

Project Guide
Mr. Rajesh B
Assistant Professor,
Dept. of Mechatronics Engg.


HOD
Dr. Narayana B Doddapattar
Professor & Head
Dept. of Mechatronics Engg.
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Dr. R V Praveena Gowda
Principal
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Bengaluru - 560 068
Signature with Date:

Name of Examiners:

- 
Dr. Arul Swamy
- 
Dr. N B Doddapattar



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This is to certify that **ABHIJIT KARMAKAR** bearing(USN-10X15MBA02) is a bonafide student of master of business administration course of the institute 2015-2017, affiliated to vishveshvarayya technological university, Belgaum. Internship report on "A STUDY ON MARKETING MIX ELEMENT OF REJUVENATE TECHNOLOGIES." is prepared by him under the guidance of Mr. **GOKUL. G.** Asst. professor MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Vishveshvarayya Technological University, Belgaum, and Karnataka.

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This is to certify that **ABHILASHA G C** bearing (**USN 10X15MBA03**) is a bonafide student of master of business administration course of the institute 2015–2017, affiliated to vishveshvarayya technological university, Belgaum. Internship report on “**A STUDY ON RATIO ANALYSIS IN AN ORGANISATION AT BIOCON PROVATE Ltd**” is prepared by her under the guidance of **Ms. CHANDRIKA REDDY P**, Asst. professor MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Vishveshvarayya Technological University, Belgaum, and Karnataka.

Signature of internal guide

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Signature of principal

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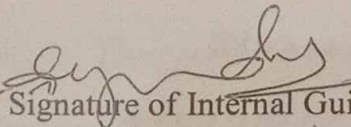
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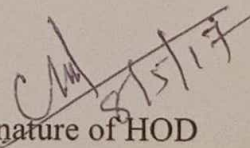
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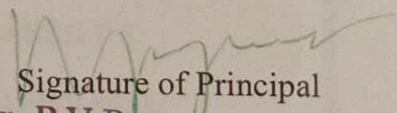
CERTIFICATE

This is to certify that **ADARSH P S** bearing (USN 10X15MBA05) is a bonafide student of Master of Business Administration course of the institute 2015–2017, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on “**A STUDY ON CUSTOMER SATISFACTION OF SOBHA INTERIOR DIVISION LTD**” is prepared by him under the guidance of **MR. CHIKKE GOWDA KG**, Asst. 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, and Karnataka.


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This is to certify that **AJAY K** bearing (**USN 10X15MBA08**) is a bonafide student of master of business administration course of the institute 2015–2017, affiliated to vishveshvarayya technological university, Belgaum. Internship report on “**FINANCIAL HEALTH STARTUPS OF V J INDUSTRIES PVT. LTD**” is prepared by him under the guidance of **Mr. GOKUL.G**, Asst. professor MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Vishveshvarayya Technological University, Belgaum, and Karnataka.

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This is to certify that **DEEKSHA M** bearing **USN:10X15MBA26** is a bonafide student of Master of Business Administration course of the institute 2015–2017, affiliated to Visvesvaraya Technological University, Belgaum. Internship report on “**A STUDY ON FINANCIAL STATEMENT ANALYSIS WITH REFERENCE TO I NET TECHNOLOGIES PVT LTD**”, is prepared by her under the guidance of Ms. **CHANDRIKA REDDY P**, Asst. 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, Karnataka.

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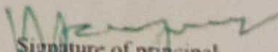
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This is to certify that **GIRISH H R** bearing (USN 10X15MBA35) is a bonafide student of Master of Business Administration course of the institute 2015 - 2017, affiliated to Visvesvaraya technological university, Belagavi. His Internship report on **A STUDY ON "REVENUE BUDGET ON KARNATAKA SOAPS AND DETERGENT" LTD BANGALORE** is prepared by him under The guidance of **Dr. Mr. JAMES THOMAS** Head of Dept., dept of MBA, in partial fulfilment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, and Karnataka.


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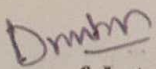
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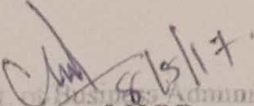
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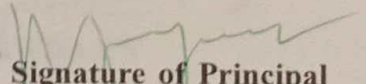
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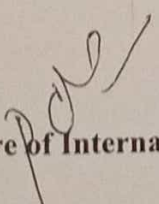
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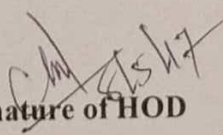
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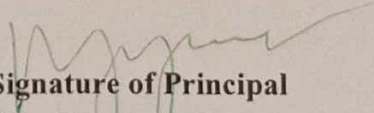
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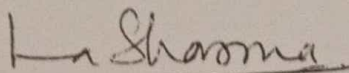
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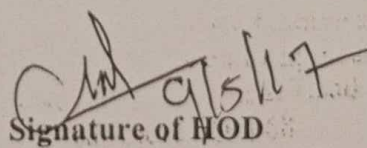
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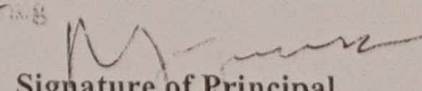
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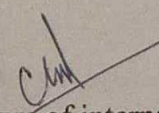
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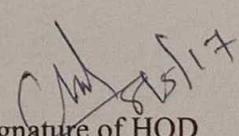
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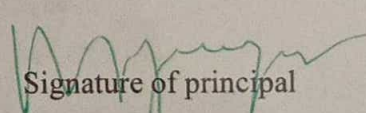
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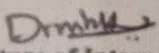
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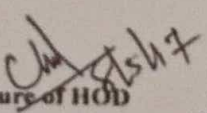
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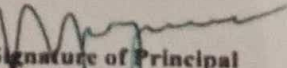
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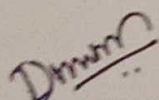
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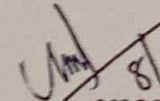
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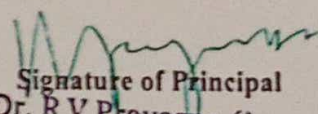
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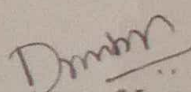
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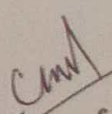
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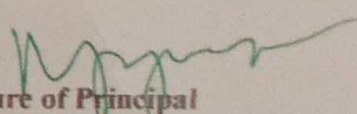
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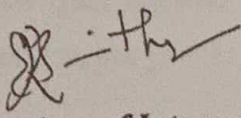
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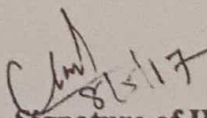
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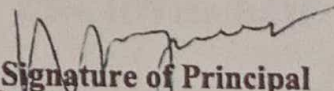
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This is to certify that **REVATHY.R** bearing USN NO: **10Y15MBA23** is a bonafide student of Master of Business Administration course of the Institute 2015-2017, affiliated to Visvesvaraya Technological University, Belgaum. Her internship report on "**A STUDY ON FINANCIAL PERFORMANCES BEFORE ACQUISITION BY RECIPHARM WITH REFERENCE TO KEMWELL BIOPHARMA PVT LTD. BANGALORE**" is prepared by her under the guidance of Mrs. **RICHA TIWARI**, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belgaum, Karnataka.

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This is to certify that **SAMREEN ZAHIR** bearing USN **10Y15MBA30** is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visveswaraya Technological University, Belgaum. His internship report on "**AN ANALYTICAL STUDY OF E-TAILING INDIA AT ENIGMA BRAND SOLUTIONS, BANGALORE**" is prepared by her under the guidance of **Ms. A. SAHANA**, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visveswaraya Technological University, Belgaum, Karnataka.

A. Sahana

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This is to certify that **RIYAS.P.P** bearing USN **10Y15MBA24** is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visveswaraya Technological University, Belgaum. His internship report on “**A STUDY ON FINANCIAL POSITION ANALYSIS** ” is prepared by him under the guidance of Ms. **RICHA TIWARI**, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visveswaraya Technological University, Belgaum, Karnataka.

