

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

Explice Gove of Karnataka. After a ted to Visvesvaraya Technological University, Belagavi.

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

Recognised by UGC Under Section 2(f)
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2018-19

| SI. No. | Activity | Name Of Organisation |
|------------|---|--|
| 1. | Expert Lecture on Apple Technology Demonstration | Cloud Enabled-COE Pvt Ltd, Bengaluru |
| 2. | Expert Lecture on 4G with focus on LTE and its architecture | 3G Network Solutions Pvt Ltd, Bengaluru |
| 3. | Expert Lecture on Entrepreneurship Management | Cloud Enabled-COE Pvt Ltd, Bengaluru |
| 4. | Project Opportunity | Stelixr Biotech Pvt Ltd, Zastra Innovations, 3i molecular solutions |
| 5. | Training class on 3D Printer for additive technology | Petritian Creation Private Itd. |
| 6. | Expert Talk on Technology Impact on Management Education and Industry | Gen Ed Technologies, Bengaluru |
| 7. | Project Internship Guidance Training Session | MadMac Technology |
| 8. | Workshop on Entrepreneurship | Plants Zone, Bengaluru |
| 9. | Workshop on research paper writing and publishing | Combined group of science and technology, Bengaluru |
| 10. | Project Internship Guidance Training Session | Momentum Technology |
| 11. | Visit to construction site | Skyscraper |
| 12. | Guest Lecture on Importance of Higher Education in Engineering or Education curriculum in India | Best Engineering Construction |

PRINCIPAL
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Bengaluru-560 068



Children's Education Society ® THE OXFORD COLLEGE OF ENGINEERING Department of Information Science and Engineering

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Circular

26/04/2018

HOD-ISE

Expert Lecture on "Apple Technology Demonstration"

This is to inform all faculty members and students of B.E 6th and 8th SEM, there will be a guest lecture on "Apple Technology Demonstration" which is scheduled on April 27th, 2018(Friday) from 02:00 pm to 4:00 pm in IV Floor seminar hall. The resource person is Mr. Praveen M.P,

All are required to attend the Expert Lecture.

Student coordinators

1. Akshay VIII-A
2. Meghana K S VIII-A
3. Sonal VIII-B
4. Vinayak Pai VIII-B
5. Ankit VI-A

6. Vijay VI-B

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Report on Apple Technology Demonstration

With the respect of MoU between the Department of Information Science & Engineering, The Oxford College of Engineering and Cloud Enabled-COE Pvt Ltd, Bengaluru, Guest lecture on "Apple Technology Demonstration" was organized in the college on 27th April 2018.

Mr. Praveen from Cloud Enabled Pvt Ltd, Bengaluru was the resource persons. Various aspects on Apple technology were covered and Students of fourth and sixth semester actively attended and had interactive session with the resource persons.



Expert lecture delivering lecture to students on Apple Technology (27/4/2018)

Circular

Expert Lecture on "4G with focus on LTE & its Architecture".

This is to inform all faculty and students of B.E. 6th & 8th Sem. there will be an Expert Lecture on "4G with focus on LTE & its Architecture" which is scheduled on March 23rd, 2018 (Wednesday) from 2.15 pm to 4:15 pm in IV Floor Seminar Hall. The Resource person is Mr. Kannan Kadirvelu, System Architect

All are required to attend the Expert lecture.

HOD - ISE

| Student Coordinators | HOD - ISE |
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Report on 4G with focus on LTE & its architecture

With the respect of MoU between the Department of Information Science & Engineering, The Oxford College of Engineering and 3G Network Solutions Pvt Ltd, Bengaluru, an expert lecture on "4G with focus on LTE & its architecture" was organized in the college on 23rd March 2018.

Mr. Kannan Kadirvelu, System Architect from the 3G Network Solutions was the resource person. He covered various aspects of LTE architecture. Students of sixth semesters actively attended and had interactive session with the resource person.



Resource Person Mr. Kannan Kadirvelu delivering lecture on LTE architecture (23/3/2018.)



THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT OF ISE

INVITES ALL

For Expert Lecture On

"Entrepreneurship Management"

Ву

Mr. Parameshwar

Date: May 8th 2018

Venue: IV Floor Seminar Hall

Timings: 2:00 pm to 4:00 pm



Children's Education Society ® THE OXFORD COLLEGE OF ENGINEERING Department of Information Science and Engineering Hosur Road, Bommanahalli, Bengaluru-560 068

Website: www.theoxford.edu Email: djr-hodise@theoxford.edu
(Approved by AICTE, New Delhi, Accredited by NBA, New Delhi & Affiliated to
VTU,Belgaum)

Circular

05/05/2018

Expert Lecture on "Entrepreneurship Management"

This is to inform all faculty members and students of B.E 6th and 8th SEM, there will be a guest lecture on "Entrepreneurship Management" which is scheduled on May 08th, 2018(Tuesday) from 02:00 pm to 4:00 pm in IV Floor seminar hall. The resource person is Mr. Parameshwar

All are required to attend the Expert Lecture.

HOD-ISE

ATTENDANCE SHEET

Enterpreneuship monogernat. 8/1/14 2:0pm - 4:00pm TOPIC:

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Report on Entrepreneurship Management

With the respect of MoU between the Department of Information Science & Engineering, The Oxford College of Engineering and Cloud Enabled Pvt Ltd, Bengaluru, an expert lecture on "Entrepreneurship Management" was organized in the college on 5th May 2018.

Mr. Parameshwar from the Cloud Enabled Pvt Ltd was the resource person. He covered various aspects of Entrepreneurship and management skills. Students actively attended and had interactive session with the resource person.



Resource Person Mr. Parameshwar delivering lecture (5/5/2018)

109



THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT OF BIOTECHNOLOGY

(Recognized by the Govt. of Karnataka, Affiliated to Vievesvaraya Technological University, Belagavi & Approved by A.I.C.T.E. New Delhi, Accredited by NAAC & NBA New Delhi and Recognized by UGC under section 2(f)) Bommanahalli, Hosur Road, Bengaluru -560068. 3: 080 -30219601/602/604/736, Fax: 080 - 25730551/ 30219629 E-mail: engprincipal@theoxiford.edu

Web: www.theoxford.ed

Dated: 25/06/2018

CIRCULAR

Subject: INTERNSHIP / PROJECT Opportunity for the Academic year 2018-19

The Department is organizing technical training/ Projects in association with the following companied for the current academic year 2018-19. Interested students are herewith informed to contact the coordinator Mr. Divakara and enroll your name on or before 29/6/2018

List of Companies:

- I. Stelixr Biotech Pvt.LTd No.V-31, 2nd Floor, 10th Main Road, Peenya Second Stage Industrial Area, Bangalore-560 058
- 2. Zastra Innovations ,837/S3, II Floor, 3rd Cross Rd. HRBR Layout 1st Block, Kalyan Nagar Bengaluru, Kamataka, 560043 www.zastrain.com
- 3. 3i molecular solutions, #24/1,4th Floor. Above star Market, Banerghatta Main road, Bengaluru-560076

Professor & Head Department of Biotechnology The Oxford College of Engineering Bengaluru-560 068



ATION SOCIETY (Regis.)

THE OXFORD COLLEGE OF ENGINEERING DEPARTMENT OF BIOTECHNOLOGY

(Recognized by the Govf. of Karnataka. Affiliated to Visvesvariaya Technological University. Belagavi & Approved by A.L.C.T.E. New Dehi, Accredited by NAAC & NBA New Dehi and Recognized by UGC under section 2015. doi: 080-30219601/602/604/738. Fax: 080-25730531/30219628 E-mail enginess a Stheodord adu.

Web www.theoxibrid.edu.

Dated: 5/05/2019

Flowing are the list of students who have done the Internships and Projects under partnering institution/ industry /research lab as per circular for Internship/Project dated 25/6/2018 for the current academic year 2018-19

| S.NO | | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant Name |
|------|--|---|------------------|----------------|--|
| | Student Internship on Cancer cell study based on FACS and MTT assay and Projects | Stelixr Biotech Pvt.LTd | 9/7/2018 | 9/8/2018 | Apoorva L,Pooja S,Vidya BA,Vidyashree D |
| 2 | Student Internships on -Inhibition of Mapkinase by computational analysis | Zastra Innovations | 9/7/2018 | 9/8/2018 | Chaitanya R |
| 3 | Student Internships on Bioinformatics methods and drug discovery | Zastra Innovations | 9/7/2018 | 9/8/2018 | Doepika M, Divya S, Lakshmi K |
| 4 | Student Internships on Protein and gene expression in breast cancer | Zastra Innovations | 9/7/2018 | 9/8/2018 | P Karoline |
| 5 | Student Internships on Molecular docking studies, ADME properties of the selected molecules | Zastra Innovations | 9/7/2018 | | |
| 6 | Student Internships on Insilco simulation of renal cell carcinoma | Zastra Innovations | 9/7/2018 | | Sheeba R |
| 7 | Student Internships Computational analysis of acute ischemic stroke and Projects | Zastra Innovations | 9/7/2018 | | S Tahmina Aslam |
| 8 | Student Project on Classification of breast cancer on PCA and gene express analysis – molecular biomarker and therapeutic applications | 3i molecular solutions | 01/02/2019 | | Lakshmi K P Karoline, |
| 9 | Student Project on Lung cancer classification and identification of novel biomarkers and their associated role in therapeutic applications | 3i molecular solutions | 01/02/201 | | Pooja V Vidyashree D MANJUNATALS Messor a Head dessor a Head |



TO WHOMESOEVER IT MAY CONCERN

10-08-2018

Sub: Reg the Attendance Letter related to Research Project performed at Stellixir Biotech

This is to certify that Ms. APOORVA.L (Reg. No. 10X15BT006), Department of Biotechnology, The Oxford College of Engineering, Bangalore-560068., has attended and performed their Research Project on Cancer Cell line based studies by Flow Cytometry from 09.07.2018 to 09.08.2018 at Stellixir Biotech Pvt. Ltd, Bangalore - 560 057.

Their Research Project is completed and has showed accurate results.

Thanks and Regards,

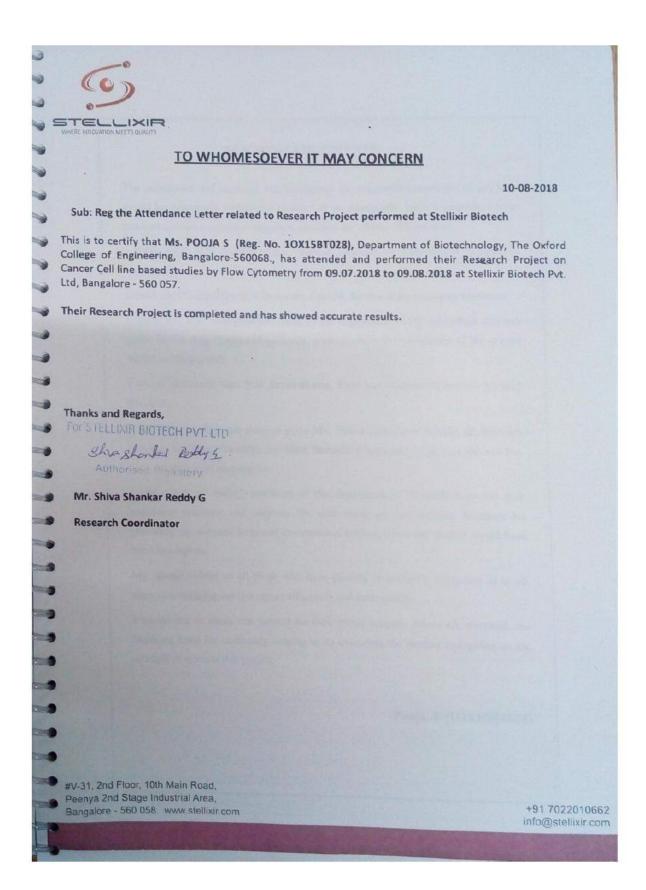
FOR STELLIXIR BIOTECH PVT. LTD

Show shouted Reddy &

Mr. Shiva Shankar Reddy G

Research Coordinator

Stellixir Biotech Pvt Ltd





This is to certify that Ms. Chaithanya R, (Reg. No. 10X15BT011) student of 4th year B.Tech Biotechnology at <u>The Oxford College of Engineering, Bengaluru, India</u> successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Inhibition of MAPKinase in cardiovascular hypertrophy.

During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Uses time constructively.



Signature of the Supervisor Girinath G. Pillai, PhD

This is to certify that Ms. Deepika M, (Reg. No. 10X15BT012) student of 4" year B.Tech Biotechnology at The Oxford College of Engineering, Bengaluru, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Drug targets and protein target expression in Melanoma.

During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Uses time constructively.



Signature of the Supervisor Girinath G. Pillai, PhD

If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

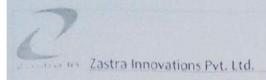
Mobile +91 94483 67493

#837-203, Il Floor, 3th Cross Rd HRBR Layout 1= Block Kalyan Nagar, Bengaluru Kamataka 560043, India

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Registration Nos. Page 5 of 8 GSTIN: 29AAACZ9708D1Z4 DUNS 860373874 AAACZ97050 CIN: U72900KA2016FTC092590



This is to certify that Ms. Divya S, (Reg. No. 10X15BT013) student of 4th year B.Tech Biotechnology at The Oxford College of Engineering, Bengaluru, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously.

i) A Signaling Protein to Control Diabetes Type 2. During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

Evaluation of the Internship:

Comments on the student's performance noting strengths and weaknesses:

July 09, 2018 to August 09, 2018 Excellent / Satisfactory / Unsatisfactory

Displays an ability to learn rapidly and adapt quickly to changing situations.



Signature of the Supervisor Girinath G. Pillai, PhD

If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

Regd, Office:

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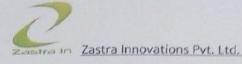
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This is to certify that Ms. Karoline P. (Reg. No. 10X15BT026) student of 4th year B.Tech Biotechnology at The Oxford College of Engineering, Bengaluru, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

Protein Target and Gene Expression in Breast Cancer progression During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Committed to continuously learning.



Signature of the Supervisor Girinath G. Pillai, PhD

If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

Telefax +91 80 4110 4821 Mobile +91 94483 67493 Skype ID: zastraindia

gd. Office:

#837-203, Il Floor, 3ª Cross Rd

#RBR Layout 1º Block

Kalyan Nagar, Bergaturu

Kamataka 580043. India

Registration Nos: Page 2 of 8 GSTIN: 29AAACZ970601Z4 D-U-N-S: 850373874 AAACZ97080 PAN. CIN: U72900KA2918FTC092590

This is to certify that Ms. Tahmina Aslam, (Reg. No. 10X15BT044) student of 4" year B.Tech Biotechnology at The Oxford College of Engineering, Bengalury, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Computational modelling of Acute Ischemic stroke.

During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual. hardworking and inquisitive

We wish her every success in her life and career

Duration of Internship:

Evaluation of the Internship:

Comments on the student's performance noting strengths and weaknesses:

July 09, 2018 to August 09, 2018

Excellent / Setisfactory / Unsalisfactory

Excels in facilitating group discussions.



Signalure of the Supervisor Grmath G Pillar, PhD

If you have any queries in this certificate please contact Ginnath G. Pillar at gpillar@zastrain.com.or +91-80-4110-4821



CERTIFICATE

This is to certify the dissertation work entitled "Breast cancer classification based on PCA (principle component analysis) and gene expression analysis associated Molecular Biomarkers identification and its therapeutic applications", is submitted by Ms. Deepika.M, P.Karoline and Lakshmi.K in partial fulfillment of the requirement for the award of degree of Bachelor of Engineering in Biotechnology and carried out in 3i Molecular Solutions and Healthcare Pvt Ltd., Bangalore is a bonafide research work done by them under our supervision and guidance.

Move who we have

Dr. Moutushy Mitra, CEO and Co-Founder, 3i Molecular Solutions and Healthcare Pvt Ltd, Gottigere, Bangalore. Quist

Ms. Kritika Mishra, Lead-Scientist - Bioinformatic, 3i Molecular Solutions and Healthcare Pvt Ltd, Gottigere, Bangalore.



CERTIFICATE

This is to certify the dissertation work entitled "Lung cancer classification and Identification of Novel Biomarkers and their associated roles in therapeutic applications" is submitted by Ms. Vidya Shree D and Ms. Pooja V in partial fulfillment of the requirement for the award of degree of Bachelor of Engineering in Biotechnology and carried out in 3i Molecular Solutions and Healthcare Pvt Ltd., Bangalore is a bonafide research work done by them under our supervision and guidance.

IN THE R

Dr. Moutushy Mitra, CEO and Co-Founder, 3i Molecular Solutions and Healthcare Pvt Ltd, Gottigere, Bangalore. Quist

Ms. Kritika Mishra, Lead-Scientist - Bioinformatic, 3i Molecular Solutions and Healthcare Pvt Ltd, Gottigere, Bangalore.

MOU4

Department of ECE

The Oxford College of Engineering

Circular

Date: 10/9/2018

It is to inform the B.Tech Students of ECE that the Petritian Creation Private Itd., is organizing the training class and they signed a MOU on "3D printer for additive technology" in the college on 20th March 2021.Students are doing the project under the advice of petritian company.

Venue: R&D centre, Dept of ECE

Professor & HOD of E&C Engineer The Oxford College of Engineeric Bommananalli, Bangalore-560 (5

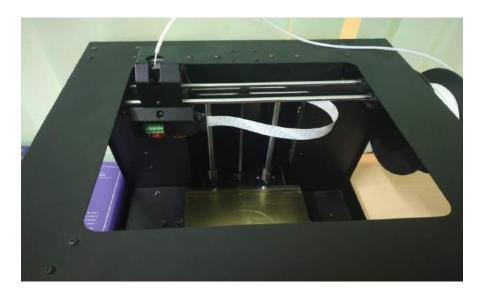
List of the students and Signature who attended

| | | NAME OF STUDENT |
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| 10 | 10X19EC010 | CHANDAN KUMAR P |
| 11 | 10X19EC011 | CHANDANA K |
| 12 | 10X19EC012 | • 4 |
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| 19 | 10X19EC019 | GAGAN KUMAR M Graffament |
| 20 | 10X19EC020 | CHINTHAPALLI HARIKA dittafalli |
| 21 | 10X19EC021 | HARSHITH KN HARVILL |
| 22 | 10X19EC022 | HARSHITHA KT Hardistr |
| 23 | 10X19EC023 | HARSHITHAS Harmy |
| 24 | 10X19EC024 | HEMA M Glerner |
| 25 | 10X19EC025 | HEMANTH A |
| 26 | 10X19EC026 | IMPANASV Znjan |
| 27 | 10X19EC027 | KAMAL R GOSWAMI |
| 28 | 10X19EC028 | KARTHAVYA JAYA GJ |
| 29 | 10X19EC029 | KARTHIKPAMA M D |
| 30 | 1OX19EC030 | KAVYA NS Junga 7 |
| 31 | 10X19EC031 | KAVYAS PROCE |
| 32 | 10X19EC032 | KEERTHANA G D |
| 33 | 10X19EC033 | KISHORE BABU A . |
| 34 | 10X19EC034 | KUMARVAMSHI CH , LINELELLY |
| 35 | 10X19EC035 | LAXMIPRATHYUSHA Lu Xunidan |
| 36 | 10X19EC036 | K S LOKESHWARAN. |
| 37 | 10X19EC037 | MPRAGATHI Mpragalt |

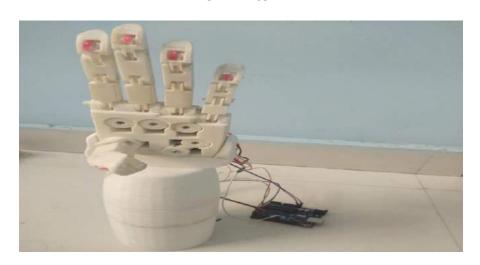
Professor & HOD of EAC Engineer
The Oxford College of Engineer
Bommananalli, Bangalore-560 ff

A report on student project under advice of Petritian Creation Private ltd.

Some batches of the students have done final year project using 3D-printer for multipurpose robotic hand. It was very useful product for the agriculture application & in medical health care. Another batch has fabricated human skull for the hidden camera using 3D-printer. Another batch is fabricating device using hand gripped device.



3D-Printer



Hand gripped device

Professor & HOD of EAC Engineer
The Oxford College of Engineer
Bommananalli, Bangalore-560 (:

MOU4

Department of ECE

The Oxford College of Engineering

Circular

It is to inform the B.Tech Students are doing final year project with 3D printer based device for handgripped measurement and Robotic arm.

Venue: R&D centre, Dept of ECE

Professor & HOD of ExC Engineer
The Oxford College of Engineer
Bommananalli, Bangalore - 560 ff

List of the students/faculty and Signature who attended

| S.NO. | USN | NAME | Sign |
|-------|------------|-----------------|---------|
| 1 | 10X17EC063 | Sumeet kulkarni | June He |
| 2 | 10X17EC057 | Sharan A | d |
| 3 | 10X17EC065 | Sushma P Kamath | - Aurun |
| 4 | 10X17EC060 | Sibin Binu | Q_{I} |
| 5 | 10X17EC075 | Yashaswini L | W. I |
| 6 | 10X17MT040 | · Varun Gourav | Varunt |
| 7 | 10X16MT016 | Jayanth | Vasuut |

Professor & HOD of EAC Engineer
The Oxford College of Engineer
Bornmananalli, Bangalore-560 0

PATRICIAN CREATIONS PVT. LTD.

MIG B/5/38, NIT COLONY, Atrey Layout, Rana Pratap nagar, Nagpur-440022 +91 9422113256, +91 9916344306 . Telefax : +91-712-2233256 Email : himanshu.r.shrivastava@gmail.com



Memorandum of Understanding

EFFECTIVE DATE: This MOU is executed on (effective date) between

PARTY 1: [Primary applicant: Academia's particulars] The Oxford College of Engineering).

PARTY 2: [Collaborator: Industry particulars] Patrician Creations Pvt. Ltd).

Whereas, the institute has developed proof of concept with regard to Orthodontic Treatment planning and prediction Whereas institute has identified Patrician Creations Pvt. Ltd. to carry part of its study that will involve providing necessary services required for the testing of the software and stand alone.

Whereas Patrician Creations Pvt. Ltd has agreed to perform such required service which is testing of the developed module as per the schedule and terms agreed mutually. Now thereof the parties for valid consideration enter into this MOU:

- OBJECTIVE: The present study Providing turnkey solution to orthodontists to shift to a
 more modern electronics based approach rather than the traditional modus operandi)
- 2. SCOPE OF WORK: The scope of work shall include:
- . Large number of dentist and orthodontic patients will get benefited by proposed work
 - 3. ROLES & RESPONSIBILITIES:
 - A. Development of software
 - B. Overall testing of the module
 - 4. <u>CONFIDENTIALITY:</u> All information under the MOU shared between the parties shall be treated as confidential information and shall be subject to restrictions on disclosure other than for the purpose of this MOU. The confidentiality obligations shall survive even after the termination or expiration of this MOU. Confidential information shall not include:

Disclaimer: This sample MoU is for example only. It should not merely be duplicated without consideration of the project for CRS. The parties should include additional terms and conditions based on project specifics and additional aspects that require mutual governance.

- a. information that is available in public domain;
- b. information already known to the receiving party;
- information disclosed to the receiving party by a third party not under obligation of confidentiality;
- d. Information developed by the receiving party independent of the confidential information received under this MOU.

5. PUBLICATION:

6. INTELLECTUAL PROPERTY RIGHTS:

- a. "Intellectual Property" means the legal rights relating to inventions, patent applications, patents, copyrights, trademarks, mask works, trade secrets, and any other legally protectable information, including computer software, first made or generated by such investors.
- The "Intellectual Property Rights (IPR)" generated during the project will exclusively lie with the academia, The Oxford College of Engineering
- c. Patent Prosecution and Expenses. The filing, prosecution, defense and maintenance of all Patents for the Inventions will be conducted and controlled individually in the name of Patrician Creations Pvt. Ltd. And The Oxford College of Engineering (institute), acting reasonably and in good faith.
- d. Background Intellectual Property: Any of the party possess rights in background intellectual property, that is, intellectual property not otherwise subjected to this MOU, which would be useful or essential to the practice or commercialization of the results of this MOU, should be disclosed. Except to the limited extent required to perform a party's obligations under this MOU, neither party receives any right, title, or interest in or to any Research Materials provided to it by the other party or any technology, works or inventions of the other party that are not Research Program Inventions, or any patent, copyright, trade secret or other proprietary rights in any of the foregoing.
- e. Maintaining the Laboratory Notes: Each party agrees that research efforts will be well documented in the form a laboratory notes with accurate data disclosed for each experiments performed therein, during the course of this MOU.
- f. In the event of commercialization of the technology by Patrician Creations Pvt. Ltd, The Oxford College of Engineering will have the first right of refusal
- 7. TERM AND TERMINATION: This MOU shall be valid for a period of Three years from the Effective Date and can be terminated by a notice of six months by either party. The termination of this MOU shall not affect any IP rights accrued and related obligations Disclaimer: This sample MoU is for example only. It should not merely be duplicated without consideration of the project for CRS. The parties should include additional terms and conditions based on project specifics and additional aspects that require mutual governance.

- arising under this MOU. As per the need the MOU will be revised for further duration with same terms and conditions or mutually agreeable modifications.
- 8. <u>INDEMNIFICATION</u>: Neither party shall be held responsible for the indemnification of their respective obligations under this MOU due to the exigency of one or more of the force majeure events such as but not limited to acts of God, War, Flood, Earthquakes, Strikes, Lockouts beyond the control of the party claiming force majeure, Epidemics, Riots, Civil Commotions etc. provided on the occurrence and cessation of any such event the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action.

9. DISPUTE RESOLUTION, GOVERNING LAW AND JURISDICTION:

Any disputes between the parties shall be resolved by mutual discussions. Minor dispute during execution of the project shall be subjected to resolution out of this MOU. The MoU shall be considered, interpreted and governed by the laws of India and Courts at Nagpur shall have exclusive jurisdiction in all such matters.

Professor & HOD of E&C Engineering

Party 1 nie Palioun College of Engineering Bommananalli, Bangalore - 560 068. funansh & Ahrinaston
Party 2: Collaborator, Industry

Disclaimer: This sample MoU is for example only. It should not merely be duplicated without consideration of the project for CRS. The parties should include additional terms and conditions based on project specifics and additional aspects that require mutual governance.

Department of Business Administration THE OXFORD COLLEGE OF ENGINEERING



Hosur Road, Bommanahalli, Bengaluru-560 068

25Website: www.theoxford.eduEmail: engprincipal@theoxford.edu

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

28-08-2018

CIRCULAR

Dear 3rd Semester MBA students, there will be a Guest Lecture on "**EXPERT TALK on TECHNOLOGY IMPACT ON MANAGEMENT EDUCATION & INDUSTRY**" organizing by Gen Ed

Technologoies, BANGALORE in association with department of MBA. The details are as follows:

Date: 29th August, 2018

Venue: Seminar hall, 6th floor, The Oxford College of Engineering

Resource Person: Mr.Rajasekhar, Technical Expert, GenEd Technologies, Bangalore

All are informed to participate.

HOD, Deptt. of Eustress Administration
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068

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THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560 068 25Website: www.theoxford.eduEmail:engprincipal@theoxford.edu

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

List of Students Participated in

EXPERT TALK

on

TECHNOLOGY IMPACT ON MANAGEMENT **EDUCATION & INDUSTRY**

Organized by GenEd TECHNOLOGIES, BANALORE

Venue: The Oxford College of Engineering Date: 29/08/2018

MBA 3rd Semester A- Section

| S.No | USN | Name | Present/ Absent |
|------|------------|-----------------------|-----------------|
| 1 | 1OX17MBA01 | ABHILASH SN | Present |
| 2 | 1OX17MBA02 | ABHILASH V S | Present |
| 3 | 1OX17MBA03 | ABHISHEK V | Present |
| 4 | 1OX17MBA04 | ABISHEK REDDY B | Present |
| 5 | 1OX17MBA05 | ADARSHA B N | Absent |
| 6 | 1OX17MBA06 | AHINSHAD C | Present |
| 7 | 1OX17MBA07 | AJAY KUMAR P | Present |
| 8 | 1OX17MBA08 | AKHILESH P | Present |
| 9 | 1OX17MBA09 | AKSHAY PRAKASH TANDEL | Present |
| 10 | 1OX17MBA10 | AMEENA SADAF | Present |
| 11 | 1OX17MBA11 | ANIL KUMAR M | Absent |
| 12 | 1OX17MBA12 | ANIL N | Present |
| 13 | 1OX17MBA13 | ANILKUMAR B T | Present |
| 14 | 1OX17MBA14 | ANN SUMAN JOSHI | Present |
| 15 | 1OX17MBA15 | ANUSHA N | Present |
| 16 | 1OX17MBA16 | APOORVA K G | Present |
| 17 | 10X17MBA17 | ARAVIND J A | Present |

| 18 | 1OX17MBA18 | ARJUN PRADEEP K P | Present |
|----|------------|-----------------------|---------|
| 19 | 1OX17MBA19 | ASHARANI R | Present |
| 20 | 1OX17MBA20 | ASHWINI H G | Present |
| 21 | 10X17MBA21 | ASITHA SK | Absent |
| 22 | 10X17MBA22 | ATISH | Present |
| 23 | 10X17MBA23 | BHARATH M U | Present |
| 24 | 1OX17MBA24 | BHARGAV YADAV NR | Absent |
| 25 | 10X17MBA25 | BHAVYA SHREE D S | Present |
| 26 | 10X17MBA26 | BINDHUSHRI M | Present |
| 27 | 10X17MBA27 | BINDU R | Present |
| 28 | 1OX17MBA28 | C LIKITHA | Present |
| 29 | 10X17MBA29 | CHANDINI N | Absent |
| 30 | 1OX17MBA30 | CHIRASYA M U | Present |
| 31 | 1OX17MBA31 | DEBDEEP SINGHA ROY | Present |
| 32 | 1OX17MBA32 | DEEPIKA NAIK | Present |
| 33 | 1OX17MBA33 | DHANUSH K M | Present |
| 34 | 1OX17MBA34 | DILEEP D M | Absent |
| 35 | 1OX17MBA35 | DILEEP KUMAR J | Present |
| 36 | 1OX17MBA36 | DIVYA D | Present |
| 37 | 1OX17MBA37 | DURGA PRASAD R | Present |
| 38 | 1OX17MBA38 | G GURU PRASAD REDDY | Present |
| 39 | 1OX17MBA39 | GAGAN Y | Present |
| 40 | 10X17MBA40 | GIRIPRAKASHA REDDY CR | Present |
| 41 | 1OX17MBA41 | GIRISH YS | Present |
| 42 | 10X17MBA42 | HARIKUMAR A | Present |
| 43 | 10X17MBA43 | HARISH KUMAR L | Present |
| 44 | 1OX17MBA44 | HARISH R | Present |
| 45 | 1OX17MBA45 | HEMANTH KUMAR T C | Present |
| 46 | 10X17MBA46 | HEMAVATHI D | Present |
| 47 | 1OX17MBA47 | HEMIN ABRAHAM | Present |
| 48 | 1OX17MBA48 | JAYASHREE V S | Present |
| 49 | 1OX17MBA49 | JOBIT K SHILAS | Present |
| 50 | 1OX17MBA50 | KAJEEM | Present |
| | | • | |

| 51 | 1OX17MBA51 | KANDULA KHAJAREDDY | Present |
|----|------------|--------------------|---------|
| 52 | 1OX17MBA52 | KARTHICK T | Present |
| 53 | 1OX17MBA53 | KAVYA G | Absent |
| 54 | 1OX17MBA54 | KAVYA P O | Present |
| 55 | 1OX17MBA55 | KUSHMA G | Present |
| 56 | 1OX17MBA56 | LAKSHMI M | Present |
| 57 | 1OX17MBA57 | LIKITHA V M | Present |
| 58 | 1OX17MBA58 | NAUREEN SABA N | Absent |
| 59 | 1OX17MBA59 | P ANUPAMA | Present |
| 60 | 10X17MBA60 | SUNIL K PATEL | Present |



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List of Students Participated in

EXPERT TALK

on

TECHNOLOGY IMPACT ON MANAGEMENT EDUCATION & INDUSTRY

Organized by GenEd TECHNOLOGIES, BANALORE

Date: 29/08/2018 Venue: The Oxford College of Engineering

MBA 3rd Semester B- Section

| S.No | USN | Name | Present/ Absent |
|------|------------|----------------------|-----------------|
| 1 | 10Y17MBA01 | GOKILA GIRI G | Absent |
| 2 | 10Y17MBA02 | HEMAVATHI M | Present |
| 3 | 1OY17MBA03 | LOKESH G | Present |
| 4 | 1OY17MBA04 | MADHAVI A | Present |
| 5 | 1OY17MBA05 | MADHUSUDHAN P | Present |
| 6 | 1OY17MBA06 | MAHAMAD ARSHAD | Absent |
| 7 | 10Y17MBA07 | MAMATHA U | Present |
| 8 | 1OY17MBA08 | MANJULA B R | Present |
| 9 | 10Y17MBA09 | MANJUNATH G | Present |
| 10 | 10Y17MBA10 | MANJUNATHA M | Present |
| 11 | 10Y17MBA11 | MANORANJAN K S | Present |
| 12 | 10Y17MBA12 | MOHAMMAD SAIF | Absent |
| 13 | 10Y17MBA13 | MOHAMMED WAJAHATH AS | Present |
| 14 | 10Y17MBA14 | NAGENDRA | Present |
| 15 | 10Y17MBA15 | NAYANA A | Present |
| 16 | 10Y17MBA16 | NEHA CHANDRA | Absent |

| 17 | 1OY17MBA17 | NITHIN KUMARA H D | Present |
|----|------------|----------------------------|---------|
| 18 | 1OY17MBA18 | POOJA A | Present |
| 19 | 10Y17MBA19 | POOJA M S | Present |
| 20 | 10Y17MBA20 | PRASHATNH B S | Present |
| 21 | 10Y17MBA21 | PRATHAN J L | Present |
| 22 | 10Y17MBA22 | RAJENDRA R | Present |
| 23 | 10Y17MBA23 | RAJESH KUMAE R | Present |
| 24 | 10Y17MBA24 | RAKESH B K | Present |
| 25 | 10Y17MBA25 | RANJITA RAVIRAJ GADDADAVAR | Present |
| 26 | 10Y17MBA26 | RANJITH B L | Present |
| 27 | 10Y17MBA27 | RANJITHA G | Present |
| 28 | 10Y17MBA28 | RASHMI V N | Absent |
| 29 | 10Y17MBA29 | REVANNA M A | Present |
| 30 | 10Y17MBA30 | RIYAZUR REHMAN | Present |
| 31 | 10Y17MBA31 | SANJAY K | Absent |
| 32 | 10Y17MBA32 | SANTHOSH MR | Present |
| 33 | 10Y17MBA33 | SATHISH B | Present |
| 34 | 10Y17MBA34 | SATHISH GOWDA T N | Present |
| 35 | 10Y17MBA35 | SEKHAR Y | Present |
| 36 | 10Y17MBA36 | SHAILESH D | Absent |
| 37 | 10Y17MBA37 | SHALINI M N | Present |
| 38 | 10Y17MBA38 | SHALINI S | Present |
| 39 | 10Y17MBA39 | SHILPA YADAV G S | Absent |
| 40 | 10Y17MBA40 | SHIVARAJKUMAR R | Present |
| 41 | 10Y17MBA41 | SHREYA D RAO | Present |
| 42 | 10Y17MBA42 | SOWMYA K | Present |
| 43 | 10Y17MBA43 | SPOORTHY M | Absent |
| 44 | 10Y17MBA44 | SRI LEKHA S | Present |
| 45 | 10Y17MBA45 | SRINATH M | Present |
| 46 | 10Y17MBA46 | SUPRIYA SR | Present |
| 47 | 10Y17MBA47 | SYED WASIM | Present |
| 48 | 10Y17MBA48 | TSENTSUTHUNG MOZHUI | Present |
| 49 | 10Y17MBA49 | UJWALA P SALGUDI | Present |

| 50 | 10Y17MBA50 | UZMA | Present |
|----|------------|---------------|---------|
| 51 | 10Y17MBA51 | VAISHNAVI H V | Absent |
| 52 | 10Y17MBA52 | VANISHREE B K | Present |
| 53 | 10Y17MBA53 | VINUTHA L | Present |
| 54 | 10Y17MBA54 | VISHWAJITH R | Absent |



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List of Students Participated in

EXPERT TALK

on

TECHNOLOGY IMPACT ON MANAGEMENT EDUCATION & INDUSTRY

Organized by GenEd TECHNOLOGIES, BANALORE

Date: 29/08/2018 Venue: The Oxford College of Engineering

MBA 1st Semester A- Section

| S.No | USN | Name | Present / Absent |
|------|------------|-----------------------|------------------|
| 1 | 10X18MBA01 | A GOPI PRASHANTH | Present |
| 2 | 1OX18MBA02 | ADARSH L | Present |
| 3 | 1OX18MBA03 | ADARSH M R | Absent |
| 4 | 1OX18MBA04 | AKHEEL RAMEES KP | Present |
| 5 | 1OX18MBA05 | AKSHAYKRISHNA | Present |
| 6 | 1OX18MBA06 | AMMAR AHMED M | Present |
| 7 | 1OX18MBA07 | BHANUMATHI B | Present |
| 8 | 1OX18MBA08 | CHAITHRA C | Present |
| 9 | 1OX18MBA09 | CHIGURUPATI BABJI | Present |
| 10 | 1OX18MBA10 | D DINESH | Absent |
| 11 | 1OX18MBA11 | DEEPAK B | Present |
| 12 | 1OX18MBA12 | DEEPAK KS | Present |
| 13 | 1OX18MBA13 | DINESH A | Absent |
| 14 | 1OX18MBA14 | DIVYA B N | Absent |
| 15 | 1OX18MBA15 | DIVYASHREE V | Present |
| 16 | 1OX18MBA16 | G SUBASH CHANDRA BOSE | Present |
| 17 | 1OX18MBA17 | GIRIJA R | Absent |

| 18 | 1OX18MBA18 | GOWRI SHANKARI M | Present |
|----|------------|---------------------|---------|
| 19 | 1OX18MBA19 | HARISH V | Present |
| 20 | 10X18MBA20 | HARISHANKAR REDDY G | Present |
| 21 | 10X18MBA21 | HARSHITHA P | Present |
| 22 | 1OX18MBA22 | HEMA M | Present |
| 23 | 1OX18MBA23 | IRSHAD AHEMED T | Present |
| 24 | 1OX18MBA24 | KIRANKUMAR P | Present |
| 25 | 10X18MBA25 | M PRIYA | Present |
| 26 | 10X18MBA26 | MANIKANTA HC | Present |
| 27 | 10X18MBA27 | MK MOHAMMED THAHIR | Present |
| 28 | 1OX18MBA28 | MURUGAN E | Present |
| 29 | 10X18MBA29 | MUSTAFIZUR RAMAN | Present |
| 30 | 10X18MBA30 | NANDEESH REDDY | Present |
| 31 | 10X18MBA31 | NARESH BABU G | Present |
| 32 | 10X18MBA32 | NAYANA C | Present |
| 33 | 1OX18MBA33 | PAVAN KUMAR HP | Present |
| 34 | 1OX18MBA34 | PRAJNA V PANDEY | Present |
| 35 | 1OX18MBA35 | PRAVOSH S N | Present |
| 36 | 1OX18MBA36 | R TEJAVARDHAN REDDY | Present |
| 37 | 10X18MBA37 | RAJASHEKAR NAIK | Present |
| 38 | 1OX18MBA38 | RAKSHA S | Present |
| 39 | 10X18MBA39 | RAMAREDDY C B | Present |
| 40 | 1OX18MBA40 | RANKISHOR PRADHAN | Present |
| 41 | 1OX18MBA41 | RASHMI H P | Present |
| 42 | 10X18MBA42 | RAVIKIRAN V | Present |
| 43 | 1OX18MBA43 | SACHIN K S | Present |
| 44 | 1OX18MBA44 | SAPNA SAVANT | Present |
| 45 | 1OX18MBA45 | SARANYA R K | Present |
| 46 | 1OX18MBA46 | SEEMA | Present |
| 47 | 1OX18MBA47 | SHASHIKUMAR H N | Present |
| 48 | 1OX18MBA48 | SHASHIKUMAR M | Present |
| 49 | 1OX18MBA49 | SHREELAKSHMI L R | Present |
| 50 | 1OX18MBA50 | SNEHA N | Present |
| | ı | 1 | |

| 51 | 1OX18MBA51 | SUPRIYA GS | Present |
|----|------------|-----------------|---------|
| 52 | 1OX18MBA52 | SUPRIYA SUR PUR | Present |
| 53 | 1OX18MBA53 | SWATHI S | Present |
| 54 | 1OX18MBA54 | TAMILAZAHKI P | Present |
| 55 | 1OX18MBA55 | TINSON JOSEPH | Present |
| 56 | 1OX18MBA56 | VARUN HS | Present |
| 57 | 1OX18MBA57 | VEENA N | Present |
| 58 | 1OX18MBA58 | VINAYA K R | Present |
| 59 | 1OX18MBA59 | VISHWANATH H S | Present |

No. of Students Present: 150

HOD, Deptt. of Business Administra-The Oxford College of Engineering Bommanahalli, Hosur Road Bangalore 560 068





A REPORT ON

EXPERT TALK on TECHNOLOGY IMPACT ON MANAGEMENT EDUCATION & INDUSTRY

Organized by GenEd TECHNOLOGIES, BANALORE

DEPARTMENT OF BUSINESS ADMINISTRATION THE OXFORD COLLEGE OF ENGINEERING

29th August, 2018

An Expert Talk on TECHNOLOGY IMPACT ON MANAGEMENT EDUCATION &INDUSTRY was organized by **GenEd TECHNOLOGIES**, **BANALORE**on29th **August**, 2018, at The Oxford College of Engineering.Mr.Rajasekhar, Technical Expert, GenEd Technologies, Bangalore has addressed the gathering of 150 MBA students.

Technology has been altering at a rapid pace ever since the onset of Industrialization. The effects of these varying cycles or 'Industrial Revolutions' have been felt not just on industry and business but also on everyday life.



Mr.Rajasekhar, Technical Expert, GenEd Technologies, Bangalore deliberations

With the rapid progressions of technology uninterruptedly changing needs and prospects of students and customers and increasing global rivalry, business schools and management development bodies are faced with many opportunities and challenges for the ways they teach, operate, and promote themselves. Some hold technology with openly while some prefer to follow more traditional and tested methods.



Students participation in Expert Talk.

The speaker highlighted that, although technology is lastly being assimilated into education, its use for teaching and education still leftovers a challenge. Notwithstanding the fact that many schools today are fortunate to have ready access to technology, trained teachers, and a favorable policy atmosphere, the use of technology in the classroom is still low. Some attribute low levels of technology use in education to the pedagogical beliefs of teachers.



Students participation in Expert Talk.

He also specified the following ways that technology could be better leveraged to improve learning:

- With the extensive availability of student databases that are able to trajectory individual progress, teachers are stimulated to identify learning purposes and segregate instruction based on the needs of their students.
- Whenever teachers try to present teaching using technology, they should do so using a network that is relevant to the objectives, the learning style, mode and the skill selected.
- When evaluating technology-based instruction, there needs to be suitableassessment techniques that are in line with the methods of instruction, objectives and the technology.
- Teachers can design follow-up activities when using technology to evaluate students' learning and the role technology played in that process.

The Workshop program was well appreciated by students.

Oxford College of Engineering Bommanahalli, Hosur Road & Bangalore 560 068

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Department of Business Administration THE OXFORD COLLEGE OF ENGINEERING



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28-12-2018

Bangalore 560 068

CIRCULAR

Dear 3rd Semester MBA students, there will be a workshop on "**Entrepreneurship**" organizing by PLANTS ZONE, BANGALORE in association with department of MBA. The details are as follows:

Date: 29th December, 2018

Venue: Seminar hall, 6th floor, The Oxford College of Engineering

Resource Person: Mr. Sampath , Plants Zone, Bangalore

All are informed to participate.

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Hosur Road, Bommanahalli, Bengaluru-560 068 25Website: www.theoxford.edu Email : engprincipal@theoxford.edu

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

List of Students Participated in

WORKSHOP

on

ENTREPRENEURSHIP

Organized by PLANTS ZONE, BANALORE

Date: 29/12/2018 Venue: The Oxford College of Engineering

MBA 3rd Semester A- Section

| S.No | USN | Name | Present/ Absent |
|------|------------|-----------------------|-----------------|
| 1 | 10X17MBA01 | ABHILASH SN | Present |
| 2 | 10X17MBA02 | ABHILASH V S | Present |
| 3 | 1OX17MBA03 | ABHISHEK V | Present |
| 4 | 1OX17MBA04 | ABISHEK REDDY B | Absent |
| 5 | 1OX17MBA05 | ADARSHA B N | Present |
| 6 | 1OX17MBA06 | AHINSHAD C | Present |
| 7 | 1OX17MBA07 | AJAY KUMAR P | Absent |
| 8 | 1OX17MBA08 | AKHILESH P | Present |
| 9 | 10X17MBA09 | AKSHAY PRAKASH TANDEL | Present |
| 10 | 10X17MBA10 | AMEENA SADAF | Present |
| 11 | 1OX17MBA11 | ANIL KUMAR M | Absent |
| 12 | 1OX17MBA12 | ANIL N | Present |
| 13 | 10X17MBA13 | ANILKUMAR B T | Present |
| 14 | 1OX17MBA14 | ANN SUMAN JOSHI | Present |
| 15 | 10X17MBA15 | ANUSHA N | Present |
| 16 | 1OX17MBA16 | APOORVA K G | Present |
| 17 | 1OX17MBA17 | ARAVIND J A | Present |

| 18 | 1OX17MBA18 | ARJUN PRADEEP K P | Present |
|----|------------|-----------------------|---------|
| 19 | 1OX17MBA19 | ASHARANI R | Absent |
| 20 | 1OX17MBA20 | ASHWINI H G | Present |
| 21 | 1OX17MBA21 | ASITHA SK | Present |
| 22 | 1OX17MBA22 | ATISH | Present |
| 23 | 1OX17MBA23 | BHARATH M U | Present |
| 24 | 1OX17MBA24 | BHARGAV YADAV NR | Present |
| 25 | 1OX17MBA25 | BHAVYA SHREE D S | Absent |
| 26 | 1OX17MBA26 | BINDHUSHRI M | Present |
| 27 | 1OX17MBA27 | BINDU R | Present |
| 28 | 1OX17MBA28 | C LIKITHA | Absent |
| 29 | 10X17MBA29 | CHANDINI N | Present |
| 30 | 10X17MBA30 | CHIRASYA M U | Present |
| 31 | 10X17MBA31 | DEBDEEP SINGHA ROY | Present |
| 32 | 1OX17MBA32 | DEEPIKA NAIK | Present |
| 33 | 1OX17MBA33 | DHANUSH K M | Present |
| 34 | 1OX17MBA34 | DILEEP D M | Present |
| 35 | 1OX17MBA35 | DILEEP KUMAR J | Present |
| 36 | 1OX17MBA36 | DIVYA D | Present |
| 37 | 1OX17MBA37 | DURGA PRASAD R | Present |
| 38 | 1OX17MBA38 | G GURU PRASAD REDDY | Absent |
| 39 | 10X17MBA39 | GAGAN Y | Present |
| 40 | 1OX17MBA40 | GIRIPRAKASHA REDDY CR | Present |
| 41 | 1OX17MBA41 | GIRISH YS | Present |
| 42 | 1OX17MBA42 | HARIKUMAR A | Present |
| 43 | 1OX17MBA43 | HARISH KUMAR L | Present |
| 44 | 1OX17MBA44 | HARISH R | Present |
| 45 | 1OX17MBA45 | HEMANTH KUMAR T C | Present |
| 46 | 1OX17MBA46 | HEMAVATHI D | Present |
| 47 | 1OX17MBA47 | HEMIN ABRAHAM | Present |

| 48 | 1OX17MBA48 | JAYASHREE V S | Present |
|----|------------|--------------------|---------|
| 49 | 1OX17MBA49 | JOBIT K SHILAS | Present |
| 50 | 10X17MBA50 | KAJEEM | Absent |
| 51 | 10X17MBA51 | KANDULA KHAJAREDDY | Present |
| 52 | 10X17MBA52 | KARTHICK T | Present |
| 53 | 1OX17MBA53 | KAVYA G | Present |
| 54 | 1OX17MBA54 | KAVYA P O | Present |
| 55 | 1OX17MBA55 | KUSHMA G | Present |
| 56 | 1OX17MBA56 | LAKSHMI M | Present |
| 57 | 1OX17MBA57 | LIKITHA V M | Present |
| 58 | 1OX17MBA58 | NAUREEN SABA N | Absent |
| 59 | 1OX17MBA59 | P ANUPAMA | Present |
| 60 | 10X17MBA60 | SUNIL K PATEL | Present |
| | · | ı | |



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25Website: www.theoxford.edu Email: engprincipal@theoxford.edu

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

List of Students Participated in

WORKSHOP

on

ENTREPRENEURSHIP

Organized by PLANTS ZONE, BANALORE

Date: 29/12/2018 Venue: The Oxford College of Engineering

MBA 3rd Semester B- Section

| S.No | USN | Name | Present/ Absent |
|------|------------|----------------------|-----------------|
| 1 | 10Y17MBA01 | GOKILA GIRI G | Present |
| 2 | 10Y17MBA02 | HEMAVATHI M | Present |
| 3 | 10Y17MBA03 | LOKESH G | Present |
| 4 | 10Y17MBA04 | MADHAVI A | Absent |
| 5 | 10Y17MBA05 | MADHUSUDHAN P | Present |
| 6 | 10Y17MBA06 | MAHAMAD ARSHAD | Present |
| 7 | 10Y17MBA07 | MAMATHA U | Present |
| 8 | 1OY17MBA08 | MANJULA B R | Present |
| 9 | 10Y17MBA09 | MANJUNATH G | Absent |
| 10 | 10Y17MBA10 | MANJUNATHA M | Present |
| 11 | 10Y17MBA11 | MANORANJAN K S | Present |
| 12 | 10Y17MBA12 | MOHAMMAD SAIF | Present |
| 13 | 10Y17MBA13 | MOHAMMED WAJAHATH AS | Present |
| 14 | 10Y17MBA14 | NAGENDRA | Present |
| 15 | 10Y17MBA15 | NAYANA A | Absent |
| 16 | 10Y17MBA16 | NEHA CHANDRA | Present |
| 17 | 10Y17MBA17 | NITHIN KUMARA H D | Present |

| 18 | 10Y17MBA18 | POOJA A | Present |
|----|------------|-------------------------------|---------|
| 19 | 10Y17MBA19 | POOJA M S | Present |
| 20 | 10Y17MBA20 | PRASHATNH B S | Present |
| 21 | 10Y17MBA21 | PRATHAN J L | Present |
| 22 | 10Y17MBA22 | RAJENDRA R | Absent |
| 23 | 10Y17MBA23 | RAJESH KUMAE R | Present |
| 24 | 10Y17MBA24 | RAKESH B K | Present |
| 25 | 10Y17MBA25 | RANJITA RAVIRAJ GADDADAVAR | Present |
| 26 | 10Y17MBA26 | RANJITH B L | Present |
| 27 | 10Y17MBA27 | RANJITHA G | Present |
| 28 | 10Y17MBA28 | RASHMI V N | Present |
| 29 | 10Y17MBA29 | REVANNA M A | Present |
| 30 | 10Y17MBA30 | RIYAZUR REHMAN | Present |
| 31 | 10Y17MBA31 | SANJAY K | Present |
| 32 | 10Y17MBA32 | SANTHOSH MR | Present |
| 33 | 10Y17MBA33 | SATHISH B | Present |
| 34 | 10Y17MBA34 | SATHISH GOWDA T N | Present |
| 35 | 10Y17MBA35 | SEKHAR Y | Present |
| 36 | 1OY17MBA36 | SHAILESH D | Present |
| 37 | 10Y17MBA37 | SHALINI M N | Present |
| 38 | 10Y17MBA38 | SHALINI S | Present |
| 39 | 10Y17MBA39 | SHILPA YADAV G S | Present |
| 40 | 10Y17MBA40 | SHIVARAJKUMAR R | Present |
| 41 | 10Y17MBA41 | SHREYA D RAO | Present |
| 42 | 10Y17MBA42 | SOWMYA K | Present |
| 43 | 10Y17MBA43 | SPOORTHY M | Present |
| 44 | 10Y17MBA44 | SRI LEKHA S | Present |
| 45 | 10Y17MBA45 | SRINATH M | Present |
| 46 | 10Y17MBA46 | SUPRIYA SR | Present |
| 47 | 10Y17MBA47 | SYED WASIM | Present |

| 48 | 10Y17MBA48 | TSENTSUTHUNG MOZHUI | Present |
|----|------------|---------------------|---------|
| 49 | 10Y17MBA49 | UJWALA P SALGUDI | Present |
| 50 | 10Y17MBA50 | UZMA | Present |
| 51 | 10Y17MBA51 | VAISHNAVI H V | Present |
| 52 | 10Y17MBA52 | VANISHREE B K | Present |
| 53 | 10Y17MBA53 | VINUTHA L | Present |
| 54 | 10Y17MBA54 | VISHWAJITH R | Present |

Total number of students present: 101

HOD, Deptt. of HODness Administration The Oxford College of Engineering Bommanahalli, Hosur Road Bangalore 560 968





A REPORT ON

WORKSHOP on ENTREPRENEURSHIP

Organized by PLANTS ZONE, BANALORE

DEPARTMENT OF BUSINESS ADMINISTRATION THE OXFORD COLLEGE OF ENGINEERING

29th December, 2018

A workshop on entrepreneurship was successfully conducted by Mr. Sampath , Plants Zone, Bangalore on 29th December, 2018 in MBA department, The Oxford College of Engineering.



