

DEPARTMENT OF ELECTRONICS AND **COMMUNICATION ENGINEERING**

1.3.2

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PROJECT BATCH LIST 2021-22

2018 SCHEME

SL NO	STUDENT NAME	USN	TITLE	GUIDE
1	FATHIMA BUSHRA	4BP18EC006	FINGER PRINT DOOR	Dr.ABDULLAH GUBBI
	KHATHIJA ISHRATH	4BP18EC012	ACCESS SYSTEM USING	
	SUSHMITHA	4BP18EC016	RASPBERRY PI	
2	YAMANAPPA	4BP18EC005	GARBAGE MONITORING AND SEGREGATION SYSTEM	Prof. NITHIN
	IHITHISHAMUDEE N	4BP18EC010		
	DHANUSH S K	4BP18EC018		
3	MINHAJ ABBAS	4BP18EC009	REAL TIME FUEL TIME MONITORING AND THEFT DETECTION	Prof.ABDUL JABBAR
	ISMAIL SAWAD	4BP18EC011		
	MUHAMMED SIYAD P	4BP18EC015		
	HABEEB RAHIMAN	4BP18EC014		
4	SUSHMITHA K	4BP18EC017	ONLINE SYSTEM FOR MONITORING WATER QUALITY, TURBIDITY AND MANAGING PIPELINE NETWORKS	Prof.RASHMI A V
	B RESHMI	4BP18EC004		
	MANEESHA	4BP18EC013		
	FATHIMATH HASEEBA	4BP18EC007		
5	AMINA LIFAM	4BP18EC001	FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM USING ARDUINO	Prof.MUBEENA PERVEEN TAJ
	ANUMOL JOSEPH	4BP18EC002		
	AYSHATH SAFURA K	4BP18EC003		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROJECT BATCH LIST 2021-22

2017 SCHEME

SL NO	STUDENT NAME	USN	TITLE	GUIDE
1	KHATHIJA NASEELA	4BP17EC010	FINGER PRINT DOOR ACCESS SYSTEM USING RASPBERRY PI	Dr.ABDULLAH GUBBI

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDUSTRIAL VISIT (IV)-2021-22

**Industry: Continental Automotive Components (India) Private
Limited**

Sl.No	USN	NAME
1	4BP18EC001	AMINA LIFAM
2	4BP18EC002	ANMOL JOSEPH
3	4BP18EC003	AYSHATH SAFURA K
4	4BP18EC004	B RESHMI
5	4BP18EC005	DHANUSH S K
6	4BP18EC007	FATHIMA BUSHRA
7	4BP18EC007	FATHIMATH HASEEBA
8	4BP18EC009	HABEEB RAHIMAN
9	4BP18EC010	IHITHISHAMUDDE EN G H
10	4BP18EC011	ISMAIL SAWAD
11	4BP18EC012	KHATHIJA ISHRATH

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12	4BP18EC013	MANEESHA
13	4BP18EC014	MINHAJ ABBAS
14	4BP18EC015	MUHAMMED SIYAD P
15	4BP18EC016	SUSHMITHA
16	4BP18EC017	SUSHMITHA K
17	4BP18EC018	YAMANAPPA CHANDRAPPA GONYALA



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INTERNSHIP BATCH: 2021-22

Sl.No.	USN	STUDENTS NAME	TITLE
1	4BP19EC002 4BP19EC004 4BP19EC007	AISHWARYA KALAL BHAGYASHREE GOUDAR KAVERI	TECH GRAYLOGIX
4	4BP19EC009 4BP19EC016	MATEEN BAGAWAN SHEIKH MOHAMMED AFTHAZ	DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEM AND IOT
3	4BP19EC010 4BP19EC017 4BP19EC012 4BP19EC013	MAHIN BANU A VATHARAD SUMANGALA KATTIMANI PRATIBA RENUKA HGONDI	TECH GRAYLOGIX
4	4BP19EC014 4BP19EC018 4BP19EC015	SALEEK ISHAAN UZAIR AHMED SHAIK ABRAR	DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEM AND IOT

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MINIPROJECT BATCH: 2021-22

Sl.No.	USN	STUDENTS NAME	NAME OF MINIPROJECT	GUIDE NAME
1	4BP19EC002 4BP19EC007 4BP19EC013 4BP19EC017	AISHWARYA KALAL KAVERI BASARAKOD RENUKA HGONDI SUMANGALA KATTIMANI	IOT BASED PATIENT HEALTH MONITORING SYSTEM USING ESP8266 AND ARDUINO UNO	Prof. NITHIN
2	4BP19EC004 4BP19EC010 4BP19EC012	BHAGYASHREE GOUDAR MAHIN BANU A VATHARAD PRATIBA BASARKOD	AUTOMATIC ROOM LIGHT CONTROLLER USING PIR SENSOR	Prof. MUBEENA PERVEEN TAJ
3	4BP19EC009 4BP19EC018 4BP17EC001	MATEEN BAGAWAN UZAIR AHMED ABDUL ADIL	WEIGHING MACHINE USING ARDUINO LOAD CELL&HX711 MODULE	Prof. ABDUL JABBAR H
4	4BP19EC014 4BP19EC015 4BP19EC016	SALEEK ISHAAN SHAIK ABRAR SHEIKH MOHAMMED AFTHAZ	PROTOTYPE RADAR	Dr. ABDULLAH GUBBI