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This is to certify that **ROBIN THOMAS** bearing USN **10Y15MBA25** is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visveswaraya Technological University, Belgaum. His internship report on “**A STUDY ON THE OPPORTUNITIES AND ACCEPTANCE OF M-PESA AMONG MERCHANTS IN KANNUR**”.is prepared by his under the guidance of **Ms.A.SAHANA**, in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visveswaraya Technological University, Belgaum, Karnataka.

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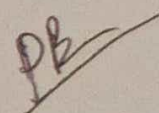
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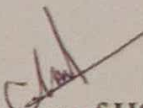
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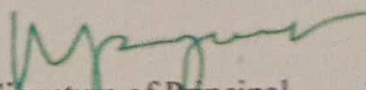
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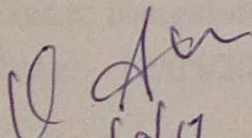
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This is to certify **SAMPANGI V** bearing (USN 10Y15MBA29) is a bonafide student of Master of Business Administration course of the institute **2015-2017**, affiliated to visvesvaraya Technological University, Belgaum. Internship report on "RATIO ANALYSIS AT TATA YAZAKI PVT LTD" is prepared by her under the guidance of Asst. Prof. **PAROMITA BOSE**, in partial fulfilment of the requirement for the award of the Degree of Master of Business Administration of Visvesvaraya technological University, Belgaum, Karnataka.


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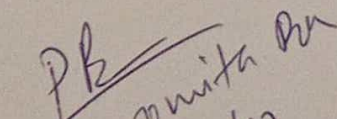

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This is to certify that **SAVITA SHARMA** bearing USN **10Y15MBA32** is a bonafide student of Master of Business Administration course of the Institute 2015-2017, affiliated to Visvesvaraya Technological University, Belagavi . Her internship report on **“A STUDY ON STANDARDIZATION OF HIRING SYSTEM OF TOYOTA INDUSTRIES ENGINE INDIA PRIVATE LIMITED”** at **TIEL, Jigani** is prepared by her under the guidance of Mrs A. SAHANA, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

A. Sahana
2/5/17
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This is to certify that **SHRUTHI K** bearing USN 10Y15MBA40 is a bonafide student of Master of Business Administration course of the Institute 2015-2017, affiliated to Visveswaraya Technological University, Belgaum. Her internship report on "A STUDY ON REVERSE MORTGAGE WITH REFERENCE TO THE SYSTEM DOMANIN Pvt Ltd, BANGALORE" is prepared by her under the guidance of Ms. Richa Tiwari in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visveswaraya Technological University, Belagavi, Karnataka.

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This is to certify that **SHAIKH FARHEEN IQBAL** bearing USN 10Y15MBA33 is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visvesvaraya Technological University, Belagavi. Her internship report is on “**A STUDY ON TRAINING AND CAREER DEVELOPMENT FOR EMPLOYEES AT SIEMENS COMPANY, VERNA , GOA.**” is prepared by her under the guidance of Mrs A. SAHANA, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

A. Sahana
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This is to certify that **SINDHU M S** bearing **10Y15MBA43** is a bonafide student of master of business administration course of the institute 2015–2018, affiliated to Visvesvaraya technological university, Belgaum. Internship report on **A STUDY ON INVENTORY MANAGEMENT** is prepared by him under the guidance of **Ms.RICHA TIWARI Asst.Prof.Dept of MBA , 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 **SOUMYA, K** bearing USN **IOY15MBA45** is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visvesvaraya Technological University, Belagavi. Her internship report on "**A STUDY ON LABOUR WELFARE MEASURES AT SRIVEN ESTATES**" is prepared by her under the guidance of Mrs A. SAHANA, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

A. Sahana
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This is to certify that **SRINIVAS PATIL** bearing USN **IOY15MBA47**, is a bonafide student of Master of Business Administration course of the institute 2015-17, affiliated to Visveshvaraya Technological University, Belagavi. Project report on "**WORKING CAPITAL MANAGEMENT WITH REFERNECE TO LAJ EXPORTS LIMITED**" is prepared by him under the guidance of Asst. Prof. **PAROMITA BOSE**, in partial fulfilment of requirements for the award of the degree of Master of Business Administration of Visveshvaraya Technological Institution, Belagavi, and Karnataka.

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This is to certify that **SUKANYA.V** bearing USN NO: **10Y15MBA50** is a bonafide student of Master of Business Administration course of the Institute 2015-2017, affiliated to Visvesvaraya Technological University, Belgaum. Her internship report on "**A STUDY ON ACCOUNTS PAYABLE PROCESS WITH REFERENCE TO GKM METAL FINISHERS, HOSUR**" is prepared by her under the guidance of Mrs. **RICHA TIWARI**, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belgaum, Karnataka.

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This is to certify that **VISHNU.K** bearing USN **10Y15MBA62** is a bonafide student of Master of Business Administration course of the institute 2015-2017, affiliated to Visvesvaraya Technological University, Belagavi. His internship report on “**A STUDY ON EFFECTIVENESS OF ACCOUNTS PAYABLES PROCESS IN BRITANNIA INDUSTRIES LIMITED, BANGALORE**” is prepared by him under the guidance of Ms A. SAHANA, in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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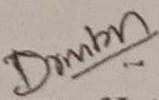
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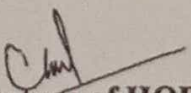
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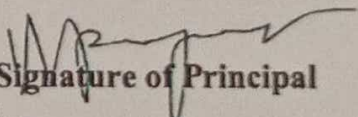
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This is to certify that **VINUTHA A** bearing USN **10Y15MBA61**, is a bonafide student of a Master of Business Administration course of the institute (Batch 2015-17), affiliated to Visvesvaraya Technological University, Belagavi. Project report on "**WORKING CAPITAL MANAGEMENT**" is prepared by her under the guidance of Assoct. **PROF. Dr. BALA KOTESWARI**, in partial fulfilment of requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological Institution, Belgavi, and Karnataka.


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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
Novel cryptographic solution using cloud computing
Submitted in partial fulfillment of the requirement for the award of the degree of

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From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

ANUSHA T

IOX14MCA02

During the academic year 2016-2017

Signature of the Guide and HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

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Department of Master of Computer Applications



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**CUSTOMER MANAGEMENT SYSTEM INTEGRATION WITH SUITECRM
FOR TRACKING SYSTEM**

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From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

ARSHIYA SULTANA

10X14MCA05

During the academic year 2016-2017

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

External Viva

Name of Examiners

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- 2.



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Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)

Signature with date

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
Session Protocol Incorporated Domain Streaming Statistics Provider

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

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BIPASHA BANIK

10X14MCA10

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Name of Examiners

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2.



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This is to certify that the project work entitled

**“Implement Conception Framework of an RFID of Patient
Tracking & Mobile Alert System”**

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From Vignansarany Technological University, Belagavi

is a result of the bonafide work carried out by

CHARANYA M N

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During the academic year 2018-2019

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Prof. Ashok DP

(Dept. of MCA, TOCE)

Signature of the HOD

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DATA AUTHENTICATING USING FORWARD SECURITY MECHANISAM

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10X14MCA12

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SECURE INFERRING NETWORK TOPOLOGY BY PROBS INCLUSION

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From Visvesvaraya Technological University, Belagavi

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DILIP N V

10X14MCA13

During the academic year 2016-2017

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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
**DEVELOPMENT OF ONLINE LEARNING PLATFORM TO HELP
SOFTWARE PROFESSIONALS TO ENHANCE THEIR SKILLS**

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

DIVYA JOSHNA J

10X14MCA14

During the academic year 2016-2017

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Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

**A CONVENIENT WEBSITE PROVIDES A PLATEFORM FOR BUYER TO AVAIL
AN ACCESS ALL DEALS OFFERS AND PRODUCTS DESCRIPTIONS.**

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

**GHELANI AKASH DINESHBHAI
10X14MCA18**

During the academic year 2016-2017

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Dr. M.S. Shashidhara,

(HOD, Dept. of MCA)

External Viva

Name of the Examlners

1.

