

From

Biomedical students (II Years),
Hindusthan College of Engineering and Technology,
Coimbatore-32.

To

The Principal,
Hindusthan College of Engineering and Technology,
Coimbatore-32.

Respected Madam,

Subject: Permission for Industrial Visit - reg

We students of second year, BME are in a plan of going for an industrial visit to BPL technologies on November 3 2023. Kindly permit us for this visit in which we can gain more knowledge and get an idea about medical equipment production and calibration. So We kindly request you to allow us for this Industrial Visit.

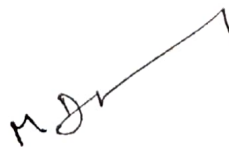
Thanking you

Yours sincerely

Lakshman G

Permitted
H. 02/11/2023


Class advisor


IV Coordinator


HOD

Coimbatore
02-11-2023

From

[1] Year Biomedical students
Hindusthan College of Engineering and Technology
Coimbatore - 641032

To

Dr. S. Kannan (Transport Incharge)


Professor
Department of Mechanical Engineering
Hindusthan College of Engineering and Technology
Coimbatore - 641032

Respected Sir

Sub: Permission for Bus transport - Reg
As we have planned to go on an industrial
visit to BPL technologies, Palakkad, we request your
kindness to arrange bus facility for the same
purpose. Thanks for your time and consideration.
Kindly do the needful.

Thanking you

Yours faithfully
Lakshman.G,
Class Tutor


Class Advisor

M.D
IV coordinator

Forwarded:
~ ~ ~

Hindusthan College of Engineering & Technology Coimbatore - 641032

INDUSTRIAL VISIT RECEIPT

Student Copy

Receipt No : **IVF2023-15**
Receipt Date : **02-11-2023**
Roll No : **22BMEIV**
Student Name : **INDUSTRIAL VISIT**
Sem / Course : **II Year / BE BME**
Pay Mode : **Cash**

Particulars	Amount
II Year - INDUSTRIAL VISIT	2375.00
Total	2,375.00

(Received Rupees Two Thousand Three Hundred and Seventy-Five only)



du
Cashier



BME HOD BME <bmehod@hicet.ac.in>

Industrial visit permission Hindusthan

8 October 2023 at 20:54

CG Sriram <sriram.cg@bpl.in>

To: BME HOD BME <bmehod@hicet.ac.in>

Sir,

Appreciate if you could plan the visit on 2nd or 3rd Nov 2023. We have constraints in the last week of Oct 2023.

Thanks & Regards,

Sriram.C.G

Head Factory

Ph: + 91 9446508660 | Email: sriram.cg@bpl.in

From: BME HOD BME <bmehod@hicet.ac.in>**Sent:** Sunday, October 8, 2023 11:36 AM**To:** Niranjini K <niranjini.k@bpl.in>; sanjeev.jose@bpl.in; CG Sriram <sriram.cg@bpl.in>**Subject:** Industrial visit permission Hindusthan

We the department of Biomedical Engineering of Hindusthan college of engineering and technology, Coimbatore. As a part of Industry Institute interaction, we have the practice of industrial visit for our students. During this activity, they will be getting industrial exposure and consequently it will develop their practical knowledge. In this regard, we have plan to make one day industrial visit to your company on 28th October 2023, Saturday. Hence we kindly request your permission to take part industrial visit in your esteemed concern. Hereby we assure we will obey the rules and regulations framed by the company in this regard.

[Quoted text hidden]



BME HOD BME <bmehod@hicet.ac.in>

Industrial visit permission Hindusthan

8 October 2023 at 19:06

BME HOD BME <bmehod@hicet.ac.in>

To: niranjini.k@bpl.in, sanjeev.jose@bpl.in, CG Sriram <sriram.cg@bpl.in>

We the department of Biomedical Engineering of Hindusthan college of engineering and technology, Coimbatore. As a part of Industry Institute interaction, we have the practice of industrial visit for our students. During this activity, they will be getting industrial exposure and consequently it will develop their practical knowledge. In this regard, we have plan to make one day industrial visit to your company on 28th October 2023, Saturday. Hence we kindly request your permission to take part industrial visit in your esteemed concern. Hereby we assure we will obey the rules and regulations framed by the company in this regard.