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the mini project work entitled “**IOT BASED HEALTH MONITORING SYSTEM USING ESP8266 AND ARDUINO UNO**” is a bonafide work carried out by **Aishwarya Kalal, Kaveri Basarakod, Renuka H Gondi and Sumangala Kattimani** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of guide
Prof. Nithin

Signature of HOD
Dr. Abdullah Gubbi

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CERTIFICATE

Certified that the mini project work entitled “**Weighing Machine using Arduino Load Cell & HX711 Module**” is a bonafide work carried out by **Mahammad Mateen, Uzair Ahmed and Abdul Adil** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Prof. Abdul Jabbar H

Signature of the HOD

Dr. Abdullah Gubbi

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Signature of the guide

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Signature of the guide
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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CERTIFICATE

Certified that the mini project work entitled “**IOT BASED HEALTH MONITORING SYSTEM USING ESP8266 AND ARDUINO UNO**” is a bonafide work carried out by **Aishwarya Kalal, Kaveri Basarakod, Renuka H Gondi and Sumangala Kattimani** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A PROJECT REPORT ON

“FINGERPRINT DOOR ACCESS SYTEM USING RASPBERRY PI”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

FATHIMA BUSHRA

4BP18EC006

KHATHIJA ISHRATH

4BP18EC012

SUSHMITHA

4BP18EC016

Under the guidance of

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Department of Electronics and Communication Engineering



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Certified that the project work entitled “**FINGERPRINT DOOR ACCESS SYSTEM USING RASPBERRY PI**” is a bonafide work carried out by **Fathima Bushra,khathija Ishrath,Sushmitha** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Signature of the HOD

Signature of the principal

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A PROJECT REPORT ON

"FINGERPRINT ACCESS DOOR LOCK SYTEM USING RASPBERRY PI"

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

KHATHEEJA NASEELA

4BP17EC010

Under the guidance of

Dr. ABDULLAH GUBBI

HOD, Dept of ECE.

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Certified that the project work entitled “**FINGERPRINT ACCESS DOOR LOCK SYSTEM USING RASPBERRY PI**” is a bonafide work carried out by **Khatheeja Naseela** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

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Signature of the principal

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A Project Report

On

“FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year 2021-2022

Submitted by

AMINA LIFAM

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Associate Professor



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2021-2022

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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24/04/22

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30/6/22

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30/6/22

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A PROJECT REPORT ON

**“REAL TIME FUEL MONITORING AND THEFT
DETECTION SYSTEM USING IOT”**

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

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Department of Electronics and Communication Engineering



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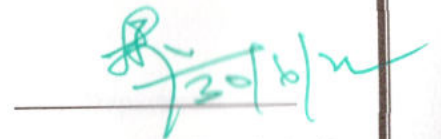
Certified that the project work entitled "REAL TIME FUEL MONITORING AND THEFT DETECTION SYSTEM USING IOT" is a bonafide work carried out by **Habeeb Rahiman, Ismail Sawad, Minhaj Abbas, Muhammed Siyad** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


24/6/22

Signature of the guide


24/06/22

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24/6/22

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2021-2022

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Manj Basha
24/6/22

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A Project Report

On

“FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year 2021-2022

Submitted by

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Under the guidance of

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Associate Professor



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A Project Report On

“GARBAGE SEGREGATION AND MONITORING SYSTEM”

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

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For the academic year

2021-2022

Submitted by

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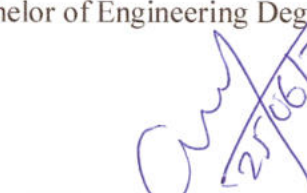
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of Technology
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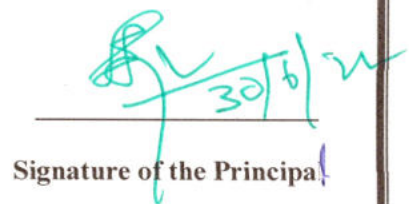


CERTIFICATE

Certified that the project work entitled “**GARBAGE SEGREGATION AND MONITORING SYSTEM**” is a bonafide work carried out by **Yamanappa Chandrappa Gonayala, Jhtishamuddeen , Dhanush S K** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


Signature of the guide


Signature of the HOD


Signature of the Principal

EXTERNAL VIVA

Name of the examiners

Signature with date

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:25:35 +05'30'

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
BEARYS INSTITUTE OF TECHNOLOGY
Lands' End, Innoli, Mangaluru-574153, Karnataka**



**Bearys
Institute
of Technology**
MANGALORE

CERTIFICATE

Certified that the Internship on **“MACHINE LEARNING USING PYTHON”** of a bonafide work carried out by **Ms. FATHIMA BUSHRA (USN:4BP18EC006)** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year 2021-2022. 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.