2.



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Dr. R V. Praveena Gowda

(TOCE, Bangalore)

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Asymmetric Auditing For Dynamic Cloud Data

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

Master of Computer Applications

From Visveswaraya Technological University, Belgavi

is a result of the bonafide work carried out by

IMRAN SHARIEF

10X14MCA20

During the academic year 2016-2017




Signature of the Guide

Prof. Dharamvir

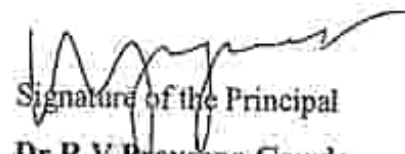
Dept. of MCA, TOCE)

External Viva

Name of Examiners


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




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

(Principal, TOCE, Bengaluru)
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-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
PASSWORD MANAGER APPLICATION
Submitted in partial fulfilment of the requirement for the award of the degree of

Master of Computer Applications

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

JOLA M

10X14MCA22

During the academic year 2016-2017



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

(Dept. of MCA, TOCE)




Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda

Principal

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Bommanahalli, Hosur Road

Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

Honnimballi, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
AN ANDROID APPLICATION FOR BUS TICKETING SYSTEM
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications

From **Vivekananda Technological University, Belgaum**

is a result of the bonafide work carried out by

JYOTHI P

10X14MCA23

During the academic year 2016-2017

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

External Viva

Name of Examiners

- 1.
- 2.

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



Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Dr. R.V. Praveena Gowda
Principal
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Honnimballi, Hosur Road,
Bengaluru - 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
**REFERRING ANALYSIS BASED PLATFORM WITH LIVE SOURCE
MATRIX**

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

JYOTHI R

IOX14MCA24

During the academic year 2016-2017

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
(Dept. of MCA, TOCE)

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

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



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

KING TATTOO STUDIO

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

KATHIRIYA SOHIL MANSUKHBHAI
10X14MCA25

During the academic year 2016-2017

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)

Signature of the Principal

Dr. R.V. Praveena Gowda

(TOCE, Bangalore)

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

MOBILE PAYMENT SYSTEM

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

Master of Computer Applications

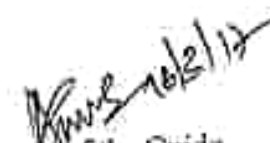
From Visveswaraya Technological University, Belgaum

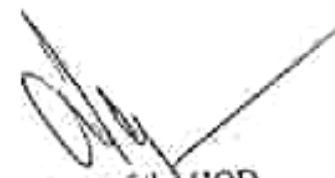
is a result of the bonafide work carried out by

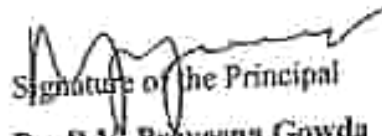
MARICHAMY M

IOX14MCA30

During the academic year 2016-2017


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


Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
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Hosur Road, BANGALORE - 560068

The Oxford College of Engineering
Bommanahalli, Hosur Road
BANGALORE

External Viva

Name of Examiners

1.

2.

2016-2017

Bommalahalli Hosur Road, Bengaluru-560063

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**Cross Platform Identification of Identical Users in Multiple Social
Media Networks**

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

Master of Computer Applications

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

MIHA HARSHAN

10X14MCA32

During the academic year 2016-2017

Signature of the Guide

Prof. Ashok B P

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head

Department of MCA

The Oxford College of Engineering

Hosur Road,

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

The Oxford

College of Engineering

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
WEB APPLICATION FOR E-SCHOOL MANAGEMENT SYSTEM
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
MOHAMMED KAFEEL
10X14MCA33
During the academic year 2016-2017



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
(Dept. of MCA, TOCE)





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

“WEB BASED APPLICATION FOR COGNITIVE BEHAVIORAL SYSTEM”

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

Master of Computer Applications

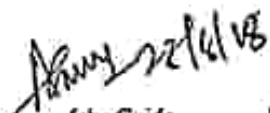
From Vigneeswaraya Technological University, Belagavi


is a result of the bonafide work carried out by

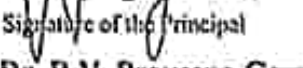
MOHAMMED SHUAIB

10X14MCA34

During the academic year 2017-2018


Signature of the Guide
Prof. Ashok B.P.
(Dept. of MCA, TOCE)


Signature of the Guide
Dr. M.S. Shasthijdhara
(Dept. of MCA, TOCE)


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
Bangalore-560 068
Signature with date

External Viva

Name of Examiners:

- 1.
- 2.

2017-2018

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

"CONTENT MANAGEMENT SYSTEM IMPLEMENTS DIRECTORY LISTING"

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

Master of Computer Applications

From Vishvesvaraya Technological University, Bengaluru

is a result of the bonafide work carried out by

MUHAMMAD T A
10X14MCA36

During the academic year 2017-2018

Signature of the Guide

Prof. Ushasree

(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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Bommanahalli, Hosur Road,
BANGALORE - 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

**CENTRALIZED DESKTOP TOOL FOR EVENT RAISING SUPPORTING
SYSTEM**

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

Master of Computer Applications

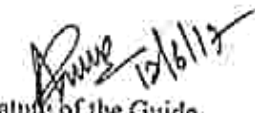
From Visveswaraya Technological University, Belagavi

is a result of the bonafide work carried out by

NISCHAL K R

10X14MCA38

During the academic year 2016-2017

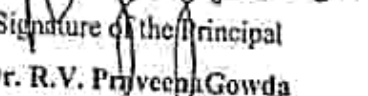

Signature of the Guide
Prof. Ashok B.P.
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


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



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

ENCRYPTED KEYWORDS SEARCH PROTECTION USING CLOUD COMPUTING

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

PAVAN A

IOX14MCA40

During the academic year 2016-2017

Signature of the Guide

Prof. Ashok B.P.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**MULTI-STAGE CONCEPTUALIZATION TOOL COMPONENT BASED
TRANSITIONS**

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

POOJA A M

10X14MCA41

During the academic year 2016-2017

Signature of the Guide

Prof. Sudha K

(pt. of MCA, TOCE)

External Viva

Signature of Examiners

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

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

Signature with date
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru - 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
"CORPORATE HUDDLE BASED ASSERTION TOOL WITH SYNC"
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

POOJA.M

10X14MCA42

During the academic year 2016-2017.

Signature of the Guide

Prof. Sudha.K

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-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

DELIVER – MOBILE APPLICATION FOR ON-DEMAND FOOD ORDERING

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

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

PRAMOD HUILGOL K

10X14MCA43

During the academic year 2016-2017

B. S. 6/16/17

Signature of the Guide

Prof. Sudha K.

Dept. of MCA, TOCE

Internal Visa

Name of Examiners

Signature of the HOD

Dr. M.S. Shashidhara

Dept. of MCA, TOCE



Signature of the Principal

Dr. R.V. Praveena Gowda

Principal, TOCE, Bengaluru

Dr. R.V. Praveena Gowda

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

Signature with date
Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hoan Road, Bangalore 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
"TRACKING CRUCIAL SENTIMENT VARIATIONS ON TWITTER"
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Application

From Visvesvaraya Technological University, Belagavi

Is a result of the bonafide work carried out by

PRASAD C R

IOX14MCA44

During the academic year 2016-2017

Signature of the Guide

Prof. Sudha k

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

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hoan Road

Signature with date

External Viva

Name of Examiners

1.

2.