Presentation by Mr. Sampath, Plants Zone, Bangalore

The workshop began with displaying of Slides on the screen and publicity materials. The first session was on the prominence of Skill and Entrepreneurship Development and the participants were communicated about the prospects that they can become Entrepreneurs.



Student talk in workshop

Proper material and demos were given to the participants. A very good feedback was received for the e-content, and the candidates cherished that the content is in local language as well. The entire session proved to be very fruitful for all the candidates.

The next session was titled "Business Plan and Funding", and looked into brief investment requirement for setting up a small business and Credit Linkages available through different Financial Institutions and Banks for those who want to take this step.



Students participation in workshop

This proved to be a very productive session as most participants were eager to become entrepreneurs

Talk about the Marketing Linkages was the last topic for the day, with the details about the Logistics and Admin Management to the candidates.



Students doing exercise in workshop

101 Students from both 1st & 3rd Semester of MBA have participated. There was an encouraging response from all the participants and they found the workshop to be very useful for their future. They were given information about career growth.

> HOD, Deptt. of Business Administration The Oxford College of Engineering Bommanahalli, Hosur Road

Department of Business Administration THE OXFORD COLLEGE OF ENGINEERING



Hosur Road, Bommanahalli, Bengaluru-560 068

25Website: www.theoxford.edu Email: engprincipal@theoxford.edu

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

04-02-2019

CIRCULAR

Dear all MBA students, there will be a Workshop on "research Paper writing & Publishing" organizing by COMBINED GROUP OF SCIENCE AND TECHNOLOGY, BANGALORE in association with department of MBA. The details are as follows:

Date: 7th February, 2019

Venue: Seminar hall, 6th floor, The Oxford College of Engineering

Resource Person: Dr. Anuradha, Combined Group of Science & Technology, Bangalore.

All are informed to participate.

45.54474

The Oxford College of Engineering Bommanahalli, Hosur Road Bannalore 560 968



Hosur Road, Bommanahalli, Bengaluru-560 068 25Website: www.theoxford.edu Email : engprincipal@theoxford.edu

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List of Students Participated in

WORKSHOP

on

RESEAHC PAPER WRITING & PUBLISHING

Organized by

COMBINED GROUP OF SCIENCE & TECHNOLOGY, BANALORE

Date: 07/02/2019 Venue: The Oxford College of Engineering

MBA 3rd Semester A- Section

| S.No | USN | Name | Present / Absent |
|------|------------|-----------------------|------------------|
| 1 | 10X17MBA01 | ABHILASH SN | Present |
| 2 | 10X17MBA02 | ABHILASH V S | Present |
| 3 | 1OX17MBA03 | ABHISHEK V | Present |
| 4 | 1OX17MBA04 | ABISHEK REDDY B | Present |
| 5 | 1OX17MBA05 | ADARSHA B N | Absent |
| 6 | 1OX17MBA06 | AHINSHAD C | Present |
| 7 | 1OX17MBA07 | AJAY KUMAR P | Absent |
| 8 | 1OX17MBA08 | AKHILESH P | Present |
| 9 | 10X17MBA09 | AKSHAY PRAKASH TANDEL | Present |
| 10 | 10X17MBA10 | AMEENA SADAF | Present |
| 11 | 1OX17MBA11 | ANIL KUMAR M | Present |
| 12 | 1OX17MBA12 | ANIL N | Absent |
| 13 | 1OX17MBA13 | ANILKUMAR B T | Present |
| 14 | 1OX17MBA14 | ANN SUMAN JOSHI | Absent |
| 15 | 1OX17MBA15 | ANUSHA N | Present |
| 16 | 1OX17MBA16 | APOORVA K G | Present |
| 17 | 1OX17MBA17 | ARAVIND J A | Present |

| 18 | 1OX17MBA18 | ARJUN PRADEEP K P | Present |
|----|------------|-----------------------|---------|
| 19 | 10X17MBA19 | ASHARANI R | Present |
| 20 | 10X17MBA20 | ASHWINI H G | Present |
| 21 | 1OX17MBA21 | ASITHA SK | Present |
| 22 | 1OX17MBA22 | ATISH | Present |
| 23 | 1OX17MBA23 | BHARATH M U | Present |
| 24 | 1OX17MBA24 | BHARGAV YADAV NR | Present |
| 25 | 1OX17MBA25 | BHAVYA SHREE D S | Present |
| 26 | 1OX17MBA26 | BINDHUSHRI M | Present |
| 27 | 1OX17MBA27 | BINDU R | Present |
| 28 | 1OX17MBA28 | C LIKITHA | Present |
| 29 | 10X17MBA29 | CHANDINI N | Present |
| 30 | 10X17MBA30 | CHIRASYA M U | Present |
| 31 | 10X17MBA31 | DEBDEEP SINGHA ROY | Absent |
| 32 | 1OX17MBA32 | DEEPIKA NAIK | Present |
| 33 | 1OX17MBA33 | DHANUSH K M | Present |
| 34 | 10X17MBA34 | DILEEP D M | Present |
| 35 | 1OX17MBA35 | DILEEP KUMAR J | Present |
| 36 | 1OX17MBA36 | DIVYA D | Present |
| 37 | 10X17MBA37 | DURGA PRASAD R | Present |
| 38 | 1OX17MBA38 | G GURU PRASAD REDDY | Present |
| 39 | 1OX17MBA39 | GAGAN Y | Present |
| 40 | 1OX17MBA40 | GIRIPRAKASHA REDDY CR | Present |
| 41 | 1OX17MBA41 | GIRISH YS | Present |
| 42 | 1OX17MBA42 | HARIKUMAR A | Present |
| 43 | 1OX17MBA43 | HARISH KUMAR L | Present |
| 44 | 1OX17MBA44 | HARISH R | Present |
| 45 | 10X17MBA45 | HEMANTH KUMAR T C | Present |
| 46 | 1OX17MBA46 | HEMAVATHI D | Present |
| 47 | 1OX17MBA47 | HEMIN ABRAHAM | Present |

| 48 | 1OX17MBA48 | JAYASHREE V S | Absent |
|----|------------|--------------------|---------|
| 49 | 1OX17MBA49 | JOBIT K SHILAS | Present |
| 50 | 10X17MBA50 | KAJEEM | Present |
| 51 | 10X17MBA51 | KANDULA KHAJAREDDY | Present |
| 52 | 10X17MBA52 | KARTHICK T | Present |
| 53 | 1OX17MBA53 | KAVYA G | Present |
| 54 | 1OX17MBA54 | KAVYA P O | Absent |
| 55 | 1OX17MBA55 | KUSHMA G | Present |
| 56 | 1OX17MBA56 | LAKSHMI M | Present |
| 57 | 1OX17MBA57 | LIKITHA V M | Present |
| 58 | 1OX17MBA58 | NAUREEN SABA N | Present |
| 59 | 1OX17MBA59 | P ANUPAMA | Present |
| 60 | 10X17MBA60 | SUNIL K PATEL | Present |
| | · | I . | 1 |



Hosur Road, Bommanahalli, Bengaluru-560 068 25Website: www.theoxford.edu Email: engprincipal@theoxford.edu

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List of Students Participated in List of Students Participated in

WORKSHOP

on

RESEAHC PAPER WRITING & PUBLISHING

Organized by

COMBINED GROUP OF SCIENCE & TECHNOLOGY, BANALORE

Date: 07/02/2019 Venue: The Oxford College of Engineering

MBA 3rd Semester B- Section

| S.No | USN | Name | Present / Absent |
|------|------------|----------------------|------------------|
| 1 | 10Y17MBA01 | GOKILA GIRI G | Present |
| 2 | 10Y17MBA02 | HEMAVATHI M | Present |
| 3 | 10Y17MBA03 | LOKESH G | Present |
| 4 | 10Y17MBA04 | MADHAVI A | Present |
| 5 | 10Y17MBA05 | MADHUSUDHAN P | Present |
| 6 | 10Y17MBA06 | MAHAMAD ARSHAD | Present |
| 7 | 10Y17MBA07 | MAMATHA U | Absent |
| 8 | 10Y17MBA08 | MANJULA B R | Present |
| 9 | 10Y17MBA09 | MANJUNATH G | Present |
| 10 | 10Y17MBA10 | MANJUNATHA M | Present |
| 11 | 10Y17MBA11 | MANORANJAN K S | Present |
| 12 | 10Y17MBA12 | MOHAMMAD SAIF | Absent |
| 13 | 10Y17MBA13 | MOHAMMED WAJAHATH AS | Present |
| 14 | 10Y17MBA14 | NAGENDRA | Present |
| 15 | 10Y17MBA15 | NAYANA A | Absent |
| 16 | 10Y17MBA16 | NEHA CHANDRA | Present |

| 17 | 10Y17MBA17 | NITHIN KUMARA H D | Present |
|----|------------|-------------------------------|---------|
| 18 | 10Y17MBA18 | POOJA A | Present |
| 19 | 10Y17MBA19 | POOJA M S | Present |
| 20 | 10Y17MBA20 | PRASHATNH B S | Present |
| 21 | 10Y17MBA21 | PRATHAN J L | Present |
| 22 | 10Y17MBA22 | RAJENDRA R | Present |
| 23 | 10Y17MBA23 | RAJESH KUMAE R | Present |
| 24 | 10Y17MBA24 | RAKESH B K | Present |
| 25 | 10Y17MBA25 | RANJITA RAVIRAJ GADDADAVAR | Present |
| 26 | 10Y17MBA26 | RANJITH B L | Present |
| 27 | 10Y17MBA27 | RANJITHA G | Present |
| 28 | 10Y17MBA28 | RASHMI V N | Absent |
| 29 | 10Y17MBA29 | REVANNA M A | Present |
| 30 | 10Y17MBA30 | RIYAZUR REHMAN | Present |
| 31 | 10Y17MBA31 | SANJAY K | Present |
| 32 | 10Y17MBA32 | SANTHOSH MR | Present |
| 33 | 10Y17MBA33 | SATHISH B | Present |
| 34 | 10Y17MBA34 | SATHISH GOWDA T N | Present |
| 35 | 10Y17MBA35 | SEKHAR Y | Present |
| 36 | 10Y17MBA36 | SHAILESH D | Present |
| 37 | 10Y17MBA37 | SHALINI M N | Absent |
| 38 | 10Y17MBA38 | SHALINI S | Present |
| 39 | 10Y17MBA39 | SHILPA YADAV G S | Present |
| 40 | 10Y17MBA40 | SHIVARAJKUMAR R | Present |
| 41 | 10Y17MBA41 | SHREYA D RAO | Absent |
| 42 | 10Y17MBA42 | SOWMYA K | Present |
| 43 | 10Y17MBA43 | SPOORTHY M | Present |
| 44 | 10Y17MBA44 | SRI LEKHA S | Present |
| 45 | 10Y17MBA45 | SRINATH M | Present |
| 46 | 10Y17MBA46 | SUPRIYA SR | Present |

| 47 | 10Y17MBA47 | SYED WASIM | Present |
|----|------------|---------------------|---------|
| 48 | 10Y17MBA48 | TSENTSUTHUNG MOZHUI | Absent |
| 49 | 10Y17MBA49 | UJWALA P SALGUDI | Present |
| 50 | 10Y17MBA50 | UZMA | Present |
| 51 | 10Y17MBA51 | VAISHNAVI H V | Present |
| 52 | 10Y17MBA52 | VANISHREE B K | Absent |
| 53 | 10Y17MBA53 | VINUTHA L | Present |
| 54 | 10Y17MBA54 | VISHWAJITH R | Present |



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WORKSHOP

on

RESEAHC PAPER WRITING & PUBLISHING

Organized by

COMBINED GROUP OF SCIENCE & TECHNOLOGY, BANALORE

Date: 07/02/2019 Venue: The Oxford College of Engineering

MBA 1st Semester B- Section

| S.No | USN | Name | Present / Absent |
|------|------------|-----------------------|------------------|
| 1 | 10Y18MBA01 | ABDUL KHADER K | Present |
| 2 | 10Y18MBA02 | ABHISHEK D M | Absent |
| 3 | 10Y18MBA03 | ABHISHEK S | Present |
| 4 | 10Y18MBA04 | ANILKUMAR G | Present |
| 5 | 10Y18MBA05 | ANNAPURNA B S | Present |
| 6 | 10Y18MBA06 | ANURAG G R | Present |
| 7 | 10Y18MBA07 | APOORVA V | Present |
| 8 | 1OY18MBA08 | ASHRITHA G N | Absent |
| 9 | 10Y18MBA09 | ASHWINI K L | Present |
| 10 | 10Y18MBA10 | BHARATH H N | Present |
| 11 | 10Y18MBA11 | DECHAKKA K U | Present |
| 12 | 10Y18MBA12 | DIVYA MASIMADE | Absent |
| 13 | 10Y18MBA13 | HARSHA VARDHAN M | Present |
| 14 | 10Y18MBA14 | HARSHAVARDHAN REDDY L | Present |
| 15 | 10Y18MBA15 | HUSNA TAHEREEM | Present |
| 16 | 10Y18MBA16 | JAGADISH CHANDRA R | Present |

| 10Y18MBA17 | K K SHRUTHI | Present |
|------------|--|--|
| 1OY18MBA18 | KARTHIK S T | Present |
| 10Y18MBA19 | KAVYASHREE | Present |
| 10Y18MBA20 | KENCHAPPA E R | Absent |
| 10Y18MBA21 | KIRAN RAJ P | Present |
| 10Y18MBA22 | LAKSHMI A | Present |
| 10Y18MBA23 | M ARCHANA | Present |
| 10Y18MBA24 | M MANOJ KUMAR | Present |
| 10Y18MBA25 | MAITHRI N C | Absent |
| 10Y18MBA26 | MALAGERI KRISHNA KARTHIK MANIKANTA | Present |
| 10Y18MBA27 | MANISHA J P | Present |
| 1OY18MBA28 | MANOJ D | Present |
| 10Y18MBA29 | MANOJ KUMAR A | Present |
| 10Y18MBA30 | MEGHANA S | Present |
| 10Y18MBA31 | MOHAMMED UZAIF | Present |
| 10Y18MBA32 | MUNIKUMAR G | Absent |
| 10Y18MBA33 | NAGABHUSHANA D R | Present |
| 10Y18MBA34 | NAVYA H J | Present |
| 10Y18MBA35 | NIVEDHA N | Present |
| 10Y18MBA36 | PAVAN KUMAR B R | Present |
| 10Y18MBA37 | PRAVEEN KUMAR R | Present |
| 10Y18MBA38 | PREETHI K | Present |
| 10Y18MBA39 | RAMYA B K | Present |
| 10Y18MBA40 | RAMYA N S | Absent |
| 10Y18MBA41 | RAMYA R SHETTY | Present |
| 10Y18MBA42 | RUBINA ANJUM | Present |
| 10Y18MBA43 | SAMREEN KHUTEJA | Present |
| 10Y18MBA44 | SHARATH T | Present |
| 10Y18MBA45 | SHIJO JOY | Present |
| 10Y18MBA46 | SHIVRAJ | Absent |
| | 10Y18MBA18 10Y18MBA20 10Y18MBA21 10Y18MBA22 10Y18MBA23 10Y18MBA24 10Y18MBA25 10Y18MBA25 10Y18MBA26 10Y18MBA27 10Y18MBA28 10Y18MBA29 10Y18MBA30 10Y18MBA31 10Y18MBA31 10Y18MBA31 10Y18MBA33 10Y18MBA33 10Y18MBA35 10Y18MBA36 10Y18MBA36 10Y18MBA37 10Y18MBA36 10Y18MBA37 10Y18MBA36 10Y18MBA37 10Y18MBA36 10Y18MBA36 10Y18MBA36 10Y18MBA37 10Y18MBA36 10Y18MBA39 10Y18MBA40 10Y18MBA40 10Y18MBA41 | 10Y18MBA19 KAVYASHREE 10Y18MBA20 KENCHAPPA E R 10Y18MBA21 KIRAN RAJ P 10Y18MBA22 LAKSHMI A 10Y18MBA23 M ARCHANA 10Y18MBA24 M MANOJ KUMAR 10Y18MBA25 MAITHRI N C 10Y18MBA26 MALAGERI KRISHNA KARTHIK MANIKANTA 10Y18MBA27 MANISHA J P 10Y18MBA28 MANOJ D 10Y18MBA29 MANOJ KUMAR A 10Y18MBA30 MEGHANA S 10Y18MBA31 MOHAMMED UZAIF 10Y18MBA32 MUNIKUMAR G 10Y18MBA33 NAGABHUSHANA D R 10Y18MBA34 NAVYA H J 10Y18MBA35 NIVEDHA N 10Y18MBA36 PAVAN KUMAR B R 10Y18MBA37 PRAVEEN KUMAR R 10Y18MBA38 PREETHI K 10Y18MBA40 RAMYA B K 10Y18MBA41 RAMYA R SHETTY 10Y18MBA42 RUBINA ANJUM 10Y18MBA44 SHARATH T 10Y18MBA45 SHIJO JOY |

| 47 | 10Y18MBA47 | SHIVARAJ K | Present |
|----|------------|-----------------------|---------|
| 48 | 10Y18MBA48 | SHRADDHA | Present |
| 49 | 10Y18MBA49 | SRINIDHIS | Present |
| 50 | 10Y18MBA50 | SUNI KUMAR SRIVASTAVA | Absent |
| 51 | 10Y18MBA51 | SUNIL K N | Present |
| 52 | 10Y18MBA52 | SYED JAFFER HUSSAIN | Present |
| 53 | 10Y18MBA53 | VENKATESH G | Present |
| 54 | 10Y18MBA54 | VIGNESH S S | Present |
| 55 | 10Y18MBA55 | VINCY PAUL F | Present |
| 56 | 10Y18MBA56 | YAMUNA K C | Present |
| 57 | 10Y18MBA57 | YOGESH GOWDA S | Present |

Total number of students present: 147

Iron, Septi. of Business Administration
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore - 560 068





A REPORT ON

WORKSHOP on RESEAHC PAPER WRITING & PUBLISHING

Organized by COMBINED GROUP OF SCIENCE & TECHNOLOGY, BANGALORE

DEPARTMENT OF BUSINESS ADMINISTRATION THE OXFORD COLLEGE OF ENGINEERING

7th February, 2019

Writing a seminar paper can be quite challenging, especially when you are doing it for the first time. However, it is not as hard as it seems and today we will teach you how to write seminar paper. All you need is time and effort!

A workshop on "RESEARCH PAPER WRITING & PUBLISHING" was successfully conducted by Dr. Anuradha, Combined Group of Science & Technology, Bangalore on 7th February, 2019 in MBA department, The Oxford College of Engineering.



Presentation by Dr. Anuradha

Introducing the implication of research she introduced various techniques of conducting a research.



Students participation in Workshop

She explained what a research design is and discussed its divisions in the form of Descriptive, Exploratory and Experimental Research Designs. The whole 'Research Process' was deliberated along with its elements like description of the problem; Designing of the approach to the problem and then formulation of a Research Design. She elucidated the components of each research design with clear details regarding gathering of primary or secondary data; Designing a Questionnaire and choosing of a sample. She also illuminated the idea of Literature review which is one of the most vigorous parts of the research attempt.

The workshop consisted of both theory and applied knowledge. She evidently conveyed to the students on how to write the format that must be followed in citing a book, journal, article, websites, case studies, reports, international & national documents and periodicals, single author to many others through APA style and other style



Student Participation in Workshop

147 Students from both 2nd & 4th Semester of MBA have participated. There was an encouraging response from all the participants and they found the workshop to be very useful for their future. They were given information about career growth.

HOD, Deptt. of Blothess Administration
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bommanahalli, Hosur Road



The Oxford College of Engineering

Department of MCA

CIRCULAR

This is to inform that All the students of MCA Final Year must attend Project Internship Guidance Training Session conducted by Mr. Vikash Kumar from M/s. Technizz on 20th December 2018

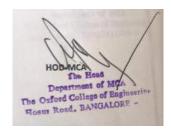
Venue : 6th Floor MCA Seminar hall

Speaker: Mr. Vimal Kumar, Project Manager

Date and Time: 20 December 2018 [10:30-12:15 PM]

Copy to:

- 1. Principal
- 2. Principal Office
- 3. Dept File





The Oxford College of Engineering Department of MCA

Talk on Final Year Project Internship Guidance

Name of the Guest Speaker : Mr. Vimal $\,$ Kumar , Project Manager $\,$

Title: Applications of iOs and Windows Phone with its usability

Date & Time: 20 December 2018 [10:30-12:15 PM]

Class and semester: 4th Sem Section: A



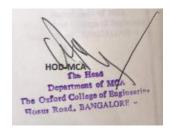
Final Year Students during Session

| Sl. No | USN | Name of the student | Signature |
|-----------|------------|-----------------------|-----------|
| 1 | 10Z16MCA82 | MOHAMMED BILAL YASEEN | Р |
| 2 | 10Z16MCA83 | N SRINIVAS BABU | Р |
| 3 | 10Z16MCA84 | NAVITHA V | P |

| 4 | 10Z16MCA85 | NAYANA S | Р |
|----|------------|---------------------|---|
| 5 | 10Z15MCA78 | EMIL JAQUIN | Р |
| 6 | 10Y16MCA88 | SUMANA N SHETTY | Р |
| 7 | 10Z16MCA86 | PREETESH B PATEL | Р |
| 8 | 10Z16MCA87 | RAMESHWAR DUBEY | Р |
| 9 | 10Z16MCA88 | RUDRESH A | Р |
| 10 | 10Z16MCA91 | SUBHA SANKAR SARKAR | Р |
| 11 | 10Z16MCA92 | SUJIT N NAIR | Р |
| 12 | 10Z16MCA93 | UJJAWAL YADAV | Р |
| 13 | 10Z16MCA95 | VORA PARTH | Р |
| 14 | 10Z16MCA96 | VORA SAGAR | Р |
| 15 | 10Z15MCA83 | RAJIB KUMAR DAS | Р |

Outcome:

- They have understand the requirements of Industry
 Given Technology highlights that is useful for project



HOD-MCA



Children's Education Society® The Oxford College of Engineering Department of Civil Engineering

Hosur Main Road, Bommanahalli, Bengaluru – 560068

Website: <u>WWW.theoxford.edu</u>, Email: theoxfordcivil@gmail.com (Approved by AICTE, New Delhi & Affiliated to VTU, Belgaum)

Date - 05-JANUARY-2019

CIRCULAR

This is to inform all the faculty members and students of 5th semester BE that there will be a an event of visit to construction site at Vittal Mallya road, Bangalore will be held on 23 January of 2019. The classes of 23 January 2019 will be rescheduled conviniently.

Faculty Coordinators:

- 1. Dr. Malleshaiah T.S
- 2. Mr. Shivanand C.G
- 3. Mr. Mahesh Kumar.S
- 4. Ms. Kavya S.K
- 5. Mrs. Kanchan Gouri

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



Children's Education Society®

The Oxford College of Engineering Department of Civil Engineering

Hosur Main Road, Bommanahalli, Bengaluru - 560068

Website: www.theoxford.edu, Email: theoxfordcivil@gmail.com (Approved by AICTE, New Delhi & Affiliated to VTU, Belgaum)

Date-23-January-2019

STUDENTS ATTENDANCE

| Sl.No. | Semester | USN | Name |
|--------|----------|-----------------|---------------------|
| 1 | 5 | 10x170032 | Pavansh.s. |
| 2 | 5 | 10×17(UO21 | Jayanth.L. |
| 3 | 5 | 10X17(UDD1 | Abhistre R.B. |
| 4 | 5 | 10X17CV055 | Swetha.P. |
| 5 | 5 | 10x17cv045 | Stt Divya. |
| 6 | 5 | 10x17(0018 | Gouthami.V. |
| 7 | 5 | 10×17-CV008 | Hemanth. |
| 8 | 5 | 10×17(V017 | Deepika. |
| 9 | 5 | IDXI7CUD34 | Prashanth.m.A. |
| 10 | 5 | 10×170019 | Gurubasava |
| 11 | 5 | 10×17(V006 | Akarsh.T. |
| 12 | 5 | 10×17CV035 | Pouthi.S. |
| 13 | 5 | 10×18CV411 | Diuya V. P. |
| 14 | 5 | 10×17(0010 | Borbyreddy K.J. |
| 15 | 5 | 10X17(V012 | chandan B.L. |
| 16 | 5 | 10x17(U019 | Narendra M. |
| 17 | 5 | 10×18(V40) | Ajaykumor Doddamani |
| 18 | 5 | 10×170046 | Sajid Hussain M. |
| 19 | 5 | 10×17 0 0 0 26 | Junaid Hussain. |
| 20 | 5 | 10×17-0002 | Abid Hamord Bhat. |
| 21 | 5 | 10×17 (VOL) 2 | Rayces Ahmad |
| 22 | 5 | 10×1811407 | Chawan Vikas |
| 23 | 5- | 10×1800434 | Shakub Shareek |
| 24 | 5 | 10x12(U409) | Phierraj KM. |
| 25 | 5 | 10X18(V417 | manjunoth.f.H. |
| 26 | 5 | 10 X 18 CV 4 23 | Nitelin K.M. |
| 27 | 5 | LOX18CV424 | Vasanth Maik |
| 28 | 5 | 10V18CV441 | Vasanth Naik |
| 29 | 5 | 10×1800439 | Thibak Phani |
| 30 | - | 10×15(V118 | Asim Jagdin |
| 31 | - | 10×16(V063 | Sadam Hussain W. |
| 32 | _ | 10×17(V053 | Supriya M.P. |
| 33 | -> | 10×18CV435 | Sharath kumar. M |
| 34 | | 10×1714047 | Shorlini sharma. |
| 35 | | 10X17-CV039 | Rakshi thort. N. |
| | 5 | 101170039 | Procosthi. K. |
| 36 | 5 | 10×18CV427 | uniegh. |
| 37 · | _5_ | 10X18CV440 | |
| 38 | 5 | 10× 180425 | Parashurama. P. |
| 39 | 5 | 10x17(V057 | Thasmya Hadimani. |
| 40 | 5 | 10x17cu059 | Varshini B.M. |
| 41 | 5 | 10X18CU429 | Rakeh |
| 42 | 5 | 10x 18CV 2130 | Raketh; H.R. |
| 43 | 5 | 10X18CV 428 | Prathoup. U. |



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| 44 | 5 TOXISCULIST | SathinsNair |
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| 45 | 5 LOXITCUOUD | Rangasuamy R. |
| 46 | 10x17(vos 1 | Suhal Odyna |
| 47 | 10x17-LUDUS | Shagliank Bs. |
| 48 | 10x17(V#58 | Vaishall G.B. |
| 49 5 | 10X17(UDS LI | Sushma.G. |
| 50 | LOXISCULIS | Manai C. Y. |
| 51 4 | 10 x 1800405 | Chandrashikar. |
| 52 3 | 70VISCUU26 | Pauan. S. |

FACULTY ATTENDANCE

| SL No. | FACULTY NAME | DESIGNATION |
|-----------|-----------------------|---------------------|
| 1 | Dr. Amarnath B. | Professor & Directo |
| 2 | Dr. Mallishaiah. T.S. | Prof Stread. |
| 3 | Thivanand C.G. | Aslt. Prof. |
| 4 | Mahush kumanis. | Asct Prof. |
| 5 | Abhisheka:1. | Asy. Prof. |
| 6 | 50wmya A A | Asst. Prof. |
| 7 | Ramyd A.V. | Asd-Prof. |
| 8 | Shradha J | Asst. Prof. |

Head of the Department
Department of Civil Engineering
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ACTIVITY REPORT

Date - 23 January 2019

The Event of Visit to Construction site was conducted under the MOU of Skyscraper and Department Of Civil Engineering, The Oxford College of Engineering. This event provided a great knowledge about the practices that are adopted in the construction sites during the construction. The 5th semester students were accompanied by few faculty members on this occasion.

HOD - CIVILLENGINEERING

Head of the Department
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Date - 12-April-2019

CIRCULAR

This is to inform all the faculty members and students of BE 3rd Semester, 5th semester and 7th semester BE there will be a guest lecture on "A guest lecture on Importance of Higher Education in Engineering Or Education Curriculum in India" on 30 April 2019 in seminar Hall at 2nd floor new building. The speaker is: Dr. Karthikeyan.

Faculty Coordinators:

- 1. Dr. Malleshaiah T.S
- 2. Mr. Mahesh Kumar S
- 3. Ms. Harsha S B
- 4. Ms.Kavya S K

HARD Givin Epagineering
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The Oxford College of Engineering
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Date-12-April-2019

STUDENTS ATTENDANCE

| Sl.No. | Semester | USN | Name |
|--------|----------|-----------------|---|
| 1 | 8 | (0x 152V10) | TEJASS.R. |
| 2 | 8 | 10XISCUDZI | Pinish |
| 3 | 8 | IOX 15 CVOEQ | Pramukh |
| 4 | 8 | 10X15(V 071 | Periyanka. |
| 5 | 8 | 10×15 (VO48 | Lavanya |
| 6 | 8 | 10x1500018 | Doebika.s. |
| 7 | 8 | 10K15(VOZ6 | Harshitha. R. |
| 8 | 8 | 10XISCU DIS | c Sushma. |
| 9 | 9 | 10x151V028 | |
| 10 | 9 | LOXISCUOS | Inchara.v.R. |
| 11 | 8 | 10X151U 075 | Pauan-B.J. |
| 12 | 9 | 10×1500038 | Rajashekar |
| 13 | 0 | | Kauita |
| 14 | 6 | 10×16(U 404 | De epa. Varalakshni |
| 15 | 6 | 10× 17(U445 | varavokemi |
| 16 | Б | 10 × 16 (V 087 | una Bharati |
| 17 | 6 | 10× 16 CU 012 | Anita. V. R. |
| 18 | 6 | 10×16 00015 | Ashulini R. |
| 19 | 6 | 10×16(V002 | Abhishit |
| 20 | 6 | 10×16CV 025 | Ligith |
| 21 | 6 | 10 x 16 CV 0 13 | Annavalas |
| 22 | 6 | 10×16(VD14 | Pivyashree Anugraha Apporva Polit |
| 23 | 6 | 10 X16CV 027 | Ocerta |
| 24 | 6 | 10x16(V019 | charan |
| 25 | 6 | 10X16CV026 | Nandokumar. |
| 26 | e | 1021600075 | Thurbu.T |
| 27 | 6 | 101160086 | zain |
| 28 | 6 | 10×16(V053 | Pauitra |
| 29 | 6 | 10×16CV 421 | Vashwarth. |
| 30 | 4 | 10 x 17 (VOOR | Hemanth |
| 31 | 4 | 10×170017 | Derhika |
| 32 | 4 | 10×1740034 | Praghanth |
| 33 | 4 | 10x17cv035 | Preethi |
| 34 | 4 | 10×17(U032 | Pauanesh |
| 35 | 4 | 10×17(U019 | Gun basava. |
| 36 | 4 | 10x17610010 | Bahureddy. K. J. |

Head of the Department
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FACULTY ATTENDANCE

| SI. | FACULTY NAME | DESIGNATION |
|-----|-------------------------|----------------------|
| No. | | 12.000 0 2 2 A |
| 1 | Pr. Malleshaiah. 7-5. | 1 VOLENO. |
| 2 | Shiwanand. C.G. | Asit Prot. |
| 3 | mahud kunar.s. | Deet Orah |
| 4 | mruth-k | noe Drol |
| 5 | Reshma. H.K | Asch. Dool |
| 6 | Abhrefiela. F | Aut. Prof. |
| 7 | - Amrutha. M. | Aget Prot |
| 8 | Prashanth Hathwar. T.S. | Acit Prof. |
| 9 | Kavya. S. K | Dect - Prol |
| 10 | Knthika.M. | - Frysking - Company |

Head of the Department
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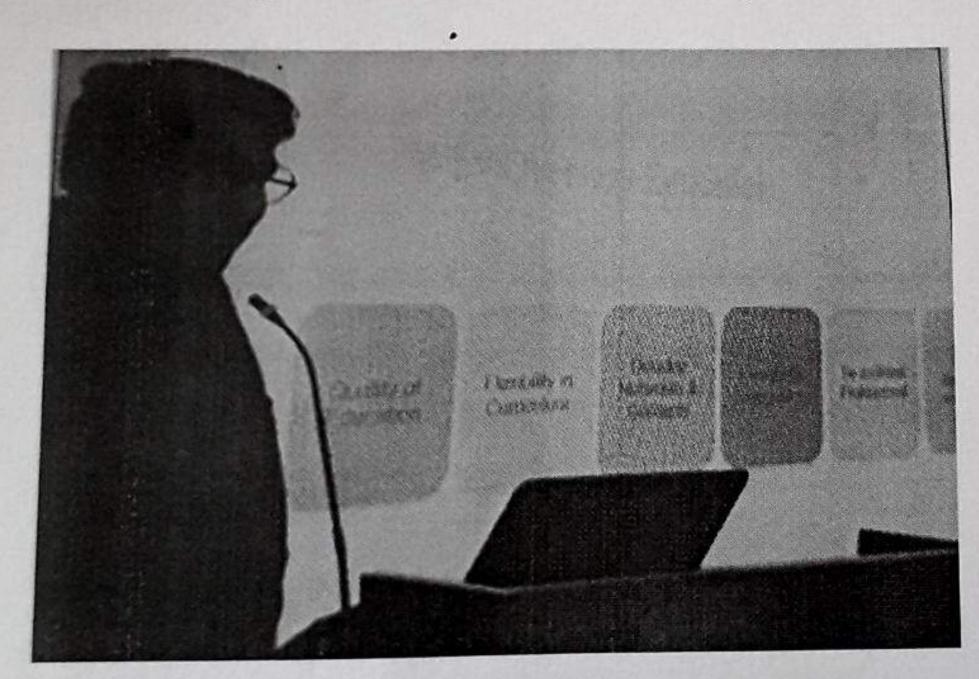
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ACTIVITY REPORT

Date - 20 April 2019

The Memorandum of Understanding between Best Engineering Construction and Department Of Civil Engineering, The Oxford College of Engineering, provided an opportunity for us to conduct a guest lecture on the topic "A guest lecture on Importance of Higher Education in Engineering Or Education Curriculum in India was held on 30th April 2019". The resource person was Mr. Karthikeyan.



HOD - CIVIL ENGINEERING

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CERTIFICATE

Certified that the Project entitled "IOT Based Energy Monitoring System" has been carried out by Afreen M(1OX15CS004), Israa Bint Rahman Salman(1OX15CS039), Manu(10X15CS053), Megha Agarwal(10X15CS055), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Assistant Professor

Dr. E Sarav

H.154D, Openartment of CSE
THE DEPARTMENT
THE OF COMPUTER SOURCE ENT OF COMPUTER SCIENCE AND ENGINEERING

. Pravedna Gowda

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

Name of the Examiners

Saravana Cumar

Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the Project entitled "Smart Irrigation System with Disease Detection Analysis" has been carried out by Anurag V(10X15CS013), Anvitha J Shetty(10X15CS014), Brundha T R(10X15CS020), Nagarjun M(10X15CS059), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Dr.E Sarayana Kumar

Project Guide

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'. Prav<mark>ec</mark>na Gowda

Dr. R. P. MRINEFING GOWDA PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Stord College of Engineering
THE OXFORD COLLEGE OF ENGINEERING Roommanahalli, Hosur Road Bommanahalli, Hosur Road Bennalury 550 06%

Execute Invised 068

Name of the Examiners

or. E. Soverondlumar

Hosur Road, Bommanahalli, Bengaluru-560 068 (Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi)



CERTIFICATE

Certified that the project work entitled "HELMET MUST BIKE" carried out by Anupriya A (10X15CS012), Fouziya Banu D (10X15CS029), Kirankumar G (10X15CS049), Prajwala R (10X15CS129) 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 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Project Guide

The Oxfort ficinal TOOK incering DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Bommanahalli, Hosur Road Bengaluru-560 068.

THE OXFORD COLLEGE OF ENGINEERING

External Viva

Name of the Examiners

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THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the project work entitled "MINIMIZING ELECTRICITY THEFT BY USING IOT" carried out by CHANDAN NAIK (10X15CS022), MARUTHI B(10X16CS407), GAGAN S R(10X16CS04), NISHA J(10X15CS065), bonafied 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 2018-2019. The final project report has been approved as it satisfies the academic requirements in report of project work prescribed for the said degree.

Mrs.Tintu Thampi

Project Guide

Dr. E. Saravana Kumar

H.O.D,Dept. of CSE

Dr.R.V Praveena Gowda

Principal, TOCE

External Viva

The Oxford Cottage of Engineering Bommenabellt, i fosur Road Bengalum-560 068.

PRINCIPAL,

DE R.V. PRAVEENA GOWDA

Name of the Examiners

Signature with Date

1. Dr. E Saravana Kumor

2. ASSESSED R

16/17



Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the Project entitled "Rainfall prediction using machine learning techniques" has been carried outby Chethan k(10X15CS025), Genupula Mahesh Reddy(10X15CS031), Monish L(10X15CS058), Namitha A(10X15CS060), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Ms. Seema Patil

Associate Professor

THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Name of the Examiners

Dr. E. Sarovane Kungy

Bommanahalli, Hosur Road, Bangalore-560068

(Affiliated to Visvesvaraya Technological University, Belgaum)

Department of Computer Science and Engineering



CERTIFICATE

Certified that the Project work entitled "IOT BASED SMART PARKING SYSTEM" has been carried out by Disha E (10X15CS027), Gowrishree H L (1OX15CS032), J Sonika (1OX15CS040) and Zaid Moosaraza (1OX15CS126) bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. 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**

HEAD OF PHEODEPAR FINENT

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

BENGALURU - 560 068

Praveena Gowda A The Oxford College of Engineering

Bengaluru-560 068.

External Viva

Name of the examiners Signature with date

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the project work entitled "AUTONOMOUS AMBULANCE MODEL" carried out by HARISH H (10X15CS035), JENZ JOHN SIMON (10X15CS043), MANU K V(10X15CS127), JAGADEESH VISHAL K (10X15CS128) bonafied 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 2018-2019. The Mini project report has been approved as it satisfies the academic requirements in report of project work prescribed for the said degree.

Mr.Senthil Kumar

Project Guide

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Dr. R.V. PRAVEENA GOWDA

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560 068

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Praveena Gowda

Principal, TOCE

PRINCIPAL

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

Name of the Examiners



Hosur Road, Bommanahalli, Bangalore-560068

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CERTIFICATE

Certified that the Project entitled "DENSITY BASED TRAFFIC SIGNAL OPTIMIZATION USING IMAGE PROCESSING" has been carried out by Aiahvaryaa Lakshmi (10X15CS005), Anagha PV(10X15CS009), Apoorva MR (10X15CS015), Joseph Noel Vinodh (10X15CS044), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Prof.Sushma G

Associate Professor

Dr. E Saravana Kumar

HEAD IN POPULE DEPARTMENT

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TOLLECE OF ENGINEERING External Viva

Dr. R.V Praveena Gowda

Dr. Principal, TOCE Dr. PRAVEENA GOWDA PRINCIPAL

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

Name of the Examiners

Dr. E. Sargvang (Cumar



Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the project entitled "HUMAN PROTEIN CLASSIFICATION" carried out by AMAN KUMAR PANDEY (10X15CS008), ANIKET KUMAR SINGH (10X15CS010), KALI KIRAN KUMAR K (10X15CS047) and MANEESH KUMAR V (10X15CS052) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

Prof. Latha

Project Guide

H.O.D. DEPL OF SHENT

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING OXFORD C THE OXFORD COLLEGE OF ENGINEERING
BENEXIER PRODUCTS

Principal Tock Bommanahalli, Hosur Road

Bengaluru-560 068.

Name of the Examiners

1. Dr. E. Saravana Cumar



Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the project entitled "REAL TIME HAND GESTURE RECOGNITION INTERACTION SYSTEM USING OPENCY" **HUMAN COMPUTER** AND by AJAY MOURYA (10X15CS006), HEENA KOUSER (10X15CS036), carried HIRPARA DIVYANG VINUBHAI (10X15CS038) and JAYKUMAR SAVANI (10X15CS042) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project

Ms. J. Jesy Project Guide

work.

HHEAD OP THE DEPARTMENT

Principal, TOCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING College of Engineering THE OXFORD COLLEGE OF ENGINEERING Sommanahalli, Hosur Road

Historical Minn

Bengaluru-560 068.

Name of the Examiners



Hosur Road, Bommanahalli, Bangalore-560068

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



CERTIFICATE

Certified that the Project entitled "Automatic Pet Feeding and Monitoring System Using IOT" has been carried out by Akshatha S V (10X16CS400), Chaithra T C (10X16CS402), Kavya V P(10X16CS405), Manjunath M (10X16CS406), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, 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 to the project work.

Mrs. Anjali Rajesh

Dr. E Sara vana Kumar

Dr. R.V Praveena Gowda

Associate Professor

Principal, TOCE Dr. R.V. PRAVEENA GOWDA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCIPAL

THE OXFORD COLLEGE OF ENGINEERING

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External Viva

Signature with Date

Name of the Examiners

Scanned with CamScanner

Bommanahalli, Hosur Road, Bangalore-560068

(Affiliated to Visvesvaraya Technological University, Belgaum)

Department of Computer Science and Engineering



CERTIFICATE

"SMART entitled Project work Internship the Certified REFRIGERATOR" has been carried out by NAVENDU (10X15CS062), VISHAL SHARMA (10X15CS125), M BOBORAJ SINGH (10X15CS054) bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Main Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Project Guide

Dr. E. Saravana Kumar

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Rommanahalli Hosus Dood

Name of the examiners Signature with date



Hosur Road, Bommanahalli, Bangalore-560068

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CERTIFICATE

Certified that the Project entitled "Smart Vehicle Automated System" has been carried out by Dharshita N S L V(10X15CS025), Lakshmi Priya M (10X15CS050), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Ms. Sushma T S

Assistant Professor

Dr. E Sarayana Kumar

H.O.D ,CSE

Dr. R V Praveena Gowda

Principal, TOCE

HEAD OF THIS DIDNISTMENT DEPARTMENT DISCRIPTION SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560 068

Dr. R.V. PRAVEENA GOWDA
PRINCIPAL

The Oxford College of Engineering Bommanahalla, Nesur Road Bengaluruseer 188

External Viva

Name of the Examiners

1.

2. Dr. S. Shopen

Bommanahalli, Hosur Road, Bengaluru – 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "ALEXA BASED SECURITY SYSTEM USING AI AND PI CAMERA" carried out by POORNIMA M(10X15CS071), REKHA M(10X15CS087),

SNEHA V(10X15CS100), SWATHI SURESH BHATKAL(10X15CS112) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The final project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr.Senthil Kumar

Project Guide

Dr. E. Saravana Kumar

H.O.D.Dept. of CSF HEAD OF THE DEPARTMENT

THE OXFORD COLLEGE OF ENGINEERING

BENGALURU - 560 068

External Viva

Praveena Gowda

Principal, TOCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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Name of the Examiners

Hosur Road, Bommanahalli, Bangalore-560068

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CERTIFICATE

Certified that the project entitled "Blockchain: A Magic Bullet For Healthcare Cloud-Based Data Security And Isolation" carried out by Supriya P (10X15CS110), Navya G (10X16CS409) and Nithin Singh K (10X16CS056) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

Prof. Seema Patil

Project Guide

SARAYANA KUUMAR, M.E., Ph.D.

ASSOCIATE PROFESSOR DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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Name of the Examiners

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



CERTIFICATE

Certified that the Project entitled "Automated Attendance System based on Facial Recognition" has been carried out by NIVEDITA DHOTRE (10X15CS066), P SAI SAMANTH KUMAR (10X15CS069), POOJA S PRASANNAN (10X15CS074), SAGARIKA SV (10X15CS084), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Naven H.S

Mr. Naveen H.S

Project Guide

HEADIODING DEPARTMENT

THE OXFORD COLLEGE OF ENGINEERING

Dr. R.V

Principal

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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Name of the Examiners

Signature with Date

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "AUTOMATIC AND INTELLIGENT STREET LIGHTING SYSTEM USING IOT AND CLOUD" carried out by RIJO JOHN RAJAN (10X15CS088), SAHANA SHREEDHAR KULKARNI (10X15CS093), SWETHA PRADEEP (10X15CS113), TALARI SURYA TEJA (10X15CS114) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The final project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dr. E Sacavana Kumar

veena Gowda

Project Guide

·Associate Prof & H.O.D, Dept. of CSE

SARAVANA KUMAR, M.E., Ph.D. ASSOCIATE PROFESSOR

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the Project entitled "MOBILE CLOUD COMPUTING IN SMART CITIES VIA RANDOMIZED ALGORITHM" has been carried out by PRIYADARSHINI R (10X15CS078), ROSHINI CS (10X15CS090), RUKSAR M (10X15CS091), SOUNDARYA K (10X15CS103), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Mrs. Sushma G

Project Guide

Dr. E Sarayana Kumar

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "DESIGING A SECURE EXAM MANAGAMENT SYSTEM (SEMS) FOR M-LEARNING ENVIRONMENTS" carried out by PRAVALIKA R (10X15CS077), R K PRATIBHA (10X15CS079), SHILPASHREE M (10X15CS098), SNEHA ALAGOUDA PATIL(10X15CS101) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The final project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mrs. J Jesy Janet Kumari

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "CLASSIFICATION OF DIABETIC RETINOPATHY" carried out by SOWMYA H D (10X15CS105), SULOCHANA (10X15CS108), SWATHI P (10X15CS111), VIJETHA V KANCHAN (10X15CS123) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The final project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mrs. Sowmya H K

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Certified that the Project work entitled "TWO WHEEL SELF BALANCING ROBOT" carried out by PAVAN KALYAN (10X15CS067), PRAJWAL K·S (10X15CS072), PRAJWAL Y (10X15CS073), VIKRANTH K(10X15CS081) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Final Project report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said degree.

Prof. Shobha T

Project Guide

Dr. E Saravana Kumar

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Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "Cloud Computing Fitness for E-Government Implementation: Importance-Performance Analysis" carried out by Apoorva M G (10X16CS401), Divya K G (10X16CS403), Sowmya C N (10X15CS410), 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, Belgavi during the year 2018-2019. This is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposioted in the department library. The Project report has been approved as it satisfies academic requirements in respect of project work.

Ms. Sushma T S

Assistant Professor

Dr. E. Saravana Kumar

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that the project entitled "PERSONALIZED TRAVEL SEQUENCE RECOMMENDATION ON MULTI-SOURCE BIG SOCIAL MEDIA" carried out by Prashant Surin (10X15CS075), Rajdeep Mukherjee (10X15CS082), Ram Prasad Poudel (10X15CS083), Sarath S Jyothis (10X15CS096) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

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Certified that the project work entitled "ANDROID-BASED INDOOR & OUTDOOR NAVIGATION FOR THE VISUALLY IMPAIRED" carried out by PRATHYAKSHA SHETTY(10X15CS076), SUDARSHAN GOWDA C M (10X15CS106), SUJAI B R (10X15CS107), T. KISHORE REDDY (10X15CS117) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The final project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

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Certified that the Project entitled "Real-time Comprehension Classification using Artificial Neural Network" has been carried out by Ramya G(10X15CS085), Rohini V(10X15CS122), Tiwary(10X15CS097), Varsha R(10X15CS089), Saurabh bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. Thus, is certified that all correction / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect to the project work.

Mrs. Latha R

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Assistant Professor

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CERTIFICATE

Certified that the project entitled "TWITTER SENTIMENTAL ANALYSIS" carried out by Sovanlal Bera (10X15CS104), Uddipta Poddar (10X15CS119) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect project work.

Ms. Swetha P
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Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "An Automated Agriculture Drone With Disease" Detection And Spray Medicine" carried out by D RAGNI SHATABDA (10X15IS027), DIVYA V (10X15IS036) and MANDARA K M (10X15IS061), bonafide students of The Oxford College Of Engineering, Bengaluru in the fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

Asst. Prof. Dept. of ISE

Dr. R. Kanagavalli Dr. R. KANAGAVALLT PROFESSOR & HOD-ISE Professor a college of Englieering Bommenahalli, Hosur Main Road BERGELAND \560,068.

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Certified that the project work entitled "FitFlex - Efficient Smart Watch For Workout Tracking" carried out by G VINAY BHARGAV (10X15IS039), GANESH PALLA (10X15IS040) and HARSHA S KULKARNI (10X15IS042) bonified students of The Oxford College Of Engineering, Bengaluru in partial fulfillment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

Asst.professor

The Oxford Sologe of IOD meering he Oxford Principal AL Bommanaballi Land of E Bommanahalli, Hosur Main Road,

Dr.R.V.Praveena Gowda

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Name of the Examiners

Signature with Date

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Certified that the project work entitled "Virtuala - The Smart Glass" carried out by MAYURI MUNNOLIMATH (10X15IS064), SABA KAUSER (10X15IS099), SHEHZA HUSSAIN (10X15IS1079) and VARSHA LOKESH (10X15IS121), bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

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CERTIFICATE

Certified that the Project work entitled "SMART CANE FOR THE BLIND AND VISUALLY IMPAIRED PEOPLE" carried out by MARIA SANJANA G (10X15IS063), RACHITHA R NAYAK (10X15IS087), RUCHITHA K (10X15IS093), bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Assistant Professor

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Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Automatic Door Access System Using Face Recognition" carried out by HEMA (10X15IS045), JASHNAVI (10X15IS047) and KODIPALLI MOUNIKA (10X15IS055), bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

lide Ms. Sindhuja R

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CERTIFICATE

Certified that the project work entitled "MY FRIEND – A PERSONAL ASSISTANT FOR DRIVER" carried out by Kavya S Aiholli (10X15IS053), Mallika G A (10X15IS059), and Manasa K R (10X15IS060) bonafide students of The Oxford College Of Engineering, Bengaluru in the fulfillment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

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Department of Information Science and Engineering



CERTIFICATE

Certified that the Project work entitled "SMART HELMET WITH CALL CONTROL" carried out by POOJA B S (10X15IS075), REEWA R (10X15IS091), SADIYA KAUSAR (10X15IS100), SUSHMITHA N (10X15IS111) bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

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Department of Information Science and Engineering



CERTIFICATE

This is to certify that the project work entitled "Dynamic Connection Load Balancing Using Nano Cloudlet" carried out by PAWAN SHARMA (10X15IS074), RUKHIYA KULSOOM M (10X15IS094), SANJANA HARI (10X15IS103) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of work prescribed for Bachelor of Engineering.