Submitted by

FATHIMA BUSHRA

4BP18EC006

Signature of HOD

Signature of Coordinator

Signature of Principal

EXTERNAL VIVA

Name of Examiners

1. _____

2. _____

Signature with Date

1. _____

2. _____

**Manjur
Basha Sheikh
Ibrahim**

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Sheik Ibrahim
Date: 2023.08.08
11:25:56 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590014



An
Internship Report On

“MACHINE LEARNING USING PYTHON”

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

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION ENGINEERING**

For the academic year
2021 - 2022

Submitted by

FATHIMA BUSHRA- 4BP18EC006

Internship Coordinated By

Prof. NITHIN

Assistant Professor

Department of Electronics and communication Engineering



Bearys
**Institute
of Technology**
MANGALORE

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
BEARYS INSTITUTE OF TECHNOLOGY**

LANDS END, INNOLI, MANGALURU – 574153

2021-2022

Manjur
Basha Sheik
Ibrahim

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Sheik Ibrahim
Date: 2023.08.08
11:26:22 +05'30

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi – 590014



An
Internship Report On
“MACHINE LEARNING USING PYTHON”

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

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year
2021 - 2022

Submitted by

FATHIMATH HASEEBA- 4BP18EC007

Internship Coordinated By

Prof. NITHIN
Assistant Professor
Department of Electronics and communication Engineering



Bearys
**Institute
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MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
BEARYS INSTITUTE OF TECHNOLOGY
LANDS END, INNOLI, MANGALURU – 574153
2021-2022

Manjur
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**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
BEARYS INSTITUTE OF TECHNOLOGY
Lands' End, Innoli, Mangaluru-574153, Karnataka**



MANGALORE

CERTIFICATE

Certified that the Internship on **"MACHINE LEARNING USING PYTHON"** of a bonafide work carried out by **Ms. FATHIMATH HASEEBA (USN:4BP18EC007)** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year 2021-2022. 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.

Submitted by

FATHIMATH HASEEBA

4BP18EC007


20/6/22

Signature of HOD


29/06/22

Signature of Coordinator


20/6/22

Signature of Principal

EXTERNAL VIVA

Name of Examiners

Signature with Date

1. _____

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Manjur Basha Sheik Ibrahim
Digitally signed by Manjur Basha Sheik Ibrahim
Date: 2023.08.08 11:28:50 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590014



An

Internship Report On

“ONLINE RESTAURANT MANAGEMENT SYSTEM”

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

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year
2021 - 2022

Submitted by

KHATHIJA ISHRATH- 4BP18EC012

Internship Coordinated By

Prof. NITHIN

Assistant Professor

Department of Electronics and communication Engineering



Bearys
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU – 574153

2021-2022

Manjur
Basha
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DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
BEARYS INSTITUTE OF TECHNOLOGY
Lands' End, Innoli, Mangaluru-574153, Karnataka




CERTIFICATE

Certified that the Internship on **“ONLINE RESTAURANT MANAGEMENT SYSTEM”** of a bonafide work carried out by **Mr. KHATHIJA ISHRATH (USN:4BP18EC012)** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year 2021-2022. 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.


Submitted by

KHATHIJA ISHRATH

4BP18EC012


Signature of HOD


Signature of Coordinator


Signature of Principal

EXTERNAL VIVA

Name of Examiners

Signature with Date

1. _____
2. _____

Manjur Basha Sheikh Ibrahim
Digitally signed by Manjur Basha Sheikh Ibrahim
Date: 2023.08.08 11:29:32 +05'30'

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi– 590014



An
Internship Report On
“PAINTING COMPANY WEBSITE”

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

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year
2021 - 2022

Submitted by

IHITHISHAMUDDEEN G H - 4BP18EC010

Internship Coordinated By

Prof. NITHIN
Assistant Professor
Department of Electronics and communication Engineering



Bearys
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
BEARYS INSTITUTE OF TECHNOLOGY
LANDS END, INNOLI, MANGALURU – 574153
2021-2022

Manjur
Basha
Sheik
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**DEPARTMENT OF ELECTRONICS AND
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BEARYS INSTITUTE OF TECHNOLOGY
Lands' End, Innoli, Mangaluru-574153, Karnataka**



CERTIFICATE

Certified that the Internship on **"PAINTING COMPANY WEBSITE"** of a bonafide work carried out by **Mr. IHITHISHAMUDEEN G H (USN:4BP18EC010)** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year 2021-2022. 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.