Kindly do the needful.

Total number of students:60

Accommodating faculty:02

Date of visit:28-10-2023

Time of visit: 10 AM

With regards,

Dr.s.saravana sundaram

Professor and Head

Department of Biomedical Engineering

Hindusthan college of engineering and technology

Coimbatore.

9894756463

bmehod@hicet.ac.in



BME HOD BME <bmehod@hiket.ac.in>

Industrial visit permission Hindusthan

9 October 2023 at 18:00

BME HOD BME <bmehod@hiket.ac.in>

To: CG Sriram <sriram.cg@bpl.in>

Thank you sir. We will plan on 3rd November Friday.

On Sun, 8 Oct 2023, 1:25 pm CG Sriram, <sriram.cg@bpl.in> wrote:

Sir,

Appreciate if you could plan the visit on 2nd or 3rd Nov 2023. We have constraints in the last week of Oct 2023.

Thanks & Regards,

Sriram.C.G

Head Factory

Ph: + 91 9446508660 | Email: sriram.cg@bpl.in

From: BME HOD BME <bmehod@hiket.ac.in>

Sent: Sunday, October 8, 2023 11:36 AM

To: Niranjini K <niranjini.k@bpl.in>; sanjeev.jose@bpl.in; CG Sriram <sriram.cg@bpl.in>

Subject: Industrial visit permission Hindusthan

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(Approved by AICTE, New Delhi|An Autonomous Institution Affiliated to Anna University)

Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH,MCT|

Accredited by NAAC with 'A++' Grade |An ISO Certified Institution)

Valley Campus, Pollachi Highway, Coimbatore - 641032, INDIA.www.hicet.ac.in



DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH: 2022- 2026

Student Name List

SL NO	REG NO	NAME
1	720722112001	ABDUSSAMAD O
2	720722112002	ABINESH JOVITTER KASTON K
3	720722112003	AJITHKUMAR A
4	720722112004	AMAL DEV
5	720722112005	AMBILI P C
6	720722112006	ANBUMANI T
7	720722112007	ARAVINTH KUMAR P
8	720722112009	ARSATH PARVEZ M
9	720722112010	ASMA V
10	720722112011	BALAJI A
11	720722112012	BARATH SUKUMAR E
12	720722112013	BASIL K V
13	720722112014	BASKAR T
14	720722112015	DEEPA S
15	720722112016	DHANUSH M
16	720722112017	DHILAK S
17	720722112018	DINESH KARTHIK J
18	720722112019	GUNASEKARAN D
19	720722112020	HRITHIK T K
20	720722112021	JAGADHEESH M
21	720722112022	JAMAL AL JAZEER F
22	720722112023	JANAPRIYA S
23	720722112024	JEEVITHA S
24	720722112025	JOHN NICKSHAN C
25	720722112026	KALAIVANI G
26	720722112027	KARTHICK C
27	720722112029	KRISHNA MOORTHY A
28	720722112030	LAKSHMAN G
29	720722112031	MANIMALA N
30	720722112032	MAYURA GURUBARAN S
31	720722112033	MOHAMMED ASNAH
32	720722112035	MUHAMMED ANSHAB
33	720722112036	NANDHITHA J
34	720722112037	NAVEEN A
35	720722112038	NEHAL KRISHNA V T
36	720722112039	NELVIN JINS
37	720722112040	NOOPU A D