THE OXFORD COLLEGE OF ENGINEERING

3, Wellington Road, Bangalore - 560 075

Department of Master of Computer Applications



CERTIFICATE

That the student named as follows

STUDENT'S NAME

has completed the course of study in the subject of

Master of Computer Applications

and has secured the following marks

in the examination held on

DATE

DATE

at the Oxford College of Engineering

Signature of the Vice

Chancellor

Date: / /

Place:

Name of Examinee

Signature of the

Dr. N.S. Reddy

Date: / /



Signature of the

Dr. N.S. Reddy

Date: / /

Place:

Name of Examinee

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

CONTROLLED VENTURE BREAKDOWN APPROACH EXECUTOR AND NAVIGATOR

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

Master of Computer Applications

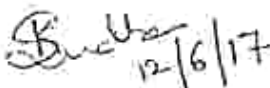
From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

RAMESH M

10X14MCA47

During the academic year 2016-2017


Signature of the Guide

Prof. Sudha k

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

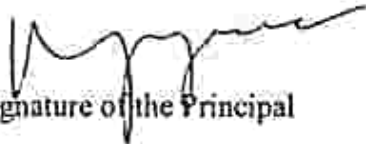
2.

~~The Head
Department of MCA
The Oxford College of Engineering
Hosur Road, BANGALORE - 68~~

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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
**FACILITATED USAGE INTERFACE ARCHITECT WITH REPOSITORY
INTEGRATION**

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

RAMYA R

IOX14MCA48

During the academic year 2016-2017

Sudha
10/6/17

Signature of the Guide
Prof. Sudha K
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

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



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

THE OXFORD COLLEGE OF ENGINEERING

Bommenahalli, Hosur Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

DEVELOPMENT OF MOBILE APPLICATION FOR SKILLS ENHANCEMENT

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

RAVINDRA

IOX14MCA49

During the academic year 2016-2017

Sudha
6/6/17
Signature of the Guide

Prof. Sudha K.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda

Signature with date
The Oxford College of Engineering
Bommenahalli, Hosur Road
Bengaluru - 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
Political CRM for Voting 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

SAI SUDHA S

10X14MCA52

During the academic year 2016-2017

S.S.
6/16/17
Signature of the Guide

Prof. S. Saritha

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

[Signature]
Signature of the IOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



[Signature]
Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda

Principal

The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru - 560 068

[Signature]
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

CONNECTING WORD PRESS TO ANDROID THROUGH WEB SERVICES

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

Master of Computer Applications


From Visvesvaraya Technological University, Belagavi

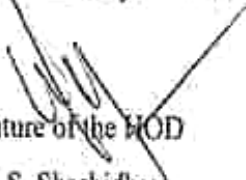
is a result of the bonafide work carried out by

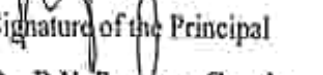
SANDEEP KUMAR K.C

IOX14MCA53

During the academic year 2016-2017


Signature of the Guide
Prof. S. Saritha
(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)

External Viva
Name of Examiners

- 1.
- 2.

The Head
Department of MCA
The Oxford College of Engineering,
Hosur Road, BANGALORE - 68

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

**“KOTLIN APPLICATION FOR BIKE BOOKING SERVICE
FOR END USERS (PASSENGER)”**

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

SHEBIN BABU

10X14MCA55

During the academic year 2017-2018

Signature of the Guide

Prof. J C Achutha

(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 Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
"CONTROL CLOUD DATA ACCESS PRIVILEGE AND ANONYMITY WITH FULLY
ANONYMOUS ATTRIBUTE-BASED ENCRYPTION"

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

Master of Computer Applications

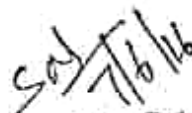
From Visveswaraya Technological University, Belagavi

Is a result of the bonafide work carried out by

SHILPA C.N

10X14MCA56

During the academic year 2016-2017



Signature of the Guide
Prof. S. Saritha.
(Dept. of MCA, TOCE)

External Viva

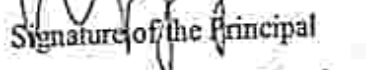
Name of Examiners

1.

2.


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




Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Dr. RV Praveena Gowda
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Bommanahalli, Hosur Road
Bengaluru-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
METHODICAL ASCENDIBLE STORAGE OF MULTIPLE MASS

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

Master of Computer Applications

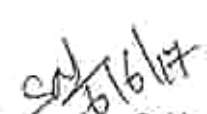
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SHIVLEELA V KAJI

10X14MCA57

During the academic year 2016-2017


Signature of the Guide

Prof. S. Saritha.


(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.


Signature of the HOD

Dr. M.S. Shashidhara

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Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda

Principal

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Bommanahalli, Hosur Road
Bengaluru-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

FACILITATOR PATENT CODE CYPHER WITH KWS WITH ANCHOR

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

SHRINKALA

10X14MCA58

During the academic year 2016-2017

Sar
7/6/17
Signature of the Guide
Prof. S.Saritha.
(Dept. of MCA, TOCE)

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

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Signature of the Principal
Dr. R.V. Praveena Gowda
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External Viva

Name of Examiners

- 1.
- 2.



Dr. R V Praveena Gowda
Signature with date
The Oxford College of Engineering
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Bengaluru-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
**WEB APPLICATION FOR INTERNATIONAL JOURNAL IMPACT
IDENTIFICATION SYSTEM**

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

SHRUTHI R

10X14MCA59

During the academic year 2016-2017

Sar
5/16/17
Signature of the Guide

Prof. S. Saritha
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

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Signature of the HOD

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Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)

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The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-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

Secured Facts Dispensation in Mantle Accretion

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

SHRUTI MASIMADE

10X14MCA60

During the academic year 2016-2017

Ushasree
Signature of the Guide
of. R. Ushasree
(Dept. of MCA, TOCE)
Internal Viva
Name of Examiners

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

[Signature]
Signature of the Principal
Dr. R.V. Praveena Gowda
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru
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:

ENTERPRISE PROGRAM EVALUATION AND REVIEW TECHNOLOGY PLATFORM

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

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

SHWETHA.N

IOX14MCA61

During the academic year 2016-2017

R. Usha
Signature of the Guide

Prof. Usha Sree.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

[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, Bengaluru)

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Principal

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

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"Hire Me" Online Job Portal

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

Master of Computer Applications

From Viavesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

SIDHDHAPURA HIREN P

10X14MCA62

During the academic year 2016-2017

R. Ushak
13/6/17
Signature of the Guide
Asst. Prof. Usha Sree
(Dept. of MCA, TOCE)

External Viva
Name of Examiners

- 1.
- 2.

[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, Bengaluru)
Dr. R.V. Praveena Gowda
Principal

Director of MCA
The Oxford College of Engineering
Hosur Road, BANGALORE - 560 068

The Oxford College of Engineering
Bommanahalli, Hosur Road
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

Ergoline

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

Sudharani D

IOX14MCA65

During the academic year 2016-2017

Usha Sree
Signature of the Guide

Mrs. Usha Sree

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

M.S. Shashidhara
Signature of the NOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



R.V. Praveena Gowda
Signature of the Principal

Dr. R.V. Praveena Gowda

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
CLOUD DATA STORAGE AND BACKUP USING REMOTE SERVERS

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

Master of Computer Applications

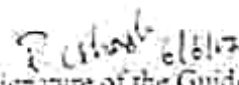
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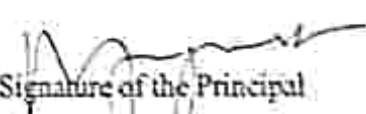
IOXI4MCA66

During the academic year 2016-2017


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


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




Signature of the Principal
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Principal
The Oxford College of Engineering
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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

TECHNO FORUM

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

SOHIL SUMRA Y

IOX14MCA67

During the academic year 2016-2017


Signature of the Guide


Asst. Prof. Usha Sree
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.



Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)
The Head

Department of MCA

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Hosur Road, BANGALORE - 68


Signature of the Principal

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Bengaluru - 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
SOCIAL NETWORK TO SUPPORT NAVIGATION FOR THE BLIND

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

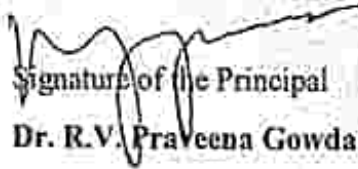
SYEDA RAABIYA BASRI

10X14MCA68

During the academic year 2016-2017


Signature of the Guide
Prof. Lavanya B.K.
(Dept. of MCA, TOCE)


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


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

External Viva

Name of Examiners

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2.

The Oxford College of Engineering
Hosur Road, BANGALORE - 68
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-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
**COLLABORATIVE BUSSINESS ENHANCEMENT WITH NON
INTER OPERABLE PROPRIETARY 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

TASNEEMA ALAM

10X14MCA69


During the academic year 2016-2017


Signature of the Guide
Prof. Lavanya B.K.
(Dept. of MCA, TOCE)

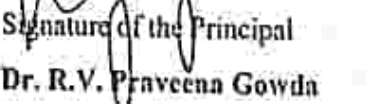
External Viva

Name of Examiners

- 1.
- 2.


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




Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Dr. RV Praveena Gowda
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Bengaluru-560 068

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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
Server Side Deduplication for Encrypted Data

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

SHIVAKUMAR T

10X14MCA70

During the academic year 2016-2017


Signature of the Guide

Prof. Lavanya B.K.
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


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




Signature of the Principal

Dr. R.V. Praveena Gowda
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Bengaluru - 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

i SERVE [On Demand Service]

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

Master of Computer Applications

From Visvesvamyia Technological University, Belagavi

is a result of the bonafide work carried out by

VAGHELA DHAVAL H

10X14MCA71

During the academic year 2016-2017

Signature of the Guide

Prof. Lavanya B.K

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

Signature of the HOD

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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
"Middleware Service Using Multiple Cloud Service"

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

VARSHA V

10X14MCA72

During the academic year 2016-2017

Signature of the Guide

Prof. Lavanya B.K.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

1.

2.

Signature of the NOD

Dr. M.S. Shashidhara

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Signature of the Principal

Dr. R.V. Praveena Gowda

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Bommanahalli, Hosur Road

Bengaluru - 560 068



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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

“GLOBAL SHARES AND AMERICAN DEPOSITORY RECEIPTS”

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

VINAY R

10X14MCA73

During the academic year 2016-2017

Signature of the Guide

Prof. Lavanya B.K.

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

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Dr. R.V. Praveena Gowda

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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

GOLDFINWATERS

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

ABISHEK S


10X15MCA70


During the academic year 2016-2017


Signature of the Guide
Prof. Mridula Shukla
(Dept. of MCA, TOCE)

External Viva
Name of Examiners

- 1.
- 2.


Signature of the HOD
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(Dept. of MCA, TOCE)
The Head
Department of MCA
The Oxford College of Engineering,
Hosur Road, BANGALORE - 68


Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Dr. R.V. Praveena Gowda
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Bommanahalli, Hosur Road
Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Computer Applications



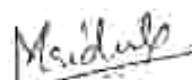
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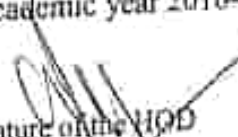
This is to certify that the project work entitled
TWO FACTOR DATA SECURITY PROTECTION MECHANISM FOR CLOUD
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications
From Visvesvaraya Technological University, Belgaum,
is a result of the bonafide work carried out by


AJITH KUMAR K S

10X15MCA71

During the academic year 2016-2017.


Signature of the Guide
Prof. Mridula Shukla.
(Asst. Prof, MCA Dept.)


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


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Dr. R.V. Praveena Gowda.
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External Viva

Name of the 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

**"DIGITILIZED AND DISTINCTIVE INDUSTRIAL PROCESS
CUSTOMIZER"**

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

Master of Computer Applications

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

ALI ULLA

10X15MCA72

During the academic year 2016-2017

Signature of the Guide
Prof. Mridula Shukla.
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

Signature of the HOD
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Signature of the Principal
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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
**SNAPPY STAGE IDENTIFICATION OF UNKNOWN IDENTICAL
OPERATORS IN COPIOUS SOCIAL MEDIA NETWORKS**

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

Master of Computer Applications


From Visveswaraya Technological University, Belagavi

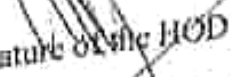
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AMBIKA

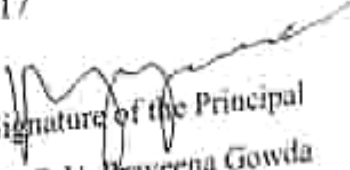
IOX15MCA73

During the academic year 2016-2017


Signature of the Guide
Prof. Mridula Shukla.
(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)
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
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Bangalore - 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

**"BUSINESS INTELLIGENCE SOLUTION PROVIDER WITH
VISUAL ANALYTICS"**

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

**AMBIKA M P
10XI5MCA74**

during the academic year 2016-2017.


Signature of the Guide


Prof. Mridula Shukla

(Asst. Prof, Dept. of MCA)


Signature of the HOD

Dr. M.S. Shashidhara

(HOD, Dept. of MCA)


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R V Praveena Gowda
Principal

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

Signature with date

External Viva

Name of the 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 is entitled
Submitted in partial fulfillment of the requirement for the award of degree of
MASTER OF COMPUTER APPLICATIONS
from Visvesvaraya Technological University Belgaum,
is a result of bonafied work carried out by

ARPITHA B

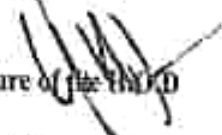
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during the academic year 2016-17

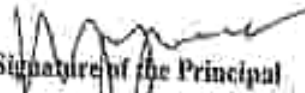
Under the guidance of


Signature of Guide

Prof. Mridula Shukla


Signature of the HOD

Dr. M.S. Shashidhara


Signature of the Principal

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

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

External Viva

Name of the Examiner

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
TRIPLICATE POTENT PROOF OF ARCADE FOR MUE
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

ASHA

10X15MCA76

During the academic year 2016-2017

Mridula
Signature of the Guide
Prof. Mridula Shukla
(Dept. of MCA, TOCE)

[Signature]
Signature of the HOD
Dr. M.S. Jayathara
(Dept. of MCA, TOCE)



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

"GUI AUTOMATION OF ACCOUNT LOCKOUT MANAGEMENT AND MONITORING"

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

Master of Computer Applications

From Visveswaraya Technological University, Belgaum


is a result of the bonafide work carried out by

BAJIRAO S KHARAT

10X15MCA78

During the academic year 2016-2017




Signature of the Guide
Prof. Mridula Shukla
(Dept. of MCA, TOCE)

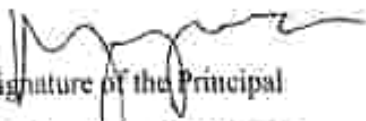
External Viva

Name of Examiners

1.

2.

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


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

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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
**“MSUC: mHealth Security Monitoring System
Using Cloud Computing”**

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

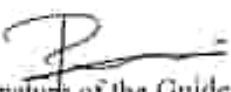
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BHAVYA R

10X15MCA79

During the academic year 2016-2017

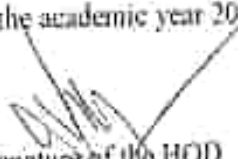

Signature of the Guide,
Prof. Punya.V

(Dept. of MCA, TOCE)


External Viva

Name of Examiners

- 1.
- 2.