Submitted by

IHITHISHAMUDEEN G H

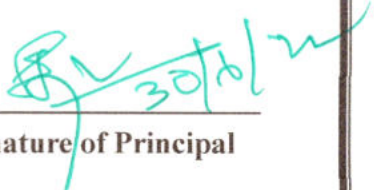
4BP18EC010



Signature of Coordinator



Signature of HOD



Signature of Principal

EXTERNAL VIVA

Name of Examiners

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:32:11 +05'30

Signature with Date

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2.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590014



An
Internship Report On
“CAR DEALER WEBSITE”

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

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION ENGINEERING**

For the academic year
2021 - 2022

Submitted by

HABEEB RAHIMAN - 4BP18EC009

Internship Coordinated By

Prof. NITHIN

Assistant Professor

Department of Electronics and communication Engineering



Bearys
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MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU – 574153

2021-2022

Manjur
Basha
Sheik
Ibrahim

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Sheik Ibrahim
Date: 2023.08.08
11:32:31 +05'30'

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
BEARYS INSTITUTE OF TECHNOLOGY**

Lands' End, Innoli, Mangaluru-574153, Karnataka



CERTIFICATE

Certified that the Internship on **"CAR DEALER WEBSITE"** of a bonafide work carried out by **Mr. HABEEB RAHIMAN (USN:4BP18EC009)** in partial fulfillment for the award of **Bachelor of Engineering in Electronics and communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year 2021-2022. 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.

Submitted by

HABEEB RAHIMAN

4BP18EC009


Signature of HOD


Signature of Coordinator


Signature of Principal

EXTERNAL VIVA

Name of Examiners

Signature with Date

1. _____

1. _____

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Manjur
Basha Sheik
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Sheik Ibrahim
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BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli(Landsend), Mangaluru- 575001

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the mini project work entitled “**IOT BASED HEALTH MONITORING SYSTEM USING ESP8266 AND ARDUINO UNO**” is a bonafide work carried out by **Aishwarya Kalal, Kaveri Basarakod, Renuka H Gondi and Sumangala Kattimani** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of guide
Prof. Nithin

Signature of HOD
Dr. Abdullah Gubbi

Signature of Principal
Dr. S I Manjur Basha

BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli (Lands end), Mangaluru – 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Bearys
Institute
of Technology
MANGALORE



CERTIFICATE

Certified that the mini project work entitled “**Weighing Machine using Arduino Load Cell & HX711 Module**” is a bonafide work carried out by **Mahammad Mateen, Uzair Ahmed and Abdul Adil** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Prof. Abdul Jabbar H

Signature of the HOD

Dr. Abdullah Gubbi

Signature of the principal

Dr. S I Manjur Basha

Manjur
Basha Sheikh
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Innoli (Lands end), Mangaluru – 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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Signature of the guide

Prof. Abdul Jabbar H

Signature of the HOD

Dr. Abdullah Gubbi

Signature of the principal

Dr. S I Manjur Basha

Manjur
Basha Sheik
Ibrahim

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Sheik Ibrahim
Date: 2023.08.08
11:34:16 +05'30'

BEARYS INSTITUTE OF TECHNOLOGY

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Innoli (Lands end), Mangaluru – 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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of Technology
MANGALORE



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Signature of the guide

Prof. Abdul Jabbar H

Signature of the HOD

Dr. Abdullah Gubbi

Signature of the principal

Dr. S I Manjur Basha

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:34:50 +05'30'

BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli(Landsend), Mangaluru- 575001

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Bearys
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of Technology
MANGALORE



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Signature of guide
Prof. Nithin

Signature of HOD
Dr. Abdullah Gubbi

Signature of Principal
Dr. S I Manjur Basha

Manjur
Basha Sheik
Ibrahim

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A PROJECT REPORT ON

“FINGERPRINT DOOR ACCESS SYTEM USING RASPBERRY PI”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

FATHIMA BUSHRA

4BP18EC006

KHATHIJA ISHRATH

4BP18EC012

SUSHMITHA

4BP18EC016

Under the guidance of

Dr Abdullah Gubbi

HOD, Dept of ECE.