38	720722112042	PREETHVI P
39	720722112043	PREM KUMAR S
40	720722112044	PRITHIVI RAJ P
41	720722112045	RACHEL R
42	720722112046	REVATHY P R
43	720722112048	RUVETHASRI V
44	720722112049	SABARINATH M
45	720722112050	SHAHZAD ROSHAN P K
46	720722112051	SHANMUGA RAJA G
47	720722112052	SHANOOB SHAJAHAN
48	720722112053	SHYAM MOHITH SUKUMARAN
49	720722112054	SUFIYAN M K
50	720722112055	SUHAIL P V
51	720722112056	SUREKA M
52	720722112057	SURYA P
53	720722112058	SUSITHARAN S
54	720722112059	THALAL MOHAMED S
55	720722112060	THIVAGAR K
56	720722112061	UTHAYAVANAN N M
57	720722112062	VASANTHKUMAR S

Total No.of Students: 57

Girls: 13

Boys: 44

Faculty Incharge

1.Dr.M.Ganga (ASP/BME)

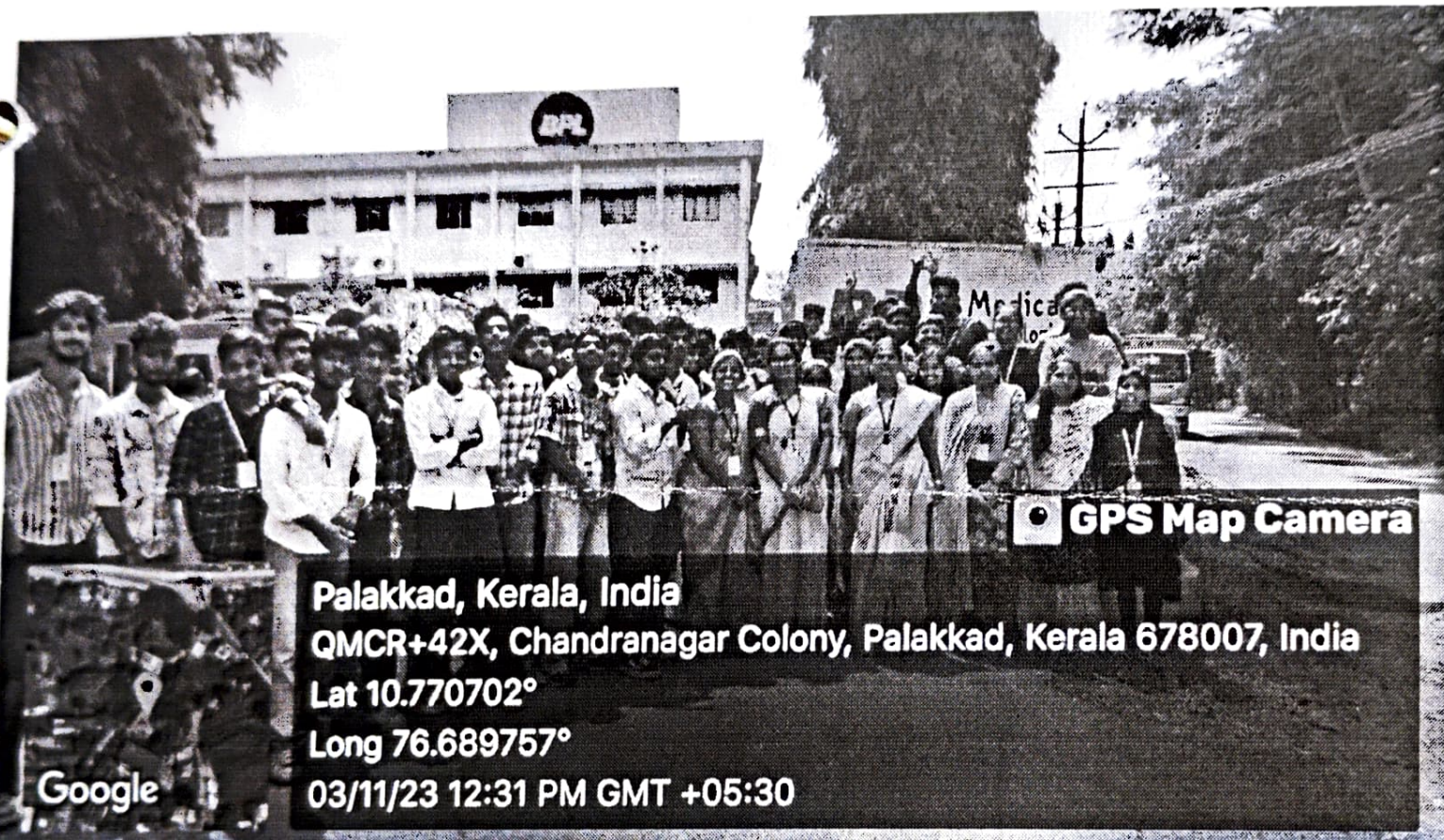
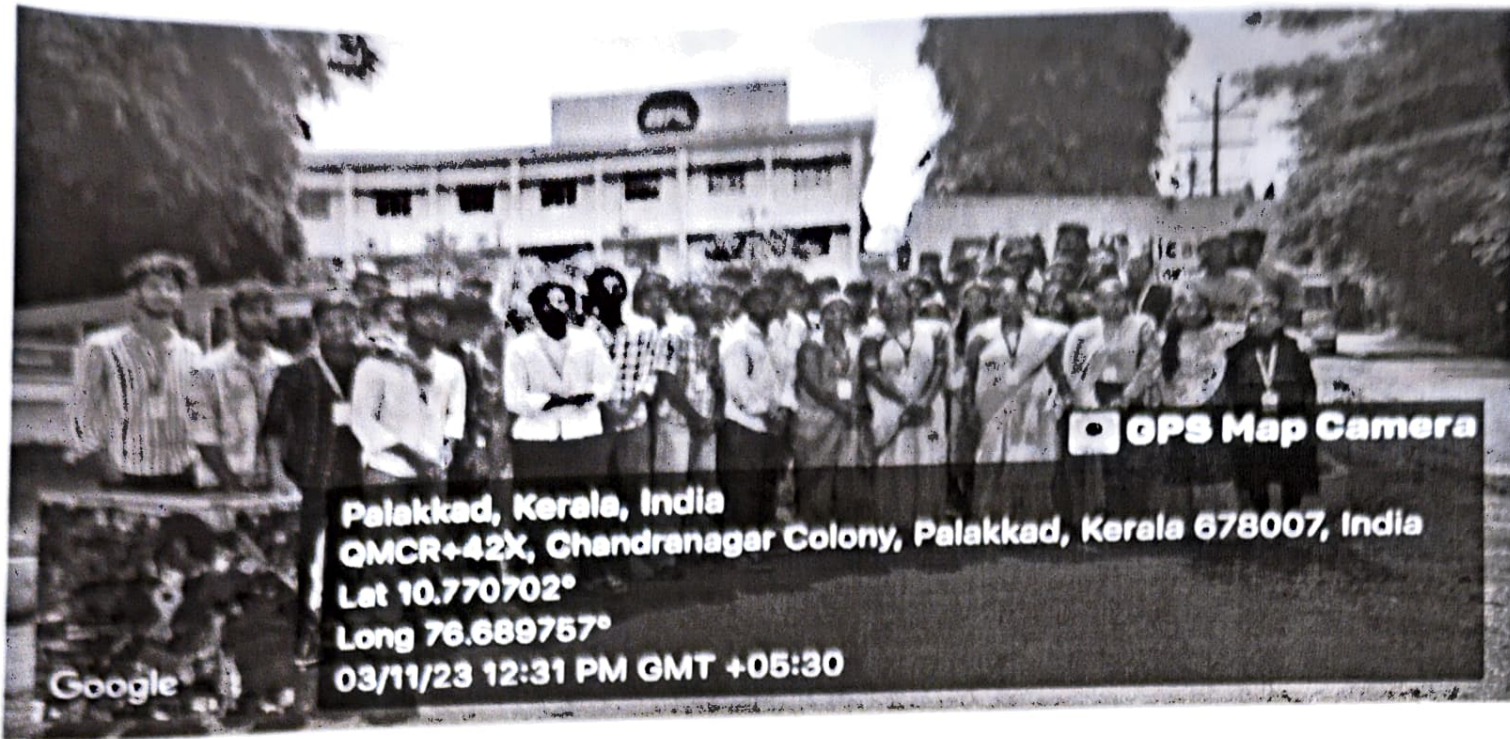
2.Ms.S.Patricia Nancy(AP/BME)