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Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Parallel data access on distributed file systems through opass algorithm" carried out by RAMYA K M (10X15IS090), S NADIYA (10X15IS097), SALINI R S (10X15IS102) and SREELAKSHMI V (10X15IS108), bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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. Vinodha K

Asst.Professor, Dept of ISE

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Certified that the project work entitled "Advanced License plate recognition and detection" carried out by RAKSHTIH V(10X15IS089), RUTHWIK SAGAR (10X15IS095), SUDHANVA DESHPANDE (10X15IS098) and SUDEEP S D(10X15IS110), bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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. Chlaiselvi S

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Department of Information Science and Engineering



CERTIFICATE

Certified that the Project work entitled "A NOVEL APPROACH TO PROVIDE PROTECTION FOR WOMEN BY USING SMART RING" carried out by RAKSHA K (10X15IS088), SRI ROOPINI U (10X15IS109), SUVARNA PATIL (10X15IS112) bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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

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Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

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

Signature with Date

Name of the Examiners

1 m. 2 Karaganalle

2. DEEPTI-C

018

Hosur Road, Bommanahalli, Bengaluru-560068

(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Brain Tumor Detection and Classification" carried out by POOJA M R (10X15IS076), PRAKRUTHI P S (10X15IS077) AND SYEDA AFRIN(10X15IS117) bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.Karthik SV

Asst.Professor

Drick Kanggavalli
PROFESSOR & HOD-ISE
The Oxford College Of Engineering
Bommanahalii, Hosur Main Read,

External Viva

Dr. Praveena Gowda r. R. V PRAV VINA GOWDA

The Oxford College of Engineering

Bommanahalli, Hosur Road Bengaluru-560 068.

Name of the Examiners

1. Dr. A. Karaganalla

2. DEEPTI. C

Signature with Date

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ii

Hosur Road, Bommanahalli, Bengaluru-560068

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



CERTIFICATE

Certified that the project work entitled "Innovative Image Search Engine with hidden tags using image processing techniques" carried out by SARITHA KUMARI K (10X15IS104), VARSHA U V (10X15IS122) and VRISHANKA ISLOOR (10X15IS124) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. Champappa Gowda D. V Asst. Prof. ,Dept. of ISE

Dr. R. Kanagavalli

Professor and

Head of Dept. and Mole. PROPESSOR & HOD-ISE

Bommanahatti, Hosur Main Ro Deliverational 990,088.

Dr.R.V. Praveena Gowda

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

Name of the Examiners

DEEPTT. C

Signature with Date

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Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Forecasting Of Stock Market using machine learning" carried out by NADEEM AHMED S (10X15IS066), P VIJAY BHARATHI (10X15IS073), RISHABH AGARWAL (10X15IS092) and SYED MOHOMED SULAIMAN(10X15IS116); bonafide students of Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvarava Technological University, Belagavi, during the year 2018-2019. 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. D. Jayaramaiah

Professor

PROFESSOR & HOD-ISE The Oxford Sallege Of Cardy incering Bommanahalli, Hosur Main Road, Bangalece fifth of Ra

Name of the Examiners

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veena Gowda

Dr. R.V.Principal NA GOWDA

The Oxford Course of Engineering Bommanahum, Hosur Road

Bommanahalli, Hosur Road, Bangalore-560068 (Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Energy Efficient Reliable With Encryption for WSN" carried out by Abhinav Suman (10X15IS001), Hemanth Kumar AV (10X15IS046), and K.Mohammed Hayath (10X15IS051) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dr. Vinodha . K

PROFESSOR & HOD-ISE Dr. R.V. PRAVEENA GOWDA

Asst.Professor, Dept. of ISE

The Oxford Goilege Of Engineering Bonnananana, 4 Deprina A Post Oxford College of Engineering Bengalere 500 068.

Bommanahalli, Hosur Road Bengaluru-560 068.

External Viva

Name of the Examiners

Hosur Road, Bommanahalli, Bengaluru-560068

(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "Emotion Detector For Medical Application" carried out by Abhishek M S (10X15IS002), Akshay P Shetty (10X15IS010), Anshu Agarwal (10X15IS014) and Darel V Johny (10X15IS028) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

Asst.Proff

PROPESSOR & HOD-ISE

The Partheoliges Of hesineering Bommenahalli, Hosur Main Road, Dr. R.V. PRAVEENA GOWDA

Bangalore 560 068. External Viva

Dr. Praveena Gowda

Principal, TOCE

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with Date 60 068.

Name of the Examiners

(i)

Hosur Road, Bommanahalli, Bengaluru-560068

(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

Certified that the project work entitled "A Real Time Android Application Based Traffic Monitoring and Vehicle Tracking System" carried out by ASHA TIRLAPUR (10X15IS016), DEEPA D (10X15IS030), NANDINI S (10X15IS067) and NAVYA S (10X15IS068) bonafide students of The Oxford College Of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science And Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018 -2019. 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.

D. Jayaramaiah

Dr. R. Kanagavalli

Professor

Department of ISE

Name of the Examiners

Professor & Head Bommanahalli, Hosur Main Road. Bangalore 560 068.

External Viva

Signature with Date

Praveena Gowda

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering

Bommanahalli, Hosur Road Bengaluru-560 068.

1. P. Kokila 2. Gausi S Rapate

(ii)

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(Affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi)

Department of Information Science and Engineering



CERTIFICATE

project work entitled "SIGN LANGUAGE TO Certified that the CONVERSION" carried out by B M PRAKRUTHI (10X15IS020), DEEPTHI A (10X15IS031), K HARSHITHA (10X15IS050) and KARISHMA PAHALWAR (10X15IS052) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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. Chapnappa Gowda D V

Dr. R. Kanagavalli

Dr. R. HAMMUNIALLI

Asst. Prof. Dept. of ISE

Professor Walded DDest. of ISE The Oxford College Of Engineering BOOKHAMADANI, Heene Mala Read,

Signature with Date

Praveena Gowda

Dr.R.V. PRAVEENA GOWDA

PRINCIPAL
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Bengaluru-560 068.

Name of the Examiners

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Department of Information Science and Engineering



CERTIFICATE

Certified that the Project work entitled "AIR QUALITY ANALYSIS USING MACHINE LEARNING" carried out by BITTY CLEATUS (10X15IS024), HEEBA MOINUDDIN (10X15IS044), KHUSHI SINGH (10X15IS054) and LAKSHMI MADHUMITHA P (10X15IS057) bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfilment for the award of Degree of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2018-2019. 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.

Asst. Prof, ISE

PROFFESSORO HOUSE
The Oxford College Of Engineering Bommanahalli, Hosur Main Road Dengalore 500 068 External Viva

Name of the Examiners

Dr. R.V. Praveena Gowda

Dr. Remeipal VEOCEA GOWDA PRINCIPAL

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

Department Of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "CLASSIFICATION OF CANCEROUS PROFILES USING MACHINE LEARNING" carried out by SAI THEJASREE U V (10X15EC083), SUSHMITHA R (10X15EC098), TEJASHWINI RENAKE (10X16EC420), POOJA B L S (10X15EC063) bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of degree of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the degree.

GUIDE

R.BHARGAVA RAMA GOWD Dr. MANJU DEVI Dr. R.V.

Asst. Professor,

Dept. of ECE, TOCE

Padest Of The Department Engineering DIPRIMIRRANDENA GOWDA

Trap Oxford College of Engineering The Oxford College of Engineering

Bommananalli, Bangalore - 560 068.

Bommanahalli, Hosur Road Bengaluru-560 068.

Name of the Examiners

1 DR SHASHIDHAR

2. Dr. Porch Chan

P. Shares

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "GREEN CAMPUS" is a bonafide work carried out by ANAND KUMAR D (10X15EC011), CVSR SRINIVAS (10X15EC022), KEVIN CHRISTY D (10X15EC043) and MUHAMMAD SHAHEER (10X15EC055) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Mr. JAYARAJ N Asst .Prof, Dept. of ECE Professor & HOD 9

Fingineering, R.V. PRAVEENA GOWDA THE Oxford Oollege of Prigineering Dr. R.V. PKAVEENA GOWLA

Bommananalli, Bangalore - 560 068. The Oxford College of Engineering

Bommanahalli, Hosur Road Signature with date

Name of the Examiner

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "DETECTION OF ONCOLOGICAL CELL IN NANO-PLATFORM USING SPR TECHNOLOGY" carried out by Ashwini S (10X15EC017), Bhavana C M (10X15EC020), Farha Rahman (10X15EC030), Meenu Harshan(10X15EC052) bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs.Sowmya Padukone G Professor MANH DEVI Dr.R.V.PRAVEENA GOWDA
Assistant Professor, Dept. of ECE, TOCE
Dept. of ECE, TOCE
Dept. of ECE, TOCE

Bommananalli, Bangalore - 560 068, PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur R had
Bengaluru-560 068.

NAME OF EXAMINER

SIGNATURE WITH DATE

2. Ar. Juston till

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

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Project entitled "OPTO MECHANICAL SYSTEMS FOR PRESSOR SENSOR" Carried out by CHAITRA K (10X16EC405), NIVEDITA C (10X15EC021), SHRINIDHI BHAT (10X15EC089), S UDDANESHWARA (10X15EC081), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said degree.

| Project prescribed for the said degree. | in respect of |
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| P. Charon, GUIDE MAHOD | MATTER |
| DR. PREETA SHARAN DR. MANJU DEVI Professor & HOD of E&C Engineering Prof. Dept. of ECE The Oxiord College of Engineering Name of Examin Bomman Palling | DR.R.V. PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA |
| Traine of Examiner Managine - 560 068. | Principal TOCE The Oxford College of Engineering Signature with Date oad Bondel W. 560 668. |
| 1. DR SHASHIDHAR 2. | |
| | |

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

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the project work entitled "DATA TRANSMISSION USING LIFI" carried out by GOWTHAM M (10X15EC034), HAROON KHURSHEED (10X15EC035), HEMANTH KUMAR S (10X15EC038), GUHAN M S (10X15EC110) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Electronics And Communication Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Ms. ARUNA J
Asst. Professor,

Dept. of ECE

Dr. MANJU DEVI

Prefessor & HOD of E&C Engineering ine Oxford College of Engineering Bommananalli, Bangalore-560 668.

Dr. R.V. PRAVEEN GOWDA

Dr. R. DE AVEENA GOWDA
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The Oxford Circle Company
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The Oxford Circle Circle

Bommanahalli, Hosur Road Bengaluru-560 068.

Name of the Examiners

2. Dresotherh Kullai

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "MEDICINE VENDING MACHINE" carried out by Tanveer Ahmed (10X15EC100), Basheer Ahmed (10X16EC404), Shivam(10X15EC088), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. MANJU DEVI Professor and HOD Dept. of ECE , TOCE

NAME OF EXAMINER

1. DE SHASHIDHAR

2 Dr. Prest he

Professor and HOE Engineering Principal CTOCE

Bommananalli, Bangalore - 560 nen Bommananalli, Hosur Road

SIGNATURE PROPERTY 560,068.

R. Chare Tale

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 "Implementation of a Secure and Smart Lab With Automation System" carried out by GOVIND (10X15EC033), KIRAN BIRADAR (10X16EC407), SHIVAPUTRA (10X16EC416), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the degree.

GUIDE

NITHIKA BHASI Asst Professor,

Dept. of ECE, TOCE

rofessor & HOD of EEC Engineering

The Oxford College of Engineering Bommananalli, Bangalore - 560 068.

R.V.PRWEENA GOWDA

PRINCIPAL

Head of the Institution

Dr. R.V. PREQUENA GOWDA

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

Signature with date

Name of the Examiner

2) Dr. Julhanh Kullai

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "MEDICINE VENDING MACHINE" carried out by Tanveer Ahmed (10X15EC100), Basheer Ahmed (10X16EC404), Shivam(10X15EC088), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. MANJU DEVI Professor and HOD Dept. of ECE , TOCE

NAME OF EXAMINER

1. DR. SHASHIDHAR

2 Driforde Show

Professor and HOD Ine Oxford College of Engineering

Bommananalli, Bangalore - 560 068. Bommananalli, Hosur Road SIGNATUR NATIO 88.

All alexander bos

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "GREEN CAMPUS" is a bonafide work carried out by ANAND KUMAR D (10X15EC011), CVSR SRINIVAS (10X15EC022), KEVIN CHRISTY D (10X15EC043) and MUHAMMAD SHAHEER (10X15EC055) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

N.W 10/06/19 GUIDE

Mr. JAYARAJ N Asst Prof. Dept. of ECE Professor & HAR OBE&C Engineerings. V. PRAVEENA GOWDA

The Oxford College of Engineering Dr. R. V. PRAVEENA GOWDA

Bommananalli, Bangalore - 560 068

The Oxford College of Engineering

Name of the Examiner

2 Dr. Inshails Kulken

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "AUTOMATION OF FUELING STATION WITH AN EMBEDDED SYSTEMS AND RFID TECHNOLOGY INTEGRATED WITH IOT "is a bonafide work carried out by the students AISHWARYA S (10X15EC005), ANU S (10X15E012), DEVIKA L N (10X16EC406), MUNIRABEGAM M NADAF (10X15EC410) in partial fulfilment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VTU during the years 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

N. Srappolsold

GUIDE

Dr. Sridhar N

Asst. Professor

Dept. of ECE

HOD

Dr. MANJU DEVI

Professor & HOD of East Chagineering
The Oxford College of Engineering
Dept Of ECE
Bommananalli, Bangalore - 560 068

PRINCIPAL

Dr. R.V. PRAVEENA GOWDA

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Dr. R.V. PRAVEENA GOWDA
Bengalurus AL

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with Date 0 068.

Name of Examiner

2 Dr. Sinkhart Kulken

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

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Department of Electronics and Communication Engineering



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Dr. Sridhar N

Asst. Professor

Name of Examiner

Dept. of ECE

Professor & HOD of E&C.Eng.

Borgmanapent, StiffsSibre-560 068.

The Oxforngalurus of Engineering Bommanahalii, Hosur Road Bengaluru-560 088.

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

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Project entitled "HEALTH MONITORING SYSTEM" Carried out by NAYANA (10X15EC058), S SPOORTHI(10X15EC080), SOWNDARYA B (10X15EC094), TEJASHWINI N (10X15EC101), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said degree.

GUIDE

Dr. SRIDHAR N

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

Asst.prof. Dept. of ECE Borrow and Head of Dept. of ECEs

Dr.R.V.PRAVEENA GOWDA

Dr. R.V. PRAVEENA GOWDA
Head of Institution

The Oxford College of Engineering BommanaFQCP-losur Road Bengaluru-560 068.

Signature with Date

Name of Examiner

2. Dr. Subhard Kullan

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "DESIGN AND FABRICATION OF ANIMATRONIC SKULL USING 3D PRINTER" is a bonafide work carried out by YESHWANTH G R (10X15EC109), SNEHA D (10X15EC093), SAHANA M (10X15EC082) and S PRIYA DARSHINI (10X15EC078) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Professor & HODOGE FOR Engineering

Bommananalli, Bangalore - 560 000

Name of the Examiner

1 DR SHASHIDHAR

2 Dr. Prese Ihan

Dr. R.V. PRAVEENA GOWDA

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with date

P. Sha (12/1

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "MEDICINE VENDING MACHINE" carried out by Tanveer Ahmed (10X15EC100), Basheer Ahmed (10X16EC404), Shivam(10X15EC088), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. MANJU DEVI Professor and HOD Dept. of ECE, TOCE

NAME OF EXAMINER

1 DR. SHASHIDHAR

2. Dr. Preet Shaw

Dr. MANJU DEVI Dr. R.V. PRAVERA GOWDA
Professor HOD an HAC Engineering. R.V. PRAVERA GOWDA
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Bommananalli, Bangalore-560,063, ATURE WPPH HOTER Road

P. Ohera 12/6/19.

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "AUTOMATED TOLLPALZA USING RFID WITH THEFT ALERT AND POLLUTION MONITORING" carried out by RAKHESH N (10X15C072), S NITHIN (10X15EC077), SANJAY A (10X15EC084) , bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018 -2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in Depertment Library. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for Degree.

Ms. CHRISPIN JIJI Professor, Dept. of ECE

Processor & HOD of E&C Engineering Bommananalli, Bangalore-560 068.

R.V. PRAVEENA GOWDA Principal, TOCE

Dr. R.V. PRAVEENA GOWDA PRINCIPAL The Oxford College of Engineerin

Bommanahalli, Hosur Road

Bengaluru-560 086

Name of Examiners

Examiner 1. Faculty Name or Many De

Examiner 2. Faculty Name Dr. Suffach Kulta:

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "AUTOMOBILE ACCESS AND SECURITY BASED ON MACHINE LEARNING AND SMTP" carried out by Prem Pramod N (10X15EC068), Priyadarshini S (10X16EC413), Sumera Kounain M R (10X16EC419), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

| for the above said degree. | |
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| Rice flinder Paul 9/0/6/19 SHOD | RRINCIPAL |
| Professor & HOD o | WAS Engineering |
| Mr. RICHARD LINCOLN PAUL AND OXIGITATION OF ECE Asst Professor, Dept Of ECE Bommananalii, Ba | PRINCIPAL DE LA COMPA DEL CO |
| NAME OF EXAMINER | SIGNAHUR Ford College Congineering Borgman Bernalugu 560 088. |
| 1. 8x Hany De | |
| 2. Dr Jushard Kulkai | Juli 12/06/19 |
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BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068 (Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "ADVANCED 5 IN 1 MULTI PURPOSE AGRICULTURAL ROBOTIC VEHICLE – AGRIBOT" is a bonafide work carried out by GANESH J BIRADAR (10X15EC031), KASHINATH S KUMBARA (10X15EC040), BASAVARAJ (10X16EC403), SHRISHAIL DALI (10X16EC417) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. SAJITHRA VARUN S Professor Asst. Professor Dept. of ECE, TOCE

Name of the Examiner

1. And Asst. Professor Dept. of ECE, TOCE

Name of the Examiner

1. And Asst. Professor Dept. of ECE, TOCE

Bommananalli, Bangalore - 560 068.

Signature with date

1. And Asst. Professor Dept. of ECE, TOCE

Bommananalli, Bangalore - 560 068.

Signature with date

1. And Asst. Professor Dept. of Ece Engineering Bommananalli, Bangalore - 560 068.

Signature with date

PRINCIPAL

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "Dustless Environment" Using NEAGH Device" is a bonafide work carried out by AAMIR AHMED (10X15EC002), ARAVIND J A (10X15EC015), ISHRATH FARHA (10X15EC039) and MOHAMMED NAFIL T C (10X15EC054) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year FEB-MAY 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Soumya Partukone G Dr. Manju Devi Dr. R.V. Praveena Gowda

Asst. PROFESSOR Professon Hobson & Each Engineering Dr. R.V. PRAVEENA GOWDA

The Oxford College of Engineering
Bommananalli, Bangalore - 560 068. The Oxford College of Engineering
Bommanahalli, Hosur Road
Name of the Examiner Signature with date 68.

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "Dustless Environment" Using NEAGH Device" is a bonafide work carried out by AAMIR AHMED (10X15EC002), ARAVIND J A (10X15EC015), ISHRATH FARHA (10X15EC039) and MOHAMMED NAFIL T C (10X15EC054) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year FEB-MAY 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Asst. PROFESSOR

Dr. Manju Devi

HOD

Professor HOD of E&C Engineering Oxford College of Engineering Tine Oxford College of Engineering

Bommananalli, Bangalore - 560 068,

Name of the Examiner

Dr. R.V. PRAVEENA GOWDA

Bommanahaili, Hosur Road Bengaluru-560 068.

Signature with date

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "AUTOMOBILE ACCESS AND SECURITY BASED ON MACHINE LEARNING AND SMTP" carried out by Prem Pramod N (10X15EC068), Priyadarshini S (10X16EC413), Sumera Kounain M R (10X16EC419), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

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| Mr. RICHARD LINCOLN PAULR Age Opport Solly Asst Professor, Dept Of ECE Bommanaralise | PRINCIPAL PRINCIPAL |
| NAME OF EXAMINER | PRINCIPAL SIGNATURED Ford College of Engineerin |
| 1. Dr. Mary De | Bommanub contr Road Bynn 146 187 088. |
| 2. Dr. Arshard Kullai | Julin/6/19. |

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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| engineering PRINCIPAL PRINCIPAL |
| ngineering 560 065 Dr. R.V. PRAVEENA GOWDA The Oxford College Of Engineering A |
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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 entitled "QUANTUM DOT CELLULAR AUTOMATA FOR HIGH SPEED COMMUNICATION" Carried out by NAVYASHREE V L(10X15EC057), TANUSHREE B M(10X15EC099), VALLI V(10X15EC103), YASHODHA L(10X15EC108), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said degree.

GUIDE

Prof. LAYA TOJO

Dept. of ECE

HOD

Professore NHO DIO TIME Engineering DR.R.V.PROVEENA GOWDA

Bommananalli, Bangalore - 560 068

Dr. R. Head po A Institution GO WDA

PRINCIPAL

PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur Road

Bengaluru-560 068. Signature with Date

Name of Examiner

2. In Sushaul tulkar

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "AUTOMATION OF FUELING STATION WITH AN EMBEDDED SYSTEMS AND RFID TECHNOLOGY INTEGRATED WITH IOT "is a bonafide work carried out by the students AISHWARYA S (10X15EC005), ANU S (10X15E012), DEVIKA L N (10X16EC406), MUNIRABEGAM M NADAF (10X15EC410) in partial fulfilment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VTU during the years 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Dr. Sridhar N

Asst. Professor

Dept. of ECE

HOD

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

BommandAett, Barleslere - 560 068.

PRINCIPAL

Dr. R.V. PRAVEENA GOWDA
Dr. R.V. PRAVEENA GOWDA
The Oxford Gollege Of Engineering

The Oxford Bengaluru Engineering Bommanaham, Hosur Road Bengaluru-560 068.

Signature with Date

Name of Examiner

2 Dr Jushart Ruthi

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "VISUAL INSPECTION AND CRACK DETECTION OF RAILWAY TRACKS" is a bonafide work carried out by Ms. AMRUTHA K (10X16EC400), Ms. DEEKSHITHA V (10X16EC026), Mr. MURALI M (10X15EC056) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Laya Tojo Asst. Professor

Department of ECE, TOCE ROMM FECE, TOCE

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Dr. R.V. PRAVEENA GOWDA

PRINCIPA

Dr. Principal, TOCE

BENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanehalli, Hosur Road Bengaluru-560

Name of the Examiners

1. Dr. Preta Shara

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "Automated Pencil Sketch Using Image Processing" carried out by NIKHIL B M(10X15EC060), PUNITH POOVAIAH K P (10X15EC070), SANTHOSH KUMAR B R(10X15EC085), SRINIVAS B V (10X15EC096), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bengaluru in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. CHRISPIN JIJI
Assistant Professor,
Dept. of ECE, TOCE

Dr. MANJU DEVI Dr. Professop & HQD ph E& Ci Engineering
The Oxford College of Engineering
Bommananalli, Bangalore - 560 068

Dr. R.V.PRAVEENA GOWDA

PRINCIPAL

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

NAME OF THE EXAMINER

2.) Dr. Subrack Kulkan

SIGNATURE WITH DATE

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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| Mr. RICHARD LINCOLN PAULRAJE OBIOTO A Asst Professor, Dept Of ECE Bommanifeld NAME OF EXAMINER | FRINGIPAL SIGNATUREOXFORD COMPANY OF STREET |
| 2. Dr. Milhard trilli | Bengalya-680 058. |

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

Department of Electronics and Communication Engineering



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Ms. ARUNA J Prof. Dept. of ECE

Dr. R.V. PRA

Professor & HOD of Eac Engineering Dr. R.V. PRAVEENA GOWDA The Oxford College of Engineering

Bommananalli, Bangalore-560 668. The Oxford College of Engineering

Bommanahalli, Hosur Road Bengaluru-560 068

Signature with Date

Name of Examiner

2. Dr. Prus C.

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

Department of Electronics and Communication Engineering



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Ms. ARUNA J Prof. Dept. of ECE

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

Name of Examiner

1. DR SHOSHIDHOR 2. Dr. Preda Shan

EENA GOWDA PRINCIPAL

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

Signature with Date

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

Department of Electronics and Communication Engineering



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Ms. CHRISPIN JIJI Professor, Dept. of ECE

OF BECENGINE R.V. PRAVEENA GOWDA The AND OF College Poungineering Principal, TOCE

Boromananalli, Bangalore-560 068. Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanahum, Hosur Road Bengelung-560 068.

Name of Examiners

Examiner 1. Faculty Name or Man

Examiner 2. Faculty Name Dr. Subback trulla.

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "ADVANCED 5 IN 1 MULTI PURPOSE AGRICULTURAL ROBOTIC VEHICLE - AGRIBOT" is a bonafide work carried out by GANESH J BIRADAR (10X15EC031), KASHINATH S KUMBARA (10X15EC040), BASAVARAJ (10X16EC403), SHRISHAIL DALI (10X16EC417) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. MANIU DEVI SAJITHRA VARUN

Dr. R.V. PRAVEENA GOWDA

Asst. Professor Dept. of ECE, TOCE Professor Bett Old bEESC Engineering Principal, TOCE The Oxford College of Engineering

DEBENGALUTA VEENA GOW DA

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

Signature with date

Name of the Examiner

1. Prilled De

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "INNOVATIVE SHOPPING CART WITH ARTIFICIAL INTELLIGENCE FOR FAST TRACK BILLING" is a bonafide work carried out by DEEPA P (10X15EC027), DIKSHITHA K (10X15EC029), KAVITHA K (10X15EC041), LAKKIREDDY SRAVANI (10X15EC045) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. JAYARAJ N

Dr. MANJU DEVI

HOD

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

Assoc. Professor,

Professor and HOD

The Oxford College of Engineering Dr. R.V. PRAVEENA GOWDA

Dept. of ECE

Profespape HORCE E&C Engineering
The Oxford College of Engineering

The Oxford College of Engineering Bommanahalli, Hosur Road

BengaturuCIPAL

Bommananalli, Bangalere-560 068.

Name of the Examiner

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uh/Kullcai

Signature with Date

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "MEDICINE VENDING MACHINE" carried out by Tanveer Ahmed (10X15EC100), Basheer Ahmed (10X16EC404), Shivam(10X15EC088), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM during the year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. MANIU DEVI Professor and HOD Dept. of ECE, TOCE

Dr. MANIO DEVI Professor & HOD of E&D Engineering he Oxford College Octors The Orient Coffee of Engineering

DF. R.V. PRAVEENA GOWDA Bommanahalli, Hosur Road Bengaluru-560 068.

Rommananalli, Bangalos

SIGNATURE WITH DATE

NAME OF EXAMINER

1. Dr. SHASHIDHAR 2. Dr. Prest Sha

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "ADVANCED MILITARY SPYING AND BOMB DISPOSAL ROBOT" is a bonafide work carried out by SHILPA G (10X15EC086), SINDHU M (10X15EC091), VARSHITHA H (10X15EC104), PRATHIMA M K (10X16EC412) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE Engineering Mrs. S SAJITHRA VARUNTOLESSON SANTOLE

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Professor, Dept. of ECE,

Bemman debt Bangalore - 560 068 Dr. R.V. PRAVEENA GOWDA PRINCIPAL

TOCE

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

Name of the Examiners

TOCE

Signature with Date

1. Dr. Preets Chara

2. DR. SHASHIDHAR

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "MULTIPLE STEPS AUTHENTICATION BASED SAFEGUARD UNIT FOR FINANCIAL TRANSACTION" is a bonafide work carried out by Ms. ANUSHA S (10X15EC014), Ms. HARSHITHA U (10X15EC037), Mr. MAHESH KUMAR V (10X15EC048) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions-indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

Mr. BHARGAV RAMA GOWessons Many Exc Engineering
Asst. Professor
Dept. of ECE

The Oxford College of Engineering
Name of the Examiner

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ROMBINATERILL HOSER ROAD BENGALURU - NO DIS (Affiliated to NTC and Approved by AKTE)

Degartment of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "WATER CONSUMPTION, QUALITY MONITORING AND NOTIFICATION SYSTEM USING ARDUNO BASED GSM SYSTEM" is a bonafide work carried out by VIJAYALAKSHMI M (DOXISECRAT), RAMYA S (DOXISECRAS) and MEGHANA HM (DOXISECARS) in partial fulfillment for the award of RACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAVA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019, it is certified that all corrections suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Prof. Dept. of ECE

Professor & HOO of EAC Engineering Time Oxford College of Engineering Bergmananalli, Bangalore-560 068.

Dr. R.V. PR PRINCIPAL The Oxford Oplings of Engineer SALING-560 068

Signature with Date

Name of Examiner

2 Dr. Poset Sha

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

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Project entitled "OPTO MECHANICAL SYSTEMS FOR PRESSOR SENSOR" Carried out by CHAITRA K (10X16EC405), NIVEDITA C (10X15EC021), SHRINIDHI BHAT (10X15EC089), S UDDANESHWARA (10X15EC081), bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said degree.

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| P. Chara reary | PRINCIPAL |
| Professor & HOD of E&C Engineering Prof. Dept. of ECE The Oxford College of Engineering | PRINCIPAL The OxPrincipal, TOCE Engineering |
| Name of Examine Pommananalli, Bangalore - 560 068. | Signature with Date |
| DR SHASHIDHAR | Mary 13/6 |
| | |

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "AUTOMATION OF FUELING STATION WITH AN EMBEDDED SYSTEMS AND RFID TECHNOLOGY INTEGRATED WITH IOT "is a bonafide work carried out by the students AISHWARYA S (10X15EC005), ANU S (10X15E012), DEVIKA L N (10X16EC406), MUNIRABEGAM M NADAF (10X15EC410) in partial fulfilment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VTU during the years 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Dr. Sridhar N

Asst. Professor

Dept. of ECE

HOD

Professor & HOD of E&C Engineering
The Oxford College of Engineering
Bommabanali DBangalore - 560 068.

PRINCIPAL

Dr. R.V. PRAVEENA GOWDA

The Oxford College Of Engineering Dr. R.V. PRAVEENA GOWDA Bengalurupal

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with Date 50 058.

Name of Examiner

2 Dr. Suthach Kullan

BOMMANAHALLI, HOSUR ROAD, BENGALURU - 560 068

(Affiliated to VTU and Approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the project work entitled "DATA TRANSMISSION USING LIFI" carried out by GOWTHAM M (10X15EC034) , HAROON KHURSHEED (10X15EC035), HEMANTH KUMAR S (10X15EC038), GUHAN M S (10X15EC110) bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Electronics And Communication Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Ms. ARUNA J

Asst. Professor. Dept. of ECE

&C Engineering Professor The Oxford College of Engineering

Bommananalli, Bangalore - 560 068.

Dr. R.V. PRAVEENA GOWDA

Dr. R. WOCE, VEENA GOWDA

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

Name of the Examiners

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "Automatic Detection of Potholes" is a bonafide work carried out by Ms. Akshatha P (10X15EC007), Ms. Chaitra Paul (10X15EC023) and Ms. Lakshmi Suresh (10X15EC046), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION TECHNOLOGICAL UNIVERSITY. VISVESVARAYA under **ENGINEERING** academic year 2018-2019. It is certified that all BELAGAVI during the corrections/suggestions indicated for Internal Assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Rich of Cimolar Pauls / 10/16/19

Dr. MANJU DEVI

Mr. RICHARD LINCOLN

PAULRAJ Asst. Professor, Dept of ECE, TOCE. Bangalore

Professor & HOD of F&C Engineering The Oxford Gollege of Engineering Bommananalli, Bangalore-560 068.

Name of the Examiners

Examiner 1.20 Hart

Examiner 21) x. Subbach. Kulkaru

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

Scanned with CamScanner

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "Automatic Detection of Potholes" is a bonafide work carried out by Ms. Akshatha P (10X15EC007), Ms. Chaitra Paul (10X15EC023) and Ms. Lakshmi Suresh (10X15EC046), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING* under VISVESVARAYA TECHNOLOGICAL UNIVERSITY. BELAGAVI during the academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report accordingly. The Project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Degree.

Rich of Under But 1/10/1/19

Mr. RICHARD LINCOLN

Dr. MANJU DEVI

Dr. R.V. PRAVEENA GOWDA

PAULRAJ Asst. Professor. Dept of ECE,

Professor & HOD of E&C Engineering The Oxford Covere of Engineering

D. TOCE Bangalore GOWDA PRINCIPAL

TOCE, Bangalore

Bemmananalli, Bangalore-560 068.

The Oxford College of Engineering Bommanahalli, Hosur Road

Name of the Examiners

Examiner 2. January Lulter

Signature with Date

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "Automated Pencil Sketch Using Image Processing" carried out by NIKHIL B M(IOX15EC060), PUNITH POOVAIAH K P (IOX15EC070). SANTHOSH KUMAR B R(IOX15EC085), SRINIVAS B V (IOX15EC096). bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bengaluru in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. CHRISPIN JIJI
Assistant Professor,
Dept. of ECE, TOCE

Professor Golden of Engineering
Bommananalli, Bangalore - 560 068

or, R.V.PRAVEENA GOWDA

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

NAME OF THE EXAMINER

1) of Many

Subboats Kulken

SIGNATURE WITH BATE 068.

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

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Project entitled "HEALTH MONITORING SYSTEM" Carried out by NAYANA (10X15EC058), S SPOORTHI(10X15EC080), SOWNDARYA (10X15EC094), TEJASHWINI N (10X15EC101) . bonafide students of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the BACHELOR OF ENGINEERING in ELECRONICS COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2018-2019. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said degree.

GUIDE

Dr. SRIDHAR N

Professor & NODINE PRO Engineering

Asst.prof. Dept. of ECE Bonfillananalli, Bangalore - 560 068.

The Oxflead of Institution gineering BETOCE SON OBB

Name of Examiner

Signature with Date

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "ADVANCED MILITARY SPYING AND BOMB DISPOSAL ROBOT" is a bonafide work carried out by (1OX15EC086), SINDHU M (1OX15EC091), VARSHITHA H SHILPA G (10X15EC104), PRATHIMA M K (10X16EC412) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE Engineering

Mrs. S SAJITHRA VARUN rolesson MANIO DE The Oxford College 10 D. Engineering. Bommana Rank, Bangalore - 560 068. haineerider. R.V. PRAVEENA GOWDA

Professor, Dept. of ECE, TOCE

Principal, TOCE Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College Collegering Road Bommanaha

Name of the Examiners

1. Dr. Prof. Share

Signature with Date

iii

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the project work entitled "VISUAL INSPECTION AND CRACK DETECTION OF RAILWAY TRACKS" is a bonafide work carried out by Ms. AMRUTHA K (10X16EC400), Ms. DEEKSHITHA V (10X16EC026), Mr. MURALI M (10X15EC056) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Mrs. Laya Tojo

Asst. Professor He Department of ECE, TOCE

Dr. MANAS DE No. 560 068.

Dr. MANNE DE TENE 'S'
Head of the Department
's of the Control of

PRINCIPAL

Dr. R.V. PRAVEENA GOWDA

Dr. RPrincipal TOCE GOWDA

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

Signature with Date

Madey 111/2

P. Shang Mylde

Name of the Examiners

1. DR. SHASHIDHAR

2. Dr. Prest Show

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "WATER CONSUMPTION, QUALITY MONITORING AND NOTIFICATION SYSTEM USING ARDUINO BASED GSM SYSTEM" is a bonafide work carried out by VIJAYALAKSHMI M (10X15EC047), RAMYA S (10X15EC079) and MEGHANA HM (10X16EC409) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements required for the above said degree.

Ms. ARUNA J Prof. Dept. of ECE

The Oxford College of Engineering Bommananalli, Bangalore - 568 068.

Engineering R.V. PRWVEEN GOWDA Principal, TOCE Dr. R.V. PRAVEENA GOWD. PRINCIPAL

The Oxford College of Engineerin Bommanahalli, Hosur Road Bengaluru-560

Signature with Date

Name of Examiner

2. Dr. Prest Char

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Project work entitled "INNOVATIVE SHOPPING CART WITH ARTIFICIAL INTELLIGENCE FOR FAST TRACK BILLING" is a bonafide work carried out by DEEPA P (10X15EC027), DIKSHITHA K (10X15EC029), KAVITHA K (10X15EC041), LAKKIREDDY SRAVANI (10X15EC045) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. JAYARAJ N

Assoc. Professor,

Dept. of ECE

Dr. MANJU DEVI

Professor and HOD

Dept. of ECE Professor & HOD of E&C Engineering

The Oxford College of Engineering

Name of the Examine Bommananalli, Bangalere - 560 068.

Dr. R.V. PRAVEENA GOWDA

The Oxford College of Engineering Dr. R.V. PRAVEENA GOWDA

The Oxford Callage of Engineering Hosur Road

Signature with Date

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068

(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)



CERTIFICATE

This is to certify that the following students, AKSHAYA K 10X15EE003, BASAVARAJ S B 10X15EE014, CHANDRU C K 10X15EE020, KARISHMA V 10X15EE034 Bonafide students of The Oxford College Of Engineering, has completed project work entitled "POLE CLIMBING ROBOT FOR FAULT DETECTION" impartial fulfilment in the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.

The Oxform Goldenge sof Engg. Bommanahalli, Hosur Road Bangalore-560 068

Dr. Bharath V S

Signature of the Principal

Dr. R V Praveena Gowda

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

Name of Examiners:

1. Dr. Bharath. V. S. 2. Ruma Sinha

Signature with date

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

Department Electrical & Electronics of Engineering



CERTIFICATE

Certified that the Project work entitled "Design and Implementation of Smart Bin Management System" carried out by Aishwaraya P (10X15EE001), Chandrababu T N (10X16EE403), Hemanth R (10X15EE030), K S Supritha (10X15EE033), a bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of degree of Bachelor of Engineering in Electrical & Electronics Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2018-19. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Project work has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

N. Jupe

Signature of the Guide Mr. JAYAKUMAR N

Signature of the HOD

Professor & RATH EEE

The Oxford College of Engg.

Bommanahalli, Hosur Road

Bangalore-560 068

Show Eulb.

Name of the Examiners:

1. Luma Sinha

2. Dr. Bharath, V.S.

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

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Bommalianalli, Hosur Road

Bengaluru-560 068

1/6/2019

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)



2018 - 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "DESIGN AND IMPLEMENTATION TRANSFORMERLESS SINGLE STAGE SINGLE SWITCH HIGH STEPDOWN CONVERTER" is a bonafide work carried out by ASHWINI N S bearing USN 10X15EE012, DIVYASHRI S bearing USN 10X15EE025, MOUNIKA K R bearing USN 10X15EE047, ANIL KUMAR REDDY T bearing USN 10X15EE096in partial fulfilment of project workin 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Mr.Muniyappa **Associate Professor**

Dept. of EEE, TOCE

BHARATH

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

Dr R V PRAVEENA GOWDA,

Principal, TOCE Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-550 068.

Signature with date

Name of the Examiners

Ruma Sonha Do Bhavath. V.s.

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

Department of Electrical and Electronics Engineering



This is to certify that the project work entitled "IMPLEMENTATION OF SMART ENERGY METER FOR INDUSTRIAL APPLICATION" is a bonafide work carried out by ARPITHA P A (10X15EE010), KEERTHANA V (10X15EE037), MEGHANA (10X15EE042), NANDINI K C (10X15EE050) in partial fulfilment of project in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment has been incorporated in the report. The project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Ms. Deepa R **Assistant Professor** Dept. of EEE

Dr. R V Praveen Gowda **Principal**

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with Date:

Name of the Examiners:

1.

Ruma Sinher Dr. Bharath. V.J.

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068

(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)



<u>CERTIFICATE</u>

This is to certify that the following students, AMRUTHA P S (10X15EE006), ANUSHA S BASARI (10X15EE007), DEEPA R (10X15EE023), NAMITA R ANGADI (10X15EE049) bonafide students of The Oxford College Of Engineering, has completed project work entitled "IOT BASED INDUSTRIAL PROTECTION USING ARDUINO" impartial fulfilment in the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to seminar work prescribed

for the said degree.

The guide Signature's

Mrs. K. VIJI

Signature of the Principal

Profes Bhagath Vas EEDr. RV Praveena dowda

The Oxford College of Engg.r. R.V. PRAVEENA GOWDA

PRINCIPAL

Bommanahalli, Hosur Road The Oxford College of Engineering

Bangalore-560 068

Bommanahalli, Hosur Road

Name of Examiners:

1. Ruma Sinha 2. Dr. Bharott. VI.

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)
Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "AUTOMATIC TRAIN BRAKING SYSTEM" has been carried out by "DEEPTI SHREE S (10X15EE024), GEETHASHREE K A (10X15EE027), HARSHITHA S (10X15EE029), KAVYA B (10X15EE036)" 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 Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Mrs. Sumitha T L

Assistant Professor Dept. of EEE, TOCE

Dr. RV Praveena Gowda
Professor & Head EEE

The HODGE E Dept TOCE TO Principal, TOCE OWDA

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

Bommanahalli, Hosur Road

Name of the Examiners:

1. Dr. Bharath .V.S.

3hun 211/6.

Bengaluru 550 Date:

He 11/6/19

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068

(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)



CERTIFICATE

This is to certify that the following students, AMARNATH R (10X15EE051), BASIT ALI KHAN (10X15EE015), NANDISH B K (10X15EE051), DHANANJAYA S P (10X14EE027) bonafide students of The Oxford College Of Engineering, has completed project work entitled "SOLAR-WIND-SOUND **BASED HYBRID POWER** GENERATION" impartial fulfilment in the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect to seminar work prescribed for the said degree.

Signature of the guide

Mrs. Manjula. C

Prosignature of HODI EEE Signature of the Principal

The Oxford Schlagan of Engg. R. V. Praveena Gowda Bommanahalli, Hosur Road Dr. R.V. PRAVEENA GOWDA.

Bangalore-560 068

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

Signatupe With State 68

Name of Examiners:

1. Ruma Sinha 2. Dr. Bharath. V :S

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the project entitled "AUTONOMOUS MAZE SOLVING

ROBOT" is a bonafide work carried out by AKSHATA V.M bearing USN 10X15EE002 and ANUSHREE.T bearing USN 10X15EE008 in partial fulfillment of Project in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs. SOMESWARI.T

Assistant Professor

Dept. of EEE, TOCE

Dr. R V PRAVEENA GOWDA,

Prof Dept of EEE TOCE THE Oxford College Tocal. Bommanahalli, Hosur Road

Bangalore-560 068

Dr. R.v. PRAVEERA GOWDA PRINCIPAL

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

Name of the Examiners

Ruma Sinha

Signature with date

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 "SPEED CONTROL OF INDUCTION MOTOR FOR PUMP APPLICATION USING SPWM METHOD" has been carried out by "ARUNKUMAR K (10X15EE011), AZEEZ UR RAHMAN (10X15EE013). BINDU R (10X15EE018), CHAITHRA K R (10X15EE019)" Bonafied students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Mrs. Raichel ruby M

Associate Professor Dept. of EEE, TOCE

Professon a die ad let E

he Oxford College of Engg.

Bommananani, Hosur Road

Bangalore-560 068

Ir. R. V. Praveena Gowda

Principal TOCE GOWDA

The Oxford College of Engineering
Bommanahalli, Hosur Road
Signature With Dates.

Name of the Examiners:

1. Dr Ashamath. V. S. 2. Ruma Sinha Shuns 211/6/19

Bommanahalli, Hosur main Road, Bengaluru – 560068 Affiliated to VTU and approved by AICTE Accredited by NBA, NAAC & NBA Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the Internship report entitled "DESIGN AND IMPLEMENTATION OF EFFICIENT CONTROLLER FOR LOAD BASED MANAGEMENT SYSTEM" submitted by APOORVA BHAT (10X15EE009), LIKHITHA S (10X15EE038),**NAVEENA** (10X16EE412) & SHARATH KUMARA (10X16EE419) has been satisfactorily completed. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The internship report has been approved as it is satisfying the academic requirements prescribed by Visvesvaraya technological University, Belgaum.

Internal Guide

Mrs.Nalina Kumari

Assistant Professor

Dept. Of EEE, TOCE

Dr. Bharath V S

HOD

Professor & FEE TOEEE

The Oxford College of Engg. Bommanahalli, Hosur Poad

Bangalore-560 088

Name of the Examiners

1. Luma Sinha

Principal

Dr. R V Praveena Gowda

Dr. R. WHICIPAEENA GOWDA

TOCHCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-569 068.

Signature with date

Ple 12/6/19

Bommanahalli, Hosur main Road, Bengaluru – 560068 Affiliated to VTU and approved by AICTE Accredited by NAAC & NBA Department of Electrical and Electronics Engineering



This is to certify that the Project report entitled "DESIGN AND **FAULT UNDERGROUND** CABLE **IMPLEMENTATION** OF DETECTION USING ROBOT" submitted by DARSHAN GOWDA V Y (10X15EE021), GIRISH M K (10X15EE028), JAGANNIVASA K (10X16EE407) & PRAVEEN KUMAR G P (10X16EE417) has been satisfactorily completed. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The Project report has been approved as it is satisfying the academic requirements prescribed by Visvesvaraya technological University, Belgaum.

Mr. Muniyappa N

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

of the Principal

DDRWPraveena Gowda/DA PRINCIPAL

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

Name of Examiners:

1. Dr. Bharath. v. s

2. Luma Sinha

Signature with date
Shun 217 | 1 | 19

She 17 | 6 | 19

HOSUR ROAD, BOMMANAHALLI, BANGALORE–560068 (Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "SMART BOOK KEEPER" has been carried out by NIDHI N M (10X15EE053), SANJAYA HEGDE (10X15EE077), TEJAS KUMAR G (10X15EE097), VINOD KUMAR K (10X15EE102) bona fide students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Dr. V S BHARATH Internal guide

Professor, EEE

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Bom Heart of Department oad
Bangalos 500 000

Bangalore-560 058

Dr. R.V. Praveena Gowda

Principal

Proces Praveena Gowda Principal

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

Name of the Examiners:

1. Dr. Bharath.v.s.

Signature with Date:

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

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project entitled "DESIGN AND DEVELOPMENT OF FIRE FIGHTING ROBOT USING ARDUINO" has been carried out by PRATHYUSHA G (10X15EE059), SHYAMALA G (10X15EE083), SREE HARINI S (10X15EE084), UMESH V (10X15EE098) 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 Visvesvaraya Technological University, Belgaum during the year 2018-19.

It is certified that all 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 of Bachelor of Engineering degree.

Signature of the Guide

Mr. JAYAKUMAR.N

Dr. BHARATH V.S

Professor & Head EEE

Name of the Examiners:

The Oxford College of Engresignature with Dates: Road Bommanahalli, Hosur Road

Bangalore-560 068

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1. Do Rharoth. V.S.

2. Ruma Sinhar

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the project entitled "DESIGN AND EXPERIMENTAL **INVESTIGATION THERMOELECTRIC** OF **PORATBLE SOLAR** REFRIGERATOR" is a bonafide work carried out by NIHARIKA.R.SHETTY, bearing USN 10X15EE054, ROOPA.S, bearing USN 10X15EE069, S.SUBBASREE, bearing USN 10X15EE072, SRIRAM.M.J. bearing USN 10X15EE087, in partial fulfilment of project in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Mr.N.MUNIYAPPA

Professivar AttivisEEE he Oxford College of Eng Bommanahalli, Hosur Road

DR. R V PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

Signature of Principal

Bangalore-560 068

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

Name of the examiner

Dept. of EEE, TOCE

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068
(Affiliated to VTU and approved by AICTE, Accredited by NAAC and NBA)

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "PV POWERED BOAT USING DC-DC CONVERTER AND INVERTER" has been carried out by POOJA.C (10X15EE055), PRIYANKA.Y.NAIK (10X15EE061), RANJITHA.S (10X15EE067), ROSHINI.D (10X15EE070) bona fide students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Mrs. Sandhya Rai Associate Professor Dept. of EEE

Probests: BHARATHEE
The OHiath Delath Bomben at The losur Road
Bangalore-560 068

Name of the Examiners:

1. Dr. Bharath. V.S. 2. Ruma Strla Dr. R V PRAVEENA GOWDA

Principal R.V. PRAVEE

TOCE The Oxford College of Engineering
Rommanahalli, Hosur Road

Bommanahalli, Hosur Road Signature with Date 60 068.

Jan 212/6

12/6/19

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Department of Electrical & Electronics Engineering

2018 - 2019



CERTIFICATE

This is to certify that the Project work entitled "IOT Based Irrigation Monitoring & Controlling system" is a bonafide work carried out by Swathi Rani H, bearing USN 10X15EE092, Swathi P bearing USN 10X15EE093, A.V. Deekshashree bearing USN 10X16EE400, Chandrashekar bearing USN 10X16EE404 in partial fulfillment of Project work in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The Project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs Viji.K

Assistant Professor

Dept. of EEE, TOCE

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

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.

Name of the Examiners

Ruma Sinha Dr. Bharath. V.s

Signature with Date

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(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the project work entitled "POWER QUALITY IMPROVEMENT BY USING STATCOM CONTROL SCHEME IN WIND ENERGY GENERATION INTERFACE TO GRID" is a bonafide work carried out by NAYANA BU bearing USN 10X15EE052, SAUD AHMED KHAN bearing USN 10X15EE078, SHAIKH MOHMAD IBRAHIM bearing USN 10X15EE080, SUNITHA DR bearing USN in partial fulfilment of internship in 8th semester, Bachelor of 10X15EE091 Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engine

Mrs.B DEVI VIGNESHWARI Associate Professor Dept. of EEE,TOCE

Bommanahalli, Hosur Road

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

Dr V S BHARATH

Dept of EEE & TOGE & EEE

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Bangalore-560 068

Al 12/6/19 Shun 2/2/16

Name of the Examiner

Ruma Sinha Dr. Bharoth.v.s.

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Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "INTEGRATED RESONANT BOOST CONVERTER FOR PHOTOVOLTAIC APPLICATIONS" has been carried out by SRIDHAR PATIL (10X15EE086), SACHIN AYLI (10X15EE075), SUHAS Y (10X15EE088), MOHAN RAJ R (10X15EE63) bona fide students of The Oxford College Of Engineering, Bangalore in partial fulfilment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Mrs. Manjula C Internal guide Assistant Prof, EEE Dr. V S BHARATH

Head of Department

EFF
Professor & Head EEE

The Oxford College of Engg.
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Dr. R.W. Praveena Gowda

PEINCIPPI PRAVEENA GOWDA

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

Name of the Examiners:

1. Ruma Sinha

2. Dr. Bharoth was

Signature with Date:

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Department of Electrical and Electronics Engineering



This is to certify that the project work entitled "DESIGN AND IMPLEMENTATION OF SOLAR MPPT CONVERTER FOR GRID" has been carried out by AKASH S (10X15EE073), SRIDEVI T T (10X15EE085), SUMANTH S (1OX15EE090), VIJAYALAKSHMI V (10X15EE100) 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 Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Nishar CiDan Mrs. NISHA C RANI

Associate Professor Dept. of EEE

Name of the Examiners:

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1. Dr. Bhar ath. V. S.