Bearys Institute of Technology, Mangaluru



Bearys
Institute
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MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU-574153

Manjur
Basha
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Sheik Ibrahim
Date: 2023.08.08
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BEARYS INSTITUTE OF TECHNOLOGY

Innoli (Lands end), Mangaluru- 574153

Department of Electronics and Communication Engineering



Bearys
Institute
of Technology
MANGALORE



CERTIFICATE

Certified that the project work entitled “**FINGERPRINT DOOR ACCESS SYSTEM USING RASPBERRY PI**” is a bonafide work carried out by **Fathima Bushra, khathija Ishrath, Sushmitha** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Signature of the HOD

Signature of the principal

EXTERNAL VIVA

Name of the Examiners

1. _____
2. _____

Signature with date

Manjur Basha Sheikh Ibrahim
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Date: 2023.08.08 11:37:43 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A PROJECT REPORT ON

"FINGERPRINT ACCESS DOOR LOCK SYTEM USING RASPBERRY PI"

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

KHATHEEJA NASEELA

4BP17EC010

Under the guidance of

Dr. ABDULLAH GUBBI

HOD, Dept of ECE.

Bearys Institute of Technology, Mangaluru



Bearys
Institute
of Technology
MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU-574153

Manjur
Basha Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:38:18 +05'30'

BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli (Lands end), Mangaluru- 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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Institute
of Technology
MANGALORE



CERTIFICATE

Certified that the project work entitled “**FINGERPRINT ACCESS DOOR LOCK SYSTEM USING RASPBERRY PI**” is a bonafide work carried out by **Khatheeja Naseela** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Signature of the HOD

Signature of the principal

EXTERNAL VIVA

Name of the Examiners

Signature with date

1. _____

2. _____

Manjur Basha Sheik Ibrahim
Digitally signed by Manjur Basha Sheik Ibrahim
Date: 2023.08.08 11:38:44 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A Project Report

On

“FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year 2021-2022

Submitted by

AMINA LIFAM

4BP18EC001

ANUMOL JOSEPH

4BP18EC002

AYSHATH SAFURA K

4BP18EC003

Under the guidance of

Prof. MUBEENA PERVEEN TAJ

Associate Professor



**Bearys
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of Technology**
MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU-574153

2021-2022

Manjur
Basha Sheik
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Sheik Ibrahim
Date: 2023.08.08
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BEARYS INSTITUTE OF TECHNOLOGY

Land's End, Innoli, Mangaluru-574153

2021-2022

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Bearys
Institute
of Technology
MANGALORE

CERTIFICATE

Certified that the project work entitled "FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM" is a bonafide work carried out by **Amina Lifam, Anumol Joseph, Ayshath Safura K** in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering degree.

Qub
24/04/22

Signature of the guide

Qub
30/6/22

Signature of the H.O.D

Qub
30/6/22

Signature of the principal

EXTERNAL VIVA

Name of the Examiners

Signature with date

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:39:33 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A PROJECT REPORT ON

**“REAL TIME FUEL MONITORING AND THEFT
DETECTION SYSTEM USING IOT”**

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

HABEEB RAHIMAN

4BP18EC009

ISMAIL SAWAD

4BP18EC011

MINHAJ ABBAS

4BP18EC014

MUHAMMED SIYAD

4BP18EC015

Under the guidance of

Prof. ABDUL JABBAR H

Asst Professor, Dept of ECE.

Bearys Institute of Technology, Mangaluru



**Bearys
Institute
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MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU-574153

Manjur
Basha
Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
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BEARYS INSTITUTE OF TECHNOLOGY

Innoli (Lands end), Mangaluru- 574153

Department of Electronics and Communication Engineering



Bearys
Institute
of Technology
MANGALORE



CERTIFICATE

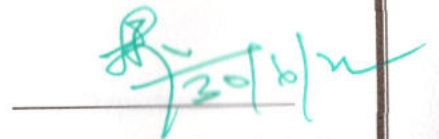
Certified that the project work entitled "REAL TIME FUEL MONITORING AND THEFT DETECTION SYSTEM USING IOT" is a bonafide work carried out by **Habeeb Rahiman, Ismail Sawad, Minhaj Abbas, Muhammed Siyad** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


24/6/22

Signature of the guide


24/06/22

Signature of the HOD


24/6/22

Signature of the principal

EXTERNAL VIVA

Name of the Examiners

1. _____

2. _____

Manjur
Basha Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:40:45 +05'30'

Signature with date

BEARYS INSTITUTE OF TECHNOLOGY

Land's End, Innoli, Mangaluru-574153

2021-2022

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Bearys
Institute
of Technology
MANGALORE

CERTIFICATE

Certified that the project work entitled “**FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM**” is a bonafide work carried out by **Amina Lifam, Anumol Joseph, Ayshath Safura K** in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering degree.