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




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

(Principal, TOCE, Bengaluru)
Dr. R.V. Praveena Gowda
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Bengaluru - 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
REPERCUSSION ATTACK ON SURFING HISTORY OF TWITTER USERS

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

BHUVANESHWARI

IOXI5MCA80

During the academic year 2016-2017



Signature of the Guide
Prof. Punya V
10/6/17

(Dept. of MCA, TOCE)

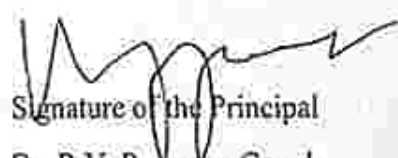
External Viva

Name of Examiners

- 1.
- 2.


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

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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

BLITZCARE HMC

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

Master of Computer Applications


From Visveswaraya Technological University, Belgaum

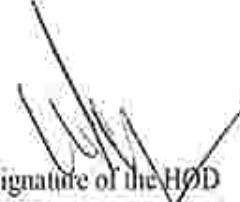
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BRAHMENDRAPRASAD

10XISMCA81

During the academic year 2016-2017


Signature of the Guide
Prof. Panya V.
(Dept. of MCA, TOCE)


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


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

External Viva
Name of Examiners

- 1.
- 2.



THE OXFORD COLLEGE OF ENGINEERING

Rammahalalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
Sequential Expression Summarizer Tool with Cloud Integration
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications

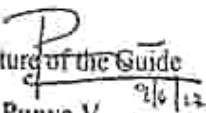
From Visveswaraya Technological University, Belagavi

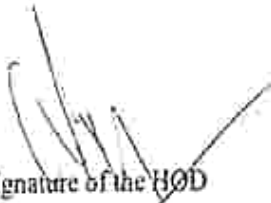
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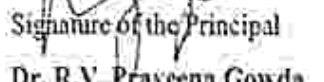
CHAITHRA N

10X15MCA82

During the academic year 2016-2017.


Signature of the Guide
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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Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Rammahalalli, Hosur Road
Bengaluru
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
Multidimensional and Intelligence Process Controller with Reports
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

CHANDANA D.G

10X15MCA83

During the academic year 2016-2017

Signature of the Guide
Prof. Punya V
(Dept. of MCA, TOCE)

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

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Dr. R.V. Praveena Gowda
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Bommanahalli, Hosur Road
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External Viva

Name of Examiners

- 1.
- 2.

THE OXFORD COLLEGE OF ENGINEERING

Hommiahalli, Hoasur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

Accredited Mass Storage With Evident Features

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

Master of Computer Applications

From Vivekanandya Technological University, Belgaavi

is a result of the bonafide work carried out by

CHANDRAKANTH

10X15MCAB1

During the academic year 2016-2017

Signature of the Guide
Prof. Purnya V

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

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

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



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

“POTENTIAL AFFINITY TRANSMISSION PLATFORM WITH MATRIX”

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

Master of Computer Applications


From Visveswaraya Technological University, Belagavi

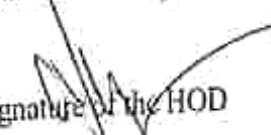
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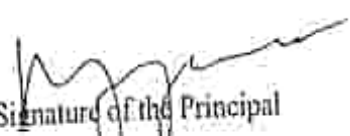
CHANDRASHEKHAR BR

10X15MCA85

During the academic year 2016-2017


Signature of the Guide
10/6/17
Prof. PUNYA V
(Dept. of MCA, TOCE)


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


Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
Principal
The Oxford College of Engineering
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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

E-CATERING SERVICE AND MANAGEMENT SYSTEM

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

Master of Computer Applications

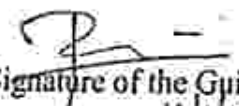
From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

DAMODAR KRISHNA NAIK

10X15MCA86

During the academic year 2016-2017



Signature of the Guide
12/6/17
Prof. Punya V.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


Signature of the NOD

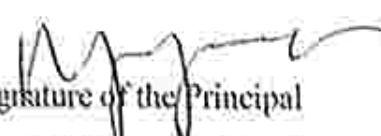
Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

The Head

Department of MCA

**The Oxford College of Engineering
Hosur Road, BANGALORE - 08**


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

**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-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
Hidden asynchronous processor regulated controller with multiple algorithms
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
R. GAUTAM RAJ
10X15MCA88
During the academic year 2016-2017

Anjana S. Murthy
Signature of the Guide
Prof. Anjana S Murthy
(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, Bengaluru)
Dr. R.V. Praveena Gowda



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

External Viva

Name of Examiners

- 1.
- 2.

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
**SECURITY DIGITAL ASSETS CONTROLLER AND INTEGRATOR WITH
CUSTOM FACTOR**

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

From Visveswaraaya Technological University, Belagavi
is a result of the bonafide work carried out by

KAILASH S

10X15MCA89

During the academic year 2016-2017

Anjana S Murthy
Signature of the Guide
Prof. ANJANA S MURTHY
(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. Braveena Gowda
(Principal, TOCE, Bangalore)
Dr. R.V. Braveena Gowda

External Viva

Name of Examiners

1.

2.



[Signature]
The Oxford College of Engineering
Bommanahalli, Hosur Road,
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

“Analytical applied apps based interpretation and development platform”

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

Master of Computer Applications

From Visvesvaraya Technological University, Belgaavi

is a result of the bonafide work carried out by

KUSUMA M

10X15MCA90

During the academic year 2016-2017

Signature of the Guide
Prof. Anjana S Murthy
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.

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



Signature of the Principal
Dr. R.V. Praveena Gowda
(Principal, TOCE, Bengaluru)
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-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

“CYBER INTIMIDATION REVEALING SYSTEM”

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

MADHU

10X15MCA91

During the academic year 2016-2017

Anjana S. Murthy

Signature of the Guide

Prof. Anjana S Murthy

(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)

External Viva

Name of Examiners

1.

2.



Signature with date

THE OXFORD COLLEGE OF ENGINEERING

Rommanahalli, Hoar Road, Bengaluru - 560 068

Department of Master of Computer Applications



CERTIFICATE


This is to certify that the project work entitled
**"SHOWCASE: AN INTERACTIVE PROJECT CATALOGUE
MANAGEMENT SYSTEM"**


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

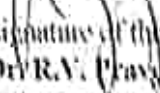
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**MEGHANA G
10X15MCA92**

During the academic year 2016-2017


Signature of the Guide
Anjana S Murthy
(Dept. of MCA, TOCE)


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


Signature of the Principal
Dr. R.V. Prayagna Gowda
(Principal, TOCE, Bengaluru)

The Head
Department of MCA
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Hoar Road, Bengaluru - 560 068

External Viva

Name of Examiners
with date

1.

2.

Signature

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
"AVIATION MANAGEMENT SYSTEM [AIRCRAFT MODULE]"

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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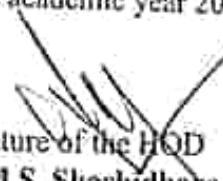
NAGARJUN V G

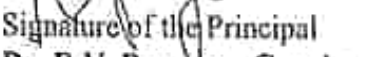
IOX15MCA93

During the academic year 2016-2017



Signature of the Guide
Prof. Anjana S Murthy
(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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Dr. R.V. Praveena Gowda
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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
**“UNCERTAINTY ANALYSIS FOR KEYWORD SYSTEM OF WEB
EVENT”**

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

Master of Computer Applications

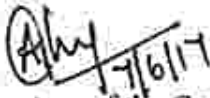
From Visveswaraya Technological University, Belgavi

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POOJA CHIDANAND

10X15MCA95

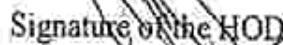
During the academic year 2016-2017



Signature of the Guide

Prof. Anjana S Murthy

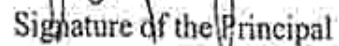
(Dept. of MCA, TOCE)



Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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
"ADVANCED FIELD SURVEY AND DIGITAL ASSESSMENT"
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications
From Visveswaraya Technological University, Belgaum
is a result of the bonafide work carried out by

PRAJWAL K

10Y15MCA70

During the academic year 2016-2017

ms. S. Muelly
Signature of the Guide
Anjana S Murthy
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. Praveega Gowda
(Principal, TOCE, Bengaluru)
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

COST EFFECTIVE APPROACH FOR DELAY BOUNDS USING CLOUD COMPUTING

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

Master of Computer Applications

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

PRASHANTH T G

10Y15MCA71

During the academic year 2016-2017



Signature of the Guide

Asst Prof. Kimmi Kumari


(Dept. Of MCA, TOCE)

External Viva

Name of Examiners

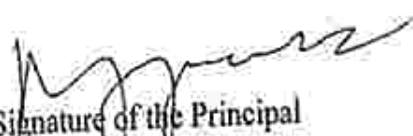
1.