HOSUR ROAD, BOMMANAHALLI, BANGALORE—560068 (Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)

Department of Electrical and Electronics Engineering



This is to certify that the Project work entitled "VEHICLE ACCIDENT PREVENTION SYSTEM WITH ALCOHOLIC DETECTOR USING G **PREETHAM** A by out been carried IOT" has (10X15EE060),RAFHIK(10X15EE064),MANOJKUMAR H(10X15EE410),PRADEEP . KUMAR(10X15EE416) bonafide student of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.It is certified that all suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Signature of the Guide Mrs.RESNA.S.R Signature of the Hod Signature of the Principal Signature of the Principal Dr. BHARATH V. S. Dr. R. V. PRAVEENA GOWDA The Oxford College of Face Signature with Date:

Name of the Examiners:

Bommanahalli, Hosur Road The Oxford Col Bangalore-560 068 Bommanah

Signattire with Date: pe Oxford College of Engineering Bornmanahalli, Hosur Road Miseogalan 560 068.

DC 13/6/19

The Oxford College of Engineering

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

(Affiliated to VTU and Approved by AICTE Accredited by NAAC and NBA)



CERTIFICATE

This is to certify that the following students,

POOJA J R

(10X15EE057)

SANGEETHA M S

(1OX15EE076)

SHWETARANI

(1OX15EE082)

MALATESH MALABER

(1OX16EE408)

Bonafide students of The Oxford College of Engineering, the project work entitled "SOLDIER HEALTH STATUS & POSITION TRACKING 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 2018-2019. It is certified that all suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project work has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree of Bachelor of Engineering.

Ms. Deepa.R

External Viva

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Bangalore-560 068

re of Principal

Dr. R.V Práveena Gowua Dr. R.V. PRAVEENA GOWDA

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Signature with date

Name of the Examiners:

1. Dr. Rhavethers.

2 Ruma Sinha

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Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "DESGIN AND DEVELOPMENT OF FAULT DETECTION AND PROTECTION SYSTEM FOR A THREE PHASE OVERHEAD TRANSMISSION LINE" has been carried out by "A AFNANULLA (10X14EE001), GOUTHAM G (10X14EE032), UMME HAANI (10X14EE107), ROOHULLA KHAN (10X13EE074)" 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 Visvesvaraya Technological University, Belgaum during the year 2018-2019.

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

Mrs. B Devl Vighneshwari

Associate Professor Dept. of EEE, TOCE Professor & Head EEE

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Bommanahalli, Hosur Road

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Dr. RV Praveena Gowda

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College of Engineering Boilinanahalli, Hosur Road

Bengaluro-560 068.

17/6/19

Name of the Examiners:

1. Dr Bharath. V.S.

2. Ruma Sinha

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled "WIRELESS SPEED AND DIRECTION CONTROL OF MULTIPLE DC MOTORS USING RADIO FREQUENCY

TECHNOLOGY" is a bonafied work carried out by WILLIAM G (10X14EE112), MALLIKARJUN POLICE PATIL (10X15EE410), PRATHAP D V (10X13EE066) & HARSHA S (10X15EE405) in partial fulfilment for the award of BACHELOR OF ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as satisfies the academic requirements in respect of project work prescribed for degree of Bachelor of Engineering.

Asst Prof. Dept of EEE

Professor &

The HOXPORPED ON LINES.

Bommanahalli, Hosur Road Bangalore-560 068

Dr. R.V. Praveena Gowda

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

Name of the Examiners:

1. Dr. Rharah. V.s. 2. Ruma Sinha

Signature with Date:

Stum 21/6/19 De 11/6/19

Bommanahalli, Hosur Road, Bangalore – 560068

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that work entitled "ROBOT CONTROL BY USING HUMAN HAND GESTURES" is a bonafied work carried out by MOHAMMED IBRAHIM (10X15EE412), POWELLS JOHN (10X13EE062), MD UMAR (10X14EE411) & AARON D SHANE (10X14EE003)in partial fulfilment for the award of BACHELOR OF ENGINEERING in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been

approved as satisfies the academic requirements in respect of project work prescribed for degree of

Bachelor of Engineering.

Mrs. Nisha C Rani

Asst Prof, Dept of EEE

Dr. V.S. Bharath

Dr. A.S. Aravind

H.O.D., Dept. of EEE Professor & Head EEE The Oxford College of Engineering

The Oxford College of Engg. Bommanahalli, Hosur Road

Bommanahalli, Hosur Road Bengaluru-560 068.

PRINCIPAL

Bangalore-580 068

Signature with Date:

Name of the Examiners:

1. K, Gophnoth 2. DEEPA-R

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 "Voice Controlled Chair Using Theo - Jansen Mechanism." Is an authentic record of the project work carried out by S. S. Shiva Moorthy (10X15ME067) S. Rahul Athreya (10X15ME068)Guru (10X15ME076) Shiva Nandan.N (10X15ME085) in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering from Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Signature of HOD

Signature of Principal

DEPARTMENT OF Prof. Madhu Sudana Reddy GTHE Br. Mahendra M Dhongadi ERING Dr. R. V. Praveena Gowda WDA

TOMMANAMALLI, BANGALORE-560068 The Oxford College of Engineering

Bommanahalli, Hosur Road Signature with date 068.

Examiners:

Bommanahalli, Hosur Road, Bangalore – 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

This is to Certified that the Project entitled "CONSTRUCTION OF LIP MOVEMENT CONTROLLED ROBOT" has been carried out by ROHIT R (10X15ME066), SANJAYKANTH N (10X15ME077), SHAIK MUSSADDIQ UR RAHMAN (10X15ME081), PRATHAM B PATIL (10X16ME409) Bonafede students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2015-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said degree.

GUIDE

HOD

Prof. Nagaraja T V

Dr. Mahindra M Dhongadi

Dr. R WPraveena Gowda

PRINCIPAL

Dept. of ME

Professorand HOD MEAD

Principal, TOCE

DEPARTMENT OF MECHANICAL ENGINEERING Dr. R.V. PRAVERNA GOWDA
THE OXFORD COLLEGE OF ENGINEERING PROMOTRAL

BOMMANAHALLE, BANGALORE-560068 The Oxford College of Engineering Bommanahalle, Hosur Road

Bengaluru 350 008.

Examiners:

1. Do Mahondra TI. D

2

Signature with date

13/6/10

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

Department of Mechanical Engineering



CERTIFICATE

This is to certified that the Project work entitled "MICROCONTROLLER BASED AUTOMATIC INTELLIGENT CAR PARKING SYSTEM" is an authentic record of the project work has been carried out by the students NABEEL NASIR (10X15ME055), NISHANTH M (10X15ME058), S NISHANK JADHAV (10X15ME102), BENHANAN THEODORE (10X15ME021), bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Project Report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for the said degree.

Project Guide

PESSSOR & TILLINGINEERING CONTROL ENGINEERING PRIVE CONTROL ENGINEERING PRIVE Praveena Gowda

Principal, TOCE

BoMechanical Engineering Dr. R.V. PRAVEENA GOWDA

PRINCIPAL The Oxford College of Engineering

Bommanahaili, Hosur Road Bengaluru-560 068.

External Viva

Name of Examiners

Signature with Date

1. De rouhendro. 101. De 2. Cunday petha

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

Department of Mechanical Engineering



CERTIFICATE

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Project Guide

Dr. R. Prave na Gowda

THE CLOSE BUTCHIOLD, DEPRINEERING Principal, TOCE BOMMACIAINICAL Dingingering

The Oxford Counside of Engineering Bommannhalli, Hosur Road

Bengaluru-560 068.

External Viva

Name of Examiners

Dy mahondro. M.D Surolace Cher

Signature with Date

MA GOWDA

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

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to Certify that the project work entitled "AUTOMATIC RAILWAY TRACK CRACK DETECTION SYSTEM USING IR SENSORS" is a bonafied work carried out by MR.SAMMED MAHAVEER PATIL (1015ME074), MR.UMESH M (10X15ME095), **GOPALA** (10X15ME097),**MR.VINAY VEERAPPA PARANGI** MR.VENU (10X15ME100) students of The Oxford College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belagavi during the year 2018 - 2019. 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

Mr. RAVIRAKASH M

Signature of the Principal

DRA M DHONGADINEERIDI. PRAVEENA GOWDA RD COLLEGE OF ENGINEERINGT. R

BOMMANAHALLI, BANGALORE-560068

The Oxford College of Enginee

Bommanahalli, Hosur Road

Name of Examiners:

1. De rocatendro con. D

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 "Voice Controlled Chair Using Theo - Jansen Mechanism." Is an authentic record of the project work carried out by S. S. Shiva Moorthy (10X15ME067) S. Rahul Athreya (10X15ME068) Sanjay.R (10X15ME076) Shiva Nandan.N (10X15ME085) in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering from Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Signature of HOD

Prof. Madhu Sudana Reddy G

Dr. Mahendra M Dhongadi THE OXFORD COLLEG BOMMANAMALLI, BANGALORE-560068

Signature of Principal Dr. R.V. PRAV SENA GOWDA

Dr. R.V.Praveena Gowda

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

Examiners:

1) De Mahendra. T.T.D

Signature with date

DEPARTMENT OF MECHANICAL ENGINEERING

BOMMANAHALLI, BENGALURU - 560068



CERTIFICATE

Certified that the Project work entitled "DESIGN AND FABRICATION OF OPEN TOP MOTOR VEHICLE BODY USING 150CC ENGINE FOR MILITARY VEHICLE" is carried out by the following students of Mechanical Engineering in partial fulfilment for the award of BACHELOR OF ENGINEERING in MECHANICAL ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the year 2018-19 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.

MAHAMMADAHUSEN N [10X15ME046]

MANU SHREE D C [10X15ME051]

PRASANNA G S [10X16ME408]

RAJAN [10X16ME410]

Mr.MADHU SUDANA REDDY.G

Associate Professor

Dr.MAHENBRASMIDHONGADI
DEPARTMENTESSHEWHODL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALIA, BANGALORE-550068

Dr.R.V PRAVEENA GOWDA

Or. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Signature with date

Bommanahalli, Hosur Road

Bengaluru-560 068

Name of the examiner

1. Dr morbudro M.D.

2. Thirty Pray?

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

Department of Mechanical Engineering



CERTIFICATE

This is to certified that the Project work entitled "DESIGN AND FABRICATION OF SEMI-AUTOMATIC CEMENT PLASTERING MACHINE" is an authentic record of the project work has been carried out by the students ABU JAMES (10X15ME003), AMITH PRAKASH (10X15ME010), B. MONISH KRISHNA (10X15ME019), BENSON M.B (10X15ME022), bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. BACHILK

Guide

Dr. MAHENDRA M DHONGADI

Professor and H.O.D

DEPLOTENTICADA HEAD

DEPARTMER IN COLUMN THE AD DEPARTMENT OF THE OWNER OWNER OF THE OWNER OWNER

=a, 10.6.19

THE OXFORD COLLEGE OF ENGINEERING BOMMANAHALLI, BANGALORE-560068

External Viva

Name of Examiners

1. Dr materaro, Fl. D

2. Lundoererter

I ngod,

Dr. R.V

TRENCIPAL TOCK Engineering

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Bendaluru-560 088.

ngod

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

Department of Mechanical Engineering



CERTIFICATE

This is to certified that the Project work entitled "DESIGN AND FABRICATION OF EFFORT-LESS BULLOCK CART FOR AGRICULTURAL APPLICATIONS" is an authentic record of the project work has been carried out by the students K P DAMODHAR REDDY (10X15ME027),GANESH N (10X15ME033),**KALYAN KUMARA** A(10X15ME042), MANOHAR A P (10X15ME049), bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Project Report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for the said degree

Mr Rangu P

Assistant Professor Project Guide

Dr. Mahendra M Dhongadi PROFESSSOR & HEAD

DEPARTMEND DEPARTMENT ENGINEERING

THE OXFORD COLLEGE OF ENGINEERINGDE, R.V. PRAVEENA GOWDA BOMMANAHALLE, BANGALORE-550068 PRINCIPAL

External Viva

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

Dr. R.V Praveena Gowda

Principal, TOCE

Name of Examiners

maken dra. M. D

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Department of Mechanical Engineering



CERTIFICATE

This is to certified that the Project work entitled "DESIGN AND FABRICATION OF REMOTE-CONTROLLED MACHINE FOR MULTI PURPOSE APPLICATIONS" is an authentic record of the project work has been carried out by the students ANIL KUMAR B K (10X15ME013), MD SAMRE ALAM (10X15ME052), ASHYUN THAPA MAGAR (10X15ME104), BIBEK SHARMA (10X15ME105), bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Project Report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for the said degree.

Prof. T.V. NAGARAJA

Project Guide

Dr. Mahendra M Dhongadi NEERINOr. R.V Praveena Gowda

THrofessor and H.O.D. Dept. 560068 Principal, TOCE

Bot Mechanical Engineering

Dr. R.V. PRAVEENA GOWDA
PRINCIPAL

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

External Viva

Name of Examiners

1. Dr rorohandra. M.D.

2. Simon GEORGE

Signature with Date

Jimes Cerso

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project entitled "Evaluation of Antibacterial, Anti Inflammatory, Antioxidant and Anti Cancer potential of Plant Extract from Spondias pinnata and Pimenta dioica" was submitted by Afiya Kousar (10X15BT003), Gagana B (10X15BT014), Neha H L (10X15BT024) and Punya L Gowda (10X15BT033) in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 - 2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Name and Signature of Project Guide

Name and Signature of the HOLD, V. Signature of the Principal PRINCIPAL

The Oxford College of Engineering Bomma Signature with dairing Bengature 550 068.

2. By Mayer at - Mayering 1999.

(Affiliated to Visvesvaraya Technological University, Belagavi) BOMMANAHALLI, BANGALORE-560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "EVALUATION OF ANTI BACTERIAL, ANTI INFLAMMATORY AND ANTI CANCER ACTIVITY OF MEDICINAL PLANTS" carried out by AFRIN KHANUM L (10X15BT004), KRUTHIKA S (10X15BT018) and SHREEYA DHAYALAN (10X15BT042), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of the Visvesvaraya Technological University, Belagavi during the academic year 2018 – 2019. It is certified that all corrections indicated during internal assessment have been incorporated in the report and deposited in the department library. The project has been approved as it satisfies the academic requirements in the respect of project work prescribed for the said degree.

Project Br. Head

Dept. of Br. Head

Dept. of Br. Head

TOCE

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BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "Design of Air Pollution Filter Silk by Synthesis of Nano Green Particles and its Evaluation" carried out by Anupama.G, USN 10X15BT005, Bindushri.V, USN 10X15BT010, Priyanka.R.M, USN 10X15BT032 bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 – 2019. The phase two project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Internal Guide

Signature of HOTO

Signature of Principal

Mrs. Aswathi Unnikrishnan

Dr.B.K. Manjunatha D MANJUNATHA

Dr. R. V. Praveena Gowda

Professor & Head
Dr. R.V. PRAVEENA GOWDA

Department of Biotechnology
The Oxford College of Engineering
Bengaluru-560 068.

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

Bengaluru-560 068.

Bengaluru-560 068.

External Viva

Name of the examiners

Signature with date

1

2. Dr. Ryket Sty

Rys Sylds.

(Affiliated to Visvesvaraya Technological University, Belgavi) BOMMANAHALLI, BANGALORE - 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled "Studies on purification of chitosan for biomedical applications" carried out by Ms. APOORVA. L (USN 10X15BT006), Ms. POOJA. S (USN 10X15BT028) and Ms. VIDHYA. B. A(USN 10X15BT047), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belgavi during the year 2018-19. 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. BK MANJUNATHA

Professor Head

Department of Biotechnology

B.K. Manjunatha

External Viva

Name of the examiners

2. Dr. be maignen

Signature with date

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

Dr. R.V. PRAVELNA GOWDA

(Affiliated to Visvesvaraya Technological University, Belgavi)

BOMMANAHALLI, BANGALORE - 560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled "A study on the effect of inorganic components in by carried out composites for biomedical applications" chitosan Ms.Balikai Prerana Prakash (10X15BT007), Ms.P.V.Vismitha (10X15BT027), Ms. Prava Sharma (10X15BT031), Ms. Shravya Velamala (10X15BT041), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the the BIOTECHNOLOGY Engineering in Bachelor of award of Visvesvaraya Technological University, Belgavi during the year 2018-19. 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 Assistant Professor Dept.of BT Dr.B.K.Manjunatha

Dept. of BT Dr. B.K MANJUNATHA

Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaiuru-560 068.

Dr.R.V.Praveena Gowda Principal TOCE

External Viva

Name of the examiners

1.

2

Signature with date

Bommanahalli, Bangalore-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "Machine Learning and Artificial Intelligence Modelling of Biological Indexes in Drug Discovery" carried out by -CHAITHANYA R USN 10X15BT011, DIVYA S USN 10X15BT013, SHEEBA R USN 10X15BT039, TAHMINA ASLAM USN 10X15BT044, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in the partial fulfillment for the award of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belagavi during the academic year 2018 - 2019. It is certified that all corrections/suggestions indicated during internal assessment have been approved 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.

Mrs. Arathi Suvatha **Project Guide**

Dept. of BT

External Viva

Dr. B.K MANJUNATHA

Dept. of B1

Professor & Head Department of Biotechnology The Oxford College of Engineering

Bengaluru-560 068

Name of the Examiners

Signature with date

The Oxford College of Engineering Bommanaballi, Hosur Road Bongaluru-550 068.

Printipal

dna Gowda

AVEENA GOWDA

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the Project entitled "Breast cancer classification based on principle component analysis and gene expression analysis associated Molecular Biomarkers identification and its therapeutic applications" was carried out by DEEPIKA M (10X15BT012), LAKSHMI K (10X15BT019) and P KAROLINE (10X15BT026), a bonafide student of The Oxford College Of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018–2019. The Project has been approved as it satisfies the academic requirements in respect of Project one prescribed for the said degree.

Name & Signature of the Guide

Professor & right of Department of Biotechnology

Department of Biotechnology

The Oxford College of Engineering

Signature with date

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

Name of the examiners

8 311

BOMMANAHALLI, BENGALURU-560068 (Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled "DEVELOPMENT OF BIOSPECIMEN COLLECTION AND ROOM TEMPERATURE STORAGE SYSTEM FOR POTENTIAL APPLICATIONS IN GENOMICS" carried out by Ms. KALA SAI SARWANI, USN 10X15BT016 &Ms. H. GEETHA BAI, USN 10X15BT015, a bonafied student of The Oxford College of Engineeringin partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 - 2019. It is certified that all corrections/suggestion indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Mr. Diyakara R **Project Guide** Dept. of BT

External viva

Department of Biotechnology

Dr. R V PraveenaGowda Principal

Droce PRAVEENA GOWDA

PRINCIPAL The Oxford College of Engine The Oxford College of Engineering Bommanahalii, Hosur Road Bengaluru-550 068.

Bengaluru-560 068.

Signature and Date

Name of the examiner

BOMMANAHALLI, BENGALURU-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "IN-VITRO PROPAGATION OF LEUCAS ASPERA" is a bonafied work presented by KAVYA H.R. USN 10X15BT017 in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvarya Technological University, Belagavi, during the academic year 2018 – 2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Yhuyfaeili Prof. Salma Kausar .M

Project Guide Dept. of BT Dr. B.K Manjunatha

Dept. of BT

r. R.V Praveena Gowda

Principal TOCE PRINCIPAL

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

External Viva

Name of Examiner

1. Dr de magnan 2. Dr Rjude Sryk Signature with date

(Affiliated to Visvesvaraya Technological University, Belagavi) BOMMANAHALLI, BANGALORE-560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "Portable bioreactor for Ex-situ remediation of PAHs using fungal consortium developed" has been carried out by Manoj S USN 10X15BT022, Nikhil P USN 10X15BT025, Rakshith KS USN 10X15BT036, V Ashwin USN 10X15BT046, bonafide students of The Oxford College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the year 2018-2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dept. of Biotechnology (Dr. B. K. Manjunatha)

HOD Dept. of Biotechnology Dr. B.K MANJUNATHA

Professor & Head

Department of Bloteshnoisey The Oxford College of Englishering Bengaluru-560 068.

Name of the examiners

External Viva

1. Dr. Ragendra Singh 2. Dr. Me, Mayerrake

Principal POCE

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

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Signature With date 0 068.

May mio

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the seminar work entitled "LUNG CANCER CLASSIFICATION AND IDENTIFICATION OF NOVEL BIOMARKERS AND THEIR ASSOCIATED ROLES IN THERAPEUTIC APPLICATIONS", was presented by POOJA V (10X15BT029) and VIDYA SHREE D (10X15BT048) in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 – 2019. The seminar report has been approved as it satisfies the academic requirements in respect of seminar work prescribed for the said degree.

Ms. Arati Suvata

Project Guide

Dept. of BT

Dr. B. K. Manjusarin Profession P

The Oxford College of Engineering
Bengaluru-560 068.

Dr. R. V. Praveena Gowda

Dr. R.Rrineipal BENA GOWDA

The Oxford College of Engineering Bommanahalli, Hosur Road

Bengaluru-560 068.

Signature with Date

External Viva

Name of the examiners

1. Orese man

2. Dr. Rjad Syle

(Affiliated to Visvesvaraya Technological University, Belagavi)
BOMMANAHALLI, BANGALORE-560068

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the project work entitled "Development of Bionanocomposites for Toxic Dye Removal" was presented by Prathiksha M K, USN 10X15BT030 and Saceda Fiza Simran, USN 10X15BT038 in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 – 2019. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dr. Gangadhar Gouripur

Project Guide

Dept. of Biotechnology

Dr. B K Manjunatha HOD

Dept. of Biotechnology

Dr. B.K MANJUNATHA
Professor & Head

Department of Biotechnology

The Oxford College of Engineering

Bengaluru-560 068.

Dr. R V Praveena Gowda

Principal

The Oxford College of Engineering

Dr. R.V. PRAVEENA GO

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-580 068.

Signature with date

Name of the examiners

4

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Certified that the project work entitled Screening of molecular modelling studies of novel naphthalene-catechol derivatives against SOD1: Determination of drug lead against Amyotrophic Lateral Sclerosis" carried out by Ms. VIDHYASHREE.R(10X15BT035) and Ms. SHOPHIYA.S(10X15BT040), a bonafide students of The Oxford College of engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of the Visvesvaraya Technological University, Belgaum during the year 2018-2019 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. Gangadhar Gouripur

Project Internal Guide

Dept of BT

External Viva

Dr Dr.B.K. Manimatha HOD and Dean R&D

Dept of BT

Dr. B.K MANJUNATHA

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

Name of the examiner

1. 2. Dr. Rys Cy PRINCIPAL PRINCIPAL

DrRVP

Commanahalli, Hosur Road Bengaluru-560 068.

Signature with date

2 37

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

Study on Phenolic Extracts (Lignans) from Leucas species" carried out by DEEPTI K. USN 10X14BT012 and UMME HANI USN 10X15BT045, bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of degree of Bachelor of Engineering in BIOTECHNOLOGY of the Visvesvaraya Technological University, Belagavi, during the academic year 2018 – 2019. It is certified that all the corrections/suggestions indicated during internal assessment have been incorporated in the report. The Project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Ms. Salma Kausar M Project Guide Dept. of BT

Department, of BT Department of Engineering

Bengaluru-560 068.

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

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

External Viva

Name of examiners

2. Dr. Rynt

Signature with date

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Department of Civil Engineering

Certificate

This is to certify that the project work entitled Analysis of travel time and speed flow relationship of heterogeneous traffic case study of selected stretch of silk board to sarjapuris a bonafide work carried out by

| GANESH TADASALUR | 1OX16CV407 |
|-------------------------|------------|
| MALLIKARJUN G HANAGANDI | 1OX16CV409 |
| MOUNESH | 10X16CV412 |
| SUNIL KUMARA T N | 10X16CV418 |

in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belgaum, during the year 2018-19. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this thesis satisfies the academic requirement in respect of project work prescribed for the degree.

Signature of Internal Guide

Dr. TSM Head of the Department.

NA GOWDA

Head of the Department The Oxford College of Engineering Department of Civil EngineeringBommanahali, Hosur Road

University Examiners: The Oxford College of Engineering Bengalury-560 068.

Bangalore - 560 068.

1

Signature of Examiner

Signature of Examiner-1

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the "FOUNDATION PROTECTION SYSTEM USING MICROPILES" is a bonafide work carried out Ms.C SUSHMA, Ms.INCHARA V R, Ms ASHWINI J, Ms.CHITHRA M in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from The Oxford College of Engineering under Visveswaraya Technological University, Belgaum for the year 2018-2019. The internship report has been approved as it satisfies the academic requirement in respect of the internship report prescribed for the said degree.

Project Guide

Mr. MAHESH KUMAR S

Asst. Professor

External guide

Mr. R.RAMANATHAN

SCIENTIST/ENGINEER 'SE'

URSC-ISRO, BENGALURU

Dr. TS MALLESHAIAH

Department of Civil Engineering, TOCE

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

Examiner Bangalore - 560 068.

incipal

Dr. R V PRAVEENA GOWDA

TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

THE OXFORD COLLEGE OF ENGINEERING BOMMANAHALLI, BENGALURU-560068



CERTIFICATE

A STUDY ON FIBRE REINFORCED CONCRETE This is to certify that the project work entitled

Carried out by Vinay (10x15cv108), Veerabhadra (10x15cv104), Dhanalakshmi (10x15cv116), Sanjay (10x15cv088) are bonafide students of The Oxford College Of Engineering . In partial fulfilment for the award of the Degree of Bachelor of Engineering. Prescribed by Visvesvaraya Technological University, Belagavi during the academic year 2018-2019. It is certified that all the suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library, the project report has been approved as it certifies the academic requirements in respect of project work prescribed for the said degree.

Dr. Malleshail

Head of the Department

Detect method particular incering

The Oxford College of Engineering Department of Civil Engineering. Bangalore - 560 068.

Project Guide

Department of Civil Engineering

Praveena gowda

Principle of the college

Dr. R.V. PRAYEENA GOWDA PRINCIPAL

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

signature

Examiner

1) Dr Malley

8th Mile Stone, Bommanahalli, Hour Road, Bangalore – 560 068. (Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that the project work entitled "Study on Compression and Split tensile strength of Green concrete carried out byMr. AKASH RAJAPUT, Mr. BASAVARAJU H M, Mr. KARTHIK S, Mr. VENKATESH PRASAD N a bonafide student of "THE OXFORD COLLEGE OF ENGINEERING" in partial fulfillment for the award of degree of BACHELOR OF ENGINEERING" in "CIVIL ENGINEERING" of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is to certify that all suggestions and corrections indicated for the internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the B.E degree.

Assistant professor, Dept. of civil T.O.C.E. Bengaluru.

Department of Civil Engineering The Oxford College of Engineering The Oxford College of Enginee

Bangalore - 560 068.

External viva:

Dr. R.V. PARAMEENA GOW T.O.C.B. Bengaturu

Bommanahalli, Hosur Road Bengaluro-580 068.

Name of the Examiners

Signature with Date

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Project "INTERLINKING OF RIVERS" is a bonafide work carried out by Mr. ABDUL RASHEED N (10X15CV001), Mr. ARIF BHEEMANNA(10X15CV014), (1OX15CV012), Mr. PASHA HARSHAVARDHAN R(10X15CV025) in the partial fullfilment of award of the degree in BE IN CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The Project report has been approved as it satisfies the academic requirement in respect of the Project prescribed for the said degree.

External Examiner

1. Dr malled 2. Elavorase'. V

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering Bangalore - 560 068.

Ochom 14/2

Dr. R.V. PRAVEEN PRINCIPAL The Oxford College of Engine

Bommanahalli, Hosur Roi Bengaluru-560 068.

(Affiliated to Visvesvaraya Technological University, Belagavi)

Bommanahalli, Bangalore - 560068

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled by "GEOPOLYMER MORTAR" carried out by following bonafide students of The Oxford College of Engineering, IMSULONG JAMIR (10X15CV027), MERENBENLA AIER (10X15CV055), MOASUNEP JAMIR (10X15CV057), TAMU BAGANG (10X15CV100) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions 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 report prescribed for the said degree.

Dr. T S MALLESHAIAH

Project Guide

HOD(Civil dept, TOCE)

Principal

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Bengsture-580 068.

EXTERNAL VIVA

Name of the Examiners

Signature / Date

6

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the seminar on STUDY OF STRENGTH EFFICIENCY OF NANO CONCRETE is a bonafide work carried out by Mr AKASH L (10X15CV003), Ms BINDU C S (10X16CV402) ,Mr LIKHITH M (10X15CV049) , Mr SRISHAIL SAJJAN (10X16CV417) in the partial fulfilment of award of the degree in BE IN CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The seminar report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree

ROJECTIGUIDE Ms RAMYA A V

Asst. Professor

Dr. T S MALLESHAIAH

Department of Civil Engineering, TOCE

Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

Bangalore - 560 068.

Dr. R.V. 日 PPHICE MA GOWDA

Oxford College of Engineer
Bommanal elli, Hosur Road

Bengaluru-560 068.

Blaver

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "TREATMENT OF DAIRY WASTEWATER BY USING ANAEROBIC UPFLOW REACTOR"is a bonafied work DEEPAK(1OX16CV408), VELROY M by carried out (10X15CV115),S SHEIKH (10X15CV105),ZAHOOR AHMAD SHREYA(10X15CV079) in the partial fulfilment for the award of Bachelor of Engineering (civil) from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The Project report has been approved as it satisfies the academic requirement in respect of the Project work prescribed for the said degree.

Head of the Department

Department of Civil Engineering The Oxford College of Engineering BHODore - 560 068.

Dr.T S MALLESHAIAH Dept. of Civil Engineering, TOCE

External viva

Ms. KAVYA S K

Asst. Prof., Civil

Name of the Examiners

Principal

Dr. R V PRAVEENA GOWD

Dr. R.V. PREVEENA GOWDA PRINCIPAL

The Oxford College of Engineeril Signature with date sur

Hosur Road, Bommanahalli, Bangalore-560068

(Affiliated to VTU and approved by AICTE Accredited by NAAC and NBA)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that the Project work entitled "AN EXPERIMENTAL STUDY ON BEHAVIOUR OF ENGINEERED CEMENTITIOUS COMPOSITE" carried out by CHIRANJEEVI S (10X15CV016), KUMAR(10X15CV045), POOJA.N(10X15CV068), SHARANABASAVA(10X15CV091), a bonafied students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of degree of Bachelor of Engineering in CIVIL ENGINEERING of Visvesvaraya Technological University, Belgaum during the academic year 2018-19. It is certified that all the corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Project work has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

Signature of the Guide Mrs. SUJATA G Signature of the HOD
Dr.T.S.MALLESHAIAH

Name of the Examiners:

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

Bangalore - 560 068.

Signature of the Principal

Dr. R.V. PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

The Oxford College of Engineeric Burnature with dates Road Bungaluru-560 068.

THEOXFORDCOLLEGEOFENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the "ANALYSIS AND DESIGN OF MULTI STORIED RESEDENTIAL BUILDING SUBJECTED TO LATERAL FORCES USING STAADPRO " is a bonafide work carried out by Ms DEEPIKA S, Ms. HARSHITHA R ,Mr. MAHESHA S M, Mr. SYED NABEEL ABBAS .in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The internship report has been approved as it satisfies the academic requirement in respect of the internship report prescribed for the said degree.

Insernal Guide Mr. RESHMA H K Asst. Professor

Dr. T S MALLESHAIAH

Department of Civil Engineering, TOCE

Head of the Department Department of Civil Engineering The Oxford College of Engineering ExaminBangalore - 560 068,

1). Elavarasi V

Dr. R V PRAVEENA GOWDA Dr. R.V. PRANGENA GOWDA PRINCIPAL

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

RENGALUKU - 500000 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that the project work entitled "WATER QUALITY ASSESSMENT FOR carried out by Karthik (10X15CV036), Lavanya B MADIWALA LAKE" (10X15CV048), Manjunath K (10X15CV053), Moulika Shetty M (10X16CV411) are bonafied students of THE OXFORD COLLEGE OF ENGINEERING in the fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi, during the year 2018-2019. It is certified that all corrections / suggestions indicated for Internal Assessment have been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering.

Ms. Kavya S K Asst. Professor

Dr. T S Malleshaiah Dept. of Civil Engineering Head of the Department

Department of Civil Engineering

The Oxford College of Engineering

Bangalore - 560 068.

Dr. R V Praveena Gowda The Oxford College of

Engineering

Dr. R.V. PRAVEENA GOWD PRINCIPAL

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

External Viva

Name of the examiners

The Oxford College Of Engineering

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



Department of Civil Engineering

Certificate

This is to certify that the project work entitled Smart Roads(Using Piezoelectric Sensors)

is a bonafide work carried out by

| Pramukh K A | 10X15CV069 |
|----------------|------------|
| Priyanka R | 10X15CV071 |
| Rujath Gowda B | 10X15CV078 |
| Sachin Poojary | 10X15CV083 |

in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belgaum, during the year 2018-19. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this thesis satisfies the academic requirement in respect of project work prescribed for the degree.

Head of the Department

Name and Signature of Departmental fier Departmenting The Order Pollege of Engineering Internal Guide

The Galard College of Engineering Lungalore - 560 068.

AVEENĂ GOWDA PRINCIPAL

Bengalahalli, Hosur Road Bengaluru-560 068.

University Examiners:

Non e and Signature of Examiner-1

Elavarale, V Wlan



Department of Civil Engineering

Certificate

This is to certify that the project work entitled "PLASTIC ROADS" is a bonafide work carried out by

RACHEL LALMUANSANGI
SANTHOSH K
VRINDA R
10X15CV073
10X15CV090
10X15CV112
10X15CV113

in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belgaum, during the year 2018-19. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this thesis satisfies the academic requirement in respect of project work prescribed for the degree.

Mr.PRASHANTH HATWAR T S

Signature of Internal Guide Dr.T S MALLESHAIAH

Head of the Department.

Head of the Department

Dr.R V PRAVEENA

DERENA GOWE

Principa RINCIPAL

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Bangalore - 560 068.

Bengaluru-560 068.

University Examiners:

nature of Examiner-1 Well

Signature of Examiner-2

THEOXFORDCOLLEGEOFENGINEERING BENGALURU – 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the "ANALYSIS AND DESIGN OF MULTI STORIED RESEDENTIAL BUILDING SUBJECTED TO LATERAL FORCES USING STAADPRO" is a bonafide work carried out by Ms DEEPIKAS, Ms. HARSHITHAR, Mr. MAHESHAS M, Mr. SYED NABEEL ABBAS in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The internship report has been approved as it satisfies the academic requirement in respect of the internship report prescribed for the said degree.

Internal Guide Ms. RESHMA H K Asst. Professor

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Dr. T S MALLESHAIAH

Department of Civil Engineering, TOCE

Head of the Department
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2) Elavarasi V

Principal

Dr. R V PRAVEENA GOWDA

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

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THE OXFORD COLLEGE OF ENGINEERING BENGALURU – 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Project work entitled "TREATMENT OF DAIRY WASTEWATER BY USING ANAEROBIC UPFLOW REACTOR" is a bonafied work carried out by M DEEPAK(10X16CV408), VELROY FALERO (10X15CV105), ZAHOOR AHMAD SHEIKH (10X15CV115), S SHREYA(10X15CV079) in the partial fulfilment for the award of Bachelor of Engineering (civil) from The OxfordCollege of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The Project report has been approved as it satisfies the academic requirement in respect of the Project work prescribed for the said degree.

Guide

Ms. KAVYA S K
Asst. Prof., Civil

Head of the Department
Department of Civil Engineering
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Dr.T S MALLESHAIAH
Dept. of Civil Engineering, TOCE

U Principal

Dr. R V PRAVEENA GOWDA

Dr. R.VI®©©VEENA GOWDA

PRINCIPAL
The Oxford College of Engineering
Signature with date and

External viva

Name of the Examiners

1

2

Elavarusi V

15/6

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project "RECYCLED COARSE AGGREGATES IN CONSTRUCTION WORKS" is a bonafide work carried out by TEJAS S REDDY (10X15CV101), MAHESH G D (10X14CV039), MOHAMMED SALMAN (10X14CV094), RAMAKRISHNA SB (10X15CV076) in the partial fulfilment of the project in VIII Semester Bachelor of Engineering in Civil Engineering from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The project report has been approved as it satisfies the academic requirement in respect of the project prescribed for the said degree.

Internal Guide

Dr. T S MALLESHAIAH PROFESSOR, HOD

Department of Civil Engineering

Bangalore - 560 068.

Dr. R V PRAVEENA GOWDA

Principal

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Dr. R.V. PRAVEENA GOWDA

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

DEPARTMENTOF CIVIL ENGINEERING



CERTIFICATE

Certified that the Internship work entitled "STABALIZATION OF BLACK COTTON SOIL USING GGBS"carriedoutbyAKSHATHA S(10X15CV005),ANIL KUMAR S M(10X15CV011)*IRFAN G(10X15CV029), JAYALAKSHMI R M(10X15CV032), a bonafide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of degree of Bachelor of Engineering in CIVIL ENGINEERING of Visvesvaraya Technological University, Belgaum during the academicyear2018-19.ltiscertifiedthatallthecorrections/suggestionsindicatedforInternalAssessment have been incorporated in the report. The Internship work has been approved as it satisfies the academic requirements in respect of internship work prescribed for the saiddegree.

Signature of the Guide Ms.KRITHIKA M

Signature of the HOD Dr.T.S.MALLESHAIAH Head of the Department Department of Civil Engineering

The Oxford College of Engineering Name of the Examiners: Baugalore - 500 768.

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

Dr. R.V. PRAVEENA GOWD PRINCIPAL

guature with dates: noon Bengaluru-580 068.

THE OXFORD COLLEGE OF ENGINEERING BENGALURU - 560068 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the "STRENGTH OF GEOPOLYMER CONCRETE BY USING SUGARCANE BAGASSE ASH " is a bonafide work carried out by

Mr HARISH.S,Mr KRISHAN KUMAR , Mr KUMARA MUNI.M ,Mr MADHU.N in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. The project report has been approved as it satisfies the academic requirement in respect of the project report prescribed for the said degree.

Internal Guide Ms. SHRADHA J Asst. Professor

Dr. T S MALLESHAIAH

Department of Civil Engineering

TOGE of the Department

Department of Civil Engineering

The Oxford College of Engineering Bangalore - 560 068.

2)

Dr. R V PRAVEENA

DETOCE RAVEENA GOWDA PRINCIPAL

The Oxford Counge of Engineering Bommenaham Hosur Road Bengalury 560 068.

(Affiliated to Visvesvaraya Technological University, Belagavi)

Bommanahalli, Bangalore - 560068

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled by "GEOPOLYMER MORTAR" carried out by following bonafide students of The Oxford College of Engineering, IMSULONG JAMIR (10X15CV027), MERENBENLA AIER (10X15CV055), MOASUNEP JAMIR (10X15CV057), TAMU BAGANG (10X15CV100) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions 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 report prescribed for the said degree.

Is. Ramya A V

Dr. T S MALLESHAIAH

HOD(Civil dept, TOCE)

Dr. PRAVEENA GOWDA

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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

EXTERNAL VIVA

Name of the Examiners

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2. Elmanusi V

ME

Signature / Date

Blannigh

THE OXFORD COLLEGE OF ENGINEERING 10TH MILESTONE, BOMMANAHALLI HOSUR ROAD, BENGALURU - 560068



Department of Civil Engineering

Certificate

This is to certify that the project work entitled ANALYSIS AND DESIGN OF

MULTISTOREY BUILDING USING ETABS is a bonafide work carried out by

MELAGIRI MOHAN KRISHNA

10X15CV054

SACHIN

1OX15CV081

SUHASINI JADHAV

1OX15CV097

VIJAYAKUMARA THIMBALI K V

10X15CV107

in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belgaum, during the year 2018-19. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this thesis satisfies the academic requirement in respect of project work prescribed for the degree.

e Department.

Director

Head of the Department

Dr. R.V. PRAVEENA GOWDA

Department of Civil Engineering

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Bornmanahaili, Hosur Road

Bengaluru-560 068

University Examiners:

Bangalore - . 50 068.

Name and Signature of Examiner-2

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the project work entitled by "Influence of Nano Fillers on Glass-Basalt Hybrid Composites in Automobile Applications" carried about the bonafide students of The Oxford College of Engineering, AKHIL ARJUN (10X15AU005), AMBADI M P (10X15AU006), CHETAN KUMAR (10X15AU013), HARISREE VAISHNAV (10X15AU017) in partial fulfillment for the award of "Bachelor of Engineering" as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions 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 report prescribed for the said degree.

BOE-Chairman (AUE), VTU Examinations Mr. PRASANNAPSMsor and Drad Rop J. Uf BRomob DIEn R. V PRAV

Guide

The Oxford Colingopf Engineering Hosur Road, Bangalore-560068

E-mail: engdhodautomobile@theoxford.edu

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Name of the Examiners

Signature / Date

Bommanahalli, Bengaluru – 560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF AUTOMOBILE ENGINEERING



This is to certify that the Internship report entitled "FABRICATION AND BUILDING OF TWO WHEEL DRIVE HYBRID SCOOTER" submitted by ADITYA KULKARNI (10X15AU004), NAHEEM A (10X15AU029), SHARATHGOWDA R J (10X15AU043) & VARUN H L (10X15AU048) has been satisfactorily completed. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The project report has been approved as it is satisfying the academic requirements prescribed by Visvesvaraya technological University, Belagavi.

Internal Guide

Mr. Maruthi S B

Assistant Professor

Dr. Raju B R

Professor & Head Dept. Of AUE, TOC Bepartment of Automobile Engineering
The Oxford College of Engineering Bommanahalli, Hosur Road

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Name of the Examiners

Signature with date

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Hosur Road, Bommanahalli, Bengaluru - 560068

(Affiliated to Viesvesvaraya Technological University, Belagavi)

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the project entitled "FINGER PRINT IGNITION FOR TWO-WHEELER VEHICLE" Carried out by MR BALAJI YASHWANTH RAJ N (10X16AU401), MR DEEPAK M V (10X16AU402), MR RAMACHANDRARAO D NAIK (10X16AU408), MR SACHIN KUMARA S T (10X16AU409), bonafied student of The Oxford College of Engineering in partial fulfilment for award Bachelor of Engineering in Automobile Engineering of the Viesvesvaraya Technological University, Belagavi during the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in department 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 L. C. B. 2019 Mr. SAPTHAGIRI PRASAD N

Assistant Professor Dept. Of Automobile Engineering HOD DR. RAJU B R

Dept. of Automobile Engineering
Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Barran Shall, Hosur Road

Name of Examiners

1. Dr. RayuBR 2. Icaethel du Ratter 15/6/19

incipal

DR. R V PRAVEENA GOWDA

The Oxford College of Engineering Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

Bommanahalli, Hosur Road

The Oxford Coilege of Engineering

Signature with Date 8.

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

Department of Automobile Engineering



CERTIFICATE

This is to certified that the Project work entitled "FABRICATION OF SMART BICYCLE" is an authentic record of the project work has been carried out by the students KEERTHI KUMAR D (10X15AU023), PRATHAP R SINGH (10X15AU034), RAJENDRAN M (10X15AU036), SIDDHARTHA BANERJEE (10X15AU045), bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

ME ADEEPAK US

PRAVEENA GOWDA

Guide

Professor & Head Department of Automobile Engineering

Bommanahalli, Hosur Road Bangalore-560 068.

PRINCIPAL, TOCE

The Oxford College of Engineering Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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

External Viva

Name of Examiners

1. Dv. Raju BR 2. Icarthil. A.

2000 BB 15/6/19

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the internship entitled "DEVELOPMENT AND FABRICATION OF ELECTRIC DIRT BIKE" is a bonafide work carried out by LOKESH V (10X15AU024), MITHUN GOWDA C G (10X15AU026), SAI RISHWANTH N (10X15AU028), SWARAJ S (10X15AU046) in partial fulfillment of internship in VIII semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

DEEPAK US

Asst. Professor

Dept. of AUE, TOCE

ROTH COL

Dr. RAJU B R

Professor and HOD

Department of Automobile Engineering
The Oxford College of Engineering
The Oxford College of Engineering

Professor & Head

Dr. N. PROBENA GOWDA
Princibal PRINCIPAL
The OxoopRANEENA GOWDA
Bommanahalli, Hosur Road
Principal al OCE 60 068

Name of the Examiners

Rottige DV.

Roju BR)

Signature/date

(Affiliated to Visvesvaraya Technological University, Belagavi)

Bommanahalli, Bangalore - 560068
THE DEPARTMENT OF AUTOMOBILE ENGINEERING

CERTIFICATE

Certified that the project work entitled "THE DEVELOPMENT OF MAGNETIC BRAKING SYSTEM USING PERMANENT MAGNETS" carried out by Mr. MOHAMMED ANFAL (10X14AU015), MR. MOHAMMED ATEEQ (10X14AU016), MS. RAMALLA AHMEDI (10X15AU037), bonafide students of THE OXFORD COLLEGE OF ENGINEERING in partial fulfillment for the award of Bachelor of Engineering / Bachelor of Technology in AUTOMOBILE ENGINEERING of the Visvesvaraiah Technological University, Belgaum during the year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

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

MR SANDEEP CHAVAN DR. RAJU BR DR. PRAVEENA GOWDA Professor & Head

(PROJECT GUIDE)

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

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

External Viva

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| | Jame | of the | examiners |

1. Dv. Rogu BR Rallibr 15/6/19 2. Icarthile Av 15/6/1

(Affiliated to Visvesvaraya Technological University, Belagavi)

Bommanahalli, Bangalore - 560068

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

It is Certified that the project work entitled by "INFLUENCE OF NANO FILLERS ON MECHANICAL AND TRIBOLOGICAL PROPERTIES OF FIBER REINFORCED HYBRID COMPOSITES FOR AUTOMOTIVE INDUSTRIES APPLICATIONS" is a bonafide work carried out by Mr. ABHISHEK K T(10X15AU002), Mr. DARSHAN S M (10X15AU014), Mr. JAYANTH R (10X15AU021), Mr. PRADEEP KUMAR V(10X15AU32) at THE OXFORD COLLEGE OF ENGINEERING in partial fulfilment of the requirements for the award of BACHELOR OF ENGINEERING IN AUTOMOBILE ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2018-19. It is certified that all corrections and suggestions indicated for internal assessment have been approved as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Rattibe Signature of HOD

Dr. RAJU B R

Dept. of Automobile Engineering

Professor & Head

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

Dr. RAJU B R

EXAMINER 1: -

EXAMINER 2: --

Signature of principal

Dr. R V PRAVEEN GOWDA

The Oxford College of Engineering Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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

Rather 15/6/19

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the project work entitled by "EXPERIMENTAL STUDY OF CANOLA OIL AS A BLEND FOR A DIESEL ENGINE" carried out by following bonafide students of The Oxford College of Engineering, ANITET LONGKUMER (10X14AU005), ASHUTOSH M (10X15AU011), JENIBEMO T MURRY (10X15AU022), MANDHARA G (10X16AU405) in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions 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 report prescribed for the said degree.

Mr. MARUTHI S B Project Guide Professor & Head

Department of Automobile Engineering
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bangalore 191068.

Dr. Rey PRAVEENA GOWDA

Be Principal 068.

EXTERNAL VIVA

Name of the Examiners

Signature / Date

1. Dr. Rajn BR 2. Karthe Iv Rambar 15/6/19

Bommanahalli, Hosur Road, Bengaluru, Karnataka -560068 (Affiliated to Visvesvaraya Technological University, Belgavi) Department of Mechatronics Engineering



Certificate

"Smart Rewarding Waste Management System" Carried out by K.R.SAI CHARAN (10X15MT018), ANUSHA P PRADEEP (10X15MT004), SHAMMAH (10X15MT041), GAYATHRI DEVI P (10X15MT014) bonafide students of The Oxford College Of Engineering in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-19. 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. N.Thirumurugan Asst.Professor, Dept. of MTE Mr. Jayakumar ND Professor and HOD of MTE

The Principal DR.Praveena Gowda R.V

PRINCIPAL

The Oxford College of Engineerin Bommanahasi, Hosur Road Bengaturu-560 068.

Name of the Examiners

2. Affiremelygen

Signature of Examiners

15

Bommanahalli, Hosur Road, Bengaluru, Karnataka -560068 (Affiliated to Visvesvaraya Technological University, Belgavi) Department of Mechatronics Engineering



Certificate

"Railway Track Crack/Break Detection System with Onboard Signalling" Carried out by Mr. SEBIN MATHEW (10X16MT407) Mr. VIVEK PURUSHOTHAM (10X15MT049) Mr. RAGHU J (10X16MT406) Mr. VINEETH V (10X16MT412) bonafide students of The Oxford College Of Engineering in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-19. 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. Chethan S Asst.Professor, Dept. of MTE HOD
Mr. Jayakumar N
Professor and HOD of

& HOD

Department of Mecharismics
The Oxford College Of En

Bommanahalli, Bangalore - --- -

The Principal Dr.R V Praveena Gowda

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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

Signature of Examiners

12/6/9

Name of the Examiners

2. M. ilyaningan

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

DEPARTMENT OF MECHATRONICS ENGINEERING



<u>CERTIFICATE</u>

Certified that the project entitled "EFFECTIVE ALERT SYSTEM FOR AUTOMOBILE WITH VEHICLE TO VEHICLE COMMUNICATION" is carried out by Mr. ASHOK KUMAR A (10X15MT001), Mr. POOJITH V (10X15MT032), Mr. THIPPESWAMY CA(10X15MT045), bonafide students of The Oxford College of Engineering, Bengaluru in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

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 Mr. Chethan S Asst. Professor, Dept. of MTE

Signature of HOD Mr. Jayakumar N Signature of Principal Dr. R V Praveena

Professor and HOD of Dr. R.V. P. Gowda A GOWDA

DepartmenMTE fee hetronics Principal, TOCE The Calculation of Segment Bommanahalii, Hosur Road

Name of the examiners

ii

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

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "PRODUCTIVITY IMPROVEMENT BY APPLYING TOYOTA PRODUCTION SYSTEM" is carried out by Mr. DARSHAN R with USN 10X15MT010, Mr. MOHITH S with USN 10X15MT025, Mr. VIKAS S REDDY with USN 10X15MT047 in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

It is certified that all corrections suggestions indicated for internal assessment has 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 HOD

MP-MAYAKUMAR N

Department of Mechatronics

Bommanahalli, Branch

Signature of Guide

Ms. RANI AISHWARYA S N

External Examiners:

Name:

Signature of Printipal

Dr. PRAVEENA GOWDA

Dr. R.V. PR

The Oxford College Of Ecgineering The Oxford College Engineering Signature

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

DEPARTMENT OF MECHATRONICS ENGINEERING\



CERTIFICATE

Certified that the project entitled "DUAL NOZZLE 3D PRINTER" is carried out by Mr. Prajwal belliappa (10X15MT030), Mr. Punith kumar R (10X15MT034) in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

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 Mr. Dhananiava V

Bommagahalli, Bangalore - 560 (B& R.V.)

Signature of HOD

Mr. Jayakumar N

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Bommand Allia Hesur Road
Bengaluru-560 068.

External Examiners Name:

ı: Dilip.L.