[Handwritten Signature]
24/6/22

Signature of the guide

[Handwritten Signature]
30/6/22

Signature of the H.O.D

[Handwritten Signature]
30/6/22

Signature of the principal

EXTERNAL VIVA

Name of the Examiners

Signature with date

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:41:11 +05'30'

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A Project Report

On

“FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year 2021-2022

Submitted by

AMINA LIFAM

4BP18EC001

ANUMOL JOSEPH

4BP18EC002

AYSHATH SAFURA K

4BP18EC003

Under the guidance of

Prof. MUBEENA PERVEEN TAJ

Associate Professor



Bearys
Institute
of Technology
MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BEARYS INSTITUTE OF TECHNOLOGY

LANDS END, INNOLI, MANGALURU-574153

2021-2022

Manjur
Basha Sheik
Ibrahim

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Sheik Ibrahim
Date: 2023.08.08
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



A Project Report On

“GARBAGE SEGREGATION AND MONITORING SYSTEM”

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

For the academic year

2021-2022

Submitted by

DHANUSH S K

4BP18EC005

IHITHISHAMUDDEEN

4BP18EC010

YAMANAPPA CHANDRAPPA GONYALA

4BP18EC018

Under the guidance of

Prof. Nithin

Asst Professor, Dept of ECE.

Bearys Institute of Technology, Mangaluru



Bearys
Institute
of Technology
MANGALORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BEARYS INSTITUTE OF TECHNOLOGY
LANDS END, INNOLI, MANGALURU-574153

Manjur
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Sheik Ibrahim
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11:42:08 +05'30'

BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli (Lands end), Mangaluru – 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING




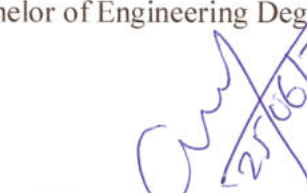
Bearys
Institute
of Technology
MANGALORE




CERTIFICATE

Certified that the project work entitled “**GARBAGE SEGREGATION AND MONITORING SYSTEM**” is a bonafide work carried out by **Yamanappa Chandrappa Gonayala, Jhtishamuddeen , Dhanush S K** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


Signature of the guide


Signature of the HOD


Signature of the Principal

EXTERNAL VIVA

Name of the examiners

Signature with date

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:42:35 +05'30'



BEARYS INSTITUTE OF TECHNOLOGY
Bearys Knowledge Campus, Lands End, Inanoli,
Near Mangalore University, Mangalore – 574153

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Industrial Visit Report at BGRT and Continental Automotive Components (India) Private Limited

A handwritten signature in black ink, appearing to be "Abdullah Gubbi".

H.O.D.
(Dr. Abdullah Gubbi)

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:43:03 +05'30'

A handwritten signature in green ink, appearing to be "Manjur Basha".

Principal
(Dr. Manjur Basha)

Content

- (1) Acknowledgement**
- (2) Purpose of Visit**
- (3) Permission Letter from College**
- (4) Conversation with industry**
- (5) Program Schedule**
- (6) Participants Details**
- (7) Company Information**
 - **BGRT**
 - **Continental Automotive Components Private Limited**
- (8) What we learnt?**
- (9) Photos**
- (10) Conclusion**

Manjur
Basha Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
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ACKNOWLEDGEMENT

We are deeply indebted to the principal **Dr.Manjur Basha**, without whose guidance and corporation tour would not been possible.

Our sincere gratitude to Head of Department **Dr. Abdullah Gubbi** for giving us Permission to go for such an Industrial visit.

We also express our sincere gratitude to **Prof. Abdul Jabbar, Prof. Mubeena Perveen Taj** who has taken a lot of efforts for getting success at each and every step and coming along with us.

We also would like to thank all student coordinators for their best support for making this visit successful.

Manjur
Basha Sheik
Ibrahim



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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:44:04 +05'30'

PURPOSE OF VISIT

Industrial visit is an integral part of Engineering and acknowledgement of technological up gradation.

The purpose of industrial visit for students is to provide technical knowledge with the technological development in the industry to understand the gap between the theoretical and practical knowledge that could be passed in future. This experience can help students to provide information regarding functioning of various industries and associated problems and limitations. Interfacing with the industry also provides a chance to build networks and hone their communication skills. Moreover, the participating organizations also gain by getting refined students from the respective Institute which could also help in improving their economy.

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Basha
Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
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PERMISSION LETTER FROM COLLEGE

28-03-2022

Mangalore

From,
Ismail Sawad (Class representative)
Mangalore
BIT, Mangalore

To,
The Principal,
BIT,
Mangalore

Subject: Requesting permission for an Industrial Visit

Respected Sir,

We the students of 7thsem, ECE engineering department of Bearys Institute of Technology, write this letter requesting your permission for an industrial visit to Bangalore from 29/03/2022to31/03/2022. This visit would help us in attaining good knowledge in ECE engineering field and also provide us a brief exposure to practical working environment. We pledge to maintain the decorum at the place and make the best use of this opportunity.

We would request you to kindly consider the matter and grant us permission for the Industrial Visit.

I assure you that all students will inform their parents and an undertaking of Industrial Visit Will be submitted to the HOD, duly signed by the students and parent on behalf of all students, further I assure you that all of us will take care of the safety precaution during the entire period of the Industrial Visit and we will abide by the instruction issued by the accompanying faculty member.