2.


Signature of the HOD

Dr. M.S. Shasidhara

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Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda

Principal

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Bommanahalli, Hosur Road
Bengaluru - 560 068



THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Heer Road, Bengaluru 560 067

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**VIRTUALIZATION BASED COMMERCIAL NETWORK SNIFFING BASED
ON ESSENTIALS SYNC.**


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

PRAVEENA U B

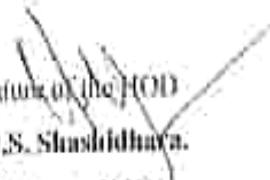
10Y15MCA72

During the academic year 2016-2017.

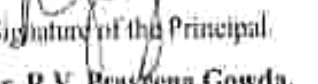

Signature of the Guide
Prof. Mridula Shukla.
(Asst. Prof, MCA Dept.)

External Viva
Name of the Examiners

- 1.
- 2.


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




Signature of the Principal
Dr. R.V. Praveena Gowda.
(Principal, TOCE, Bangalore)
Dr. R.V. Praveena Gowda
Principal
The Oxford College of Engineering
Bommanahalli, Heer Road
Signature with Date

THE OXFORD COLLEGE OF ENGINEERING,

Bommanahalli, Hosur Road, Bengaluru - 560 063

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

ONETAP HEALTH CARE

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

Master of Computer Applications

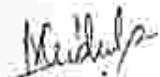
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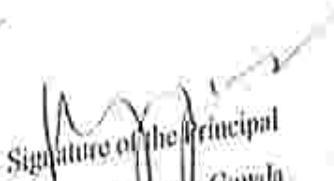
PRITHVIRAJ PATHI

10Y15MCA73

During the academic year 2016-2017


Signature of the Guide
Prof. Mridula Shukla.
(Dept. of MCA, TOCE)


Signature of the HOD
Dr. M.S. Shashidham
(Dept. of MCA, TOCE)
The Head


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

External Viva
Name of Examiners

Department of MCA
The Oxford College of Engineering
Hosur Road, BANGALORE - 560063
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Bommanahalli, Hosur Road
BANGALORE - 560063

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

**"CONGRUENT WITH RE CONCEALED ACCOMPLISHMENT FOR
E-HEALTH MANTLE"**

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

Master of Computer Applications

From Visvesvaraya Technological University, Belgaum

as a result of the bonafide work carried out by

PRIYANKA

10Y15MCA74

During the academic year 2016-2017

[Signature]
Signature of the Guide

Prof. Vishnu

Dept. of MCA, TOCE

External Viva

Name of Examiners

Signature of the HOD

Dr. M. S. Srinivas

Dept. of MCA, TOCE



Signature of the Principal

Dr. P. V. Prasanna Gowda

(Principal, TOCE, Bangalore)

Dr. P. V. Prasanna Gowda

The Oxford College of Engineering

Bommanahalli, Hosur Road

Signature with Date

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CERTIFICATE

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"LIVE HAPPY"

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

Master of Computer Applications

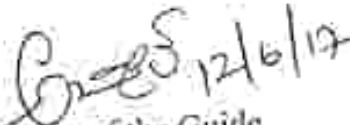
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RAJESH

10Y15MCA75


During the academic year 2016-2017

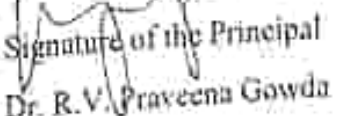

Signature of the Guide
Mr. J.C. Achutha
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


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


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

The Head
Department of MCA, The Oxford College of Engineering
The Oxford College of Engineering
Hosur Road, BANGALORE - 560 068
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Bommanahalli, Hoasur Road, Bengaluru-560 068

Department of Master of Computer Applications



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SELF SERVICES FOR BBVA

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

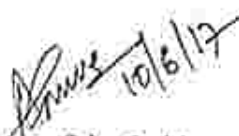
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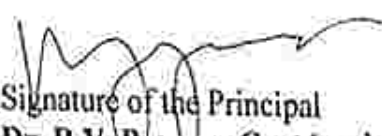
RAKESH B M

10Y15MCA76

During the academic year 2016-2017


Signature of the Guide
Prof. Ashok B P
(Dept. of MCA, TOCE)


Signature of the HOD
Dr. M.S. Shashidhara
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Signature of the Principal
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(Principal, TOCE, Bengaluru)

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- 1.
- 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

“Ductile and Fragile Aspect Based Information Arcade”

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

ROHINI

10Y15MCA78

During the academic year 2016-2017

Signature of the Guide
Prof. Kiran Kumari
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Signature of the Head
Dr. M.S. Shashidhar
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Dr. R.V. Praveen Gowda
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Head of the Department
Prof. Dr. M.S. Shashidhar
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External Viva

Name of Examiners

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Bommanahalli, Hosur Road, Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled

"RECORDS ANCESTRY IN MALEVOLENT ATMOSPHERES"

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

Master of Computer Applications

From Visvesvaraya Technological University, Belgaum

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SADANAND

10Y15MCA79

During the academic year 2016-2017

Signature of the Guide
Prof. Kimmi Kumari
(Dept. of MCA, TOCE)

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Name of Examiners

1.

2.

Signature of the Head
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Bommanahalli, Hosur Road
Bengaluru-560 068

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Bommanahalli, Hosur Road, Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled
SECURE CORPORATE FUNCTIONAL ORGANIZER WITH ARIS
Submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications
From Visveswaraya Technological University, Belgaum
is a result of the bonafide work carried out by

SADIYA KAUSER

10Y15MCA80

During the academic year 2016-2017

Signature of the Guide
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(Dept. of MCA, TOCE)

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(Dept. of MCA, TOCE)

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(Principal, TOCE, Bengaluru)

External Viva

Name of Examiners

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- 2.

Signature with date

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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

**“Data Injection Attacks And Cross Site Scripting Attacks Using
Security Content Policies”**

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

Master of Computer Applications

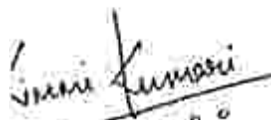
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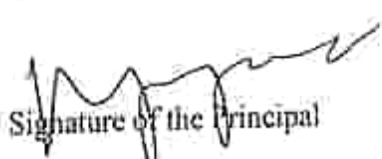
SANDHYA.R

10Y15MCA81

During the academic year 2016-2017


Signature of the Guide
of Kimmi Kumari
Dept. of MCA, TOCE)




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

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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

CLOUD PLATFORM BASED NEEDS DEVELOPMENT ADVISER AND MENTOR

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

SANJAY KUMAR R

10Y15MCA83

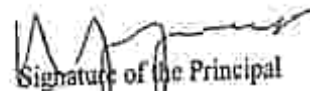
During the academic year 2016-2017


Signature of the Guide

Asst Prof. Kimmi Kumari,
Dept. of MCA, TOCE



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


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. Praveena Gowda
Principal

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Bommanahalli, Hosur Road

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
**PROVABLE MULTICOPY DYNAMIC DATA POSSESSION IN CLOUD
COMPUTING**

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

Master of Computer Applications

From Visveswaraya Technological University, Belgaum

is a result of the bonafide work carried out by

SHWETA KUMARI R

10Y15MCA87

During the academic year 2016-2017

Signature of the Guide

Prof. Kimani Kumari

(Dept. of MCA, TOCE)

Internal Viva

Signature of Examiners

2.