2: A (Mirumurugan

Signature

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DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "MULTICONTROL OF WHEELCHAIR USING RASPBERRY PI 3" is carried out by Mr. Dennis M D (10X15MT011), Mr. Jivin George (10X15MT016), Mr. P Sumanesh Mohan (10X15MT031) and Mr. Shyjin Scaria Saji (10X15MT043) in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

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.

| prescribed for the said degree. | |
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| Signature of Project Guide Mrs. Tulasi K L Assistant Professor Dept. of MTE TOCE TOCE Name of the Examiners 1. Dilip: Signature of Principal Mr. Jayakumar N Head Gripsphrojent Dept. of MTE The Oxford The Oxford Solvers Bommanshalli, Hosur Rob Bommanshalli, Hosur Rob Bommanshalli, Hosur Rob Signature of Principal Dr. Praveena Gowda Principal Dr. H. TOCE Bommanshalli, Hosur Rob Bommanshalli, Hosur Rob Signature of Examiners 1. Dilip: 1. | ering |
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Bommanahalli, Hosur Road, Bengaluru, Karnataka -560068 (Affiliated to Visvesvaraya Technological University, Belgavi) Department of Mechatronics Engineering



Certificate

"Smart Rewarding Waste Management System" Carried out by K.R.SAI CHARAN (10X15MT018), ANUSHA P PRADEEP (10X15MT004), SHAMMAH (10X15MT041), GAYATHRI DEVI P (10X15MT014) bonafide students of The Oxford College Of Engineering in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-19. 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. N.Thirumurugan

Asst.Professor, Dept. of MTE Professor and HOD of MTE

Asst.Professor, Dept. of MTE

The Principal

DR Prayeena Gowda R.Y

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DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the project entitled "HEXA FARM BOT" is carried out by Mr. ARNOLD SACHITH A HANS (10X15MT005), Mr. NITIN (10X15MT027), Mr. (1OX15MT023), Mr. ROBSOM MOHIT BANSAL **JANI** (10X15MT038) in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

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 Mr. JAYAKUMAR. N

Signature of HOD Mr. JAYAKUMAR. N

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Dr. PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

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Name of the Examiners

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CERTIFICATE

Certified that the project entitled "SILENT SPEECH RECOGNITION" is carried out by Mr. AJAY YADUKRISHNAN H (10X15MT002), Mr. Mr. PRATHAP **JOSH** ELIAS JOY (10X15MT017), (10X15MT033), Mr. RAGHAV KANOONGO (10X15MT035) in partial fulfillment for the award of Bachelor of Engineering in VISVESVARAYA ENGINEERING of MECHATRONICS TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2018-2019.

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 Mrs. RAJESWARI M Signature of HOD

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Signature of Principal Dh.R.V. PRAVEENA GOWDA

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DEPARTMENT OF MECHATRONICSENGINEERING



CERTIFICATE

This is to certify that the project work entitled "BEACH GARBAGE COLLECTION ROBOT USING IMAGE SEGMENTATION" has been carried out by Mr. Dharmendra S (10X15MT012), Mr.Asif Jambagi (10X16MT400), Mr.Kantharaju (10X16MT402), Mr. Vinay Kumar K V (10X16MT411) bonafide students of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2018-2019. It is certified that all corrections/suggestions indicated for the internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.

Signature of Guide

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Asst. Professor

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2. Maumurugan

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CERTIFICATE

Certified that the internship entitled "BASIC AUTOMATION TECHNOLOGIES" is carried out by Mr. DARSHAN R with USN 10X15MT010, Mr. MOHITH S with USN 10X15MT025, Mr. VIKAS S REDDY with USN 10X15MT047 in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019. It is certified that all corrections suggestions indicated for internal assessment has been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Internal Guide

Ms. RANI AISHWARYA S N

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Signature of External Guide Mr. RAHUL DIXIT

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CERTIFICATE

Certified that the project entitled "HEXA FARM BOT" is carried out by Mr. ARNOLD SACHITH A HANS (10X15MT005), Mr. NITIN (10X15MT027), Mr. MOHIT BANSAL (10X15MT023),Mr. ROBSOM **JANI** SHIKARI (10X15MT038) in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019.

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 Mr. JAYAKUMAR. N

Signature of HOD Mr. JAYAKUMAR. N

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This is to certify that the project work entitled "BEACH GARBAGE COLLECTION ROBOT USING IMAGE SEGMENTATION" has been carried out by Mr. Dharmendra S (10X15MT012), Mr.Asif Jambagi (10X16MT400), Mr.Kantharaju (10X16MT462), Mr. Vinay Kumar K V (10X16MT411) bonafide students of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belagavi during the year 2018-2019. It is certified that all corrections/suggestions indicated for the internal Assessment has been incorporated in the Report deposited in the Departmental Library. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the Bachelor of Engineering degree.

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Mrs. RAJESWARI M

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This is to certify that ABHILASH S N bearing 10X17MBA01 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY ON RECRUITMENT AND SELECTION at LKP SECURITIES LTD, BANGALORE is prepared by him/her under the guidance of Dr. R V DHANALAKSHMI, HOD, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that ABHILASH V S bearing 10X17MBA02 is a bonafide student of Master of Business Administration course of the institute 2018–2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY ON CUSTOMER SATISFACTION at BAMBINO PASTA FOOD INDUSTRIES PVT LTD, BANGALORE is prepared by him/her under the guidance of Dr. R. V. DHANALAKSHMI, HOD, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that ABISHEK REDDY B bearing 10X17MBA04 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "A STUDY ON PERFORMANCE EVALUATION OF SELECTED BASED ON MARKET INDEX" at SWASTIKA INVESTMENT LTD in BENGALURU is prepared by him/her under the guidance of Dr. R.V DHANALAKSHMI, HOD, of MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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CERTIFICATE

This is to certify that ABHISHEK.V bearing USN:10X17MBA03 is a bonified student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. Project report on A STUDY ON LOANS AND ADVANCES OF THE PAVAGADA SOUHARDA CREDIT CO-OPERATIVE LIMITED," BANGALORE is prepared by her under the guidance of DR.R.V. DHANALAKSHMI, HOD MBA department, in partial fulfilment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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CERTIFICATE

This is to certify that ADARSHA B N, bearing 10X17MBA05 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "A STUDY ON DIGITAL MARKETING" at ALPHA COMMODITIES PVT LID is prepared by him/her under the guidance of Dr. R V DHANALAKSMI, HOD, MBA department, 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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This is to certify that AHINSHAD C bearing USN:10X17MBA06 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A Study on employee satisfaction at CERA BOARDS & DOORS, Kannur , Kerala is prepared by him under the guidance of Dr.R V Dhanalakshmi, HOD MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that AJAY KUMAR.P bearing 10X17MBA07 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY ON WORKING CAPITAL at EVOLET TECHNOLOGIES, R T Nagar Bangalore is prepared by him/her under the guidance of Dr. R V DHANALAKSHMI, HOD, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that AKHILESH P bearing 10X17MBA08 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on. A STUDY ON TRAINING AND DEVELOPMENT AT FORTUNE COTTON AND AGRO INDUSTRIES, GOURAMPUR VILLAGE is prepared by him/her under the guidance of DR. R.V. DHANALAKSHMI, HOD, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that AKSHAY PRAKASH TANDEL bearing 10X17MBA09 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "STUDY ON WORKING CAPITAL" at I3IT PEOPLE, BANGALORE is prepared by him/her under the guidance of Dr. R.V. DHANALAKSHMI, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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CERTIFICATE

This is to certify that AMEENA SADAF bearing 10X17MBA10 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "A STUDY ON EMPLOYEE ENGAGEMENT PRACTICES" at RJS RECRUITMENT AND CONSULTING PVT LTD, BANGALORE is prepared by her under the guidance of Dr. R.V. DHANALAKSHMI, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that ANIL KUMAR M bearing 10X17MBA11 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on TRAINING AND DEVELOPMENT at BAMUL BANGALORE is prepared by him/her under the guidance of Dr. R V DHANALAKSHMI, HOD, Master of Business Administration, in partial fulfilment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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This is to certify that LAKSHMI M bearing 10X17MBA56 is a bonafide student of Master of Business Administration course of the institute 2018–2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY ON EVALUATING THE EFFECTIVENESS OF TRAINING AND DEVELOPMENT USING KIRKPATRICK'S MODEL at ASHOK LEYLAND UNIT 1, HOSUR is prepared by him/her under the guidance of Dr. R.V. DHANALAKSHMI, Head Of the Department, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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CERTIFICATE

This is to certify that LIKITHA.V.M. Bearing 10X17MBA57 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY OF FINANCIAL PERFORMANCE at KOMUL Ltd, KOLAR is prepared by him/her under the guidance of Dr. R.V. DHANALAKSHMI, HOD, 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.

Signature of Internal Guide

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CERTIFICATE

This is to certify that MADHU SUDHAN P bearing USN 10Y17MBA05 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on A STUDY OF EMPLOYEE EVALUATION AT PAGE INDUSTIRES LTD (JOCKEY); Bommasandra, Jigani is prepared by him under the guidance of Dr. R V DHANALAKSHMI, Head Of Department, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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re of Principal V. PRAVEENA GOWDA

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CERTIFICATE

This is to certify that MAMATHA U bearing USN:10Y17MBA07 is a bonafide student of Master of Business Administration course of the institute 2018-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "A STUDY ON ORGANIZATIONAL CULTURE" at ARVIND GOODHILL SUIT MFG PVT LTD, BOMMASANDRA BANGALORE is prepared by her under the guidance of Dr. RV DHANALAKSHMI, HOD, MBA department, in partial fulfillment of the requirement for the award of The Degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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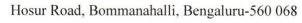
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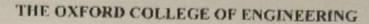
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This is to certify that KAVYA P O bearing ION17MBA54 is a homefide mudent of Macter of Business Administration, course of the matinute 2018–2019, affiliated to Visvestaraya Technological University. Belapsei. The project report on EMPLOVIR ABSENTERSIM II NASH PERNYA INDUSTRY is proposed by humber under the purcause of Ms. RICHA TIWARI ASSISTANT PROPESSOR. MBA department, in partial fulfillment of the experiment for the award of The Degree of Mester of Business Administration of Viewavannya Technological University, Belagavi, and Karmanika

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This is to certify that POOJA A, bearing USN: IOY17MBA18 is a bontafide student of Master of Business Administrator course of the institute 2017-2019, affiliated to Visvesvaraya Technological University, Belagavi. The project report on "TOTAL QUALITY MANAGEMENT THROUGH ITS CUSTOMER SATISFACTION" at BEML LIMITED Unity building, J. C. Road, Bangalore - 560002 India is prepared by him/her under the guidance of RICHA TIWARI, Assistant professor MBA department, in partial fulfillment of the requirement for the award of The Degree of Mariar of Business Administration of Vivvesvaray a Teu mological University, Belagav., Karnataka.

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This is to on ify that ABHILASH S N bearing TOX17MBA01 is a bonafide student of Master of Business Administration course of the matilitie 2018 2019, affillated to Visvesvaraya Technological University, Belugavi The project export on A STUDY ON RECRUITMENT AND SELECTION at LKP SECURITIES LTD. RANGALORE IS prepared by him/lie, under the guidence of Dr. R V DHANALAKSHMI, HOD, MBA department, in partial for illment of the requirement for the award of The Degree of Master of Business Administration of Viewesvarroyn Technological University, Belagavi, Kannataka.

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This is to certify that the project work entitled

Twitter Spam Detection

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

AKASH K 10X16MCA01

During the academic year 2018-2019

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This is to certify that the project work entitled

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From Visveswaraya Technological University, Belagavi is a result of the bonafide work carried out by

BHISHMA PRATAP GUPTA 10X16MCA03

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This is to certify that the project work entitled Web Scraping Using Cache Version of Website

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CHAITHRASP 10X16MCA04

During the academic year 2018-2019

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This is to certify that the project work entitled

Cyberbullying Detection Based on Semantic Enhanced Marginalized Denoising

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This is to certify that the project work entitled

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This is to certify that the project work entitled

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This is to certify that the project work entitled

"APPLICATION OF TEXT CLASSIFICATION AND CLUSTERING OF TWITTER DATA FOR BUSINESS ANALYTICS"

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> LHAKPA TSERING 10X16MCA11

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CERTIFICATE

This is to certify that the project work entitled

"INCIDENT ELUCIDATION WITH AUTO INTELLIGENCE"

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

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This is to certify that the project work entitled

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This is to certify that the project work entitled

"INTELLIGENCE BASED STRUCTURAL TOOL WITH ELABORATED MATRIX"

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CERTIFICATE

This is to certify that the project work entitled

Disease Prediction By Machine Learning and Data Mining

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

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CERTIFICATE

This is to certify that the project work entitled

EFFICIENT OBJECT DETECTION AND MATCHING USING FEATURE CLASSIFICATION

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

MUHSINA VT 10X16MCA16

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CERTIFICATE

This is to certify that the project work entitled

Enhancing spam detection on mobile phone SMS performance using FP-Growth and naive bayes classifier

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

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CERTIFICATE

This is to certify that the project work entitled

A MACHINE LEARNING BASED PREDICTION OF SALES FORECASTING USING LINEAR REGRESSION

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

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This is to certify that the project work entitled Application of Data Mining Methods in Diabetes Prediction

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

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(Principal, TOCE, Bengalum)

DERAY PRAYELMY GORDA

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Department of Master of Computer Applications



CERTIFICATE

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From Visveswaraya Technological University, Belagavi is a result of the bonafide work carried out by

RAJA PAUL 10X16MCA21

During the academic year 2018-2019

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Prof. Mridula Shukla

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

- The Head

Department of MCA

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Dr. R.V. Praveena Gowda

(Principal, TOCE, Boage www)DA

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Bommanahalli, Hosur Road, Bengaluru-560 068

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This is to certify that the project work entitled

"GUIDED INDUSTRY SPECIFICATION BASED ILLUSTRATIVE PANEL"

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

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Dr. R.W. Praveena Gowda

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CERTIFICATE

This is to certify that the project work entitled

"USER BEHAVIOUR BASED ROUTE PREDICTION USING GPS SENSOR"

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CERTIFICATE

This is to certify that the project work entitled
"FACE DETECTION AND FACIAL EXPRESSION RECOGNITION SYSTEM"

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

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AJAY KUMAR 10X17MCA70

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Bommanahalli, Hosur Road, Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled

"MULTIPLE HIERARCHICAL DECISION ON NEURAL NETWORK TO PREDICT HUMAN AGE AND GENDER"

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

AKHIL SAI 10X17MCA71

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CERTIFICATE

This is to certify that the project work entitled

"DATA ANALYTICS ON HEALTH CARE OF HEART DISEASES USING MACHINE LEARNING"

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

Master of Computer Applications

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AMIR GANI BHAT 10X17MCA73

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CERTIFICATE

This is to certify that the project work entitled

"DIGITAL IMAGE TRACING BY SEQUENTIAL MULTIPLE WATERMARKING"

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

Master of Computer Applications

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ARUN KUMAR R 10X17MCA74

During the academic year 2018-2019

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(Principal, TOCE, Bengaluru) 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

"A SEMANTIC APPROACH FOR TEXT CLUSTERING USING WORDNET AND LEXICAL CHAINS"

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From Visveswaraya Technological University, Belagavi is a result of the bonafide work carried out by

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CERTIFICATE

This is to certify that the project work entitled

"EMAIL SPAM DETECTION USING NAVIE BAYESIAN CLASSIFIER"

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Master of Computer Applications

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DIVYA B 10X17MCA76

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CERTIFICATE

This is to certify that the project work entitled

Credit Card Fraud Detection Using Machine Learning Techniques: A Comparative Analysis

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

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During the academic year 2018-2019

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This is to certify that the project work entitled

THE EMERGENCY HELP FINDER ANDROID APPLICATION

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

JASEEL P V **10X17MCA78**

During the academic year 2018-2019

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Mr. Dharamvir

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Dr. M.S. Shashidhara

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CERTIFICATE

This is to certify that the project work entitled

"INFORMATION RETRIEVAL"

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

JASPAL SINGH SANDHU 10X17MCA79

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CERTIFICATE

This is to certify that the project work entitled

CALO-Cognitive Assistant: AI attempted to integrate numerous into a Cognitive Assistant

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

MOHAMED ABUL FARIZ A
10X17MCA80

During the academic year 2018-2019

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CERTIFICATE

This is to certify that the project work entitled

GENERATION OF HANDWRITING BY ACTIVE SHAPE MODELING AND GLOBAL LOCAL APPROXIMATION (GLA) ADAPTATION

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

> NAVEEN M 10X17MCA82

During the abademic year 2018-2019

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Prof. Ashok B P

(Dept. of MCA, TOCE)

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(Dept. of MCA, TOCE)

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Bengaluru-560 068.

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

EMR-Data Visualization: A Context Signatures Improve Diagnostic Classification using **Medical server 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

> V BHAVYA NAGINI 10X17MCA87

During the academic year 2018-2019

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Dr. M.S. Shashidhara

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Dr. R.V. PRAVEENA GOWDA

PIMEL: AL The Oxford College of Engineerithe Oxford College of Engineering Bommanahalli, Hosur Road Hosur Road, BANGALORE -Bengaluru-560 068.

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Name of Examiners

1.

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This is to certify that the project work entitled

"AUTOSEC"

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

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AKSHANSH SHRIVASTAVA

10X17MCA88

During the academic year 2018-2019

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This is to certify that the project work entitled

IMPORTANCE OF SMART CURIGHT MULTISPECIALTY EMERGENCY AND TRACKING SYSTEM

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

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Prof. Ashok B.P

(Dept. of MCA, TOCE)

During the academic year 2018-2019

f'the AOD Dr. M.S. Shashidhara

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. Department of MCA

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CERTIFICATE

This is to certify that the project work entitled Detective Mapping Procedure with Live Substances Submitted in partial fulfillment of the requirement for the award of the degree of

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GANESH BAJANTHRI 10Y17MCA71

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

A Machine Learning Based Network Sentiment Mining Model for IT-Product Sales Analysis

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

GOWTHAM A 10Y17MCA72

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(Principal TOCE Benerham)

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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 "Hexalock- A Smart Security Friend"

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

KACHHADIYA RUCHITA BHASKARBHAI 10Y17MCA73

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(Dept. of MCA, TOCE)

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(Dept of MCA, TOCE)

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled "Message Queuing Using Two Users Communication Scenario through HTTP"

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

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KANCHAN KUMARI 10Y17MCA74

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CERTIFICATE

This is to certify that the project work entitled Lunge Nodule Classification Using Artificial Crawlers And Rose Diagram, Support Vector Machine,

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

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KAVYA M V 10Y17MCA75

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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

"Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing"

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

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KEERTHY S 10Y17MCA76

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(Dept. of MCA, TOCE)

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Dr. R.V. PRAVEENA COWDA PER

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Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Bennstura-Sou 003.

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Name of Examiners

Signature with date

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"Privacy-Preserving Social Media Data Publishing For Personalized Ranking-Based Submitted in partial fulfillment of the requirement for the award of the degree of

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KUMARI KOMAL 10Y17MCA77

During the academic year 2018-2019

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Name of Examiners

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

Sentimental Analysis on Tourism Using Data Mining
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

MADHU KUMAR D 10Y17MCA78

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Prof. J C Achutha

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External Viva

Name of Examiners

Signature with date

Bommanahalli, Hosur Road, Bengaluru-560 068

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CERTIFICATE

This is to certify that the project work entitled

"Speech Emotion Detection based on Convolution Neural Network and Random

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

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MANJUNATHA S N 10Y17MCA79

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Signature with date

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Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"ANALYSING AND IMPROVING SALES FORCE AUTOMATION AND TICKETING SYSTEM THROUGH MOBILE APPLICATION"

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

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MOHAN P 10Y17MCA80

During the academic year 2018-2019

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र्ध्वारीयक स्टब्स एक्वेट्स और प्रतीक्त वर्ष संती

Accurate Traffic Matrix Estimation in Both Public and Private Datacenter

Networks

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

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During the academic year 2018-2019

Signature of the Guide

Prof. Ushasree

(Dept of MCA TOCE)

External Viva

Name of Examiners

Signature of the HOD

Dr. M.S. Shashidhara

(Dept of MCA, TOCE)
The Head

Department of MCA
The Orders College of Engineering
Bosor Road, BANGALORE -

डिंगुक्तार अं के निर्मालक

Dr. R.V. Preveneconde

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Signature with date.

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Bommanahalli, Hosur Road, Bengahara-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work exaltled Monitoring System for Patients Using Multimedia for Smart Health Care.

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

RENUKHA I 10Y17MCA82

During the scademic year 2018-2019

Signature of the Guide

Asst, Prof. Ushasree R

(Dept. of MCA, TOCE)

Signatule Jethe HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

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

Senature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.A. PR WIFNA GOWDA

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Signature with date

External Viva

Name of Examiners

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled " Framework for surveillance of instant messenger & social networking sites"

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

SHOAIB J H 10Y17MCA83

During the academic year 2018-2019

Signature of the Guide

Prof. Ushasree

(Dept. of MCA, TOCE)

Dr. M.S. Shashighara

(Dept. of MCA, TOCE)

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

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru) Dr. R.V. PR. I III I GOWDA

PRINCIPAL

Bommanahalli, Hosur Road Bengaluru-560 068.

External Viva

Name of Examiners

Signature with date

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

"Personalized Recommendation Combining User Interest and Social Circle"

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

SNEHA KUMARI JHA 10Y17MCA84

During the academic year 2018-2019

Signature of the Guide

Prof. Ushasree

(Dept. of MCA, TOCE)

Signature of the OD Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

Ibe Heao

Department of MCA

the Oxford College of Engineering
Hosur Road, BANGALORE -

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengalium) Dr. R.V. The Line NA G. William

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The Oxford Cylinge (Engineering

Bommana vi. Hosyn Road Bengaluru-560 058

External Viva

Name of Examiners

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Signature with date

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify that the project work entitled

Implementation of SOS Guardian Safety Emergency for Tracking Application.

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

SUSMITA C JUMANAL 10Y17MCA85

During the academic year 2018-2019

Signature of the Guide

Asst, Prof. Ushasree R

(Dept. of MCA, TOCE)

Signature of the HOD

Dr. M S Shashidhara

(Dept. of MCA, TOCE)

The Heao

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Hosur Road, BANGALORE -

Signature of the Principal

Dr. R.V. Praveena Gowda

(Principal, TOCE, Bengaluru)

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Bommanahatlı, Fiesur Road Bengaluru-530 068.

Signature with date

External Viva

Name of Examiners

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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 Leaf Disease Detection using Machine Learning

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

VEDHA B N 10Y17MCA86

During the academic year 2018-2019

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

Signature of the Principal

Dr. R.V. PraveenaGowda

(Principal, TOCE, Bengaluru)
Dr. R.V. CONTROL GOWDA

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Bengalum-550 088.

External Viva

Name of Examiners

Signature with date

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2

Bommanahalli, Hosur Road, Bengaluru-560 068

Department of Master of Computer Applications



CERTIFICATE

This is to certify then the project work emitted

"SALES FORCE AUTOMATION AND TICKETING SYSTEM MANAGEMENT FOR E-COMMERCE THROUGH MOBILE APPLICATION"

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

C YASHWANTH 10Y17MCA87

During the academic year 2018-2019

Signature of the Guide

Mrs. UshaShree R (Dept. of MCA, TOCE)

External Viva

Name of Examiners

Signature of the HOD

Dr. M.S. Shashidhara

(Dept. of MCA, TOCE)

/ The Head

The Oxford College of Engineerin, The Oxford Co

The Oxford College of Engineer Hosnir Road, BANGALORE -

Signature of the Runcipal

Dr. R. V. Praveena Gowda

(Principal, TOCE, Bengaluru)

Dr. R.V. P

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Signature with date ad

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "MISSION & COMBAT SYSTEM" is a bonafide work carried out by Mr. SHRINIDHI BHAT (10X15EC089) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Rid & Cjula Pauls/24/4/9 Dr. MANJU DEVI Prof. RICHARD LINCOLN PAULRAJ

Dr. R.V. PRAVEENA GOWDA

CIPA

Asst. Prof, Dept. of ECE

Professor & HOD of E&C Engineering Dr. R.V. PRAVEENA GOWDA The Oxford College of Engineering

PRINCIPAL

Bommananalli, Bangalore-560 068. The Oxford College of Engineering

Bommanahalli, Hosur Road Bengaluru-560 068. Signature with date

Name of the examiner

1. R Bhargava Rama Good 2. Dy Pen Laural a S

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

Department of Electronics and Communication Engineering



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Rich Guille Pauls /29/4/19 >

Dr. MANJU DEVI Dr. R.V. PRAVEENA GOWDA

Asst. Prof, Dept. of ECE

Professor & HOD of E&C Engineering Dr. R.V. PRAVEENA GOWDA

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Bommananalli, Bangalore - 560 068The Oxford College of Engineering

Bommanahalli, Hosur Road

Bengaluru-560 068. Signature with date

Name of the examiner

1. R Bhargava Rama Gond ulpamala C

Prof. RICHARD LINCOLN PAULRAJ

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "AVIONICS" is a bonafide work carried out by Ms ANUSHA K (10X15EC013) in partial fulfillment for the award BACHELOR OF **ENGINEERING** in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST2018 and JAN-FEB2019.It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE Mrs. Lakshmi R

Asst.Professor Dept. of ECE, TOCE HOD Dr. MANJUDEVI

Professed of the Repartment Engineering The Oxford College of Engineering Bommananalli, Bangalore - 560 068.

Name of the Examiner

1. Lichard Linder Paulry 2. RUKMINI Dwegle PRINCIPAL

Dr. R.V. PRAVENA GOWDA Dr. R.V. PRAVEENA GOWDA

Principal, TOCE PAL

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

Signature with date

12/6/19 12/6/19

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

Department of Electronics and Communication Engineering



CERTIFICATE

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Mrs. Lakshm

Asst.Professor Dept. of ECE, TOCE Dr. MANJU DEVI

Professora of the oferat rentineering Dept. of ECE, TOCE The Oxford College of Engineering Bommananalli, Bangalore - 560 068.

Dr. R.V. PRAVENA GOWDA

Dr. R.V. PRAVEENA GOWDA

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

Name of the Examiner

1. Rechard Cincoln Paulray
2. Resk mini Drugul

Signature with date

PRINCIPA

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "AVIONICS" is a bonafide work carried out by Ms ASHA LATHA S (10X15EC016) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING VISVESVARAYA under TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST2018 and JAN-FEB2019.It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Lakshmi R

Asst.Professor Dept. of ECE, TOCE Dr. MANJU DKVI

Head of the Department ProfessBF& HODGE E&C Engineering The Oxford College of Engineering Bommananalli, Bangalore - 560 000

Name of the Examiner

1. Richard Cimoln Pautraj 2. RUKnissi, Dwegle

Dr.Dr. R.N. PRAVENAGOWDA

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PRINCIPAL The Orrindpal, TOCE of Engineering Bommanahalli, Hosur Road Bengaluru-560 068.

Signature with date

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "PROGRAMMABLE LOGIC CONTROLLER" is a bonafide work carried out by Ms. POOJA V NAYAK (10X15EC064) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Cotohadard GUIDE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

Dept. of ECE, TOCE

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DE R.V. PRAVEENA GOWDA

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with date N.W14/06/19

Name of the Examiner

1. N. JAYARAJ 2. Or-Purpamala S.

Bommanahalli, Hosur Road, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "R.F.I.D. LIBRARY MANAGEMENT" Carried out by BASHEER AHMED(10X16EC404), a bonafide student of THE OXFORD COLLEGE OF ENGINNERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Guide Prof. VIDYA

Asst. Prof Dept. of ECE

MANJU DEVI

HOD

Dr. PRAVEENA GOWDA

incipal

Professor & HOP, Profes Engineering Dr. R. WORD VEENA GOWDA
The Oxford College of Engineeringhe Oxford College of Engineering
Bommanapalli Bassat Engineeringhe Oxford College of Engineering

Bommananalli, Bangalore - 560 068, Bommanahalli, Hosur Road

Name of Examiner

1. R. Bhalgana lama Good 2D1 - Purhamala S

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "CORPORATE READY PROGRAM" is a bonafide work carried out by Mr.SANTHOSH KUMAR B R (10X15EC085) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under in VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

N.1/23/05/19

Prof. JAYARAJ . N Asst. Professor

Dept. of ECE

EKC Engineering

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Dr. R.V.

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Bengaluru

Name of Examiner

1. N. JAYARAJ 2. Dr. Puntpanala S

Signature

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "ARDUINO AND IOT" is a bonafide work carried out by Ms. S PRIYA DARSHINI (10X15EC078), in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. Preeta Sharan Professor, Dept. of ECE Professor & HODOE&C Engineering The Oxford College of Engineering Bom Dan Malvju Devi Dr. B.

Prof and HOD, Dept. of ECE

Dr. R.V. PRAVEENA GOWDA

Dr. R.V. PRAVEENA GOWD

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

Name of the Examiner

Signature

N.W 14/06/19

1. N. JAYARAJ 2. Dr. Pushpanala.s

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "AUTOMOTIVE ECU AND ENGINE REMAP" is a bonafide work carried out by Mr. VEDIK R (10X15EC105), in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

| Rich of Graha Pauls/10/6/19 | нор) | PRINCIPAL |
|---|-----------|---|
| PROF. RICHARD LINCOLN PAULIBAIOR DE MAN FLA DE MINIO DE PRINCIPAL Asst Prof., Dept. of ECE The Oxfold De Dept of Engliseering Bonomananalli, Bangalore 560 068. Dr. R.V. PRAVEENA GOWDA PRINCIPAL | | |
| Name of the Examiner | Signature | The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-560 068. |
| 1. N. JAYARAJ 2. Dr. Performala.s | N.W | 14/06/19 |

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "CIRCUIT BREAKERS" is a bonafide work carried out by Mr. VIJAYALAKSHMI M (10X15EC047) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

HOD

Mr. R.BARGAVA RAMA GOWD

Dr. MANJU DEVI

Dr.R.V.PRAVEENA GOWDA

Professor, Dept. of ECE

Professor HOBCE TOCE principal,

Bommananalli, Bangalore - 560 068The Oxford College of Engineering

Bommanahalli, Hosur Road Bengaluru-580 068 Signature with Date

Name of Examiner

1. Dr. Pur pamala S. 2. N. JAVARAJ

Bommanahalli, Hosur Road, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by HEMANTH KUMAR S (10X15EC038),a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the AND ELECRONICS **ENGINEERING** in Degree of BACHELOR OF COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Ms. NITHIKA BHASI

Guide

Dr. MANJU DEVI

HOD

Dr. R V PRAVEENA GOWDA

Principal

Professor & HOD of E&C EngineeringDr The Oxford College of VDA Asst. Prof Dept. of ECE The Oxlder College of Engineering

Bernmananalli Sangalore - 560 068. The Oxford Collegering Bomman Road

Name of Examiner

1. M. JAYARAJ 2. Dr. Pentpanala. S

Signature with Date

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SPARK PLUG MANUFACTURING" is a bonafide work carried out by Mr. KIRAN B V (10X15EC044) in partial fulfillment for the award of BACHELOR OF ENGINEERING **ENGINEERING** COMMUNICATION AND **ELECTRONICS** VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Prof. Bhargav Rama Gowd Asst. Professor, Dept. of ECE

Professor & Profes Tile Oxford College of Engineering The Oxford College of Engineering

Bommananalli, Bangalore-560 068. Bommanahalli, Hosur Road Bengaluru-560 068.

Name of the Examiner

Signature with date

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "ENGINE DESIGN" is a bonafide work carried out by Mr. NIKHIL B M (10X15EC060) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JAN-FEB 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

C. Solo C. JISHA CHANDRA

Asst. Professor Dept. of ECE, TOCE HOD

DE MANJU DEVI Head of the Department Dr. R. V. PRAVEENA GOWDA

The Ox Principal, TOCE-Professor & HODTOPE&C Engineering mmanahalli, Hosur Road

The Oxford College of Engineering Bommananalli, Bangalore - 560 068. Bengaluru-560 068.

Name of the examiner

1. N. JAYARAJ 2. Dr. Pentranala. S

Signature with date

N. 4 14/06/19

Page | 2

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled on "Test House, Engine Division HAL" is a bonafide work carried out by Mr. MOHAMMED NAFIL T C (10X15EC054) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS VISVESVARAYA under **ENGINEERING** COMMUNICATION AND TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Sousiva Padukone G,

Asst. Professor, Dept. of ECE

Dr. Manju Devi

Professor & ROD of E&C Engineering Dr. R.V. PRAVEENA GOWDA The Offen College of Engineering

Bommananalli, Bangalore - 560 neg The Oxford College of Engineering

Dr. R.V. P

PRINCIPAL

Bommanahalli, Hosur Road Bengaluru-560 068.

Signature with date

Name of the examiner

1. N. TAYARAJ

. Dr. Pusho anala. S

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

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CERTIFICATE

This is to certify that the Internship work entitled "SPARK PLUG MANUFACTURING" is a bonafide work carried out by Mr. D CHANDAN KRISHNA (10X15EC024) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Prof. Laya Tojo

Dept. of ECE

RINCIPAL

Dr. MANJU DEVI

Dr. R.V. PRAVEENA GOWDA Professor PROFESS PRC Engineering Dr. R.V. PRAVEENA GOWDA

Tire Oxford College of Engineering

Bommananalli, Bangalore - 560 068. The Oxford College of Engineering

Bommanahalli, Hosur Rord Bengalunu 280 088.

Name of the Examiner

Signature with date

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SPAR PLUG MANUFACTURING" is a bonafide work carried out by Ms. SHILPA G (1OX15EC086) in partial fulfillment for the award of BACHELOR OF ENGINEERING COMMUNICATION ENGINEERING under AND in ELECTRONICS VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Aruna J Asst. Professor Dept. of ECE

Name of the Examiner

Dr. MANJU DEVI

HOD

Professon & MODeoDED Engineering The Oxford College of Engineering

Bommananalli, Bangalere - 560 068.

RINCIPAL

Dr. R.V. PRAVEENA GOWDA

Principal TOCE

Dr. R.V. PRAVEENA GOWLA PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road

Signature with date

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "ENGINE DESIGN" is a bonafide work carried out by Mr. NIKHIL B M (10X15EC060) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JAN-FEB 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

C. JISHA CHANDRA

Asst. Professor Dept. of ECE, TOCE HOD

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Name of the examiner

1. N. JAYARAJ 2DR-Purhpanala. S. Signature with date

N. 14/06/19

Page | 2

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

Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SPR BASED BIOSENSORS" is a bonafide work carried out by Ms. MEENU HARSHAN (10X15EC052) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI year JULY-AUGUST2018 and JAN-FEB2019.lt is certified that all during corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. PREETA SHARAN

Professor Dept. of ECE, TOCE HOD

Dr. MANJU DEVI Head of the Department Dept. of ECE, TOCE

Dr. R.V.PRAVEENA GOWDA

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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Signature with date

Name of the Examiner

1. R. Bhargava Pane Good 2. D. P. Preshpanela S

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SENSORS FOR MONITERING CATTLE DISEASES AND CALVING, BASICS OF ARDUINO UNO" is a bonafide work carried out by Ms. MEGHANA HM(10X16EC409) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year FEB-MAY 2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The Internship report has been approved as it satisfies the academic requirements required for the above said degree.

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Prof.NITHIKA BASHI

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1. R Rhalgava Rama your

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CERTIFICATE

This is to certify that the Internship work entitled "PROGRAMMABLE LOGIC CONTROLLER" is a bonafide work carried out by Ms. SPURTHI A (10X15EC095) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

C. JISHA CHANDRA

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CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by PRATHIMA M K (10X16EC412), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

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Certified that the Internship entitled "R.F.I.D. LIBRARY MANAGEMENT" Carried out by SHIVAM(10X15ECO88), a bonafide student of THE OXFORD COLLEGE OF ENGINNERING, Bangalore in partial fulfillment for the award of the of BACHELOR OF ENGINEERING in ELECRONICS COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Guide

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SPARK PLUG MANUFACTURING" is a bonafide work carried out by Mr. B.DHARSHAN (10X15EC019) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Bhargay Rama Gowd Asst. Professor, Dept. of ECE

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CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by GOWTHAM M (10X15EC034), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Ms. NITHIKA BHASI Asst. Professor,

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Name of Examiner

om Signature with Date

1. N. JAYARAJ 2. Dx Pontpenda . S

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "CIRCUIT BREAKERS" is a bonafide work carried out by Mr. VIJAYALAKSHMI M (10X15EC047) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

HOD

Dr.R.V.PRAVEENA GOWDA Mr. R.BARGAVA RAMA GOWD Dr. MANJU DEVI Dr.R.V.PRAVEERS
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Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by HEMANTH KUMAR S (10X15EC038),a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

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Ms. NITHIKA BHASI

Asst. Prof Dept. of ECE

le HOD Dr. MANJU DEVI Dr. R. V. PRAVEENA GOWDA
Prefessor & HOD of E&C Engineering Dr. R.V. PRAVEENA GOWDA

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Name of Examiner

1. N. JAYARAJ 2. Dr. Punpamala, S.

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "ELECTRICAL MAINTANENCE IN FUEL PUMP MANUFACTURING FACILITY" is a bonafide work carried out by Ms.KAVITHA K (10X15EC041) in partial fulfillment for the of BACHELOR OF ENGINEERING in ELECTRONICS COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

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CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by GOVIND (10X15EC033), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Ms. NITHIKA BHASI

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Dr. PRAVEENA GOWDA

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GUIDE GUIDE

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Mr. R.BARGAVA RAMA GOWD

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Name of Examiner

1. Dr. Penlyamala. S 2. N. JAYARAJ Signature with Date

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This is to certify that the Internship work entitled "MISSION & COMBAT SYSTEM" is a bonafide work carried out by Mr. PAVAN KUMAR REDDY.A.P (10X15EC062) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS VISVESVARAYA AND COMMUNICATION ENGINEERING under TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

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Prof. RICHARD LINCOLN PAULRAJ

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CERTIFICATE

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> Professor & HOD of E&C Engineering ine Otto Deplege of Engineering

Guide

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Principal

BSignature with Date ad

Name of Examiner

1. N. JAYARAJ 2. Ps. Punhamola-S.

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This is to certify that the Internship work entitled "ARDUINO AND IOT" is a bonafide work carried out by Mr. YESHWANTH G R (10X15EC109), in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Dr. Preeta Sharan
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Name of the Examiner

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2. Dr. Purpanala. S. Signature

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SUID A HOD of E&C Engineer

Professor & HOD of E&C Engineering The Oxford College of Engineering Bommananali Naugakwi - 560 068. Professor & HOD of E&C Engineering
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Ms. NITHIKA BHASI

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Name of Examiner

1. N. JAYARAJ 2. Pr. Punpamalo. S.

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Ms. NITHIKA BHASI

HOD

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Name of Examiner

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled on "Test House, Engine Division HAL" is a bonafide work carried out by Mr. MOHAMMED NAFIL T C (10X15EC054) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS **ENGINEERING** under VISVESVARAYA COMMUNICATION AND TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Sounya Padukone G, Asst. Professor. Dept. of ECE

Professor Manful Devi Dr. Professor Fore State Of E&C Engineering

Dr.R.V. Praveena Gowda WDA TOCE

The Operation lege of Engineering The Oxford College of Engineering Bommananalli, Bangalore - 560 068

Bommanahadi, mustir Road Bengaluru-550 068.

Name of the examiner 1. N. JAYARAJ Dr. Purpanala S Signature with date N.W. 14/06/19

Bommanahalli, Hosur Road, Bangalore-560068

(Affiliated to VTU and approved by AICTE)

Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by SHIVAPUTRA (10X16EC416),a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Dr. MANJU DEVI

Asst. Prof Dept. of ECE

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

Bommananalli, Bangalore - 560 068.

Name of Examiner

1. N. JAYARAJ 2. Dr. Pungamala-S

Dr. R.V. PRAVEENA GOWDA TOGROUPAL

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

Signature with Date

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Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by HAROON KHURSHEED(10X15EC035), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree BACHELOR OF **ENGINEERING** in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Ms. NITHIKA BHASI

Dr. R V PRAVEENA GOWDA

Asst. Professor,

Professor & HOD of EXC Engineering

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Engineering Bommanahalli, Hosur Road

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Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by HAROON KHURSHEED(10X15EC035), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Asst. Professor,
Dept of ECE, TOCE
Name of Examiner

1. N. JAYARAJ

2. Dr. MANJU DEVI Dr. R V PRAVEENA GOWDA

Professor & HOD of E&C Engineering Principal, TOCE
The Oxford College of Engineering Principal P

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "COMMUNICATION OF RFID AND Wi-Fi" is a bonafide work carried out by Ms. DIKSHITHA K (10X15EC029) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

GUIDE

Mr. Veeresh Hosagoudar Profess PraMANU

Professor & HOD of E&C Engineering Dr. R.V. PRAVEENA GOWDA
The Used of the Department of E.R. Principal JOSENA GOWDA
Bommananalii, Bangalore-560 068 The Oxford College of Engineering Asst. Professor, Dept. of ECE, TOCE

Bommanahalli, Hosur Road Signature with date

Name of the Examiner

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Department of Electronics and Communication Engineering



CERTIFICATE

Certified that the Internship entitled "SOLAR POWER PLANT" Carried out by SHIVAPUTRA (10X16EC416), a bonafide student of THE OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of the Degree of BACHELOR OF ENGINEERING in ELECRONICS AND COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the academic year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Ms. LAKSHMLR

Dr. MANOU DEVI

Dr. PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

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Asst. Prof Dept. of ECE

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Name of Examiner

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1. N. JAYARAJ 2. Dr. Purhpamala. S TOGENCIPAL
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Signature with Date

N. # 14/06/19

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "SPARK PLUG MANUFACTURING" is a bonafide work carried out by Ms. SINDHU M (10X15EC091) in partial fulfillment for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Prof. ARUNA J

Asst. Professor,

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Professor MANJU DEVI

The Postone HOD, Dept. of ECE of Engineering

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PRINCIPA

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Name of the Examiner

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Department of Electronics and Communication Engineering



CERTIFICATE

This is to certify that the Internship work entitled "WEB TECHNOLOGY USING HTML" is a bonafide work carried out by Ms. NIVEDITHA.C(10X15EC021) in partial fulfillment for the award of BACHELOR OF ENGINEERING ELECTRONICS AND COMMUNICATION ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Mrs. Aruna Asst. Professor, Dept. of ECE, TOCE

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CERTIFICATE

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Name of the Examiner

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CERTIFICATE

This is to certify that the internship work entitled "MANUFACTURING AND TESTING OF DISTRIBUTION TRANSFORMERS" is a bonafide work carried out by AISHWARYA PURUSHOTHAM, BINDU.R, CHAITHRA .K.R in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment has been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

INTERNAL GUIDE Mrs. Nalina kumari **Associate Professor** Dept. of EEE

Dr. Bharath V S

PHOAD OF Department EEE

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Dr. Princibalveena GOWDA

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Name of the Examiners:

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SHWETHA. IS

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "SUBSTATION 66kv/11kv stepdown" is a bonafide work carried out by ANUSHREE.T bearing USN 10X15EE008 and AKSHATA V.M bearing USN 10X15EE002 in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

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Name of the Examiners

1. JAYAWMOR N d. SHWETHA. B

Signature with date

N. Styre 12/6/19

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018-2019 CERTIFICATE

This is to certify that the internship entitled "OVERALL VIEW OF SWITCHYARD AND SWITCHYARD EQUIPMENTS" is a bonafide work carried out by AKSHAYA K bearing USN 10X15EE003 in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Mr N MUNIYAPPA

Associate Professor

Dept. of EEE, TOCE

External Guide

Engineering Manager(EDRC)

L&T Construction,

PT&D

Professor & Htead EEE The ONTORE College of Engg. Bommanahalli, Hosur Road

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Principal

The Aid Bal TOCE of Engineering Bommanahaili, Hosur Road

Bengalury-560 068 date

N. Styre 13/6/14

Name of the Examiners

JAYAKUMBR-N 1.

SHWETHA. R

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CERTIFICATE

This is to certify that the internship entitled "SCADA AND PLCC" is a bonafide work carried out by AMARNATH R (10X15EE005) and NANDISH B K (10X15EE051) in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018- 2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

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ProfessophARAA EEE The Daterd Gollege of Engg.

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Principal TAGE, Hosur Road

Bengaluru-560 068.

Name of the Examiners

1) JAYAKUMAR-N

2) SHWETHA IS

Signature with date

N. The wells

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED ON PERFORMANCE EVALUATION OF DISTRIBUTION SYSTEM" is a bonafide work carried out by AMRUTHA.P.S(10X15EE006) and DEEPA.R(10X15EE023) partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Mrs. B DEVI VIGNESHWARI

Associate Professor

Dept. of EEE, TOCE

Dr. V S BHARÁTH Professor & H The Oxford College C

Bommanahalli, Hosur Road Bangalore-560 068

Principal

Dr RVV PRAVEENA GOWDA

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

Signature with date

N. J. 18/8/19

Name of the Examiners

1. JAYAKWHOR.N 2. SHWETHA.R

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED ON PERFORMANCE EVALUATION OF DISTRIBUTION SYSTEM" is a bonafide work carried out by ANUSHA.S.BASARI(10X15EE007), ASHWINI.N.S(10X15EE012) and NAMITA.R.ANGADI (10X15EE049) partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs. B DEVI VIGNESHWARI

Associate Professor

Dept. of EEE, TOCE

Professor & Head EEE
The Oxf@rdVcS@leaeAFHE

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Bangalore-560 068

Principal

Dr R V PRAVEENA GOWDA

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

N. 5/2 13 18 19 1/2/06/19

Name of the Examiners

1. JAYAKUMBR. N

2, SHWETHA. B

Accredited by NBA, NAAC & IAO

Bommanahalli, Hosur main Road, Bangalore - 560068

(Affiliated to Vishvesvaraya Technological University, Belgaum)

Department of Electrical and Electronics Engineering



This is to certify that the Internship report entitled "LIGHTING DESIGN" submitted by APOORVA BHAT(10X15EE009), DEEPTI SHREE S (10X15EE024), LIKHITHA S (10X15EE038) has been satisfactorily completed. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The internship report has been approved as it is satisfying the academic requirements prescribed by Visvesvaraya technological University, Belgaum.

Mrs Sumitha T.L

Assistant professor,

Dept. Of EEE, TOCE

Dr. VS Bharath

HOD, Dept of EEE,

TOGE Professor & Fead EEE The Oxford College of Engg. Bommanahalli, Hosur Road Bangalore-560 068 Dr. R WPraveena Gowda

Dr. R.V. Principal VA GOWDA PRINCIPAL

The Oxford TOCE of Engineering Bommanahalli, Hostir Road Bengaluru-560 088.

Name of the examiners

1. JAYAKWHOR.N

2. SHWETHA.IS

Signature and date

13/6/19

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068 (Affiliated to VTU and approved by AICTE, Accredited by NAAC AND NBA)

Department of Electrical and Electronics Engineering



This is to certify that the internship work entitled "THE STUDY OF AUTOMATIC AND SEMI-AUTOMATIC WINDING MACHINES" is a bonafide work carried out by ARPITHA P A (10X15EE010), KEERTHANA V (10X15EE037), MEGHANA (10X15EE042), NANDINI K C (10X15EE050) in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment has been incorporated in the report. The internship report has beenapproved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

INTERNAL GUIDE Mrs. Viji K **Associate Professor** Dept. of EEE

PRINCIPAL Dr. R V Praveena Gowda **Principal**

Head of PepartmenEEE The Oxford Road Road R.V. PRTOCE A GOWDA

Bommanahalli, Hosur Road

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Name of the Examiners:

JATAKUMOR. N 1.

SHWETHA, R

Signature with Date:

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

Department Electrical & Electronics of Engineering



This is to certify that the internship entitled "Organisational Study" is a bonafide work carried out by Arun kumar (10X15EE011), Anil kumar reddy T (10X15EE096), Dhananjaya S P (10X14EE027), Hemanth R (10X15EE030) in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide Mrs. SUMITHA T L **Assistant Professor**

of EEE TOCE

he Oxford College of Enggrincipal, TOCE Dept.

Bommanahalli, Hosur Road Dr. R.V. PRAVEENA GOWDA Bangalore-560 068 PRINCIPAL

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

Name of the Examiners

1) JAYAKUMOR N

2) SHWETHA. B

N. 5/12/6/18

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to Certify that the Internship entitled "STUDY ON ELECTRIC AND ELECTRONIC COMPONENTS USED FOR ENGINE TESTING" has been carried out by AZEEZ UR RAHMAN SHARIEFF, bonafide student of The Oxford College of Engineering Bangalore, in partial fulfilment for the award of Bachelor of Engineering in ELECTRICALS AND ELECTRONIS ENGINEERING of Visvesvaraya Technological University, Belagavi during the year 2018-2019.

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

Internal guide

NISHA .C. RANI

Dr.V.S.BHARATH •

HOD

Dr. R. V PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

Associate. Professor

PREFESODEBEHROOF EEE

Principal, FQCBIPAL

DEPT. OF EEE, TOCE

Bommanahalli, Hoser Road

The Oxford College of Eng9The Oxford College of Engineering Bommanahalli, Hosur Road

Name of Examiners

ცაიეარი-560 068

Bengaluru-560 068. Signature with dates

1 JATAKUMOR N

2....SHWETHA.B

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the internship entitled "STUDY OF SUBSTATION MAINTENACE" is a bonafide work carried out by BASAVARAJ S B (10X15EE014), CHANDRU C K (10X15EE020), KARISHMA V (10X15E034), NIDHI N M (10X15EE053) in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs. DEEPA R

Assistant Professor

Dept. of EEE, TOCE

External Guide

SMT H N MANJULAKUMARI

AEE at SRS PEENYA

KPTCL

Professath

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Dr R V PRAVEENA GOWDA,

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PRINCIPAL

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

N. St. 13/6/19

1. JAYAKUMAR. N 2. SHWETHA. B

Name of the Examiners

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CERTIFICATE

This is to Certify that the internship entitled "ESTIMATION AND DESIGN OF LOW VOLTAGE ELECTRICAL CONTROL PANELS" is a bonafide work carried out by BASIT ALI KHAN bearing USN 10X15EE015 in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electricals And Electronics Engineering at The Oxford College Of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering

Professor & Head EEE The Oxford College of Fugg.

Bangalore-560 068

Mrs RESNASR

Mr.DILIP KUMAR KR

Dr. V.S.BHARATH

Asst.Professor

degree.

Head of Organization

Dept. OF EEE, TOCE

Dept. OF EEE, TOCE

ELEXTECH DESIGNS

VEENA GOWDA

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Signature with date Dr. R.V. P.

Name of Examiners

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "OVERVIEW OF ELECTRICAL MAINTENANCE OF PLANT MACHINES" is a bonafide work carried out by DIVYASHRI S bearing USN 10X15EE025 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs NISHA C RANI

Associate Professor

Dept. of EEE, TOCE

Dr V S BHARATH

Professor & Head EEE

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Name of the Examiners

TAYAKWMON. N

2. SHARATH KUMAR.B

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Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certified that the Internship report entitled "SUPPLY, DISTRIBUTION AND LOAD ON ALH HELICOPTER " by GEETHASHREE.K.A, HARSHITHA.S AND MOUNIKA.K.R during the academic year 2018-19. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in report. The internship report has been approved as it is satisfied the academic requirements with respect to Internship prescribed for the Masters of Technology degree.

Signature of Guide

(Mrs NALINA KUMARI)

(DR. V. S. BHARATH) Professor & Head EEE

The Oxford College of Eng Bommanahalli, Hosur Road The Oxford College of Engineering

Bangalore-560 068

Signature of Principal

(DR. R V. PRAVEENA GOWDA)

Dr. R.V. PRAVEENA GOWDA

Bommanahalli, Hosur Road Bengaluru-590 068.

1. JAYAKUMOR. N d. SHWETHAR

N. July 13/6

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "RELIABILITY ANALYSIS OF HIGH VOLTAGE POWER SUPPLY UNITS PCB CARDS" is a bonafide work carried out by CHANDRA BABU T N bearing USN 10X16EE403 and K S SUPRITHA bearing USN 10X15EE033 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs B DEVI VIGNESHWARI

Associate Professor

Dept. of EEE, TOCE

Mr PI Projec

Flyvi Technologies

Pvt ltd

Dr V S BHARATH

The Oxford College of Engg Bommanahalli, Hosur Road

Bangalore-560 068

Dr R V PRAVEENA GOWDA,

Prildipli, VTOCE VEENA GOWDA

ncipal

PRINCIPAL

The Oxford College of Engineering Bommanahalli, Hosur Road Bengaluru-580 068.

Signature with date

Name of Examiners JAYAKUMOR -N

SHWETHA, B

Accredited by NBA, NAAC & IAO Bommanahalli, Hosur main Road, Bangalore - 560068 (Affiliated to Vishvesvaraya Technological University, Belgaum) Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the Internship report entitled "Railway Interlocking system" submitted by Kavya B has been satisfactorily completed. It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The internship report has been approved as it is satisfying the academic requirements prescribed by Visvesvaraya technological University, Belgaum.