Thanking you

Yours faithfully
Ismail Sawad (Class representative)

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:45:31 +05'30'

28/03/2022

From,
Abdul Jabbar
Asst Professor
Department of Electronics and Communication
BIT Mangalore

To,
Principal
BIT Mangalore

SUBJECT: REGARDING INDUSTRIAL VISIT

As mentioned in the above subject, ECE Department decided to take 7th semester students for Industrial visit from 29/03/2022 to 31/03/2022. So it is my duty to accompany students for the same and I assure to take responsibility of students throughout the Industrial Visit.

Thanking you.

Yours sincerely,

Abdul Jabbar

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:46:09 +05'30'

28/03/2022

From,
MubeenaPerveen Taj
Associate Professor
Department of Electronics and Communication
BIT Mangalore

To,
Principal
BIT Mangalore

SUBJECT: REGARDING INDUSTRIAL VISIT

As mentioned in the above subject, ECE Department decided to take 7th semester students for Industrial visit from 29/03/2022 to 31/03/2022. So it is my duty to accompany students for the same and I assure to take responsibility of students throughout the Industrial Visit.

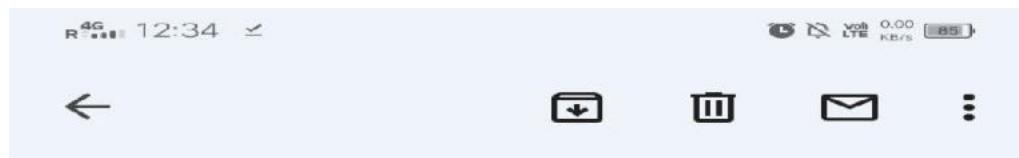
Thanking you.

Yours Sincerely,
Mubeena Perveen Taj

Manjur
Basha
Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:46:37 +05'30'

CONVERSATION WITH INDUSTRY



Ahamed, Suhel 12:07 PM
to me, C, Shetty ▾



Hello Ms. Mubeena Parveen Taj,

You can plan your visit on the mentioned date,

Kindly carry the Covid vaccine final certificate and also ensure to adhere the covid safety measures at the plant.

Thanks & Regards,

Suhel Ahamed

QMP/P

Vehicle Dynamics(VEE)

Safety & Motion(SAM)

Automotive

Continental Automotive Components (India) Private Limited

Plot No 53B,Bommasandra Industrial Area Phase 1

Hosur Road ,Bangalore - 560099, India

Tel: +91 80 66115261,

Mobile: +91 9741561303,

Email: Suhel.ahamed@continental-corporation.com

Web : www.continental-corporation.com

Manjur
Basha
Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:47:14 +05'30'

PROGRAM SCHEDULE

Total Strength=19

Students=17

Lectures=2

No. Of Days: 2

29/03/2022

08:00pm-06:00am→Journey to Bangalore by Bus

30/03/2022

06:00am-07:30am→Fresh up and Breakfast

07:30am-10:00am→Travelling to BGRT

10:00pm-02:00pm→BGRT

02:00pm-03:00pm→Travelling to Continental Automotive Pvt. Ltd.

03:00pm-5:00pm→ Continental Automotive Pvt. Ltd

06:00pm→Back to room

31/03/2022

09:00am-05:00pm→Wonderla

06:00pm→Return from Bangalore

Manjur
Basha Sheik
Ibrahim

Digitally signed by
Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:47:57 +05'30'

PARTICIPANTS DETAILS

1. Amina Lifam→9008740305
2. Anumol Joseph→9901614074
3. Ayshath Safura→9633932249
4. B.Reshmi→6235111846
5. Dhanush S K→6362737065
6. Fathima Bushra→9606178375
7. Fathimath Haseeba→7909118443
8. Habeeb Rahiman→9481660385
9. Ihthisham→9535342407
10. Ismail Sawad→6360323317
11. KhathijaIshrath→ 7349109717
12. Maneesha→7994160672
13. Minhaj Abbas→7561000227
14. Muhammed Siyad P→8943807999
15. Sushmitha→8296378925
16. Sushmitha K→7994066674
17. Khatheeja Naseela→9901830068

Staff Details:

1. Prof. Mubeena Perveen Taj→9448179774
2. Prof. Abdul Jabbar→9986323677

Manjur
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Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
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INDUSTRY DETAILS

➤ BGRT

The Bearys Global Research Triangle (BGRT) is dedicated to the invaluable contribution of business and information technology to the modern world. The Bearys Group conceptualized BGRT in the proximity of ITPL at Whitefield, Bangalore, India. First Green Field Project with highest energy savings of over 54% and water usage reduction of 70% & It's a zero-discharge building. The A grade property offers spacious and skilfully designed commercial office space. You'll love this charming estate, with spectacular in-house parking backed by 24x7 security service. The project is well equipped with modern amenities and has excellent connectivity by bus.