3.Ms.D.R.Nivedha (AP/BME)


Dr. M. Ganga
TUTORS


CLASS ADVISOR


HOD





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DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH 2022-2026

INDUSTRIAL VISIT TO BPL TECHNOLOGIES

On November 03,2023 our Biomedical II nd year batch of 57 students along with 3 faculties went on an Industrial visit to BPL Medical technologies in Palakkad, Kerala. BPL Technologies is one of the best medical equipment manufacturing Company en India. It is a leading manufacturer, supplier of cautery machine diathermy, infusion pumps ,surgical diathermy from palakkad.

We splitted into 2 groups and visited Equipment manufacturing section seperately. The employees there guided us to each section and explained about them well.

Few of their Major products are Mentioned below,

- *Bed side Monitor /patient monitors
- *ECG recorders
- *Defibrillators
- *pulse oximeter
- *Oxygen concentrator
- *Infusion pump
- *Syringe pump
- *Anesthesia machine

The Company Manufacturing multiple models of each which are Size and advancement in use,

1. Bed side monitor /patient monitor

This equipment will monitor ECG, BP & SPO2 (oxygen Saturation level in blood). It has the number of body functions benefit of measured in a single equipment. The company is producing different models of it. They are differ in different models of Monitor size and Number of Probes (No of leads may be 3 or 7 in different Some models will have I-type BP measuring. ie Measuring blood pressure directly from blood.

One of the patient monitor model BPL manufacturing . Excel Sign E12 which has efficient memory storage and also provides detailed review of patient status.

2. ECG recorder

To record ECG of patient

Few models gives output as print out. Some will be given output digitally, showing on the screen. They can store in their memory storage or the same we can transmitted to system to store

Some models are with display, on which the result will be displayed directly. Some are devoid of display. ultimo prime is a multipart patient monitor manufactured by BPL. It can display up to 10 Waveforms. It is having efficient memory storage with option of deal battery.



3. Defibrillators

*It is the device that send an electric pulse or shock to heart to restore a normal heart rate.

*By using this equipment electric pulse will be given in Joules as energy not in volts.

*DF 2509 /R is Simple Defibrillator that contains user friendly features with 5.7 inch LCD Screen

4.Oxygen Contains concentrator

In this equipment by giving supply in the form of Ac, we can separate oxygen from normal air, instead of using oxygen tanks.

Oxy 5 Neo is a oxygen concentrator model It is a portable oxygen concentrator with oxygen purity of 93%. It has benefits of having Safety features like High pressure - Safety valve, power failure alarm functions & fault self detection system.

5. Infusion pump

It is used to deliver fluids mainly glucose, etc to patients. It assures Safety & treatment to the critically ill patients.

Syringe pump

It is used to deliver medicines to patients body a Acura s1 is a full featured syringe infusion pump manufactured in BPL.

6. Anesthesia machine

This is a machine use to give oxygen and nitrogen in correct proportion to patient and maintain the anesthesia state during surgery.

7. Pulse oximeter

It is a device that usually placed on a fingertip. It uses light beams to estimate the oxygen Saturation of blood .It is an easy painless way to measure level in blood. Which helped people a lot during Covid pandemic to test oxygen level from home itself.