Associate Professor

Dept. of EEE, TOCE

or. R V Fraveena Gowda

The Deptil of Enga Principal, TOCE
Bommanahalli, Hosur Road R.V. PRAVEENA GOWDA

Bangalore-560 068

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

Name of the Examiners:

JAYAKWYAR . N

2. SHWETHA.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



CERTIFICATE

This is to certify that the internship report entitled "MANMUL POWER DISTRIBUTION SYSTEM" is a bonafide work carried out by DARSHAN GOWDA V Y (10X15EE021), GIRISH M K (10X15EE028), PRAVEEN KUMAR G P (10X16EE417) in partial fulfilment of INTERNSHIP in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Signature of Internship

In charges

Mrs. RESNA S R

Dept. of EEE, TOCE

Dr. BHARATH V S

Signature of Principal

Dr. R.V. PRAVEENA GOWDA Dr. R.V. PRAVEENA GOWDA

Pept of EEE TOCE The Oxford College of Engineering The Oxford College of Engg. Bommanahalli, Hosur Road Bengaluru-560 068.

Bommanahalii, Hosur Road Bangalore-560 068

Name of the Examiners

1. JAYAKWMAR. N 2. SHWETHA. B

Signature of Examiners with date

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

AND TESTING OF DISTRIBUTION TRANSFORMERS" is a bonafide work carried out by Nayana B U, Saud Ahmed Khan, Shaikh Mohmad Ibrahim, Sunitha D R bearing usn 10X15EE052, 10X15EE078, 10X15EE080, 10X15EE091 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs RESNASR

Assistant Professor Dept of EEE, TOCE Dr V S BHARATH

Dept of EEE, TOCE

Professor & Head EEE
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Principal Dr R V PRAVEENA

GOWDA Dr. R.V. PRAVEENA GOWDA Principal FACEPAL

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

Signature with date

Name of the Examiners

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE, Accredited by NAAC and NBA)

Department of Electrical and Electronics Engineering



CERTIFICATE

This is to certify that the internship entitled "DATA TRANSMISSION USING GPON TECHNOLOGY" is a bonafide work carried out by Niharika.R.Shetty (10X15EE054) and Roopa.S (10X15EE069) in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagaum for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

| Cyt | S. Mululudy Mr. Murthy Chyvss | Changall |
|----------------|----------------------------------|-------------------|
| Mrs. Manjula.C | Mr. Murthy Chvvsss | Dr. V.S Bharath |
| Internal Guide | External Guide | Head of Departmen |

JTO Assoc. Prof, Dept of EEE

TOCE

DTTC-BSNL

EEE, TOCE

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

Dr. R.V Praveena Gowda

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Signature with date: Name of Examiners

Bommanahalli, Hosur Road AYAKWM BE, N Bengaluru-560 068

CHINETHA

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE, Accredited by NAAC and NBA)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "SOLAR POWER PLANT (ROOFTOP DESIGN AND MW SOLAR POWER PLANT DESIGN)" is a bonafide work carried out by POOJA C bearing USN 10X15EE055, PRATHYUSHA G bearing USN 10X15EE059, PRIYANKA Y NAIK bearing USN 10X15EE061 and RANJITHA S bearing USN 10X15EE067 in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mr. JAYAKUMAR.N Associate Professor Dept. of EEE

TOCE

Profession Brakanthee The Oxford College of Engg.
Bommanahalli, Hosur Road
Baggalore-560 068

Dr. RW PRAVEENA Dr. RW PRAVEENA GOWDA PRINCIPAL

The PAN MEIPALEGE of Engineerin Bommanahalli, Hosur Road TOGEngaluru-560 068.

Name of the Examiner

1) JAYAKUMBR. N 2) SHARATH KUMAR. B Signature with date

N. Jy 15/6/4

Shapeth 119

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Accredited by NBA and NAAC)

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "RENEWABLE ENERGY(SOLAR POWER PLANT STUDY AND DESIGNING)" is a bonafide work carried out by MOHAN RAJ(10X15EE063), POOJA JR(10X15EE057), RAFHIK(10X15EE064), in partial fulfilment of internship in 8th semester. Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide Mr. JAYAKUMAR N

Associate Professor Dept. of EEE, TOCE

ADente of BEEL TOCK! EEE

The Oxford College of Engg. Bommanahalli, Hosur Road

Bangalore-560 068

ncipal RV PRAVEENA GOWDA, Principal ,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. JAYAKUMOR. N 2. SHWETHA.B

(Affiliated to VTU and approved by AICTE)

(Accredited by NAAC & NBA) DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "PLC AUTOMATION AND SCADA" is a bonafide work carried out by PREETHAM A G, bearing USN 10X15EE060 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavifor the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Mr.MUNIYAPPA

Dept. of EEE, TOCE

Assisstance professor

V PŘAVEENA GOWDA

Dept of EEE, TOCE

Pricipal, TOCE Dr. R.V. PRAVEENA GOWDA PRINCIPAL

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

Name of the Examiner

JAYAKUMOR.N

2, SHWETHA.B

Signature of the Candidate

N. Oyu 16/9.

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

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DEPARTMENT OF ELECTRICAL AND **ELECTRONICS ENGINEERING**



2018 - 2019

<u>CERTIFICATE</u>

This is to certify that the internship entitled "SOLAR POWER PLANT (ROOFTOP DESIGN AND MW SOLAR POWER PLANT DESIGN)" is a bonafide work carried out by ROSHINI.D bearing USN 10X15EE070, S.SUBBASREE bearing USN 10X15EE072, SACHIN AYLI bearing USN 10X15EE075, SHYAMALA.G bearing USN 10X15EE083 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Ğuide Mrs. SANDHYA RAI Associate Professor Dept. of EEE, TOCE

Bommanahalli, Hosur Road Bangaiore-560 068

IRAVEBNA GOWDA.

Principal, TOCE College of Engg. Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

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

Name of the Examiners

Signature with date

N. Aye 14/6/2

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068 (Affiliated to VTU and approved by AICTE, Accredited by NAAC and NBA) DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the Internship work entitled "SUBSTAION PLANNING AND GRID MANAGEMENT" is a bonafide work carried out by Vijayalakshmi V bearing USN 10X15EE100, Sridevi T T bearing USN 10X15EE085, Akash S bearing USN 10X15EE073, Sumanth S bearing USN 10X15EE090, in partial fulfillment of Internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

MRS. RAICHEL RUBYThe Oxford V

Associate Professor Dept. of Bommanah Deptcof ERE, TOCE

EEE,TOCE

Dr. R.V. PRAVEENA GOWDA

principal, TOCE GOWDA Dr. R.V. PRA

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

Signature with date

N. Trepolope, Ohrello Warls

Name of the Examiners

1. JAYAKUMBR.N

2. SHARATH KUMBR B

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "RENEWABLE ENERGY(SOLAR POWER PLANT STUDY AND DESIGNING)" is a bonafide work carried out by SANGEETHA M S (10X15EE076), SANJAYA HEGDE (10X15EE077), SHWETARANI (10X15EE082) in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineeringdegree.

Associate Professor Dept. of

EEE.TOCE

Dr. H. NAGANAGOUDA, DIRECTORE ON SOBBARATHOF Eng

NTCST, KPCL

Bengaluru, Karnataka - India

BorDeptnefiEFE, HOSE Road

Bangalore-560 068

Principal

Dr R V PŘAVEENA GOWDA,

Principal, TOCE

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

The Oxford College of Engineering Bommanahafii, Hosur Road Bengaluru-599 968.

Signature with date

1. Jayarogan. N

Name of the Examiners

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "EMBEDDED SYSTEM BASED (HOME AUTOMATION USING ARDUINO AND BLUETOOTH MODULE)" is a bonafide work carried out by SREE HARINI.S bearing USN 10X15EE084 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs. MANJULA.C

Associate Professor

Dept. of EEE, TOCE

External Guide

Mr. THANGAVEL.P

Managing director

Rennova solutions

Bengaluru

Dr.V.S.BHARATH

Dept. of EEE, TOCE Professor & Head EEE The Oxford College of Eng Bommanahalli, Hosur Road

Bangalore-560 068

Principal

Dr.R.V.PRAVEENA GOWDA,

Principal, 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

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Accredited by NBA and NAAC)
(Affiliated to VTU and approved by AICTE)

(Adminico to VIO and approved by AICIE)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "RENEWABLE ENERGY(SOLAR POWER PLANT STUDY AND DESIGNING)" is a bonafide work carried out by SRIDHAR PATIL(10X15EE086), SUHAS Y(10X15EE088), TEJAS KUMAR G(10X15EE097), VINOD KUMAR K (10X15EE102) in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

INTERNAL GUIDE Mrs.T SOMESWARI ASSISTANT PROFESSOR Dept of EEE

Dr. V S BHARATH
Dept of EEE, TOCE
Professor & Head EEE
The Oxford College of Engg.
Bommanahalli, Hosur Road

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PRINCIPAL

Dr. R V PRAVEENA GOWDA

Dr. R. WOCEAVEENA GOWDA

PRINCIPAL
The Oxford College of Engineerin
Bommanahaili, Hosur Road
Bengaluru-560 068.

Name of the Examiner

1. TAYAKWMAR. N

2. SHWETHA. B

Signature with date

these ...

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "STUDY OF SOLAR ENERGY AND DESIGNING OF SOLAR POWER PLANT" is a bonafide work carried out by SRIRAM M J bearing USN 10X15EE087, UMESH V bearing USN 10X15EE098, MALATESH MALABER bearing USN 10X16EE408 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mrs. Someswari. T

Associate Professor

Dept. of EEE, TOCE

External Guide

Dr. H. NAGANAGOUDA

Director of national training center for solar KPCL

The Oxfprincipal TOCE gineering Bommanahalli, Hosur Road Bengaluru-560 068.

Signature with date

Depta of HDE, FOEE 68

Name of the Examiner

1. JAYAKUYAR. N 2. SHARATH KUMAR.B

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

Department of Electrical & Electronics Engineering



CERTIFICATE

This is to certify that the Internship work entitled "Study on HV& LV Contol Panels" is a bonafide work carried out by Swathi Rani H, bearing USN 10X15EE092, Swathi P bearing USN 10X15EE093, A.V. Deekshashreebearing USN 10X16EE400 in partial fulfillment of Internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engig under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It iscertified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as itsatisfies the academic requirements for the award of Bachelor of Engineeringdegree.

Mrs Raichel Ruby M

Associate Professor

Dept. of EEE, TOCE

A GOWDA

The Oxforp fincinal Engineering Dr R V BRAVEE

Principal, TOCE

Signature withdate

Name of the Examiners

1. JAYARWYON. N 2. SHARATH KUMAR. B

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "A STUDY ON MANUFACTURING AND TESTING OF DISTRIBUTION TRANSFORMERS" is a bonafide work carried out by Chandrashekar, Manojkumar H, Pradeepkumar, bearing USN 10X16EE404, 10X16EE410, 10X16EE416 in partial fulfilment of internship in 8th semester, Bachelor of Engineering in the course of Electrical and Electronics Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

INTERNAL GUID

Mrs. VIJI K

Assistant Professor

Dept of EEE, TOCE

Dr.BHARATH VS

Profiles of EED Prince
The Oxford College of Engg. The Oxford College of Engg. Bommanah Bengal Bangalore-560 068

PRINCIPAL

Dr.RWERAYEENAGOWDA

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

Name of the Examiners

1. JAYAKUMBA. N

2. SHARATH KUMAR.D

Signature with date

No Tropely

Shorets 13/6/19

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

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the internship work entitled "Selection Of Optimal Cross Section Of Members For Frame Considering Weight, Bending Strength, Torsional Rigidity (Three Cross Section) & Plot Scattered Graph To Show Output"has been carried out by S.S.Shiva Gurumoorthy, bearing USN: 10X15ME067 a Bonafede student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering Of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

G.TI. Pre 119

Signature of Guide

Prof. Madhu Sudana Reddy G

Examiners:

1)

2)

Signature of HOD

Dr. Rahendra MPDNoHEAD
DEPARTMENT OF MEGHANICAL ENGINEERING
THE DAFORD & LEGBOF 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 internship work entitled "Study on Powerplants and Control Equipment Manufacturing" has been carried out by Sanjay R bearing USN (10X15ME076), a bonafide student of The oxford college of engineering, Bangalore in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

Signature of Guide

Mr. Madhu Sudana Reddy G

Signature of HOD

Dr. Mahendra M Dhongadi

THE OXFORD COLLEGE OF ENGINEER SOMMANAHALLI, BANGALORE SOO

Signature with date

Examiners:

1.

2.

Bommanahalli, Hosur Road, Bangalore - 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the Internship entitled "HYBRID AUTOMOTIVE DESIGN AND DEVELOPMENT" has been carried out by S Nishank Jadhav (10X15ME102) bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said degree.

INTERNAL GUIDE Mr. Suhas V **Assistant Professor** Dept. of Mechanical Engineering

TOCE, Bangalore

Dr. Mahendra M Dhongadi

Professor and Head

Department of Mechanical Engineering

TOCE, Bangalore

Examiners:

EXTERNAL GUIDE Mr. Sonu Choudhary

PRINCIPAL

Dr. R V Praveena Gowda

Principal

TOCE, Bangalore.

Signature with date

1.

2.

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



CERTIFICATE

This is to certify that the Internship work entitled "VARIOUS PARTS AND ITS FUNCTIONS OF HHP LOCOMOTIVES" has been carried out by TRISHUL N (10X15ME094), a bonafide student of The OXFORD COLLEGE OF ENGINEERING, Bangalore in partial fulfillment for the award of Bachelor of engineering in MECHANICAL ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2018-2019.

Signature of Guide

Prof. PRASAD H NAYAK

Signature of Internship Co-ordinator Prof. RAVIPRAKASH M Signature of HOD Dr. MAHENDRA M DHONGADI

(os) 12

Signature of Principal

Dr. R V PRAVEENA GOWDA

Examiners

Signature with Date

1.

2.

Bommanahalli, Hosur Road, Bangalore - 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



CERTIFICATE

This is to Certified that the Internship on "RENEWABLE ENERGY" has been carried out by GANESH N (10X15ME033) bonafide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for the said degree.

(Signature of guide)

Examiners:

1. Prasad. H. Nayah 2. Chethana Ky

Dr. Mahindra M Dhongadi (Head of the Department)

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

Signature with date

HOSUR ROAD, BOMMANAHALLI, BANGALORE-560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the internship work entitled FORGING DEFECT ANALYSIS has been carried out by Vachan G L(10X16ME420), a bonafide student of The oxford college of engineering, Bangalore in partial fulfillment for the award of Bachelor of engineering in MECHANICAL ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagaumduring the year 2018-2019.

Internal Guide Raviprakash M Mechanical Department TOCE Bangalore External Guide Mr. Ravichandra G K Asst. General Manager Quality Department 5 280°

Head of the Department
Dr. Mahendra M Dhongadi
Medical Department
DEPARTMEDICE Bangalone Engineering
THE OXFORD COLLEGE OF ENGINEERING

THE OXFORD COLLEGE OF ENGINEERIA
BOMMANAHALLI, BANGALORE-560068

Signature of the Principal
The Drick V Prayeena Gowda

Bommanahalli, Hosur Road Bengaluru-560 068

EXAMINARS:

Signature with date

1. Prasad. H. Nayah

2. Chestroma &x

13/6/19 6 tex 18/6/19

HOSUE ROAD, BOMMANAHALLI, BENGALURU - 560068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that Umesh L, USN:- 10X16ME416, a student of Mechanical Department. The Oxford College of Engineering, Bangalore worked under my supervision during his internship period and he worked at Bosch India Limited. I am pleased to state that he worked hard in preparing this report and he has been able to present a good picture of the concerned works.

Guide:

Mr. Suhas V

Asst Professor,

Dept of Mechanical Engg,

TOCE, Bangalore.

HOD:

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BOMBAINSHALL FAMORE 860068

HOD,

Dept of Mechanical Engg,

TOCE, Bangalore.

i) Prasciol. H- Mayali 2) Chethana Ky 3/6/19 Bt 13/6/19

Bommanahalli, Hosur Road, Bangalore -560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechanical Engineering



Certified that the Seminar entitled "Micro Opto-mechanical Cantilever using Photonic Crystal" has been carried out by Swarajit Pal (10X15ME089) bonafide student of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Seminar work prescribed for the said degree.

INTERNAL GUIDE

Mr . Raviprakash M

Assistant Professor

Department of Mechanical Engineering

angeoly of ENGI

TOCE, Bangalore OFESSSOR & HE?

Dr. Mahindra M. Dhongadi ANGALORE-55

Professor and Head

Department of Mechanical Engineering

TOCE, Bangalore

External Examiners:

1. Prasad. H. Nayalı 2. Chethana KY

EXTERNAL GUIDE

Dr. Narayan K

R&D Head, SVIT

Yelahanka

Bangalore,

PRINCIPAL

Dr. R V Praveeena Gowda

Dr. R. VIDEE, Bangalore OWDA

The Oxford Oc∈ Engineering Bommanahalii, Hesur Road

Bengaliture With Chate

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

Department Of Mechanical Engineering



CERTIFICATE

This is to certify that the internship report entitled "FAMILIARIZATION OF DESIGN AND DEVELOPMENT OF THE AIRCRAFT" has been carried out by SWAMY R N (10X16ME415), a bonafide student of the oxford college of engineering, Bangalore in partial fulfillment for the award of Bachelor of engineering in MECHANICAL ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belgaum during the year 2018-2019.

INTERNAL GUIDE
Prof. RAVI PRAKASH M
Department Of ME, TOCE

EXTERNAL GUIDE
Mr. GURU SIDDAPPA K.S
faculty member at HAL

Head of the Department

Dr. MAHENDRA M
PROFESSOON HEAD
DEPARTMENT OF MECHANICAL FACILITY

THE OXFORD COLLEGE OF ENGINEERS BOMMANAHALLI, BANGALORE-560068

Ting of Pricy En Aging WDA

Bommanahaii, Hosur Road

THE OXFORD COLLEGE OF ENGINEERING

EXAMINER 1

Prasad. H. Nayale

EXAMINER 2

Fto 1316/19

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

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the internship work entitled "Selection Of Optimal Cross Section Of Members For Frame Considering Weight, Bending Strength, Torsional Rigidity (Three Cross Section) & Plot Scattered Graph To Show Output" has been carried out by Shiva Nandan N, 10X15ME085, a Bonafide student of The oxford college of engineering, Bangalore in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering Of Visvesvaraya Technological University, Belgaum during the year 2018-2019.

Signature of Guide

Prof. Mr. Madhu Sudana Reddy. G

Examiners:

1.

2.

Signature of HOD

Dr. Mahendra M Dhongadi

PROFESSSOR & HEAD
DEPASIgnature with Date HERING
THE OXFORD COLLEGE LIFE HERING
BOMMANAHALLI, BANGALCAL 350068









Certificate of Internship

This is to certify that Ms. Chaithanya R, (Reg. No. 10X15BT011) student of 4th year B.Tech Biotechnology at <u>The Oxford College of Engineering</u>, <u>Bengaluru</u>, <u>India</u> successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Inhibition of MAPKinase in cardiovascular hypertrophy.
 During the phase of her internship program, she learned and worked on softwares like
 AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She

had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual,

hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Uses time constructively.



Signature of the Supervisor Girinath G. Pillai, PhD

If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

Contact: Telefax: +91 80 4110 4821 Mobile: +91 94483 67493 Email: info@zastrain.com

Regd. Office: #837-203, II Floor, 3rd Cross Rd HRBR Layout 1rd Block Kalyan Nagar, Bengaluru Kamataka 560043. India

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MPO | ADME | QSAR | UNCLE | Databases | FlexX |
Forcefields | Torch30 | GIBBS | PHONON |

Registration Nos: Page 1 of 8
GSTIN: 29AACZ9706D1Z4
D-U-N-S: 860373874
PAN: AAACZ9706D
CIN: U72900KA2016FTC092590









केन्द्रीय रेशम प्रौद्योगिक अनुसंधान संस्थान केन्द्रीय रेशम बोर्ड

कन्द्राय रशम बाड (वस्त्र मंत्रालय - भारत सरकार)



र्वा.टी.एम. लेआऊट, मंडिवाला, बॅगलूरू - 560 068 CENTRAL SILK TECHNOLOGICAL RESEARCH INSTITUTE CENTRAL SILK BOARD

(Ministry of Textile - Govt. of India) B.T.M. Layout, Madivala, Bengaluru - 560 068.



Phone: 080-26685238, 26282190, Fax: 080-26680435, E-mail: cstriban.csb@nic.in, Web: www.cstri.res.in

CSB/CSTRI/TRG/INTENSHIP/2018-19

DATE: 03.08.2018

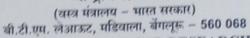
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Kum. Bindushri .V D/o C. Vasanth Kumar studying Final Year B.E (Biotechnology - Batch 2015-2019) bearing University Seat Number 10X15BT010 at The Oxford College of Engineering, Bangalore under Visvesvaraya Technological University, Belagavi, Karnataka State has successfully completed One month Internship from 05.07.2018 to 03.08.2018 at Central Silk Technological Research Institute, Central Silk Board, Bangalore in Silk Technology with Special reference to "Mulberry Silk Reeling Technology".

Her conduct was found to be satisfactory during the internship period

(K.JAGANATHAN) Scientist-D

केन्द्रीय रेशम प्रौद्योगिक अनुसंधान संस्थान केन्द्रीय रेशम बोर्ड





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(Ministry of Textile - Govt. of India) B.T.M. Layout, Madivala, Bengaluru - 560 068.



Phone: 080-26685238, 26282190, Fax: 080-26680435, E-mail: cstriban.csb@nic.in, Web: www.cstri.res.in

CSB/CSTRI/TRG/INTENSHIP/2018-19

DATE: 03.08.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Kum. Prerana Prakash Balikai D/o Prakash Balikai studying Final Year B.E (Biotechnology - Batch 2015-19) bearing University Seat Number 10X15BT007 at The Oxford College of Engineering, Bangalore under Visvesvaraya Technological University, Belagavi, Karnataka State has successfully completed One month Internship from 05.07.2018 to 03.08.2018 at Central Silk Technological Research Institute, Central Silk Board, Bangalore in Silk Technology with Special reference to "Mulberry Silk Reeling Technology".

Her conduct was found to be satisfactory during the internship period.

Scientist-D



TO WHOMESOEVER IT MAY CONCERN

10-08-2018

Sub: Reg the Attendance Letter related to Research Project performed at Stellixir Biotech

This is to certify that Ms. APOORVA.L (Reg. No. 10X15BT006), Department of Biotechnology, The Oxford College of Engineering, Bangalore-560068., has attended and performed their Research Project on Cancer Cell line based studies by Flow Cytometry from 09.07.2018 to 09.08.2018 at Stellixir Biotech Pvt. Ltd, Bangalore - 560 057.

Their Research Project is completed and has showed accurate results.

Thanks and Regards,

FOR STELLIXIR BIOTECH PVT. LTD

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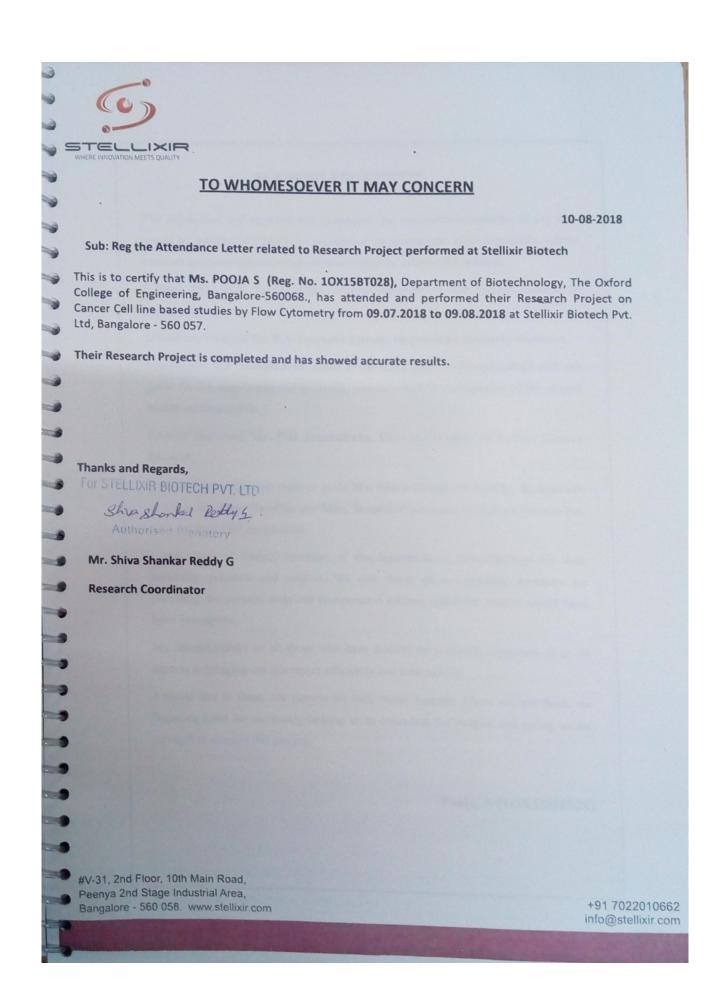
Mr. Shiva Shankar Reddy G

Research Coordinator

Stellixir Biotech Pvt Ltd

#V-31, 2nd Floor, 10th Main Road, Peenya 2nd Stage Industrial Area, Bangalore - 560 058. www.stellixir.com

+91 7022010662 info@stellixir.com





TO WHOMESOEVER IT MAY CONCERN

10-08-2018

Sub: Reg the Attendance Letter related to Research Project performed at Stellixir Biotech

This is to certify that Ms. VIDYASHREE D (Reg. No. 10X15BT048), Department of Biotechnology, The Oxford College of Engineering, Bangalore-560068., has attended and performed their Research Project on Cancer Cell line based studies by Flow Cytometry from 09.07.2018 to 09.08.2018 at Stellixir Biotech Pvt. Ltd, Bangalore - 560 057.

Their Research Project is completed and has showed accurate results.

Thanks and Regards,

Mr. Shiva Shankar Reddy G

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Research Coordinator

Stellixir Biotech Pvt Ltd

#V-31, 2nd Floor, 10th Main Road, Peenya 2nd Stage Industrial Area, Bangalore - 560 058. www.stellixir.com

+91 7022010862 info@stellixir.com



Whiteheld Road, Bangalore-560 066. India

Phone: + 91 80 28416140 Fox: + 91 80 28416132 Fax Web www.ibioinformatics.org

September 14, 2018

Letter of information

This is to mention that Ms. Shophiya S., a student of B.E. Biotechnology in The Oxford College of Engineering has been introduced to proteogenomic analysis pipeline by me and my Ph.D. students - Lathika Gopalakrishnan and Jayshree Advani for a short period from July 10, 2018 to August 6, 2018.

This letter is issued upon the request of the student.

T. S. Keshava Prasad, Ph.D.

Faculty Scientist

Email: keshav@ibioinformatics.org

THE OXFORD COLLEGE OF ENGINEERING

BOMMANAHALLI, BANGALORE-560068

(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF BIOTECHNOLOGY



CERTIFICATE

This is to certify that the seminar work entitled "Proteogenomic Approaches for Genomic Annotation" was presented by Vidhyashree.R USN 10X15BT035in partial fulfilments for theaward of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi, during the academic year 2018 - 2019. The seminar report has been approved as it satisfies the academic requirements in respect of seminar work prescribed for the said degree.

Signature of Internship Guide

Signature of HOD

External Viva

Name of the Examiners

Signature with

Date

1.

2.





Zastra Innovations Pvt. Ltd.

Certificate of Internship

This is to certify that Ms. Tahmina Aslam, (Reg. No. 10X15BT044) student of 4" year B.Tech Biotechnology at The Oxford College of Engineering, Bengaluru, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously.

i) Computational modelling of Acute Ischemic stroke.

During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive

We wish her every success in her life and career

Duration of Internship:

Evaluation of the Internship:

Comments on the student's performance noting strengths and weaknesses:

July 09, 2018 to August 09, 2018

Excellent / Satisfactory / Unsatisfactory

Excels in facilitating group discussions.



Signature of the Supervisor Girinath G. Pillai, PhD

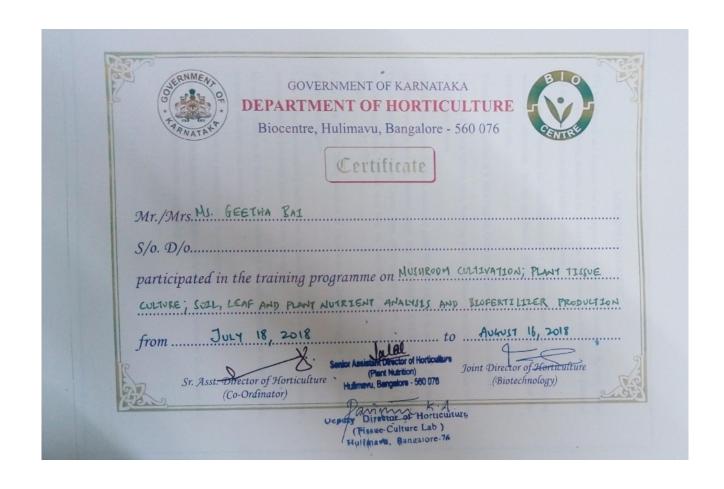
If you have any queries in this certificate, please contact Girinath G Pillai at gpillai@zastrain.com or +91-80 4110 4821



Zastra Innovation Pvt.Ltd 837/S3, II Floor, 3rd Cross Rd, HRBR Layout 1st Block, Kalyan Nagar, Bengaluru, Karnataka 560043

Company profile

Zastra Innovations Pvt. Ltd, is a renowned representative for the leading scientific software partners in Computational Chemistry, Molecular, Atomistic Modelling and Medicinal Chemistry field collaborating with a wide range of companies across the globe such as BioSolveIT GmbH, Collaborative Drug Design Inc., COSMOlogic GmbH, GraphPad Software Inc., MatCalc GmbH, Materials Design Inc, and Optibrium Ltd., to name a few and They are the authorised distributors/resellers of all scientific software in India including VASP. Zastra Innovations operates for Academic, Research, Government, Non-profit and Commercial/Industry prospects in India. They offer unique Zastra Internship Programme based on a special selection process with 2 candidates per year.







रेशम जैव प्रौद्योगिकी अनुसंधान प्रयोगशाला SERI-BIOTECH RESEARCH LABORATORY

केन्द्रीय रेशम बोर्ड (वस्त्र मंत्रालय, भारत सरकार)

Central Silk Board (Ministry of Textiles, Govt. of India) कार्मेलराम डाक, कोड़ती, बेंगलूरु 560 035

Carmelram- Post, Kodathi, BANGALORE - 560 035

Date: 31st July 2018

Whomsoever it may concern

This is to certify that **Ms. P. V. Vismitha** (USN-10X15BT027) B.E., (Biotechnology) IV year student of The Oxford College of Engineering, Bangalore has successfully completed her internship programme on molecular techniques from 9th July 2018 to 31st July 2018 at this laboratory. During the period, she learned the basic molecular biological experiments like silkworm genomic DNA/RNA isolation & quantification, agarose gel electrophoresis, cDNA synthesis, polymerase chain reaction (PCR), colony PCR, RT-PCR, SDS-PAGE, pJET 1.2 vector TA cloning & Western blotting. She also learned the retrieval of DNA/protein sequences from public databases.

DIRECTOR
निदेशक/Director
रेशम जैव पौद्योगिकी अनुसंयान प्रवोगशाला
Sen Ble-Tech Research Laboratory
केन्द्रीय रेशन बोर्ड/Central Silk Board
यस्य बंशालव, भारत सरकार
Ministry ef Textiles, Gevt. ef India
कार्यालयम पोस्ट, कोडति
Cermelaram Post. Kedathi

बंगल्क/Bengaluru-560 035

दूरभाष Tel: 080-65834856, वेबसाइट Website: www.sbrl.res.in, ई-मेल: Email: sbrl@rediffmail.com/ sbrlban.csb@nic.in



रेशम जैव प्रौद्योगिकी अनुसंधान प्रयोगशाला SERI-BIOTECH RESEARCH LABORATORY

केन्द्रीय रेशम बोर्ड (वस्त्र मंत्रालय, भारत सरकार) Central Silk Board (Ministry of Textiles, Govt. of India) कार्मेलराम डाक, कोड़ती, बेंगल्र 560 035 Carmelram- Post, Kodathi, BANGALORE – 560 035

Date: 31st July 2018

Whomsoever it may concern

This is to certify that **Ms. Prava Sharma** (USN-10X15BT031) B.E., (Biotechnology) IV year student of The Oxford College of Engineering, Bangalore has successfully completed her internship programme on molecular techniques from 9th July 2018 to 31st July 2018 at this laboratory. During the period, she learned the basic molecular biological experiments like silkworm genomic DNA/RNA isolation & quantification, agarose gel electrophoresis, cDNA synthesis, polymerase chain reaction (PCR), colony PCR, RT-PCR, SDS-PAGE, pJET 1.2 vector TA cloning & Western blotting. She also learned the retrieval of DNA/protein sequences from public databases.

PDIRECTOR

तिदेजक/Director

रेजम जैव पीघोगिकी अनुसंदान प्रवोगशाला
Sen Bio-Tech Research Laboratory
केन्द्रीय रेजम चौर्ड/Central Silk Board
चस्स मंत्रालय, प्रारत सरकार
Ministry of Textiles, Gevt. of India
कार्यलयम पोस्ट, कोजनि
Carmelarem Poct. Audath)
केम्पर्

दूरभाष Tel: 080-65834856, वेबसाइट Website: www.sbrl.res.in, ई-मेल: Email: sbrl@rediffmail.com/ sbrlban.csb@nic.in



रेशम जैव प्रौद्योगिकी अनुसंधान प्रयोगशाला SERI-BIOTECH RESEARCH LABORATORY

केन्द्रीय रेशम बोर्ड (वस्त्र मंत्रातय, भारत सरकार) Central Silk Board (Ministry of Textiles, Govt. of India) कार्मेलराम डाक, कोडती, बॅगल्ड 560 835 Carmelram- Post, Kodathi, BANGALORE – 560 835

Date: 31= July 2018

Whomsoever it may concern

This is to certify that Ms. Prathiksha M.K., (USN-10X15BT030) B.E., (Biotechnology) IV year student of The Oxford College of Engineering, Bangalore has successfully completed her internship programme on molecular techniques from 96 July 2018 to 31st July 2018 at this laboratory. During the period, she learned the basic molecular biological experiments like silkworm genomic DNA/RNA isolation & quantification, agarose gel electrophoresis, cDNA synthesis, polymerase chain reaction (PCR), colony PCR, RT-PCR, SDS-PAGE, pJET 1.2 vector TA cloning & Western blotting. She also learned the retrieval of DNA/protein sequences from public databases.

TO DIRECTOR
RETURN DEVENTY

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दूरभाष Tel: 080-65834856, वेबसाइट Website: www.sbrl.res.in, ई-मेल: Email: sbri@rediffmail.com/ sbriban.csb@nic.in

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रेशम जैव प्रौद्योगिकी अनुसंघान प्रयोगशाला SERI-BIOTECH RESEARCH LABORATORY

केन्द्रीय रेशम बोर्ड (वस्त्र मंत्रालय, भारत सरकार)

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Carmelram- Post, Kodathi, BANGALORE - 560 035

Date: 31" July 2018

Whomsoever it may concern

This is to certify that Ms. Umme Hani (USN-10X15BT045) B.E., (Biotechnology) IV year student of The Oxford College of Engineering, Bangalore has successfully completed her internship programme on molecular techniques from 9th July 2018 to 31st July 2018 at this laboratory. During the period, she learned the basic molecular biological experiments like silkworm genomic DNA/RNA isolation & quantification, agarose gel electrophoresis, cDNA synthesis, polymerase chain reaction (PCR), colony PCR, RT-PCR, SDS-PAGE, pJET 1.2 vector TA cloning & Western blotting. She also learned the retrieval of DNA/protein sequences from public databases.

Y DIRECTOR

निदेशक/Director

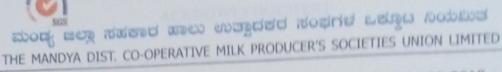
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नव जैव पौक्रोगिकी अनुसंघान प्रवोगञ्चाला eri Bio-Tech Research Laboratory क न्द्रीय रेजन बोर्ड/Central Silk Board হন্দ্ৰ মান্ত্ৰলে মানে নকোৰ Ministry of Textiles, Govt. of India कार्यलयम पोस्ट, कोवति Carmelerem Fost, Kedethi देपल्ड/Bengaluru-560 035

ट्रामाय Tel: 080-65834856, वेबसाइट Website: www.sbrl.res.in, दे-मेल Email sbrittprediffmail.com/ sbriban csh

ದುನ್ಮುಲ್ MANMUL





No. MMU/Admn/542/2018-19

Date: 21-08-2018

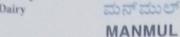
TO WHOM SO EVER IT MAY CONCERN

Anupama Me G. that Certify is This (USN:10X15BT005) B.E Biotechnology Student of The Oxford College of Engineering, Bengaluru has successfully carried out the Internship on "Production and Quality Checking" in our Organisation for the period commencing from 18-07-2018 to 18-08-2018.

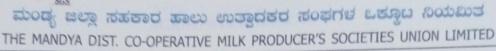
This Certificate is issued purely for Academic purposes only.

Deputy Manager (ADMN) Mandya Dist Co-Op Milk Union

ಹಾಲು ಉತ್ತನ್ನ ಘಟಕ, ಗೆಜ್ಜಲಗೆರೆ-571 428, ಮಂಡ್ನ ಜಿಲ್ಲೆ Product Dairy, Geijalagere - 571 428, Mandya District (KARNATAKA) Ph. No. Off : EPABX : 274571, 274777, 274592 Fax: (08232) 274593 email : manmul@yahoo.co.in, manmul1987@gmail.com







No. MMU/Admn/542/2018-19

Date: 21-08-2018

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mc. R.M. Priyanka (USN:10X15BT032) B.E Biotechnology Student of The Oxford College of Engineering, Bengaluru has successfully carried out the Internship on "Production and Quality Checking" in our Organisation for the period commencing from 18-07-2018 to 18-08-2018.

This Certificate is issued purely for Academic purposes only.

Deputy Manager (ADMN)

Mandya Dist Co-Op Milk Union

ಹಾಲಾ ಉತ್ಪನ್ನ ಘಟಕ, ಗೆಜ್ಞಲಗೆರೆ–571 428, ಮಂಡ್ನ ಜಿಲ್ಲೆ. Product Dairy, Gejjalagere - 571 428, Mandya District (KARNATAKA) Ph. No. Off : EPABX : 274571, 274777, 274592 Fax: (08232) 274593 email : manmul@yahoo.co.in, manmul1987@gmail.com

Certificate of Internship

This is to certify that Ms. Deepika M, (Reg. No. 10X15BT012) student of 4th year B.Tech Biotechnology at <u>The Oxford College of Engineering</u>, <u>Bengaluru</u>, <u>India</u> successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Drug targets and protein target expression in Melanoma.

During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Uses time constructively.



Signature of the Supervisor Girinath G. Pillai, PhD

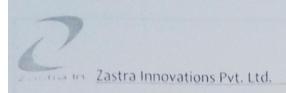
If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

Telefax: +91 80 4110 4821 Mobile: +91 94483 67493 Email: info@zastrain.com gd. Office: #837-203, II Floor, 3d Cross Rd HRBR Layout 1d Block Kalyan Nagar, Bengaluru Karnataka 560043, India

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Registration Nos: Page 5 of 8
GSTIN: 29AAAC29706D124
D-U-N-S: 860373874
PAN: AAAC29706D
CIN: U72900KA2016FTC092590



Certificate of Internship

This is to certify that Ms. Divya S, (Reg. No. 10X15BT013) student of 4th year B.Tech Biotechnology at The Oxford College of Engineering, Bengaluru, India successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) A Signaling Protein to Control Diabetes Type 2. During the phase of her internship program, she learned and worked on softwares like AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She had been exposed to different situations to meet deadlines on submissions of weekly and project reports including weekly presentation of results during which we found her punctual, hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

Evaluation of the Internship:

Comments on the student's performance noting strengths and weaknesses:

July 09, 2018 to August 09, 2018

Excellent / Satisfactory / Unsatisfactory

Displays an ability to learn rapidly and adapt quickly to changing situations.



Signature of the Supervisor Girinath G. Pillai, PhD

If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

Teletax +91 80 4110 4821 Mobile +91 94483 67493 Email into@itast air com

Registration Nos: GSTIN 29AAACZ9706D1Z4 D-U-N-S 8603/3874 PAN AAACZ9/06D PAN AAACZ9/062 CIN U72900KA2018FTC092590

Certificate of Internship

This is to certify that Ms. Karoline P, (Reg. No. 10X15BT026) student of 4th year B.Tech Biotechnology at <u>The Oxford College of Engineering</u>, <u>Bengaluru</u>, <u>India</u> successfully completed one month (July 09, 2018 to August 09, 2018) long industry internship at Zastra Innovations Private Limited under my supervision. Her internship activity includes familiarizations to different Bioinformatics methods and Drug Discovery selection related projects. Her internship involved one project and learning of methodologies simultaneously,

i) Protein Target and Gene Expression in Breast Cancer progression

During the phase of her internship program, she learned and worked on softwares like

AutoDock, PaDEL, MyStat, Mendeley and commercial softwares like StarDrop and FlexX. She

had been exposed to different situations to meet deadlines on submissions of weekly and

project reports including weekly presentation of results during which we found her punctual,

hardworking and inquisitive.

We wish her every success in her life and career

Duration of Internship:

July 09, 2018 to August 09, 2018

Evaluation of the Internship:

Excellent / Satisfactory / Unsatisfactory

Comments on the student's performance noting strengths and weaknesses:

Committed to continuously learning.



Signature of the Supervisor Girinath G. Pillai, PhD

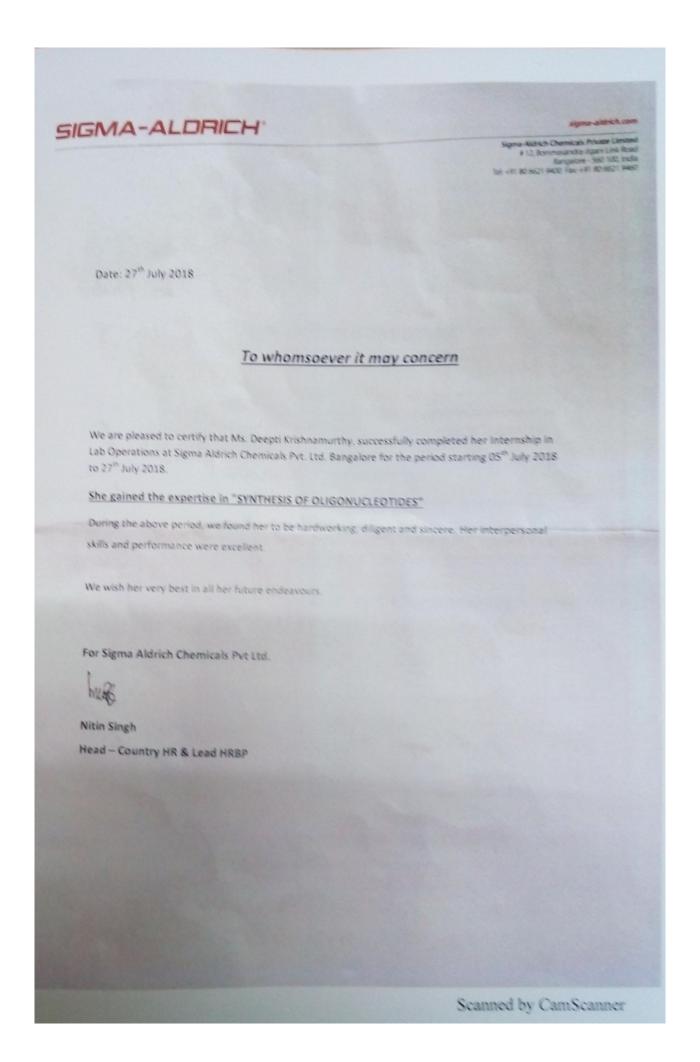
If you have any queries in this certificate, please contact Girinath G. Pillai at gpillai@zastrain.com or +91-80 4110 4821

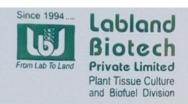
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Registration Nos: Page 2 of 8
GSTIN: 29AAACZ9706D12A
D-U-N-S: 860373874
PAN: AAACZ9706D
CIN: U72900KA2016FTC092590





8" KM, KRS Main Road, Mysuru 570 016, Karnataka, India E mail: info@lablandbiotechs.com Web: www.lablandbiotechs.com

CERTIFICATE

This is to certify that Mr. Ashwin V., a student of VII Semester B. E. (Biotechnology) from The Oxford College of Engineering, Bangalore, has successfully completed his training cum workshop in "COMMERCIAL PLANT TISSUE CULTURE" at Labland Biotech Private Limited, Plant Tissue Culture & Biofuel Division, 8th K. M., K. R. S. Main Road, Mysore 570016, from 16.07.2018 to 28.07.2018.

Dr. Geetaa Singh M.Sc., M.Phil., Ph.D.

Managing Director

Place: Mysore
Date: 28.07.2018



Accredited by



Ministry of Science and Technology Government of India Ministry of Science and Technology Government of Karnataka



s" KM, KRS Main Road, Mysuru \$70,016, Karnataka, India E mail: info@lablandblotechs.com Web: www.lablandblotechs.com

CERTIFICATE

This is to certify that Mr. Nikhil P., a student of VII Semester B. E. (Biotechnology) from The Oxford College of Engineering, Bangalore, has successfully completed his training cum workshop in "COMMERCIAL PLANT TISSUE CULTURE" at Labland Biotech Private Limited, Plant Tissue Culture & Biofuel Division, 8th K. M., K. R. S. Main Road, Mysore 570016, from 16.07.2018 to 28.07.2018.

Dr. Geetaa Singh M.Sc., M.Phil., Ph.D.

Managing Director

Place: Mysore Date: 28.07.2018



Accredited by



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Ministry of Science and Technology Government of Karnataka

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8" KM, KRS Main Road, Mysuru 570 016, Karnataka, India E mail: info@lablandbiotechs.com Web: www.lablandbiotechs.com

CERTIFICATE

This is to certify that Mr. Manoj S., a student of VII Semester B. E. (Biotechnology) from The Oxford College of Engineering, Bangalore, has successfully completed his training cum workshop in "COMMERCIAL PLANT TISSUE CULTURE" at Labland Biotech Private Limited, Plant Tissue Culture & Biofuel Division, 8th K. M., K. R. S. Main Road, Mysore 570016, from 16.07.2018 to 28.07.2018.

Dr. Geetaa Singh M.Sc., M. Phil., Ph.D. Place: Mysore Managing Director

Date: 28.07.2018





Ministry of Science and Technology Government of India

Ministry of Science and Technology Government of Karnataka



BMS COLLEGE OF ENGINEERING, BENGALURU-19 Autonomous Institute, Affiliated to VTU

Centre for Nano-Materials & Displays (CND)

TO WHOMESOEVER IT MAY CONCERN

Date:12/12/2018

Sub: Reg the Attendance Letter related to Research project performed at Centre for Nano-Materials and Display (BMSCE)

This is to certify that Mr Rakshith K.S (Reg. No. 10X15BT036), Department of Biotechnology. The Oxford College of Engineering, Bangalore-560068., has attended and performed their Research Project on Synthesis of nanoparticles in the month of August at Centre for Nano-Materials and Display Bangalore-560019

Their Research is completed and have shown accurate result.

Thanks and regards,

Dr. Gurumurthy Hegde

Materials & Display's (CND)
Materials & Display's (CND)
BMS College of Engineering
Bangalore - 560 019.

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THE OXFORD COLLEGE OF ENGINEERING

BENGALURU - 560068

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is certify that the is bonafide work carried by to out VEERABHADRA, VINAY, SANJAY, DHANALAK SHMI (10X15CV104, 10X15CV108, 10X15C V088,10X15CV116)in the partial fulfillment of the award of the degree in B.E in CIVIL ENGINEERING from The Oxford College of Engineering under Visvesvaraya Technological University, Belgaum for the year 2018-2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide DR. TS MALLESHAIAH

Professor

External Guide Mrs.Shilpa D Raj Asst E E(Civil)

Head of the Department
Department of Civil Engineering
The Oxford College of Engineering
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THE OXFORD COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the is a bonafide work carried out by HARISH S,KRISHNA KUMAR,KUMAR,MUNI,MADHUN 10X15CV024,10X15CV044,10X15CV046,10X15CV050)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide shradha

Asst Professor

r

External Guide Mrs.Shilpa D Raj E E(Civil) Hend of the Department
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Dept Civil Engineering, TOCE

Principal
DR RV PRAVEEN GOWDA
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CERTIFICATE

This is to certify that the is a bonafide work carried out by PAVAN K V,SACHIN M,YASHWANTH ,KARTHIK K M (10X15CV066,10X15CV082,10X15CV114,10X15CV405) in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

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CERTIFICATE

This is to certify that the is a bonafide work carried out by TEJAS S REDDY,MAHESH G D, RAMAKRISHNASB, MOHAMMED ALMAN (10X15CV101,10X15CV,10X15CV076,10X15CV) in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.





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CERTIFICATE

This is to certify that the is a bonafide work carried out by DINESH R V, PAVANKALYAN A

SANATH K R,SANDHYAVENI (10X15CV021,10X15CV067,10X15CV086,10X15CV087) in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide KARUNA.S Asst Professor External Guide Mrs.Shilpa D Raj E E(Civil)

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CERTIFICATE

This is to certify that the is a bonafide work carried out by NIKHIL GOWDA T, RAJESH L

ROHAN C,DEVA REDDY (10X16CV413,10X16CV414,,10X16CV416,10X16CV405)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018**-2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

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The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

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CERTIFICATE

This is to certify that the is a bonafide work carried out by (PRAMUKH K A,PRIYANKA R,RUJATH GOWDA B,SACHIN POOJARY(10X15CV069,10X15CV071,10X15CV078,

10X15CV083)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018**-2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

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CERTIFICATE

This is to certify that the is a bonafide work carried out by KARTHIK ,LAVANYA B,MOULIKA SHETTY M,MANJUNATH M (10X15CV036,10X15CV048,10X16CV41110X15CV052)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018**-2019 The internship report has been approved as it satisfies the academic requirement in respect of the semnar prescribed for the said degree.

Internal Guide KAVYA SK Asst Professor External Guide Mrs.Shilpa D Raj E E(Civil)

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CERTIFICATE

This is to certify that the is a bonafide work carried out by DEEPIKA S,MAHESHA S M,HARSHITHA R ,SYED NABEEL (10X15CV018,10X15CV051,,10X15CV026,10X16CV419) in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

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This is to certify that the is a bonafide work carried out by C SUSHMA ,INCHARA V R,CHITHRA M,MERENBELA (10X15CV015,10X15CV028,10X16CV403,10X15CV055) in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide MAHESH KUMAR Asst Professor External Guide Mrs.Shilpa D Raj E E(Civil)

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CERTIFICATE

This is to certify that the is a bonafide work carried out by ANILKUMAR S M,IRFAN GAKSHATHA S ,JAYA LAKSHMI R M (10X15CV011,10X15CV029,10X15CV005,10X15CV032)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide

External Guide

KRITHIKA

Mrs.Shilpa D Raj E E(Civil)

Asst Professor

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CERTIFICATE

This is to certify that the is a bonafide work carried out by MOHAN KRISHNA ,ACHIN,SUHASANI JADHAV,VIJAYKUMAR THIMBLE (10X15CV054,10X15CV081,10X15CV097,10X15CV107,)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide External Guide

RAJANI

Mrs.Shilpa D Raj E E(Civil)

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CERTIFICATE

This is to certify that the is a bonafide work carried out by PAVAN B J,RAJSHEKAR REDDY,KAVITA A,DEEPA M R (10X15CV065,10X15CV075,10X15CV038,10X16CV404,)in the partial fulfilment of the award of the degree in B.E in CIVIL ENGINEERING from **The Oxford College of Engineering** under **Visvesvaraya Technological University**, Belgaum for the year **2018-**2019 The internship report has been approved as it satisfies the academic requirement in respect of the seminar prescribed for the said degree.