Oriented the building to have the longer axis along East and West. The building consists of three conjoining towers having diamond shapes in the plan and so oriented that its facades are at 45° to South, West and East. Circular balconies flare outwards from 2nd floor onwards thus shading the lower ones. The southern façade receives maximum solar heat and therefore built with double wall of AAC blocks with air gap. Entire Northern façade glazed with 6-20-6 high performance glass DGUs with thermal break. NW facade of tower C gets bright sun in the afternoon from 13hrs to 16hrs, therefore fitted with external louvers to reduce heat ingress and avoid glare.

Terrace lined with R-15 insulation and having high albedo painting. Building footprint restricted to around 28% of the site area. Enchanting innovative Landscaping/Water scaping done in 5910 sq. m area (167 % more than statutory requirement).





➤ **Continental Automotive Components Private Limited**

Continental Automotive Components (india) Private Limited is a Non-govt company, incorporated on 15 Jun, 2007. It's a private unlisted company and is classified as 'company limited by shares'.

Company's authorized capital stands at Rs 90000.0 lakhs and has 77.537926% paid-up capital which is Rs 69784.13 lakhs. Continental Automotive Components (india) Private Limited last annual general meet (AGM) happened on 21 Sep, 2017. The company last updated its financials on 31 Mar, 2017 as per Ministry of Corporate Affairs (MCA).

Continental Automotive Components (india) Private Limited is majorly in Business Services business from last 15 years and currently, company operations are active. Current board members & directors are CLAUDE ALEX D GAMA ROSE, MINAZ HASSAM, PRASHANTH DORESWAMY and MICHAEL RUF JOERG .

Company is registered in Bangalore (Karnataka) Registrar Office. Continental Automotive Components (india) Private Limited registered address is Plot No 53B, Bommasandra Industrial Area, AttibeleHobli, Anekal Taluk Bangalore KA 560099 IN.



WHAT WE LEARNT?

At BGRT,

- There was a speak conducted there.
- A NTT data centre was building up which is the workstation built by Bearys Group.
- There were Sensor based lights throughout the top of the rooms.
- There were 3 towers A, B and C with waffle sealing.
- Upper and Lower basements are used for parking with ventilators.
- The Sewage Treatment Plant is used for recycling of water from the whole Company.
- Low Tension Power Distribution rooms and also Chiller as well as Fire plants were set up inside the building.
- In the Water Treatment Plant plants 1 tank has a storage capacity of 1500ltr of water.

At Continental Automotive Pvt. Ltd.

- Sebastian head of Vehicle dynamics break line segments has given a brief introduction about the industry.
- Comfort functions in car is the duty of Continental.
- It is a well-known company and closest competitor of Bosch.
- It has 552 branches in 180 countries
- It has around 2 lakhs employees.
- Biggest customer of this company is Suzuki.
- Vision of this company is “We continuously create value for our stake holders”.

Manjur
Basha Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
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PHOTOS AND LINK

At BGRT



At Continental



Manjur
Basha
Sheik
Ibrahim

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by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:52:08 +05'30'



At Vidhana Soudha





Manjur
Basha Sheikh
Ibrahim

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by Manjur Basha
Sheikh Ibrahim
Date: 2023.08.08
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Conclusion

The experience of this tour was really fantastic and unforgettable. It was a reverberating experience which we all cherish.

Students got valuable information from this industrial tour and they guided us how to stand in the corporate world in the era of competition. We got to learn a lot many more things from this tour.

Manjur
Basha Sheikh
Ibrahim

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Manjur Basha
Sheik Ibrahim
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BEARYS INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Innoli(Landsend), Mangaluru- 575001

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the mini project work entitled “**IOT BASED HEALTH MONITORING SYSTEM USING ESP8266 AND ARDUINO UNO**” is a bonafide work carried out by **Aishwarya Kalal, Kaveri Basarakod, Renuka H Gondi and Sumangala Kattimani** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of guide
Prof. Nithin

Signature of HOD
Dr. Abdullah Gubbi

Signature of Principal
Dr. S I Manjur Basha

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
11:54:44 +05'30'

BEARYS INSTITUTE OF TECHNOLOGY

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Innoli (Lands end), Mangaluru – 574153

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Bearys
Institute
of Technology
MANGALORE



CERTIFICATE

Certified that the mini project work entitled “**Weighing Machine using Arduino Load Cell & HX711 Module**” is a bonafide work carried out by **Mahammad Mateen, Uzair Ahmed and Abdul Adil** in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the Departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the guide

Prof. Abdul Jabbar H

Signature of the HOD

Dr. Abdullah Gubbi

Signature of the principal

Dr. S I Manjur Basha

Manjur
Basha Sheikh
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.08.08
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