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)



Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Principal

Department of Engineering

Signature with date

THE OXFORD COLLEGE OF ENGINEERING
Bommanahalli, Hosur Road , Bangalore-560 068
Department of Master of Computer Application



This is to certify that the project work entitled

CLOUD BASED ONLINE TRAVELLERS HUB

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

degree of

Master of Computer Application

from Visvesvaraya Technological University, Belgaum
is a result of the bonafied work carried out by

SIVAGIRI CHANDRIKA RANI
10Y15MCA88

during the academic year of 2016-17

Signature of the Guide
Ms. Kimmi kumari

Signature of the IOD
Dr. M. S. Shashidhara

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

External Viva

Name of the 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

LEADS DISPLAY PANEL-EMAIL

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

Master of Computer Applications


From Visveswaraya Technological University, Belgaum

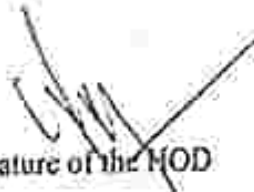
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SWATHI M UTTARESHWAR

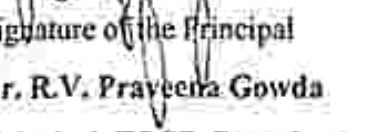
10Y15MCA91

During the academic year 2016-2017


Signature of the Guide
Prof. Punya V
16/6/17
(Dept. of MCA, TOCE)


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




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
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

"CONCEPTUAL MECHANISM TO RESOLVE CONFLICTS IN SOCIAL NETWORKS"

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

SWATHI R

IOY15MCA92

During the academic year 2016-2017

Signature of the Guide

Prof. Sudha.K.

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhar

(Dept. of MCA, TOCE)

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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Principal

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Bengaluru - 560 068

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Name of Examiners

1.

2.



THE OXFORD COLLEGE OF ENGINEERING

Bommanahalli, Hosur Road, Bengaluru-560 098.

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**ELECTRONIC ACTIVE CORPORATE CONTENT INTERACTIVITY
PRODUCER**
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

**SYED AFWAN
10Y15MCA93**

during the academic year 2016-2017.

Signature of the Guide
Prof. Dharamvir
(Asst. Prof, MCA Dept.)

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

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

External Viva

Name of the 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
**DOCS ZONE: THE DOCUMENT CLOUD STORAGE SYSTEM
ZONE USING CSS3, BOOTSTRAP, AND LARAVEL**

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

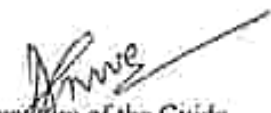
From the Visveswaraya Technological University, Belagavi

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VARSHA V HEGDE

10Y15MCA94

During the academic year 2016-2017


Signature of the Guide

Prof. Ashok B.P.

(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


Signature of the HOD

Dr. M.S. Shashidhara

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Signature of the Principal

Dr. R.V. Praveena Gowda

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Bommanahalli, Hosur Road

Bangaluru-560 068



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Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**PERFORMANCE ANALYTICS GENERATOR WITH LIVE
ASSOCIATIONS**

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


**VITHAL M KONNUR
10Y15MCA95**

During the academic year 2016-2017.


Signature of the Guide


Asst Prof. Saritha

(Dept. of MCA)


Signature of the HOD

Dr. M.S. Shashidhara

(HOD, Dept. of MCA)


Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R V Praveena Gowda

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Name of the Examiners

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

IMAGE RETRIEVAL TAG BASED BY SOCIAL WEBSITES

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Master of Computer Applications


From Visvesvaraya Technological University, Belagavi

is a result of the bonafide work carried out by

AJAY

10Z15MCA70

During the academic year 2016-2017



Signature of the Guide
Prof. Ashok B.P.
(Dept. of MCA, TOCE)

External Viva

Name of Examiners

- 1.
- 2.


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


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

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Bommanahalli, Hosur Road
Bengaluru-560 068

THE OXFORD COLLEGE OF ENGINEERING

Rommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
IDENTIFYING LUMP LETDOWN IN PORTAL WIRELESS GRIDS
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

ARCHANA

10Z15MCA72

During the academic year 2016-2017

Signature of the Guide

Prof. S. Saritha

(Dept. of MCA)

External Viva

Name of Examiners



Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

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Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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1.

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Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**MECHANISM OF SOCIAL NETWORKING TO E-COMMERCE USING MICRO
BLOG'S INFORMATION**

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

**ASHWINI T
10Z15MCA74**

during the academic year 2016-2017.

Signature of the Guide

Mr. J.C. Achutha

(Asst. Prof. Dept. of MCA)

Signature of the HOD

Dr. M.S. Shashidhara

(HOD, Dept. of MCA)

Signature of the Principal

Dr. R.V. Praveena Gowda

Dr. R.V. Praveena Gowda
(Principal, T.O.C.E. Bengaluru)

The Oxford College of Engineering
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- 2.



THE OXFORD COLLEGE OF ENGINEERING

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Department of Computer Applications



CERTIFICATE

This is to certify that the project work entitled
**FINCOP(FINANCIAL CORPORATION)FINANCIAL AUTOMATION FOR THE
RURAL DEVELOPMENT.**

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


Master of Computer Applications

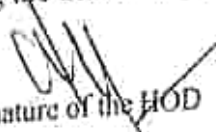
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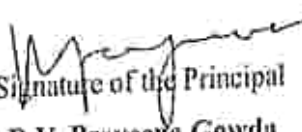
BIJAY CHETTRI

IOZ15MCA77

During the academic year 2016-2017.


Signature of the Guide
Mr. J.C. Achutba
(Asst. Prof, MCA Dept.)


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


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

External Viva

Name of the Examiners

- 1.
- 2.



Signature with date

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Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Computer Applications



CERTIFICATE

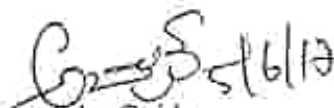
This is to certify that the project work entitled
**VIRTUALIZED RESOURCES ALLOCATION METHOD USING CLOUD
COMPUTING**


submitted in partial fulfillment of the requirement for the award of the degree of
Master of Computer Applications

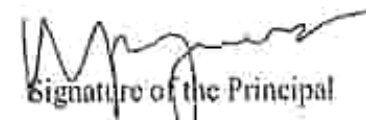
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is a result of the bonafide work carried out by

**NAYANA A
10ZISMCA79**

during the academic year 2016-2017.


Signature of the Guide
Mr. J.C. Achutha
(Asst. Prof., Dept. of MCA)


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


Signature of the Principal
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Principal
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068
Signature with date

External Viva

Name of the 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
SAS ANDROID TECHNOLOGY

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

Master of Computer Applications


from Visveswaraya Technological University, Belgaum


is a result of the bonafide work carried out by

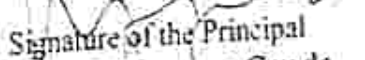
NIKHIL H S

10Z15MCA80

During the academic year 2016-2017


Signature of the Guide
Achutha J C
(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 Chief
Bommanahalli
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
**PRIVACY PRESERVING OUTSOURCED ASSOCIATION RULE MINING ON
VERTICALLY PARTITIONED DATABASE**

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

Master of Computer Applications

From Visveswarya Technological University, Belgaavi.

is a result of the bonafide work carried out by

PINKEY K R

10Z15MCAB1

During the academic year 2016-2017


Signature of the guide

Prof. J.C. Achutha
(Dept. of MCA, TOCE)

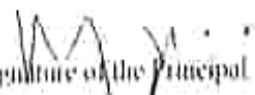
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Name of Examiners

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Signature of the HOD

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


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

Signature with date



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THE EMPLOYEE IN AN ORGANIZATION (BAROQUE - TECHNOLOGY)**
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