Internal Guide External Guide

PRASHANTH

Asst Professor E E(Civil)

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Internal Guide

External Guide Mrs.Shilpa D Raj E E(Civil)

Asst Professor

Head of the Department
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HOD Dr.T S MALLESHAIAH Dept Civil Engineering,TOCE Principal
DR RV PRAVEEN GOWDA
TOCE

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the internship entitled by "DESIGN OF STEERING SYSTEM FOR PASSENGER VEHICLE" carried out by following bonafide students of The Oxford College of Engineering, AKSHIT B (10X14AU003), MOHAMMED ANFAL M ASHUTOSH (10X14AU014), SUHAIL AHMED N (10X14AU035), (10X15AU011) at Kammavari Sangha Institute of Technology conducted by Elite Techno Groups. in partial fulfilment for the award of Bachelor of Engineering in Automobile Engineering as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship report prescribed for the said degree.

Mr. PRASANNA S M

Internal Guide

Profesiguable ad Department of Automobile Engineering The Oxford College of Engineering Sommania Diosur Road

Bangalore - 560 068.

Dr. R V PRAVEENA GOWDA

Dr. R.V. Principal, COWDA PRINCIPAL

The Oxford College (3-6) Bommanahali et su Road • Bengalun, 560 968.

EXTERNAL VIVA

NAME OF THE EXAMINER

SIGNATURE WITH DATE

1. Dr. Raju. B. R

2. Attith. P

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the internship entitled "CNC PROGRAMMING AND MACHINING" is a bonafide work carried out by ADITYA KUŁKARNI (10X15AU004), SHARATHGOWDA R J (10X15AU043), VARUN H L (10X15AU048) in partial fulfillment of internship in VIII semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Dr. RAJU B R

Professor and HOD

Dept. of AUE, TOCE

HOD

Dr. RAJU B R

Professor and Had

Department of Automobile Engineering The Oxford College of Engineering Bommanahalli, Hosur Road Bangalore 560 068. r. R. Principal

Dr. RWPRAVEENA GOWDA

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

Name of the Examiners

Dr. Roju. B.R

2 Athirth D

Signature /date

A PHAIR

Bommanahalli, Hosur Road, Bangalore -560068 (Affiliated To Visvesvaraya Technological University, Belagavi)



CERTIFICATE

Certified that the Internship report entitled "STUDY OF PRODUCTION OF PU PUMPS, THEIR TYPES AND ITS WORKING" carried out by PRATHAP R SINGH (10X15AU034), RAJENDRAN M (10X15AU036), SIDDHARTHA BANERJEE (10X15AU045) bonafide student 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 2018-2019. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the report. The Internship report has been approved as it satisfies the academic requirements for the award of the degree.

INTERNAL GUIDE DEEPAK U S

Assistant Professor

Department of Automobile Engineering
TOCE, Bangalore.

Hattibe

Dr. Professor & Head

Department of Automobile Engineering
Department of Automobile Engineering
TOCE, Mangalore 560 068.

EXTERNAL GUIDE Mr. SUDHAKAR Assistant Manager

BanP/HRL Department BOSCH LIMITED, Adugodi

PRINCIPAL

Dr. R V Pravecena Gowda

Principal

Dr. Procepsion GOWDA

The Oxford Citalisms in a supprisering Bornman as who is a Board Board

Signature with date

Rottles 17/6/19

2. Athith. D

1. Dr. Rayu. B. R

Examiners:

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "BRAKING SYSTEM OF FORMULA-5 RACE CAR" is a bonafide work carried out by NAHEEM A (10X15AU029) in partial fulfillment of internship in VIII semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mr. PRASANNA S M

Assistant professor

Dept. of AUE, TOCE

HOD

Dr. RAJU B R

Protessof AUE FOCE

Department of Automobile Engineering The Oxford College of Engineering Bommanahalli, Hosur Road Bangalore-560 068. Dr. R V PRAVEENA GOWDA

Principal, TOCE

Principal

Dr. R.V. PRAVHENA GOWDA PRINCIPAL

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

Signature /date

Name of the Examiners

1. Dr. Roju.B.R

2. Athith.D

A Mobile.

BOMMANAHALLI, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF AUTOMOBILE ENGINEERING



2018 - 2019

CERTIFICATE

This is to certify that the internship entitled "PRODUCTION OF BUSES" is a bonafide work carried out by MANDHARA G (10X16AU405), in partial fulfillment of internship in VIII semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide 15 06 20 9

Mr. SAPTAGIRI PRASAD

Asst. Professor

Dept. of AUE, TOCE

HOD

Dr. RAJU B R

Department of the some bill free peering
The Oxford College of Engineering
Borne of the United Head

Bangalore-560 068.

Principal

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. Roju. B. R

2. Athith.D

Signature

ROUBR 17/6/19

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the project work entitled by "Steering Assembly for ATV Buggy" carried about the bonafide students of The Oxford College of Engineering, ANITET LONGKUMER (10X14AU005), JENIBEMO T MURRY (10X15AU022) in partial fulfillment for the award of "Bachelor of Engineering" as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of project report prescribed for the said degree.

RAVITEJA R N Guide Professor & Head
Department of Automobile Engineering
The Oxford College

Bongalor HOD

Dr. PRAVEENA GOWDA

Principal

Dr. R.V. PRAVEENA GOWDA
PRINCIPAL

EXTERNAL VIVA

The Oxford College of Engineering Bommanabasi, Hoser Road Besgaluru-560 068.

Name of the Examiners

1. Dr. Roju. B.R

2. Athith. D

Signature / Date

1106/19

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the internship entitled "DESIGN OF ATV CHASSIS" is a bonafide work carried out by LOKESH V (10X15AU024), SAI RISHWANTH N (10X15AU028), RAMALLA AHMEDI (10X15AU037), SWARAJ S (10X15AU046) in partial fulfillment of internship in VIII semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019.

It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

MARUTI S B

Asst. Professor

Dept. of AUE, TOCE

HOD

Dr. RAJU B R

Professor and HOD

Professor and HOD

Department of Automobile Empireering

The Oxford College of Engineering

Bommanahalli, Hosur Road Bangalore - 560 068. The Dr. R.V. PRAVEENA GOWDA

Principal Poots of Engineering Principal Poots of Road Bengaluru-560 068

Name of the Examiners

1. Dr. Raju. B.R

2 Athirth.D

Signature/date

Piladia

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the project work entitled by "Fabrication of ATV" carried about the bonafide students of The Oxford College of Engineering, AKHIL ARJUN (10X15AU005), AMBADI M P (10X15AU006), CHETAN KUMAR (10X15AU013), HARISREE VAISHNAV (10X15AU017) in partial fulfillment for the award of "Bachelor of Engineering" as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions for internal assessment have been incorporated in the report deposited in the departmental library. The Internship report has been approved as it satisfies the

| degree. | nents in respect of Internship repor | rt prescribed for the said |
|-----------------------|---|--|
| Mr. PRASANNA Guide | Hosur Road HOD alore-560068 E-mail: engeling landom lade@theoxford.edu Mobine: 9446573636 | PRAVEENA GOWDA |
| Name of the Exan | | Bommanahalli, Hosur Road Bengaluru-560 068. Signature / Date |
| 1 2 0 0 | n | 6 6 |

1. Dr. Rogu. B. R Rottles 17/6/19 Athirth . D

Hosur Road, Bommanahalli, Bengaluru - 560068

(Affiliated to Viesvesvaraya Technological University, Belagavi) DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the report entitled "INTERNSHIP" Carried out by MR. BALAJI YASHWANTH RAJ N (10X16AU401), MR. DEEPAK M V (10X16AU402), MR. RAMACHANDRARAO D NAIK (1OX16AU408), bonafied student of The Oxford College of Engineering in partial fulfilment for award Bachelor of Engineering in Automobile Engineering of the Viesvesvaraya Technological University, Belagavi during the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in department 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

Professor

Dept. Of Automobile Engineering

HOD

Dept. of Automobile Engineering

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

DR.R V PRAVEENA GOWDA principal

The Oxford College of Engineering Dr. R.V. PRAVIOUS GOWDA

DRING AL The Oxford College of Engineering

Signature with Date

Name of Examiners

1. Dr. Rajur B. R

2. Athirth.D

Ramber 17/6/15

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

Certified that the internship on "CNC MACHINING AND PROGRAMMING" carried about the bonafide student of The Oxford College of Engineering, Mr.DARSHAN S M (10X15AU014), Mr.JAYANTH R(10X15AU021), Mr. PRADEEP KUMAR V(10X15AU032), Mr. SACHIN KUMAR S T(10X16AU409) in partial fulfilment for the award of "Bachelor of Engineering" as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship report prescribed for the said degree.

Department of Automobile Engineering The Oxford College of Engineering DimmRahJU BOR Road

Internship Guide and HOD

Dept. of Automobile Engineering

Dr .R.V PRAVEENA GOWDA

Principal

The Oxford College of Engineering

Dr. R.V. PRAVEENA GOWDA

PRINCIPAL

EXTERNAL VIVA The Oxford College of Engineering Bommanahalli, Hosur Road

Rengaluru-560 068. Signature / Date

Name of the Examiners

1. Dr. Raju. B. R

Athith D

1710616

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

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

It is certified that the Internship work entitled by "SERVICE AND SCHEDULED MAINTENANCE CARRIED OUT AT BRIGADE HONDA" is a bonafide work carried out by student of The Oxford College of Engineering, YASHWANTH D RAJ (10X16AU411) in partial fulfilment for the award of "Bachelor of Engineering" as prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi during the academic year 2018-19. It is certified that all corrections/suggestions for internal assessment have been incorporated in the report deposited in the departmental library. The Internship report has been approved as it satisfies the academic requirements prescribed for the said degree.

Mr. R N RAVITEJA Guide

Dr. RAJU B R HOD

Professor & Head
Department of Automobile Engineering
The Oxford Control Engineering
Bommanable Francis Road
Bangalure-560 068.

Dr.R V WRAVE NA GOWDA

Dr. R.V. PRAVEENA GOWDA
PRINCIPAL

The Oxford Gollege of Engineering
Bommanahalli, Hoeur Road
Rengalism-560 088

Signature with date

EXAMINAR 1: Dr. Roju . B. R

EXAMINAR 2: Athirth . D.

A MILIA.

BOMMANAHALLI, BENGALURU-566 968 (Affiliated to VTU and approved by AICTE)

DEPARTMENT OF AUTOMOBILE ENGINEERING



CERTIFICATE

This is to certify that the internship entitled "BRAKING SYSTEM OF ALL TERRIAN VEHICLE" is a bonafide work carried out by KEERTHI KEMAR D (10X15AU023). MITHUN GOWDA C G (10X15AU026) in partial fulfillment of internship in 8th semester, Bachelor of Engineering in the course of Automobile Engineering at The Oxford College of Engineering under Visvesvaraya Technological University, Belagavi for the year 2018-2019. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements for the award of Bachelor of Engineering degree.

Internal Guide

Mr. DEEPAK U S

Assistant professor

Dept. of AUE, TOCE

HOD

Dr. RAJU B R

Dept. of AUE, TOCE

Professor & Head

Department of Automobile Engineering The Oxford College of Engineering Bommanahalli, Hosur Road Bangalore - 580 083 Principal
Dr. R V PRAVEENA GOWDA

Principal, TOCE

Dr. R.V. PRAVIENA GOWDA PRINCIPAL

The Oxford College of Engineering Bommanahalik, Hosur Road Bengalum-590 068.

Signature /date

Name of the Examiners

1, Dr. Raju. B. R

2 Athirth D

Raille 10/6/19

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

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the internship report work entitled "An Industrial Study at Toms Pipes Pvt. Ltd." has been successfully carried out by SHYJIN SCARIA SAJI (10X15MT043) is a bona fide student of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding Bachelor of Engineering degree.

Signature of Internal Guide
Mr. THIRUMURUGAN N
Asst. Prof Dept. of
Mechatronics,
TOCE.

Signature of HOD
Mr. J. P. A. R. UMARDN
Dopartmont Départment ronics
The Oxford College Ul-Engines ing
Bommanahalli, Bangal

Name of the Examiners:

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Signature of Principal

Dr. R.V. PRAVEENA GOWDA

Dr. R.V. Principal A GOWDA

PRIOCE: AL

The Oxford Coffere of Engineering Bommanahadi, closur Road

Bignature with Date:

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING



2018 - 2019

CERTIFICATE

Certified that the Internship Report entitled "BASIC ROBOT PROGRAMMING IN KUKA ROBOTICS" carried out by Mr. VIVEK PURUSHOTHAM (10X15MT049), Mr. VINEETH V(10X16MT412), bonafide students of The Oxford College of Engineering, Bangalore inpartial fulfillment for the award of the Degree of Bachelor of Engineering in MECHATRONICS ENGINEERING of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship report prescribed for the saiddegree.

Signature of Internal Guide

Name of the Examiners

1. SHAW WAGHADIES

2. M. Mesumuruges

Prof. for Hoff E Prof. for Hechatronics Department of Mechatronics The Oxford College Of Engineering The Oxford College Of Engineering Bommanahalli, Bangalore - 550 068.

Signature of Principal

Dr. R.V. Prayeena Gowda Dr. R.V. PRAYEENA GUWDA

The Oxford Cologs of Engineering

Bomma Page 150 150 153.

(Affiliated to Visvesvaraya Technological University, Belagavi)

Hosur Road, Bommanahalli, Bengaluru - 560 068

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

This is to certify that the Internship work entitled "SOLAR PV GRID CONNECTED POWER PLANT AND RENEWABLE ENERGY" has been successfully carried out by Mr. POOJITH V bearing USN: 10X15MT032, Mr. PRAJWAL BELLIAPPA PP bearing USN: 10X15MT030 and Mr. ASHOK KUMAR A bearing USN: 10X15MT001 in partial fulfilment of the requirement for the award of Bachelor of Engineering in Mechatronics Engineering under Visvesvaraya Technological University, Belagavi during the academic year 2018-19. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding the Bachelor of Engineering degree.

Signature of Internal Guide

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Signature of HOD Prof. & HOD

Depaltinelayorkumanthonics

Asst. Professor, Dept. The Differseller Off Digintering the Oxfor Gowday of Engineering Remanabally Manual Board Bommanahalli/Bartgalore - 560 068.

Signature of Principal Dr. R.V. PRAVEENA GOWD

Dr. R.V Praveena

TOCE Road

Name of the examiners

1. SHANMUGINAS 2. W. Whenmungan

Signature of examiners

Bommanahalli, Hosur Road, Bangalore - 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the Internship entitled "HYBRID AUTOMOTIVE DESIGN AND DEVELOPMENT" has been carried out by RAGHAV KANOONGO (10X15MT035) bona fide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said degree.

M.YOU INTERNAL GUIDE

Mrs. RAJESHWARI DINESH
Dept. of Mechatronics engineering

HOD '

Jayakumar N.

Department of Mechatronics Engineering TOCE, Bangalore.

Examiners:

1. SHANMUGUADAS 2. N. Jounningar **EXTERNAL GUIDE**

Mr. CHANDRAKANT RAMCHANDANI

PRINGIPAL U

Dr. R. V. Pravecena Gowda

TOCE Bangalore. GOWDA

Physic Mod.

The Oxford College of Engineering

Regionable Heavy Road

Bommanahali, Hasur Road Signature with date 88.

Bommanahalli, Hosur Road, Bangalore - 560068

(Affiliated To Visvesvaraya Technological University, Belagavi)

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the Internship entitled "HYBRID AUTOMOTIVE DESIGN AND DEVELOPMENT" has been carried out by RAGHAV KANOONGO (10X15MT035) bona fide students of The Oxford College of Engineering, Bangalore, in partial fulfilment for the award of the degree of Bachelor of Engineering in Mechatronics Engineering of the Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship Report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said degree.

Mrs. RAJESHWARI DINESH Dept. of Mechatronics engineering

Jayakumar N.

Department of Mechatronics Engineering TOCE, Bangalore.

Examiners:

1. SHANMULUADAS 2. N. Juningan

EXTERNAL GUIDE

Mr. CHANDRAKANT RAMCHANDANI

PRINCIPAL

Dr. R. V. Pravecena Gowda

TOCE, Bangalore. OWDA

The Oxford Code nate Engineering Bommanahalli, Hasur Road Signature with date 88.

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

DEPARTMENT OF MECHATRONICS ENGINEERING



2018-2019

CERTIFICATE

This is to certify that the Internship work entitled "IOT WITH MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE" has been successfully carried out by MR. RAGHU J bearing USN: 10X16MT406 in partial fulfillment for the award of BACHELOR OF ENGINEERING in MECHATRONICS ENGINEERING under VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year JULY-AUGUST 2018.

It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report accordingly. The internship report has been approved as it satisfies the academic requirements required for the above said degree.

Signature of Internal Guide MS. Rani Aishwarya S N

Signature of External Guide Mr. Kailas V V

Name of the Examiners

JANMV GAPDAS

Profite HOD
Department Billier Natronics
The Oxford College Of Engineering
Bommanahalli, Bangalore - 560 068.

Dr. R.V. Piaveena Gowda
The Oxford Cottage of Engineering
Bommanahatii, Hosur Road
Bengaluru-560 068,

Signature of Examiners

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

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the internship report work entitled "Industrial Automation" has been successfully carried out by JOSH ELIAS JOY (10X15MT017), JIVIN GEORGE (10X15MT016), P SUMANESH MOHAN (10X15MT031), DENNIS MD (10X15MT011) students of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding

as it satisfies the academic requirements in respect of internship prescribed for awarding Bachelor of Engineering degree. **₫**∱External Guide ionature of External Guide M. RESHMA SASI Signature of Internal Guide Mrs. RAJESWARI M Teethical Coordinator SAN BLOCK, DENCE **Assistant Professor** htellograf Global Pvt Ltd Dept. of MTE OCE Signature of Pencipal Dr. PRAVEENA GOWDA Mr. JAYAKUMAR N Dr. R.V. Principal CNA GOW A Head of Department Dept. of MTE HOD TOCE INTL to at Engineering The Oxford ! chatronics TOCE Bommar ander, Hosur Road The ! Bengaluru-560 068. Signature with Date: Name of the Examiners: 1 2

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

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the internship report work entitled "An Industrial Study at Toms Pipes Pvt. Ltd." has been successfully carried out by SHYJIN SCARIA SAJI (10X15MT043) is a bona fide student of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding Bachelor of Engineering degree.

Signature of Internal Guide Mr. THIRUMURUGAN N Asst. Prof Dept. of

Mechatronics,

Signa Prof. Hon HOD

Department by As Bit tronics

The Oxigin Construct Engineering

Bommanahalli, Bangalore - 56'....

Name of the Examiners:

1. SHAWMUGUADAS

ON CHANGE OF OPERATIONS O

Dr. R. PRAMEENA GOWDA
PARCIPINGIPAL
TOCKHORETING

The Oxford College TOCE incering Bommanahalii, Hosur Road Bengaluru-560 068.
Signature with Date:

N//2/19

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

DEPARTMENT OF MECHATRONICS ENGINEERING



CERTIFICATE

Certified that the internship entitled "BASIC AUTOMATION TECHNOLOGIES" is carried out by Mr. DARSHAN R with USN 10X15MT010, Mr. MOHITH S with USN 10X15MT025, Mr. VIKAS S REDDY with USN 10X15MT047 in partial fulfilment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2018-2019. It is certified that all corrections suggestions indicated for internal assessment has been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Internal Guide

Ms. RANI AISHWARYA S N

Signature of External Guide

Mr. RAHUL DIXIT

Name of the Examiners

1. SHANMUNGEN 2. Albertoningen Signature of House John Signature of House John Signature of House John Signature of Principal Dr. PRAVEENA GOWDA JA

The Carlos Signature with date and License John School Signature with date and License John Signature with License John Signature with the License John Signature with License John Signature

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

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the internship report work entitled "An Industrial Study at Toms Pipes Pvt. Ltd." has been successfully carried out by SHYJIN SCARIA SAJI (10X15MT043) is a bona fide student of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding Bachelor of Engineering degree.

Signature of life erhal Guide Mr. THIRUMURUGAN N

> Asst. Prof Dept. of Mechatronics, TOCE.

The Oxford College Of Engineering

Bomnianahalli 5

Name of the Examiners:

ead of Operations Olbms Pipes vate Limited.

> Signature of Principal PRAVEENA GOWD

The Oxford CoTOCE of Engineering Bommanehall, Hourr Road

Signature with Date:

Scanned with CamScanner

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

Department of Mechatronics Engineering



CERTIFICATE

This is to certify that the internship report work entitled "RAPID PROTOTYPING USING CAMD/CAD FOR FABRICATING PROTOTYPES" has been successfully carried out by GADHIYA ABHAYKUMAR DIPAKBHAI (10X15MT013) and VISHAL PATEL(10X15MT048) bonafide student of The Oxford College Of Engineering, Bangalore in partial fulfillment for the award of Bachelor of Engineering in Mechatronics Engineering of Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all corrections, suggestions, indicated for internal assessment have been incorporated in the report. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for awarding Bachelor of Engineering degree.

leet Guide Mr. Chethan S Asst.Professor, Dept. of MTE Trigno Technologies Pvt. Ltd. - 580

Dr. R V Praveena Gowda

Dr. R.V. PRAVEENA GOWD PRINCIPAL

The Oxford Colle, And Engineering Bommanino .

Road Benesting S. .. an.

Name of the Examiners

Signature of Examiners

1. SUANMUGHADUS
2. J. J. J. J. Surumusugan

ii

Director

BOMMANAHALLI, HOSUR ROAD, BENGALURU-560 068

(Affiliated to VTU and approved by AICTE)

DEPARTMENT OF MECHATRONICS ENGINEERING



2018 - 2019

CERTIFICATE

Certified that the Internship Report entitled "BASIC ROBOT PROGRAMMING IN KUKA ROBOTICS" carried out by Dharmendra S (10X15MT012), Asif Jambagi (10X16MT400), Kanthraju (10X16MT402), Vinay Kumar K V (10X16MT411), bonafide students of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in MECHATRONICS ENGINEERING of Visvesvaraya Technological University, Belgaum during the year 2018-2019. The Internship report has been approved as it satisfies the academic requirements in respect of Internship report prescribed for the said degree.

Signature of Internal Guide

Name of the Examiners

1. SHANMUGUAUNI

2. ... A Mirumurugan

Prof. Called Straineering Bommanana!!i, is an justice - 560 565.

Signature of Principal

Dr. R.V. PRAVEENA GOWDA

The Oxfore Gillege of Engineering Bottle Oxfore Gillege of Road Bengavin 580 668.



Date: 30/07/2018

CERTIFICATE

This is to certify that Mr. Abhilash S N (USN 10X17MBA01) student of 2nd semester M.B.A, The Oxford college of Engineering, Bangalore 560068, has undergone internship in the area "A STUDY ON ORGANISATION STUDY AT LAND T KOMAT.SU LTD", for a period of (1Month) from 25-06-2018 to 27-07-2018.

The dissertation has been completed successfully to our satisfaction and his conduct during the tenure of the dissertation was good we wish him all the best in his career.

FOR LAND T KOMAT'SU LTD

HR MANAGER

L AND T KOMATSU LTD.

Palsce Road, Bangalore - 580 052

Karnataka, India.

L AND T KOMAT.SU LTD

Reg off: Lakshminarayan complex, First floor, 10/1, Vasanth Nagar, Bengaluru, Karnataka 560052 Fax: 22832678, Email: L and T komatsu.co.in, visit us at: www. Komatsureaschout Ph: +91 80 9945835, fax: +91 2274963755



AP/Corp/17/56

Date:-03-08-2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Abhilash V USN: 10X17MBA02 from The Oxford College of Engineering- Bangalore has completed internship in "Organization study" at Texport Industries Pvt Ltd for 4 weeks from June 25th to July 21st 2018 respectively.

We wish him good luck in him future.

For Texport Industries Pvt Ltd

Dr. Ritesh Sharma

Asst. Officer-HR

TEXPORT INDUSTRIES

154, 3rd Cross Road, 5th Main Road Yeshwanthpur Industrial Area Peenya Bengaluru - 560022

Texport Industries Pvt Ltd

154, 3rd Cross Road, 5th Main Road, Yeshwanthpur Industrial Suburb, Bengaluru, Karnataka 560022



weiwo communication private Limited

Date:05/08/2018

<u>CERTIFICATE</u>

This is to certify that Mr.Abishekreddy B (10X17MBA04) student of TheOxford College of Engineering, Bangalore Studying M.B.A has undertaken internship project entitled as "AN ORGANIZATION STUDY" at Weiwo Communication Pvt ltd, located in no.464,Krishna temple road, indiranagar,1st stage Bengaluru-560038

For, weiwo communication pvt ltd



Kumar A

HR Head

No.464, Krishna temple Road, next to state bank of mysore, Indiranagar 1st stage bangalore 560038, T:08046686500

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ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಕಾರ್ಖಾನೆ ನಿಯಮ ^{(ಕರ್ನಾಟಕ}ರಾಜ್ಯಸ್ವಾದ್ಯುಕ್ಕೂಸುಕಟ್ಟಿದ) KARNATAKA VIDYUTH KARKHANE LIMITED

(A Karnataka Government Undertaking) ISO-9001-2008 Company CIN: U31101KA1975PLC002954

KAVIKA/PA/2018/2019

Date: 30-07-2018

CERTIFICATE

This is to certify that Mr.Adarsh B N (USN 10X17MBA05) student of 2nd semester M.B.A (Master of Business Administration) The Oxford college of Engineering, Bangalore 560068, has undergone internship in the area "A STUDY ON ORGANISATION STUDY AT KAVIKA", for a period of (1Month) from 25-06-2018 to 27-07-2018.

The dissertation has been completed successfully to our satisfaction and his conduct during the tenure of the dissertation was good we wish him all the best in his career.

FOR KARNATAKA VIDYUTH KARKHANE LIMITED

Assistant Engineer
KARNATAKA VIDYUTH KARKHANE LIMITED
Mysore Road, Bengaluru - 560 026
Karnataka, INDIA.

PRESTIGE BOARD PVT. LTD.

Mfrs. Of HighQuality Block Boards, Flush Doors & Plywoods

MILL ROAD, VALAPATTANAM

KANNUR - 670 010, KERALA, INDIA

PHONE: OFF: 0497 2779494/2776161 RESI: 0497 2705171

Email: prestigeboard@gmail.com

FAX: 0497 - 2776355

06.08.2018

CERTIFICATE

This is to certify that Mr. AHINSHAD. C (Reg.No.10X17MBA06) has successfully completed the Project Training in Prestige Board (P) Ltd., Mill Road, Valapattanam, Kannur as a part of fulfillment of his MBA degree from Visveswaraya Technological University, Belagavi during the period from 10.07.2018 to 06.08.2017.

For PRESTIGE BOARD PYT. LTD.

Mg. Director



CERTIFICATE

This is to certify that Mr. AJAY KUMAR P bearing Register Number 10X17MBA07 of THE OXFORD COLLEGE OF ENGINEERING, Bangalore, had undertaken Project Work at our organisation from 21st June 2018 to 25th July 2018. in partial fulfillment of the requirements for the award of the degree of Master of Business Administration, by VTU University.

He has completed the study successfully under Subject of Organizational Study and his conduct during the period was good.

Date: 25.07.2018

Place: Bangalore

JAGAÐISH SUBRAMANI

For Smart Care Electro Services

Managing Director

Phone: 080 4164 9797 www.smartecare.com



21-July-2018

To whom so ever it may concern

This is to certify that Akhilesh P worked with us as Intern - Finance in Band-S from 25-Jun-2018 to 21-July-2018 at Marathahalli, Bangalore location.

During this period we found **Akhilesh P** performance satisfactory.

We take this opportunity to thank **Akhilesh P** for being associated with us.

Wishing best luck for all future endeavors

Yours sincerely, Rainbow Children's Medicare Pvt. Ltd.

Dr Suneeta Bhat Senior Manager- Human Resour

Rainbow Children's Medicare Pvt Ltd

Sy. No. 8/5, Doddanekundi Village, Marathahalli - KR Puram Outer Ring Road. Marathahalli, Bengaluru - 560 037.

CIN: U85110TG1998PTC029914

www.rainbowhospitals.in

L. G. Industries

GSTIN: 29 A ABELGAO IF 121

Manufacturers of 'Sunrise' Brand Rigid PVC Pipes "Shree Bhuvanendra Kripa"

KOTESHWAR - 576222, Udupi District. Karnataka

TIN (VAT) NO. : 29080254884

OFFICE: 261053, 261153

: 08254 FAX: 261753 E-mail: lgi_ktr@rediffmail.com

Ref. No.

Date:

26.07.2018

CERTIFICATE

This is to certify that Mr.Akshay Tandel, pursuing 3rd semester MBA at The Oxford College of Engineering, Bangalore and affiliated to VTU University, Bangalore has under gone internship on subject "THE FINANCE AND MARKETING DIVISION," in our organization from 25th June 2018 to 25th July 2018. In partial fulfillment of his course study he has successfully completed his project.

He has a good learner and worked vigorously to prepare and execute the above work/project. We wish in success in his future endeavors.

For L.G. INDUSTRIES,

Manåging Partner.



Heppy Addo 6th August 2018 To This is to Certify that Ms. Ameens has done Internship at Happy Ad "Analyzing Organization Profile"

To Whom So Ever It May Concern

This is to Certify that Ms. Ameena Sadaf, bearing his course Registration Number 10X17MBA10, has done Internship at Happy Adda Studios Pvt Ltd, from 2nd July 2018 to 6th August 2018, on "Analyzing Organization Profile" Task.

During her tenure, she showed the commitment and enthusiasm towards her tasks.

We wish her all the best for her future endeavors.

For Happy Adda Studios Pvt Ltd.

Ramalinga Prasad Boppe

Marketing Head



ORIENT/ADMIN/

V

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3

2

J

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Date: 30/07/2018

CERTIFICATE

This is to certify that Mr. Anil Kumar N (USN: 10X17MBA11) student of 2nd semester MBA "The Oxford College of Engineering" has successfully completed his project of "Organisation Study" in our organisation from 25/06/2018 to 27/07/2018 during the project period his conduct and character was satisfactory.

We wish all the best in his future endeavors

FOR ORIENT BELL LIMITED

HR MANAGER
ORIENT BELL LTD.

Chokkahalli Village Hoskote Taluk Bangalore-562114.

ORIENT BELL LIMITED

Reg, off: #75/8, Chokkahalli Village, Hoskote Taluk, Banglore-562114

Email id: Orientbell@vsnl.com, Website: www.orientbell.com

Ph:+ (91)-80-7973571, 5252050582, Fax: 9845454244



Flipkart.com (Branch Office)

Internship Letter

31st July 2018

Name: NAYANA A

This is to certify that Nayana A (10Y17MBA15) was an intern in our organisation from 25th July 2018, under the mentorship of Arvind Gokulan and has successfully completed the internship.

Project Undertaken:

Organisation study at Flipkart.com

We wish all the best for your future endeavours

Sincere regards

For Flipkart.com

Vivek Thaker

Senior Manager

FLIPKART, COM CESSNA BUSINESS PARK Bengaluru - 560103

ವ್ರಾಥಮಿಕ ಕೃಷಿ ಪತ್ತಿನ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ, ತ್ಯಾಗರ್ವಿ

ಅಂಚೆ: ತ್ಯಾಗರ್ತಿ, ಸಾಗರ ತಾಲ್ಲೂಕು, ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ ರಿ.ನಂ. 1310/76-77/14-09-1976



ಕ್ರಸಂ.

8 302: 4 0112: Spott

This is to certify that Mr. Apoorva KG, (USN 10X17MBA16) studying MBA at the Department of Management Studies, OXFROD College of Engineering., Bengaluru, had undertaken a Internship work in our organization from 25/06/18 to 21/07/18, and had successfully completed the internship under our guidance.

His performance during the tenure of this Internship was excellent.

ಪ್ರಭಾವ ಕ್ಷಮ ಕ್ಷಮ ನಿರ್ವಹಿಸುವ ನಿರ್ದಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸು ನಿರ್ವಹಿಸು ನಿರ್ವಹಿಸು ನಿರ್ವಹಿಸು ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸು ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸುವ ನಿರ್ವಹಿಸು ನಿರಹಿಸು ನಿರ್ವಹಿಸು ನಿರ್ವಹಿ





WYD/PER/544/2018-19/697

04,08,2018

CERTIFICATE

This is to certify that Mr. Arjun Pradeep K. P. (Reg. No. 10X17MBA18) has successfully completed the Project Training in Malabar Regional Co-operative Milk Producers Union Ltd., Milma, Wayanad Dairy, as part of fulfillment of his MBA Degree from Visvesvaraya Technological University, Belagavi during the period from 07.07.2018 to 03.03.2018.

Kalpetta



Persona PX ficer for Dairy Manager

Our Mission: Farmer's prosperity through consumer satisfaction

Wayanad Dairy, Chuzhali, Kalpetta P.O. - 673121, Kerala

Ph: 04936 207245, 207201, 207398, Fax (04936 207145, Email) wyddairy@malabarmilma.cop Web (www.malabarmilma.com Tin : 32140490501 CST : 32140490501C ELA (MP-03-005 / 2010 PAN | AAAAMI011G SIN | AAAAMI011GN1006 PSSAI Lic.No.; 10012041000098 Head Office (Peringulam P.O., Kunnamangalam, Kuzhikode - 673571, Kerala, India, Ph. (0495 2800612, 2805400, Fax (0493 2800648

GST No.: 32AAAAM1011G3ZG

R.NO /A.R.C.S/815/30-04-1949

KASABA PRIMARY AGRICULTURAL CO-OP SOCIETY LTD SAVARKARNAGARA ...SHIVAMOGGA- 577202

Date:21/07/2018

CERTIFICATE

This is to certify that
To Ms Ashitha s.k USN no 10X17MBA21
MBA student from
OXFROD college of engineering.Bengaluru
Has successfully completed internship project report
in our co-operative society period from
25/06/2018 to 21/07/2018.

ISSUING AUTHORITY

M

(Manjunath Reddy) C.E.O

ಮುಖ್ಯಕಾರ್ಯನಿರ್ವಾಪಣಾಧಿಕಾರಿ ಕಸಬಾ ಪ್ರಾಥಮಿಕ ಕೃಷಿ ಪತ್ತಿನ ಸಹಕಾರ ಸಂಘ ನಿ.. ಸಾವರ್ಕರ್ನಗರ, ಶಿವಮೊಗ್ಗ,



ಶಿವಮೊಗ್ಗ, ದಾವಣಗೆರೆ ಮತ್ತು ಚಿತ್ರದುರ್ಗ ಜಿಲ್ಲಾ ಸಹಕಾರ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿಯಮಿತ SHIVAMOGGA, DAVANAGERE & CHITRADURGA DIST. CO-OP. MILK PRODUCERS SOCIETIES UNION LTD.,

ISO 22000 : 2005 ಪ್ರಮಾಣ ಪತ್ರ ಹೊಂದಿದೆ

NO/SDCMU/Admin-6/ P.C-12 (A) /027/2018-19

DATE: 01.08.2018

CERTIFICATE

This is to certify that Sri Bharath M.U Studying Master of Business Administration in Oxford College of Engineering, Bommanahalli, Bangalore has attended and completed his project work on "Organization Stduy" in Shivamogga, Davanagere and Chitradurga District Co-operative Milk Union Ltd., as part of his course curriculum during the period from 25.06.2018 to 21.07.2018

This Certificate is issued only for academic Purpose

Managing Director
hivamogga, Dayanagere & Chitradu

Shivamegga, Davanagere & Chitradurga District Co-op Milk Producers Societies Union Ltd., Shivamogga.

ಆಡಳಿತ ಕಚೇರಿ : ಮಾಚೇನಹಳ್ಳಿ, ನಿದಿಗೆ (ಅಂಚೆ), ಶಿವಮೊಗ್ಗ - 577 222. ಕರ್ನಾಟಕ

Administrative Office: Machenahalli, Nidige (Post), Shivamogga - 577 222. Karnataka Phone: 08182-246161, 246163. Fax: 08182-246284. Email: md_shimul@yahoo.com



"AN ISO 9001 : 2015 COMPANY"

GTR ALUMINIUM PVT. LTD.,



Ref:

Date:

Date: 09 August 2018

To Whomsoever It May Concern

This is to certify that Miss. BHAVYASHREE D S USN (10X17MBA25) from Oxford College of Engineering, Bommanahalli has successfully completed a Internship at "GTR Aluminium Pvt Ltd". It is partial fulfilment of the requirement for the awards of her MBA degree from VISVESVARAYA TECHNOLOGICAL UNIVERSITY. The period of the project was from 25th June 2018 to 21stth July 2018.

For GTR Aluminium Pvt Ltd.,

(Manager)

Head Office: No. 33E, 3rd Main Road, Veerasandra Industrial Area, Anekal Taluk, Bangalore - 560 100. Website: www.gtraluminium.com E-mail: info@gtraluminium.com Phone: 080-2783 1898 Branch : No. 137-138B, Bommasandra Industrial Area, Anekal Taluk, Bangalore - 560 099.

CIN: 27203KA2004PTC033623



30th July 2018

WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Bhargav Yadav N R, III semester MBA student of The Oxford College of Engineering, Bangalore has successfully completed his organizational study in our organization from 2rd July 2018 to 30th July 2018.

During this period, we found him sincere and diligent. We wish him all the very best in his future endeavors.

This certificate is issued for academic purpose.

BANGALORE

With best regards,

For Apotex Research P

Authorized signatory

Phone: 04344 - 421300 Fax: 04344 - 421388



Registered Office: 35, Rajaji Nagar, Hosur - 635 126, Tamil Nadu, India Corporate Identity Number: U16000TZ1973PLC018100 • e-mail: atchosur@atcttd.in

ATC/HR/286

September 19, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Bindhu Shri M, Student of Oxford College of Engineering, Bommanahalli, has done her inplant training in our Company during the period from 02.07.2018 to 31.07.2018.

During her tenure with us as a Trainee, she had undertaken key assignment in the area of HR Department.

During the above period, she has evinced keen interest and her conduct and character were found to be good.

We wish all the success in her future endeavors.

for ATC LIMITED

P GOWRI

the between the total design of the second

HUMAN RESOURCE EXECUTIVE



Date: 31th July 2018

TO WHOM IT MAY CONCERN

Subject: PROJECT COMPLETION LETTER

This is to certify that Ms. BINDU.R (10X17MBA27) student of M.B.A. from The Oxford College of Engineering, Bangalore, has undertaken project work on "ORGANISATION STUDY" at AXIS BANK, WHITEFIELD, BANGALORE during the period of one month between 29th June 2018 to 28th July 2018 as part of curriculum and successfully completed under the guidance of the Mrs.Rakhi Sharma (Asst-Manager).

During the period the student was found to be disciplined and hardworking,

We wish her all the best in his academic career.

RAKHI SHARMA AXIS BANK Whitefield



Email: Kolardccb@yahoo.com

Ph. No: 222 042

222 192

KOLAR AND CHIKBALLAPUR DISTRICT CO-OPERATIVE CENTRAL BANK LTD., KOLAR

(Post Box No. 11, DCC Bank Road, Kolar- 563 101)

NO: KCDCCB/CEO/ 9297

/2018-19

Date:09.10.2018

TO WHOM SO EVER IT MAY CONCERN CERTIFICATE

This is to certify that Ms. Chandini.N, Reg.No:1OX17MBA29, who is studying in 2nd Year MBA, Department of MBA, Visvesvaraya Technological University, The Oxford College of Engineering, Bommanahalli, Hosur Road, Bengaluru-560068, has under taking the project in our bank.

The project title was

"OUR ORGANIZATIONAL STUDY"

Mr.Shivakumar.M.R, AGM of Kolar and Chikballapura D.C.C. Bank Ltd., Kolar guided the project, and she has completed the project successfully with her endeavours.



(Mr.Shivakumar.M.R.)
Assitant General Manager,
Kolar and Chikballapura
D.C.C. Bank., Kolar.





21st July 2018

CERTIFICATE

This is to certify that Ms. Chirasya M.U., MBA Student, USN No. 10X17MBA30 of The Oxford College of Engineering, Bommanahalli, Bengaluru, has done "Internship" in the field of "Organisation Study" at God Granites, Bengaluru from 25.06.2018 to 21.07.2018.

During her Internship in our Firm, we found her Character & Conduct was very good.

We wish her success in her Life and Career.

For God Granites

For GOD GRANITES

Authorised Signatory

COP S

Email : godgnt@gmail.com, Web : www.godgranites.com



CERTIFICATE

11.08.2018

VIHA/IN-005

This is to certify that Mr. DEBDEEP SINGHA ROY (10X17MBA31) a student pursuing Master of Business Administration from THE OXFORD COLLEGE of ENGINEERING, Bengaluru has completed his internship successfully as a Business Development (Trainee) at

VIHA ONLINE SERVICES - Bengaluru,

during the period from 11.07.2018 to 11.08.2018 as a part of curriculum and has submitted a report titled "ORGANIZATION STUDY at VIHA ONLINE SERVICES."

During the above period, we found him to be diligent and honest in his work and we wish him success in his future endeavors.







Ref: HIPL//K/P&A/IPT/2018-19/625

Date: 1/08/2018

CERTIFICATE

This is to certify that Ms. Deepika Naik M.B.A. (10X17MBA32) student from THE OXFORD COLLEGE OF ENGINEERING, KARNATKA has undergone Project Work from 25th June-2018 to 21st July-2018 in our factory.

During the above tenure she was imparted training across various domains of our organization titled as "Organizational Study at Hangyo Ice- creams Pvt. Ltd Kirwatti."

Ms. Deepika Naik has evinced lot of interest in learning the assignment given to her and also participated actively in discussion on various topics.

We wish that her academic career will be bright and successful.

FOR HANGYO ICECREAMS PVT. LTD.



Hangyo Ice Creams Pvt. Ltd.

ठाङ्कतावाद अवदाय

ಬೆಂಗಳೂರು ನಗರ, ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ಹಾಗೂ ರಾಮನಗರ ಜಿಲ್ಲಾ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಟ ನಿಯಮಿತ, ಬೆಂಗಳೂರು-29



Bengaluru Urban, Bengaluru Rural & Ramanagara
District Co-operative Milk Producers' Societies Union Ltd., Bengaluru-29

No.Bamul/Admn-10/Cert/2018-19

Date:14.08.2018

CERTIFICATE

This is to certify that Mr.Dhanush.K.M Student of Oxford College of Engineering Studying MBA part of Curriculum has undertaken Project entitled as "Organisation Study" at Bengaluru Urban, Bengaluru Rural and Ramanagara District Co-Operative Milk Producer's Societies Union Ltd., Bengaluru from 11.07.2018 to 11.08.2018

General Manager (Admn)
Bengaluru Co op Milk Union Ltd.,



HRD: TRG: 2018 July 31, 2018

CERTIFICATE

This is to certify that Ms. Divya D (10X17MBA36) studying MBA at The Oxford colllege of Engineering ,Bommanahalli Bangalore undergone internship for the period from 2nd July to 31 st July 2018 ,at Mangalore Chemicals & Fertilizers Limited , Panambur ,Mangalore

During the Period of her internship ,she has been found to be keen in learning, hardworking and displayed good conduct & character .

P SURESH

DEPUTY GENERAL MANAGER - HR

P. SURESH

Dy. General Manager - Human Resources Mangalore Chemicals & Fertilizers Ltd., Panambur, Mangaluru - 575010





Ref. No: 0245/2018

Date: 06-08-2018

CERTIFICATE

This is to certify that, Mr. **DURGA PRASAD R**, USN: **10X17MBA37**, M B A student of The Oxford College of Engineering – Bangalore, has successfully undergone project research on "Organizational Study" in our organization in 4 weeks of duration from June 25th to July 21st 2017.

His behavior while survey regarding the project work was good. We wish him all the best in his future endeavors.

F E B E4U/), Graphite INDIA Main Road NOPR industrial Loyout Deddanakundi Pengaluru - 560 048

Sandhya

KANVA FASHIONS LIMITED

(Formerly known as Kanva Marketing Limited)

Date: 05-08-2019

ADMIN: ES/EC15/220

CERTIFICATE

This is Certify that Mr. Guru Prasad Reddy Gopavaram (10X17MBA38) MBA Student of the Oxford College of Engineering Bangalore, has successfully completed his Project of "A Study Organization Behaviour" in our Organization from "06th July 2019 to 02nd August 2019". During the Period his conduct and character was satisfactory.

We wish all the best in his Future Endeavors.

SATYANARAYANA

HR MANAGER

KANVA FASHIONS LTD.

Nagasandra Main Road, Rkumini Nagar T. Dasarahalli, Bangalore-560 073.

Regd Office:

861, Kanva Sri Sai Complex, West of Chord Road, 02nd Stage, Modi Hospital Road, Bangalore 560086 Karnataka, India, Ph 40366 222, 40365 209 Fax: 40366228, Email: Kanvagroup99@gmail.com www.kanvagroup.com

Factory:

Nagasandra Main Road, Rkumini T Dasarahalli, Bangalore - 560073 Ph: 7892719795 ISO: 9001:2008 (QMS)



Duroflex Private Limited R&D Division - Puf Factory:

Hosur-Anekal Road, Kumaranapalli Village, Belagondapalli Post, Denkanikottai Taluk, Krishnagiri District - 635114 Tamil Nadu P: 080-29785510

E : duroflex.puf@duroflexworld.com W : www.duroflexworld.com CIN : U36104KL1981PTC003447

REF: DPLH/HR/GEN/2018.

DATE: 25.08.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.GAGAN.Y 3rd SEMESTER MBA, bearing Reg. No - 10X17MBA39, student of The Oxford College of Engineering, Bommanahalli Bangalore Dt-560068, has completed his Project in our organization for the period from 20.06.2018 to 20.07.2018.

He showed a great initiative and sincere contribution through excellent teamwork and positive attitude.

His conduct and character during his tenure were found to be good.

We wish him a bright future in his future endeavours.

For Duroflex Pvt Ltd.,

F.CHARLES ROBERT

Manager - HR & Admin.

CC TO GENERAL FILE..

SRI SADANANDA FOODS PVT LTD



Date: 30-07-2018

CERTIFICATE

To

Mr. GIRIPRAKASHA REDDY C R

USN: 10X17MBA40

The Oxford College of engineering - Bangalore

This is to certify that MR. GIRIPRAKASHA REDDY C R (Reg No. 10X17MBA40) MBA student of "THE OXFORD COLLEGE OF ENGINEERING", Bangalore, has successfully completed his internship training on the subject titled "Study of an organization" at Sadananda Foods Pvt Ltd, from 2ndJuly 2018 to 28thJuly 2018.

He has exhibited a high level of enthusiasm and commitment in his work on completion of the internship, he also association with us was very fruitful, he has submitted a written report of the above studies.

We wish him all the best for his future Endeavors.

R MANAGER

(SRINATH REDDY)



#10, KIADB Industrial Area, Kandavara Village, Chickaballapur – 562101, Karnataka. Email: srikrishnaghee@yahoo.co.in, Website: www.srisadanandafoods.com



TPSSL/HR/Proc/2017-18

Date: 26-07-2018

CERTIFICATE

This is to certify that Mr. Girish Y S, The Oxford College of Engineering, has worked in Procurement – wherein he carried out project on "Techno-Commercial Evaluation and Development of I&C service providers for Rooftop Solar Projects", during his internship at Tata Power Solar Systems Limited, Bangalore between 27-06-2018 to 26-07-2018. He has been actively engaged during the project work.

We wish Girish all success in his future endeavors.

Thanking you,

For TATA POWERSQLAR SYSTEMS LIMITED

Phase 1
Hosur Road

Agnes Charles

Lead - Business HR





TO WHOMSOEVER IT MAY CONCERN

This is to certify that MR.HARISH KUMAR L, III semester MBA student of the Oxford College of Engineering, Bangalore has successfully completed his Organization Study in our organization from 02nd July 2018 to 30th July 2018.

During this period, we found him sincere and diligent. We wish him all the very best in his future endeavours.

This certificate is issued for academic purpose.

DATE: 06/08/2018 PLACE: BENGALURU

R. RAVISHANKAR
MANAGING DIRECTOR



DATE: 06-Aug-2018

CERTIFICATE

This is to certify that Mr. Harish R, (USN: 10X17MBA44) student of The Oxford College Of Engineering, successfully completed project for 1 month as part of his MBA curriculum.

This project was conducted under the subject "Organizational Study" at UNILOG Content

Solutions Pvt. Ltd, J.P Nagar 5th Phase, Bangalore - 78 under the guidance of HR Manager, He

possesses good working knowledge and his performance, conduct and character has been
satisfactory during his tenure with us.

We wish him well in all his future endeavors.

Thanking you,

Yours faithfully,

For Unilog Content Solutions Pvt. Ltd.

Shivanna, K

Manager - HR & Admin.

Corporate Office: LFR:10 Contest Schildren Prt. 151, #11, 1515 Criss. 209 Main, Dair Ring Rood. JP Topics, \$11 Prince, Baryshire -500078. Tel: +91-80-26510721.
Contest Bredspreed: # 375/2. Guerante Tronts. D. Sathakir: Rood. Likelerispiran, Mysics — 578 DDL. Tel: +91-821-664 2545.
Satharen and R.B. D. Contest Supplie Print. #2563, 2nd Fixed, Goldier Rood, Van Villa Meddia. Mysics — 578 DDL. 164-91-821-664 8501.
BS Office: Linksy Contest Supplie, LLC, #943, Dd Eagle School RL. Sath 318, Mayro, Ph. 1007. Tel: +1-412-663-0005.



VISHWESHWARAYA ALLOY CASTING PVT. LTD

31-July-2018

TO WHOM SO EVER IT IS CONCERNED

This is to certify that Mr. Hemanth Kumar T C bearing USN 10X17MBA45, MBA student from The Oxford College of Engineering, Bangalore has successfully completed a internship at "Vishweshwaraya Alloy Casting Pvt Ltd" its partial fulfilment of the requirement for the awards of his MBA degree from Visvesvaraya Technological University. The period of the project was from 15th July to 28th July.

Manager

Mr SOMASHEKHAR



25.07.2018

CERTIFICATE

This is to certify that Ms. Hemavathi D, MBA student of The Oxford college of Engineering has completed her internship in our establishment from 05.07.2018 to 25.07.2018.

During her internship, Ms. Hemavathi D spent quality time with All Department. She got a broad insight into the company and got introduced to various departments.

We wish her all success in future endeavour.

FOR SANSERA ENGINEERING PVT LTD.,

(Manoj Kumar B M) Sr. Executive - HR



Muthoot Health Care Private Limited

(An NABH Accredited and ISO 9001:2008 Certified Hospital)
College Road, Kozhencherry, Kerala - 689 641

Ph: 0468 - 2314000 (7 lines). Fax: 0468 - 2214427

E-mail: mgmmmc@gmail.com Website: www.muthoothealthcare.com



HRD/TRAINING/2018/24

06.08.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Hemin Abraham, IIIrd Semester MBA Student, The Oxford College of Engineering, Bommanahalli, Bengalure has undergone 4 weeks Internship in the departments of HR, Marketing, Quality & Public Relation from 9th July 2018 to 4th August 2018.

Muthoot Medical Centre, Kozhencherry is a 280 active inpatient bedded multispecialty hospital with the following accreditations.

- NABH {National Accreditation Board for Hospitals and Healthcare providers}
- ISO 9001:2008 {International Organization for Standardization}

During the training period he carried out the tasks assigned to him diligently.

For Muthoot Medical Centre (Muthoot Health Care Private Limited)

Shibi Cherian Mathew Assistant Manager -HR



SAAB ENGINEERING

B 41/42, KSSIDC Industrial Estate, Bommasandra, Bengaluru - 560099

ENGINEERING

Certificate

This is to certify that Ms. Jayashree V S. (USN NO: 10X17MBA48) Student of Oxford College of Engineering, has successfully completed her Internship on "Organization Study" in our Company under the guidance of Mr. Ananda H. R., Accounts Department from 28th June 2018 to 25th July 2018.

She was regular, punctual in her attendance and her conduct was satisfactory during the period.

Pradeep Kumar M.V. (H R DEPARTMENT) SAAB ENGINEERING



06.08.2018

CERTIFICATE

This is to certify that Mr. Jobit K Shilas, MBA student from The Oxford College of Engineering, affiliated to Visvesvarya Technological University, Bommanahalli, Bengaluru. Successfully completed his internship (Organisational Study) (from 5th July to 6th August, 2018) at Malabar Meat, The meat processing unit of Brahmagiri Development Society.

We wish all success in his career

Manjadi



For Malabar Meat,

General Manager



Date:-23rd/July/2018

TO WHOM SO EVER CONCERN

This is to certify that Mr. KAJEEM (USN.NO. 10X17MBA50), 2nd year MBA Student of the Oxford College of Engineering Bangalore, Department Of Business Administration has carried a project work on "ORGANIZATION STUDY" in our organization, during the period from 26.06.2018 to 21.07.2018

During the project period he has shown keen interest to learn new concepts and was found to be hard working.

We wish him all the success in his future career.

Sri Venkatesh hero

Kalburgi.

e-mail: sva_gulbarga@hotmail.com

Additional Workshop: Near Mandir, Kalaburagi - 585 102 - Phone: 08472 - 2763836

ETHNIC SIQK MIQQIS



Date: 1/8/2018

CERTIFICATE

This is to certify that, Mr. KANDULA KHAJA REDDY, USN: 10X17MBA51, MBA student of The Oxford College of Engineering – Bengaluru has successfully undergone project research on "Organisational Study" in our organization in four weeks of duration from June 25th to July 21st 2018

His behavior while survey regarding the project work was good. We wish him all the best in future endeavors.

ETHNIC SILKS

Hosa Road, Parappana Agrahara Bengaluru - 560 100

ETHNIC SILK MILLS

Asst. Managery (RAMESH BABU)

Hosa Road, Konappana Agrahara, Parappana Agrahara, Bengaluru, Karnataka 560100



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
BOILER AUXILIARIES PLANT
Indira Gandhi Industrial Complex
Ranipet - 632 406

CERTIFICATE

This is to certify that KARTHICK T Reg No. 10X17MBA52, Final Year student of MBA in GENERAL MANAGEMENT from THE OXFORD COLLEGE OF ENGINEERING, BENGALURU has completed a project titled "STUDY OF ORGANISATION" IN BHEL, RANIPET during the period from 03/07/201S to 30/07/201S and the Internship Training done by him/her was found to be satisfactory.

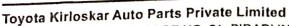
स्त्री - प्रशासनः / भर-देशांग रीक्ष्म्य, तेर्च, हर्नेष्ट्रामन्त्र, तेरांग्रानी (Head of HRDC)

M. KARAGARAJ DEPUTY MANAGER I HR-WLX & TDX BHEL I BAP / RANIPET - 632 406.

C RAJASEKARAN Manager/Human Resource Mgmt.. B.H.E.L./ RANIPET

M KANAGARAJ
Deputy Manager / HR - Welfare
B.H.E.L./RANIPET

TOYOTA KIRLOSKAR AUTO PARTS



REGD. OFF. & WORKS : PLOT NO. 21, BIDADI INDUSTRIAL AREA, RAMANAGAR DIST. PIN - 562 109.

BIDADI, KARNATAKA, (INDIA) TEL: (080) 27287141, 71984008 FAX: (080) 27287142 CIN: U35914KA2002PTCO30335, E-mail: Info@tkap.co.in, Website: htttp://www.tkap.com

JULY 22, 2018

CERTIFICATE

This is the certificate that Ms KAVYA G (USN: 10X17MBA53) pursuing MBA at OXFORD college of Engineering, Bangalore has done an Organisational study in our establishment during the month of 25th June 2018 to 21st July

2018 (4 weeks) as a part of her curriculum requirement.

This certificate is issued only for the purpose of submitting to the College/Universty.

Naveen Prasad

Dy, General Manger - HR & Admin



TO WHOME SO EVER IT MAY CONCERN

This is to certified that Ms.KAVYA. P O with USN. 10x17MBA54 student of MBA bearing Reg. No:17MBA54 from oxford collage of engineering Affiliated to VTU has successfully completed her project on "Organization study" rajaji naga: from: 26.06.2018 to 30.07.2018

During the period, the code of conduct and behavior of the student was good.

We wish all the best for her feature

For Group future group Ltd,

FUTURE RETAIL LTD.

BIG BAZAAR

A-Divin of (future retail ltd.
No 5 & 6 Ward No 14 Industrial Suburb

Adj to Shell Petrol Bunk, Near Iskoon Temple

ir.HR Executive Rajajinagar BANGALORE - 560086

Bg-Rajajinagar

That water That Ends Your Thurst



GANGA MINERAL WATER,

GANGA MINETY (V), Dommasandra Post, Sarjapura (II), Anekal Taluk, Bangalore - 562 125. Mobile : 9880886768, Sp. No. 44, Kadaagrahara (V), Dommasandra Post, Sarjapura (II), Anekal Taluk, Bangalore - 562 125. Mobile : 9880886768,

24TH JULY 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.KUSHMA.G, MBA, and Reg.No:10X17MBA55 student of The Oxford College of Engineering, Bommanahalli, Bangalore has successfully completed the internship on "Organizational Study" at Ganga Mineral Water ,Kadagrahara(v), Anekal, Bangalore-562125 from 25/06/2018 to 24/07/2018.

During the above period she has shown keen interest in learning and doing her Internship Training.

At the time of internship, we found her conduct to be very good.

We wish her all the very best in her future assignments.

Thanking you,

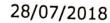
Yours faithfully,

For Ganga Mineral Water

Mr.Madhu Sudhan Reddy

HR & Talent Acquisition Manager

Ganga Mineral Water





TO WHOMSOEVER IT MAY CONCERN

This is to certify that

Ms.LAKSHMI M, MBA Reg. No. 10X17MBA56

The Oxford College of Engineering - Bangalore

has successfully completed the Project Work

Organisation Study

at HRD in Ashok Leyland, Hosur-I from 02/07/2018 to 28/07/2018.

During the above period, she has evinced keen interest in learning / doing her Project work and we found her conduct to be good.

G. Ramesh

Senior Manager - Training

ASHOK LEYLAND LIMITED

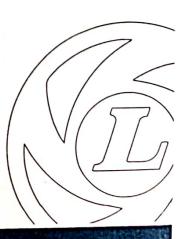
175, Sipcot Industrial Complex, Hosur - 635 126. India.

t:+91 4344 276631 f:+91 4344 276067 e:reachus@ashokleyland.com

Regd. Office: No. 1, Sardar Patel Road, Guindy, Chennai - 600 032. India.

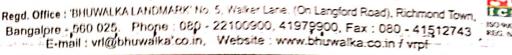
t : +91 44 2220 6000 f : +91 44 2220 6001 CIN : L34101TN1948PLC000105

www.ashokleyland.com





Vishwakarma Refractories Private Limited





CERTIFICATE

This is to certify that Miss.Likitha V.M Reg No.10X17MBA57 the student of 3rd Semister MBA of The Oxford College of Engineering, Bommanahalli, Hosur Road underVisvesvaraya Technological University has successfully done the Project for "ORGANIZATION STUDY" IN VISHWAKARMA REFRACTORIES PVT LIMITED AT KOLAR"

She was from 02.07.2018 to 31.07.2018 with us for study about On above topic in Our Organization.

We are happy with her concentration and attendance during the Project work she did here.

For Vishwakarma Refractories pvt ltd

Date: 01.08.2018

Works: No. 6, 64 & 7, Tamaka lizhratrial Kren, Kulai - 603 101. Pipune - 0016g - 060996 Telefax : 08152 - 243201 E-mail : wydurktyrbyrpall eum, wydworkambhowalka.ea.in





SHREE IMPEX

Exim Benefits • Customs • Central Excise

To

Date.20.08.2018

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

Dear Sir/Madam,

Sub: MBA 3rd Semester Internship -reg.10X17MBA58

Ref:TOCE/EST/2018-19

TOWHOM SOEVER IT MAY CONCERN

This is to certify that Ms. NAUREEN SABA.N, USN NO-10X17MBA58. Student of THE OXFORD COLLEGE OF ENGINEERING, Bommanahalli, Bangalore, Visvesvaraya Technological University, Bangalore, has undergone internship programme For Organisation study in our organization. In SHREE IMPLEX Koramangala Bangalore during the period of 01-07-2018 to 30-07-2018 in partial fulfilment for the completion of her internship course. While doing her intership programme, we found her sincere, discipline and hard working.

We wish her all success in her future endeavour.

Yours truly

CEO

NO.109,2ND Block, 4TH Cross (Beside Kendriya sadan & Opp.Visweshwaraya Guest House)
Koramangala, Bangalore-560034 Ph-080-25635531/9611686197.E.sriram@shreeimpex.com
URL:WWW.shreeimpex.com



RS AUTO COMPONENTS

An ISO 9001: 2008 & TS 16949:2009 Certified Company

24th July 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms..P.Anupama, MBA.Reg.No:10X17MBA59 student of The Oxford College of Engineering, Bommanahalli, Bangalore has successfully completed the internship on "Organizational Study" at M/S. RS AUTO COMPONENTS, Sipcot, Hosur-635126 from 25/06/2018 to 24/07/2018.

During the above period she has shown keen interest in learning/ in doing her Internship Training.

At the time of internship, we found her conduct to be very good.

We wish her all the very best in her future assignments.

For RS AUTOCOMPONENTS

P .Krishna Murthy

Plant Head





Phone: 0471-2399090

0471-2399030



Fax: 0471 - 2477677

Regional Institute of Aviation

(Approved by Director General of Civil Aviation, Govt. of India)
Pallichal, Vedivachankovil, Thiruvananthapuram - 695 501, Kerala State, India

Date: 06-08-2018

CERTIFICATE

This is to certify that, Ms. GOKILA GIRI G, USN: 10Y17MBA01 MBA student of The Oxford College of Engineering- Bangalore has successfully undergone project research on "Organizational Study" in our Organization in 4 weeks duration from July 9th to August 3rd 2018.

Her behavior while the survey regarding the project work was good.

We wish her all the best for her future endeavors.

Pallichal
Vedivachankovil P.O.
Thiruvananthapuram
695 501

A.R GIRISH KUMAR

(ACCOUNTABLE MANAGER)

GIRISHKUMAR.A.R
Accountable Manager
Regional Institute of Aviation
Pallichal Vedivachan Kovil Post
Thiruvananthapuram -395591



HR/PROJ/2018/30

31-JULY-2018

CERTIFICATE

This to certify that Mr LOKESH G bearing USN 10Y17MBA03, MBA student of THE OXFORD COLLEGE ENGINEERING, has undergone his project work on "Organisation Study "at TITAN COMPANY LIMITED (CORPORATE OFFICE) Electronic city Bengaluru from 25th June to 21st July 2018.

During this period his performance and conduct was good.

For TITAN COMPANY LIMITED

Vibeizole Rupre-o

Assistant Manager-Human Resource



ಕೋಲಾರ – ಚಿಕ್ಕಬಳ್ಳಾಪುರ ಜಲ್ಲಾ ಸಹಕಾರ ಹಾಲು ಉತ್ಪಾದಕರ ಸಂಘಗಳ ಒಕ್ಕೂಬ ನಿಯಮಿತ

Kolar - Chikkaballapura District Co-operative Milk Producers Societies Union Ltd.

KCMU: ADMN:

H352:2018-19

Date: 30.07.2018

CERTIFICATE

This is to certify that MADHAVI A (Reg No:10Y17MBA04), The Oxford College of Engineering, Affiliated to VTU, Banglore student Studying MBA has undertaken Project in dairy entitled as "AN ORGANIZATION STUDY" at Kolar-Chikkaballapur District Co-operative Milk Producers Societies Union Ltd., Kolar for the period of 28.06.2018 to 28.07.2018.

For Kolar-Chikkaballapur Milk Union Limited,

Manager (Admn)

Kohr Chitkahallagur Diet Corperative fills Producer's Sociaties Union Limited,

E-mail: komulmd@yahoo.co.in, komulmd@gmail.com, website: www.komul.coop



Ret. Ashirvad/SCR/MR/2016

Date: 21/07/2018

TO WHOMSEVER IT MAY CONCERN

This is to certify that Mr. MADHU SUDBAN P bearing USN 10Y17MBA05 Third Semester MBA student of the Oxford College of the Engineering, affiliated with Visvesvaraya Technological University. He has successfully completed his project on "Organisation Study" from 25° June 2018 to 21° July 2018. During this period his conduct and behaviour was good.

This certificate is issued for the partial fulfilment of his academics only. We wish all the success in his future endeavours.

For Ashirvad Pipes Pvt Itd., Attibele,

(Shahiha Kumaran W)

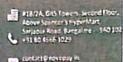
HR Manager

ASHIMAD PIPES PVT. LTD. 4-B Attibute Industrial Area. Hosura Road Bangakar 562 107

> WORDS TARGEST SELLING TONC PIPES & FIT (1965 WORDS'S TARGEST SELLINGS THAT COLUMN PIPES

MART WATER MARKAGEMENT REPORTED AND PROPERTY AND PROCESSION ACCORDING TO A ARREST AND ACCORDING A PROCESSION ACCORDING A PROCESSI







Date: 3rd Aug 2018

TO WHOM IT MAY CONCERN

This is certify that Ms. Mamatha .U, (USN: 10Y17MBA07) pursuing MBA at Vishveshvaryya Technical University (VTU), Bangalore, Karnataka has done an ORGANISATIONAL STUDY successfully in our establishment during the month of July 2018 – August 2018 - (4 weeks) as a part of his curriculum requirement. We thank Ms.mamtha.U for the association with Novopay and we take this opportunity to wish her very best in all future endeavours.

This certificate is issued only for the purpose of submitting to the college/University.

Yours Sincerely,



Vasantha Babu Sr.Manager- Human Resources Khosla labs_ Novopay Solutions Private Limited Group Pharmaceuticals Limited

Plot no. 41,KIADB Industrial Area, Nasigere Village, Kasaba Hobli, Malur 563130, Dist. Kolar, Karnataka. Tel.: 91-8151-234237/235220, Fax: 91-8151-235084. email: malur@grouppharma.in CIN No. U24239MH1980PLC022889

Ref.No: AS/0141/18-19

Date: 30.07.18

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. MANJULA.B.R with USN: 10Y17MBA08 student of MBA bearing Reg.No:17MBAIN307 from Oxford College of Engineering, Affiliated to VTU has successfully completed her Project on "Organization Study" at Group pharmaceuticals ltd. Malur, from: 26.06.18 to 30.07.2018.

During the period, the code of conduct and behavior of the student was good.

We wish all the best for her future.

For Group Pharmaceuticals Ltd,

Authorised signatory

Group Pharmaceuticals Ltd.,
Plot No.41, Nasigere Village
Kasaba Hobli, K.I.A.D.B.
Malur-563130. KOLAR Dist.





AMAZON DEVELOPMENT CENTER INDIA PRIVATE LIMITED

Internship Letter

31^{et} July 2018

Name: MANJUNATH G

This is to certify that Manjunath G (10Y17MBA09) was an intern in our organisation from 26th June 2018 to 26th July 2018, under the mentorship of Govardhan N Swamy and has successfully completed the internship.

Project Undertaken:

Organisation study at Amazon India

We wish all the best for your future endeavours

Sincere regards**

For Amazon Development Centre India Private Limited

Supreeth R Gowda

Senior Manager

AMAZON IN 26/1 Brigade Gateway Dr. Rajtumar Rd, Maileshwarm West Bangalore Karnataka 560 055



NH/Corp/17/56

Date:-31.07.2018

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Manjunatha M (10Y17MBA10) from THE OXFORD COLLEGE OF ENGINEERING BANGALORE has completed internship in organization study in Nh Health city Bangalore from 25.06.2018 to 21.07.2018.

We wish him good luck in his future.

For Narayana Hrudayalaya Pvt. Ltd

Dr. Rakesh Verma

Group head - learning & Development

Narayana Hrudayalaya Pvt Itd

Corporate Office: - 2nd Floor, Mazumdar Shaw Medical Center, NH Health City, No.261/A, Bommasandra Industrial Area Hosur Road, Bangalore -560099

<u>Tel:</u> +91871222222 Fax:-+918027832648 Www.Narayanahealth.Org





Date: 30/07/2018

CERTIFICATE

This is to certify that Mr. Manoranjan K S (USN 10Y17MBA11) student of 2nd semester M.B.A, The Oxford college of Engineering, Bangalore 560068, has undergone internship in the area "<u>A STUDY ON ORGANISATION STUDY</u> <u>AT EXIDE INDUSTRIES LTD.</u>", for a period of (1Month)from 25-06-2018 to 27-07-2018.

The dissertation has been completed successfully to our satisfaction and his conduct during the tenure of the dissertation was good we wish him all the best in his career.

FOR EXIDE INDUSTRIES LIMITED

Authorised Signatories
HR MANAGER

Ph. +91 RN 9945835 fav. +91 2774963755



Date: 3/08/2018

CERTIFICATE

This is to certify that Mr. Mohammad Saif (USN 10Y17MBA12) student of 2nd semester M.B.A (Master of Business Administration) The Oxford college of Engineering, Bangalore 560068, has undergone internship in the area "<u>A STUDY ON ORGANISATION STUDY AT FALCON TYRES LTD.</u>", for a period of (1Month) from 25-06-2018 to 27-07-2018.

The dissertation has been completed successfully to our satisfaction and his conduct during the tenure of the dissertation was good we wish him all the best in his career.

Asst, HR MANAGER FALCON TYRES LIMITED

Falcon Tyres Pvt. Ltd.
Sudhama Nagar, Siddaiah Road,
Bengaluru-560 027, Karnataka, India.

CON TYRES LTD.

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4

nglore, Karnataka-560027 lid: info.falcon@vsn.com,
site: www.Falcontyresltd.
1 +91 80 9945835, fax: +91 2274963755



Date: 1/08/2018

CERTIFICATE

This is to certify that Mr. Mohammed Wajahath A S (USN 10Y17MBA13) student of 2nd semester M.B.A The oxford college of Engineering, Bangalore 560068, has undergone internship in the area "<u>A STUDY ON ORGANISATION</u> STUDY AT GO GO INTERNATIONAL PVT LTD.", for a period of (1Month) from 25-06-2018 to 27-07-2018.

The dissertation has been completed successfully to our satisfaction and his conduct during the tenure of the dissertation was good we wish him all the best in his career.

FOR GO GO INTERNATIONAL PRIVATE LTD

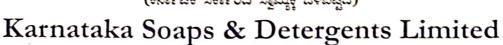
HR MANAGER

6060 International Put. Ltd.
No. 6. KHP Industrial Area.
Yelahanka, Bengaluru-560 064



ಕರ್ನಾಟಕ ಸಾಬೂನು ಮತ್ತು ಮಾರ್ಜಕ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)





(A Government of Karnataka Undertaking)

KSDL/HRD/59[C]-A/2018-19/ **250**

Date: 04.08.2018

CERTIFICATE

This is to certify that Mr. Nagendra Student of MBA Reg: 10Y17MBA14
The Oxford College of Engineering, Bommanahalli, Hosur Road,
Bengaluru-560068 has done Internship "A Study on Organizational
Study" at Karnataka Soaps & Detergents Limited Bengaluru-560055, from:
02.07.2018 to 30.07.2018.

During his Internship on our Company, we found his Character & Conduct are Good.

We wish his success in Life and Career.

ASST.GENERAL MANAGER)
[Human Resource & Development]

Kamataka Seaps & Detergents Limited # 27, Industrial Suburb, Bengaturu-Pune Highway, Rajaijinagar, Bengaturu-560 055



ORGANIZATIONAL STUDY

This is to certify that Mrs. Neha Chandra student of THE OXFORD COLLEGE OF ENGINEERING Bangalore. USN No 10Y17MBA16 has undertaken the internship in organizational study with Decathlon Sports India Pvt Ltd, Bommasandra Bangalore from 1st July 2018 to 30th July 2018.

We wish her all the best for her future endeavors.

DECATHLON SPORTS INDIA PVT. LTD.

Survey No. 78/10, A2 0-Chikkajala Village, Bellary Road, Bangalore 562157 Mobile: +91 - 7676798989, www.decathlon.in CIN: U72200KA2004FTC033858

INTERNSHIP CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that MR. NITHIN KUMAR H D (Reg No. 10Y17MBA17) MBA student of "THE OXFORD COLLEGE OF ENGINEERING", Bangalore, has successfully completed his internship training on the subject titled "Study of an organization" at Sri Raghavendra Industries, Bangalore, from 2ndJuly 2018 to 28thJuly 2018.

He has exhibited a high level of enthusiasm and commitment in his work on completion of the internship, he also association with us was very fruitful, he has submitted a written report of the above studies.

We wish him all the best for his future Endeavours.

Regards *

Sri Raghavendra Industries No.A366, 6th Cross, 1st Stage Peenya Industrial Estate, Bangalore - 560 058

Email: srimanchala@yahoo.co.in

Website: www.raghavendrasystems.com



JULY 23, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms POOJA MS bearing Register Number 10Y17MBA19 of THE OXFORD COLLEGE OF ENGINERING BANGALORE. Was engaged with TATA CONSULTANCY SERVICES LIMITED and has completed her internship in the Subject of the organizational study from 25/June/2018 to 21/July/2018.

With kind regards, Yours sincerely,

For Tata Consultancy Services Limited

Divya Srinivasmurthy

Human Resource Department

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited

TCS House Raveline Street 21 D S Marg Fort Mumbai 400 00 1 India
Tel 91 22 67789999 Fax 912267789000 e-mail corporate.office@tcs.com website www.tcs.com
Registered Office 9th Floor Nirmal Building Nariman Point Mumbai 400 021

Fax No.: 0816-2261787

email: tumkurdccb@gmail.com



THE TUMKUR DIST. CO-OP. CENTRAL BANK LTD., TUMKUR

Town Police Station Road, TUMKUR-572 101. (Karnataka)

ತುಮಕೂರು ಜಲ್ಲಾ ಸಹಕಾರ ಕೇಂದ್ರ ಬ್ಯಾಂಕ್ ನಿ.,

ನಗರ ಪೊಲೀಸ್ ಠಾಣೆ ರಸ್ತೆ , ತುಮಕೂರು-೫೭೨೧೦೧. (ಕರ್ನಾಟಕ)

Ref No. 2018/2019 TUCC 13ank Ltd.

Date: 03/08/2018

To whom it may concern

This is the certificate that Mr. Prashatnh BS student of "The Oxford College of Engineering studying in MBA 3rd semester attend this is a business unit for four week from 01 July 2018 for a internship training and for the partial fulfillment of his MBA Programme. He was assigned the topic "organization Structure of D.C.C. Bank" to carry out his studies.

During this period he attend the business Unit with full Zeal and remained active in all the actives assigned to him. The Project is purely based on his own study which he has study which carried out under our instruction and proper Guidance

He is very hardworking and enthusiastic. His overall performance remained praiseworthy.

We wish him best of luck and a bright future

Tumkur Dist. Co-op. Central Bank Ltd. KUNIGAL Branch

> Manager D.C.C Bank Ltd **Kunigal Branch Tumkur Dist**

KILASSIC PACKAGING INDUSTRY

#33/1,8th main, behind nirmals Jyothi school, Yeshvanthpur,Bangatore - 022

HR/PROJ/2018/3031-JULY-2018

CERTIFICATE

This to certify that Mr.PRARTHAN J.L bearing USN 10Y17MBA21, MBA student of THE OXFORD COLLEGE ENGINEERING, has undergone his project work on "Organisation Study" at KLASSIC PACKAGING INDUSTRY(CORPORATE OFFICE)yeshvanthpur Industrial Area Bengaluru from 25th June to 21st July 2018.

During this period his performance and conduct was good.

For KLASSIC PACKAGING INDUSTRY

K.KISHORE

Assistant Manager-Human Resource

Klassic Packaging Industry
No. 33/1, 8" Wain Read to
(Behind Minnata System Range of
K.M.Extension Youth Value of
BAUGALORE 500 022.
Ph: 41140493 / 94

medopharm

0000000000000

HEAD OFFICE P.B.No. 2353, No. 25, Puliyur 2nd Main Road, Trustpuram, Kodambakkam, CHENNAI-600 024 Phone: +9144 30149999; Fax: +91 44 30149989

Website: http://www.medopharm.com



No.: 34 B, Industrial Area, MALUR-563 160

Kolar Dist KARNATAKA Phone: +018151-232307

Email: mmalur@gmail.com

Date: 30.07.2018

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Rajendra.R USN No: - 10Y17MBA22 Student from The Oxford College of Engineering Bangalore-560067 has undergone Project Work in our Organization from: - 25-06-2018 to 25-07-2018.

He has done his Project with respect to a study on "ORGANIZATION STUDY" at MALUR.

During his Project period, He was found to be hard Working, Sincere.

We wish him all the best.

FOR MEDOPHARM

Authorized Signatory



Ref: WPL/HR/2018-19

July 31, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rajesh Kumar R,** USN. 10Y17MBA23 doing his MBA (III Semester) from The Oxford College of Engineering, Bangalore has undergone an Internship in Human Resources department with us from 2-July-18 to 31-July-18.

During his tenure with us, we found him to be sincere and honest.

We wish him all the best in his future endeavors.

For Wevin Private Limited

Kalarani M

Chief Manager - HR

Wevin Private Limited

(formerly Webb India Pvi. Ltd.)

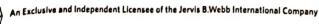
Regd. Office: 143-E Bommasandra Industrial Area Phase I & II Bangalore 560099, India.

Regd. Office: 143-E Bommasandra Industrial Area Phase I & II Bangalore 560099, India.

Regd. Office: 143-E Bit 100, 1810 304 740 E Info@wevin.in

Www.wevin.co.in

OIN: U31909KA1994PTC015126 An ISO 9001 company





DE MAN MAN DESTRUMENTAL!

Date: 34 87 2418

Certificate

This is the county that Mr. Roland B K, UNIVAD TOTTEMBLES analous of THE OLFORD COLLECT OF ENGLISHERSING, Thromoreus Thebrodogical University, has comprised his internality Project with reference to S.D. Edwardsing Pet Led Rom 02.0227015 to 20.022015

This recent of independent recently work country out under the guidance and supervision of Mrs. Commerci -Manager H.C.C. Admin.

During the period of his accordance, we should his periference to be good and with him all the best should exclude a section on the section of the section o

Fix S.K. Enterprises De LAL

Sheered

(Imaderi S

Stanger, J. NH versual

Sun-Sip®

SUN-SIP AGRO PROCESSOR

Chintamani Road, Near Mango Market, Srinivasapura - Taluk, Kolar Dist – 563101

01.08.2018 Srinivaspura

CERTIFICATE

This is to certify that RANJITH B L (USN NO: 10Y17MBA26) studying M.B.A. in VTU at The Oxford College Of Engineering, has successfully completed his internship (Report on internship Study) at Sunsip Agro Processor, Srinivaspura.

During his period of project work beginning from 25th June 2018 till 27th July 2018, He has been very observant and sincere in his approach towards completing the project successfully.

We wish him all the best for a very bright future.

For Sunsip Agro Processor



ಶ್ರೀನಿಧಿ ಸೌಹಾರ್ದ ಸಹಕಾರಿ ಬ್ಯಾಂಕ್ ವಿಯಮಿತ

Sreenidhi Souharda Sahakari Bank Niyamitha Administrative Office & V.V Puram Branch

No. 113, R.V Road, Vishveshwarapuram, Bangalore-560004.

Tel :080-2242 9151, 2241 0151 Emsil:ssbn/gsreenidhibank.com web:-www.sreenidhibank.com

888BN/BHM/CERT/25/2018-19

Date > 20-08-2018

TOWHOM SOEVER IT MAY CONCERN

This is to certify that Ms. RANJITHA.G, USN No. 10Y17MBA27, student of THE OXFORD COLLEGE OF ENGINEERING, Bommanahalli, Bangalore, Visvesvaraya Technological University, Bangalore, has undergone internship programme work in our organization. The Branch Bommanahalli during the period of 4 Weeks from 03-07-2018 to 31-07-2018 in partial fulfilment for the completion of her internship course. While doing her intership programme, we found her sincere, discipline and hard working.

We wish her all success in her future endeavour.

To,
Ms. RANJITHA G
THE OXFORD COLLEGE OF ENGINEERING,
Hosur Road, Bommanahalli, Bangalore,
Visvesvaraya Technological University,
Bangalore-560 100.

Yours truly

1/50/02/18

Medenet Analytics India Private Limited (Medenet



CIN:U72400KA2014FTC074820

Date 20-09-2018

To whom it may concern:

This is to certify that Ms. Rashmi V N (USN Roll No: 10Y17MBA28) MBA Student of the Oxford College Of Enginnering (Bangalore), has done her project in our company during the period from 25th June 2018 to 21st July 2018

During her tenure with us as project trainee, she has undertaken the assignment on Organizational Study At Medenet Analytics India Pvt Ltd with the During the above period, she has evinced keen interest and her conduct and character were found to be good.

We wish all the success in her future endeavors.

For Medenet Analytics India Pvt Ltd

Authorised Sign



ಕರ್ನಾಟಕ ಸಾಬೂನು ಮತ್ತು ಮಾರ್ಜಕ ನಿಯಮಿತ, ಬೆಂಗಳೂರು-55

KARNATAKA SOAPS AND DETERGENTS LTD, BANGALORE-55

KSDL: ADMIN: 342

Date: 01/08/2018

CERTIFICATE

This is to certify that Mr. Riyaz ur Rehman (USN: 10Y17MBA30) student of 2nd semester MBA "The Oxford College Of Engineering, Bangalore" has successfully completed his project of "Organization Study" in our organization from 25/06/2018 to 27/07/2018 during the project period his conduct and character was satisfactory.

We wish all the best in his future endeavors

For Karnataka soaps and detergents Itd

HR MANAGER

KARNATAKA SOAPS AND DETERGENTS LTD. Near ISCON Temple, Mahalakshmi Layout, Bangalore - 560 055, Karnataka

KLN ENGINEERING PRODUCTS PVT. LTD.

MFRS. OF FILTERS & MUFFLERS FOR AUTOMOTIVE & INDUSTRIAL APPLICATIONS



24th July 2018

CERTIFICATE

This is to certify that Mr. Sanjay K (USN.No.10Y17MBA31) student of The Oxford Collage of Engineering Bangalore, affiliated to Visvesvaraya Technological University Belgaum, had undertaken internship at our organization on the project entitled "Organization Study at KLN Engineering Products Private Limited" during the period from 25th June 2018 to 24th July 2018.

The internship has been completed successfully to our satisfaction and his conduct during the tenure of the internship was good.

Mr. Sanjay K, took an active interest in the project and has been found to have a systematic and disciplined approach.

We wish his all the best in making a bright career in future.

Thanking you,

Yours faithfully,

For KLN Engineering Products Pvt. Ltd.

Syed Saleem Tech-Head

Office & Works; Near TVS Motors, Estate Road, Ballur Village, Mayasandra Post, Attibele Hobli, Anekal Taluk, Bengaluru - 562 107 Tel: 91 80-27844852 / 27821033 E-mail: atbaccounts@kinengineering.com, kinbir@kinengineering.com / Website: www.kinengineering.com

Regd. Office: F-56, Industrial Estate, Rajajinagara, Bengaluru - 560 010 INDIA Tel.: (Off) 080-23407946, 23303011 Fax: 080-23148231 E-mail: kinbir@kinengineering.com / kinbir@dataone.in Website: www.kinengineering.com

CIN No.: U28939KA1972PTC002233

SUNIL AGRO FOODS LIMITED



26th July 2018

CERTIFICATE

This is to certify that Mr.SANTHOSH M.R,MBA student 01,THE OXFORD COLLEGE OF ENGINEERING, has successfully completed his Internship Report work on the title of "Organizational Study" in our organization from the period of 4 weeks respectively. During his study in our organization, his character has found to be satisfactory.

We wish him all the best in his future.

H.R. Manager

(RAM KUMAR)

Plot No: 39/A 2 and 4-C, Industrial Area, Chokkahally, Hosakote, Bangalore, Karnataka-562114, INDIA. Phone Number +91 80 27971371, 9844780759; Fax: +91 80 27971538; Website: www.sunilagro.in, E-mail:info@sunilagro.in



Date: 25th July, 2018 Location: Bangalore

TO WHOMSOEVER IT MAY CONCERN

Certificate of Internship Completion

This is to certify that Sathish B has successfully completed an internship with us in the domain of "Digital Content Development" for a duration of One Month, from 25th June, 2018 to 25th July, 2018 at GetMyUni.com.

The work he did entailed the following key areas:

- 1. Web Content Writing
- 2. Web Development
- 3. Search Engine Optimization (SEO)

This internship has enriched him with a better understanding of the demographics, behavior and preferences of our user base, and has helped us strengthen our core offerings.

He was exceptional at his work and he would be an asset to whichever company he works for. We wish him good luck and success in all his future endeavors.

For GetMyUni Education Services Pvt. Ltd.

JION SE

Authorized Signatory

Ms. Juhaina Javed DELHI

HR & Talent Acabisition Manager

GetMyUni.com

Email: juhaina.javed@getmyuni.com

Bangalore Address: 2nd Floor, #7,6th Cross, Chikka Adugodi, Tavarekere Main Road, Brindavan Nagar, Suddagunte Palya, Benguluru, Karnataka 560029

Registered Address: Flat No.-1002, Best Residency, Plot No.-1, Sector-19-B, Dwarka, New Delhi - 110075



TO WHOM IT MAY CONCERN

This is to certify that Mr. SATHISH GOWDA T N being USN 10Y17MBA34, MBA student of THE OXFORD COLLEGE OF ENGINEERING , has successfully completed four weeks from 25^{th} June 2018 to 21^{ST} JULY 2018 LONG internship at MY PLANT MY TASTE . COM

During the period of his intern ship program with us he had been exposed to different process was found punctual, hardworking and inquisitive. We wish him every success in his life and career

Thank you,

7777777777

Anil Kumar G Sr. Marketing Manager

MY PLANT N PASIE,





Date: 25/6/2018

CERTIFICATE

This letter of appreciation is to certify that the student by name Mr.SHAILESH, D. Student bearing register No.10Y17MBA36 of oxford college of Engineering (MBA), Has successfully completed his project internship in our organization for the period of 4weels starting from 25th june till july 26th 2018. During the period of his internship Programmer with us he was found punctual, hardworking and inquisitive.

We wish him all the success in his future endeavours.

Thanks & Regards

Authorised Signatory

Manger

GATI KWE LIMITED

SUNSIP AGRO PROCESSORS



Date: 26/07/2018 Place: Srinivaspur

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that, Ms. Shaini M N bearing Register number USN 10Y17MBA37 a student of THE OXFORD COLLEGE OF ENGINEERING-Bommanahalli. She has completed her internship titled." An Organization study at Sunsip Agro Processors, Srinivaspur from 27th June 2018 to 25th July 2018.

We wish her all the very best.

Best Regards,

Authorized Signatory &



TENNECO AUTOMOTIVE INDIA PVT. LTD.

Registered Office: No.122, SIPCOT Industrial Complex, Hosur - 635-126, Krishnagiri Di., Tamil Nadu, INDIA.

Tel: +91-4344-305500, 501, Fax: +91-4344-305502

Web: www.tenneco.com, Corporate ID Number: U34300TZ1998PTC015231

31st July 2018

CERTIFICATE

This is to certify that Ms.SHALINI.S (Regn. NO .10Y17MBA38) First year MBA Student of Oxford college of Engineering Bommanahalli, Affiliated to VTU has successfully Completed her project on "ORGANIAZATION STUDY" during the period from 02.07.2018 to 31.07.2018. During Her project period she was found to be very sincere and enthusiastic and her Conduct was GOOD.

We wish her the very best in all her future endeavours.

For TENNECO AUTOMOTIVE INDIA PVT. LTD.,

S.MURUGAVEL,

Manager-Human Resource









#30, 3rd Cross, Ramakrishna Reddy Layout, Mahadevapura Main Road, Bangalore-560048 Mobile: +91 8884968848 Email: excelengineer@yahou.com

10 August 2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shilpa Yadav GS, USN: 10Y17MBA39 MBA student of "The Oxford College Of Engineering" – Bangalore, has successfully completed her internship at Excel Engineers for a period of 4 weeks from 9th July 2018 to 3th August 2018.

During this period she has shown keen interest and her behaviour while survey regarding the project work was good.

We wish her a bright future and success in her future and future endeavours.

Tilla

SNEHA S (Manager)

Excel Engineers

Mo 30,3rd Cross Rar Takrishna Reddy
Le rout, Mahadevap. Ta Main Road,
BANGALORE 560048
Tele 1: 080-28517345, Mc 18: 4968848
E-timail: excelengineer@julico.com

P³ Architectural Solutions



Date:

CERTIFICATE

This is to certify that Mr. Shivarajkumar R of the student of MBA USN 10Y17MBA40 The oxford college of engineering, Bommanahalli, has done Internship "A Study on Organizational Study" at P3 Architectural Solutions Bangalore.

From: 02-07-2018 to 30-07-2018.

During the period of his Internship Program with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

REGIONAL MANAGER

P3 Architectural Solutions



DKMI



ದಕ್ಷಿಣ ಕನ್ನಡ ಸಹಕಾರಿ ಹಾಲು ಉತ್ಪಾದಕರ ಒಕ್ಕೂಬ ನಿಯಮಿತ, ಮಂಗಳೂರು – 575 005 Dakshina Kannada Co-operative Milk Producers' Union Limited REG.NO.J,R.M./1/JMC/86-87 DT.8-5-86

ನಂದಿನಿ

No: DKMU/ADMN/3188/2018-19

Date: 02-08-2018

CERTIFICATE

This is to certify that Ms.Shreya D Rao student of The Oxford College of Engineering, Bangalore has undertaken Internship work on "Organizational Study" with reference to Dakshina Kannada Milk Union Limited, Mangalore from 25-06-2018 to 21-07-2018.

During the Internship Work, she has done the work sincerely. Her conduct is good.

We wish her bright future.

MANAGING DIRECTOR

D.K. CO-OP. MILK PRODUCER'S UNION LTD., MANGALORE

) ಕುಲಶೇಖರ, ಮಂಗಳೂರು - 575 005

KULSHEKAR, MANGALORE - 575 005

Phone-Admn.: 2232048, P&I: 2230042, Dairy: 2231446,

Mktg: 2230326, Fin: 2232260, Pur: 2232682,

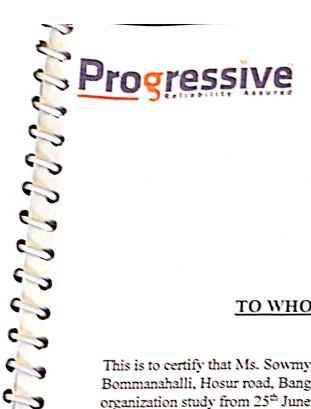
Security: 2231308, Manipal Dairy: 2570104/2575948

: 0824 - 2230029 Fax

E-mail: mddkmul@gmail.com

dkmul@sancharnet.in

Website: www.dkmul.com



Progressive Infotech (F) Ltd. C-151, Phase - II Extension Noida - 201305, INDIA Tel: +91.120.4.39.39.39 Fax: +91.120.4.39.39.22 Toll free: 1-1800-102-3535

Date: Aug 3rd, 2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Sowmya. K, a student of Oxford college of engineering, Bommanahalli, Hosur road, Bangalore-560068, has successfully Completed her internship on organization study from 25th June 2018 to 25th July 2018 in our Esteem organization Progressive Infotech Pvt ltd, Bangalore.

We wish her every success in life.



9



TO WHOMSOEVER IT MAY CONCERN

Date: 21st July2018

This is to certify that Ms. Spoorthy M (USN 10Y17MBA43) M.B.A student of The Oxford College of Engineering, Bangalore, Visveswaraya Technological University, Belgaum, had taken up internship (project work) in our Hotel from 25th Jun'2018 to 21st July'2108.

During her Internship, she has shown keen interest in interacting with the guests and has collected valid and valuable feed from the guest.

We wish her all the best for her future endeavors.

(P.N.Sripada)

Executive Director





KEMS FORGINGS LIMITED

Plot No. 8, Attibele Industrial Area, Icchangoor Village, Anekal Talin

Anekal Taluk, Bangalore - 562 107, Tel: +91-80-27820112, Fax: +91-80-27820517

GSTIN: 29AABCS8846C1Z5 CIN: U85110KA1970PLC001918

Date: 21-09-2018

TO WHOMSOEVER IT MAY CONCERN

Sub: Project completion certificate

This is to certify that MS. SRI LEKHA S(USN NO -10Y17MBA44). final year M.B.A student of THE OXFORD COLLEGE OF ENGINEERING has successfully completed her Internship On organizational study under the supervision of Mr. Raghavesha K DGM- HR & IR, at Kems forgings Ltd, Unit-2" Attibele Bangalore, 21-06-2018 to 18-07-2018

With best wishes,

For KEMS Forgings Ltd, For KEMS FORGINGS LTD. **Authorized Signatory**

Authorised Signatory

SUNDRAM PRECISION COMPONENTS LTD.



HARITA, HOSUR, TAMILNADU- 635 109, PHONE NO: +91 43442 74981/274984

EMAIL: Sundram@spcl-tvs.co.in , WEBSITE: www.spcl-tvs.com

Date: 24th of July 2018

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr Srinath M, USN 10Y17MBA45 of MBA, The Oxford College Of Engineering, Bangalore has done his internship on topic of "ORGANIZATION STUDY" from 25th June 2018 to 24th July 2018.

During the period with us, his conduct and character has been found to be satisfactory. He has obtained all necessary clearance from the company.

With best wishes,

For Sundram Precision Components Ltd

Senior officer

HR Department

Sundram Precision Components Ltd



FIRST STEPS

Date: 20th July 2018

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. Supriya S R (10Y17MBA46) a student pursuing MASTER OF BUSINESS ADMINISTRATION from OXFORD COLLEG OF ENGINEERING, Bengaluru has completed her Internship/ Project Successfully at MINIKLUB Bengaluru during the period from 25/06/2018 to 21/07/2018 as a part of her curriculum and has submitted a report titled "ORGANIZATIONAL STUDY – A STUDY AT MINIKLUB BANGALORE".

During the period of her Internship programme with us she was found Punctual, Sincere and Inquisitive.

We wish her all the very best and great success in her future endeavors.

For First Steps Babywear Pvt Ltd.,

Authorised Signatory



Date: 02/08/2018

CERTIFICATE

This is to certify that Mr. Tsentsuthung Mozhui (Reg: 10Y17MBA48) student of 2ND Semester MBA "The Oxford College Of Engineering, Bangalore" has successfully completed her project of "Organisation study" in our organization June 25th 2018 to 25th july2018. During the project period her conduct and character was satisfactory.

We wish all the best in her future endeavors.

For TULSYAN NSE LTD.

HR MANAGER

TUESYAN NEC LTD White Field, Bangalore, Kamataka - 560 088





Date: 24th July 2018

To
HOD, Dept of Business Administration,
The Oxford College of Engineering,
Bommanahalli, Hosur Road,
Bangalore – 560068

SUBJECT: INTERNSHIP CERTIFICATE

This is to certify that Ms. Ujwala P Salgudi, USN: 10Y17MBA49, a first year MBA student of The Oxford College of Engineering, Bommanahalli, Hosur road, Bengaluru, has successfully completed her internship programme from 27th June 2018 to 24th July 2018 on "Organizational Study" at our organization. During this period of her internship programme with us, her conduct was found satisfactory.

We wish her every success in life.

For Micronova Impex Pvt Ltd.,

Authorized Signatory

Regd. Office: No 43, W.A.T. Street, Basavanagudi, Bengaluru - 560 004. INDIA

Admin Office: #89/2, Gandhi Bazar MainRoad, Basavanagudi, Bengaluru - 560 004. INDIA

Ph: 080 6695 8216 / 665 8217, Fax: 080-2667 0896

E-mail: info@micronovaimpex.com Website : www.micronovaimpex.com



Karnataka Power Corporation Limited ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತ

(A Govt. of Karnataka undertaking) CIN: U85110KA1970SGC001919

Registered Office: No.82, Shakthi Bhavan, Race Course Road, Bengaluru – 560 001 EPABX No: 080 -22235525-29 Web Site: www.karnatakapower.com

KPCL

Palace Rd, High Grounds, Sampangi Rama Nagar, Bengaluru, Kamataka 560001

KPCL

C

22/23, Seshadri Road Complex, Near-Anand Rao Circle, Gandhi Nagar, Bengaluru, Karnataka 560009

KPCL Bidadi power corporation Pvt. Ltd.

Banandur, Kamataka 562109

Karnataka
Power
Transmission
Corporation
Limited Sub
Station

St. John Wood, Tavarekere Main Road, Sadduguntepalya, Bengaluru, Kamataka 560029

Karnataka Power Transmission Corporation-KPTCL

66/11 KV, Muss, KPTCL, Near Post Office, Chandra Layout, 2nd Cross Road, Attiguppe, Bengaluru, Kamataka 560040 RM/45-H/201

31.07.2018

CERTIFICATE

This is to certify that Ms. Uzma (10Y17MBA50) a student pursuing MASTER OF BUSINESS ADMINISTRATION from THE OXFORD COLLEGE OF ENGINEERING, Bengaluru has completed her Internship/Project successfully at KPCL Ltd. Bengaluru, during the Period from 25th June 2018 to 21th July 2018 as a part of her curriculum and has submitted a report titled "ORGANISATION STUDY AT KPCL Ltd".

During the above period, we have found her to be diligent and honest in her work and we wish her all success in her future endeavours.

For KPCL Ltd., Bengaluru,

(KABEER ANNIED KHAN)

H R Asst. Manager





21.07.2018

CERTIFICATE

This is to certify that Ms. Vaishnavi H.V., (USN:10Y17MBA51), MBA, III Semester, Student of The Oxford College of Engineering, Bangalore, affiliated to Visvesvaraya Technological University, Belagavi, has successfully completed the Internship at Grasim Industries Limited, Kumarapatnam, from 25.06.2018 to 21.07.2018.

During this period, we have found her to be sincere and hard working. She was regular and her performance was very good.

We wish her good luck in her future endeavors.

For GRASIM INDUSTRIES LIMITED

SUDARSHANA RAO R GENERAL MANAGER-HR



Grasim Industries Limited



CIN: U74999KA2017PTC105848 4063 Salisbury Rd, Jacksonville

FL 32216 · United States

MORTGAGESHAFT SERVICE PRIVATE LIMITED

PH: 1800-420-6384 | Accounting@Mortgageshaft.com / http://www.Mortgageshaft.com

Date: 22-JULY-2018

Authorized Signatory: Dheeraj Shanbhag Title: Director of Business Services MortgageShaft Services Private Limited 4063 Salisbury Road, Jacksonville FL – 32216 / United States

India Regional Office: No.405 S.R Layout, Wind tunnel Road Murgeshpalya Bangalore 560017

Dear Recipient

This is to certify that Ms.vani shree bk bearing Register Number 10Y17MBA52 of THE OXFORD COLLEGE OF ENGINERING BANGALORE has completed her internship in the subject of organizational study with us from 25/06/2018 to 21/07/2018, during the period of her internship we found her qualities to be meeting the standards of a management trainee and the level of commitment demonstrated on the assigned tasks have been praiseworthy, on behalf of the management of MortgageShaft services we wish her success in her future endeavors

Sincerely,

Dheeraj Shanbhag MortgageShaft Service Private Limited



No. C-2, Manyata Embassy Business Park, Rachenahalli, Outer Ring Road, MS Ramaiah North City, Nagavara, Bengaluru, Karnataka 560045

Ref: TARGET/SCR/HR/2018

Date: 21/07/2018

TO WHOMSEVER IT MAY CONCERN

This is to certify that Mr. VISHWAJITH R bearing USN 10Y17MBA54 Third Semester MBA student of The Oxford College of the Engineering, affiliated with Visvesvaraya Technological University. He has successfully completed his project on "Organisation Study" from 25th June 2018 to 21st July 2018. During this period his conduct and behaviour was good.

This certificate is issued for the partial fulfilment of his academics only. We wish all the success in his future endeavours.

For Target Corporation India Ltd., Bengaluru,

(VALENTINA ALBERTO)

H R Manager

TARGET CORPORATION INDIA LTD.

Manyata Emborsy Business Park

Bengaluru - 560045

Head office: 900 Nicollet Mall, Minneapolis, MN 55403, USA Phone: +1 612-338-0085

Bommanahalli, Hosur Road, Bengaluru, Karnataka 560068 www.theoxford.edu

Department of Master of Computer Applications

CERTIFICATE



This is to certify that the Internship work entitled

PYTHON AND SQL PROGRAMMING LANGUAGE

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

MASTER OF COMPUTER APPLICATIONS

0f Visvesvaraya Technological University, Belgaum, Karnataka Is a result of the bonafide work carried out

By

BHISHMA PRATAP GUPTA 10X16MCA03

During the academic year 2018-2019

Prof. Dharamvir

Dept. Of MCA

TOCE.

Signature HQD

Dr. M S Shashidhara

Dept.Of MCA

Bommanahalli, Hosur Road, Bengaluru, Karnataka 560068 www.theoxford.edu

Department of Master of Computer Applications

CERTIFICATE



This is to certify that the Internship work entitled

PYTHON WITH MACHINE LEARNING

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

MASTER OF COMPUTER APPLICATIONS

Of.

Visvesvaraya Technological University, Belgaum, Karnataka Is a result of the bonafide work carried out

By

CHAITRA BAGODI **10X16MCA05**

During the academic year 2018-2018

Guide Signature Mrs.Ushasree R Dept. Of MCA TOCE.

Signature of HOD Dr. M S Shashidhara Dept. of MCA

Bommanahalli, Hosur Road, Bengaluru, Karnataka 560068 www.theoxford.edu

Department of Master of Computer Applications

CERTIFICATE



This is to certify that the Internship work entitled

Java Programming & MySql

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

MASTER OF COMPUTER APPLICATIONS

Of

Visvesvaraya Technological University, Belgaum, Karnataka Is a result of the bonafide work carried out

By

GANDLAPARTHY KESHAVAREDDY 10X16MCA07

During the academic year 2018-2019

Guide Signature

Prof. Dharamvir

Dept. Of MCA

TOCE

Signature of HOD

Dr. MS Shashidhara

Dept. of MCA

Bommanahalli, Hosur Road, Bengaluru, Karnataka 560068

www.theoxford.edu

Department of Master of Computer Applications

CERTIFICATE



This is to certify that the Internship work entitled

.NET &MYSQL

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

MASTER OF COMPUTER APPLICATIONS Of

Visvesvaraya Technological University, Belgaum, Karnataka Is a result of the bonafide work carried out

By

SOMESH V 10X16MCA22

During the academic year 2018-2019

Guide & Signature of HOD
Dr. M S Shashidhara
Dept. of MCA
TOCE

Bommanahalli, Hosur Road, Bengaluru, Karnataka 560068 www.theoxford.edu

Department of Master of Computer Applications CERTIFICATE



This is to certify that the Internship work entitled

PYTHON

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

MASTER OF COMPUTER APPLICATIONS

Of

Visvesvaraya Technological University, Belgaum, Karnataka Is a result of the bonafide work carried out

By

NAME: AMIR GANI BHAT USN:10X17MCA73

During the academic year 2018-2019

Guide Signature:

Prof. Dhramvir

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

MASTER OF COMPUTER APPLICATIONS

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