### Automatic handsanitization despensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ABHINAV K S 1801180001



# Literature survey on the properties application and future developments on graphene

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### ABHIRAMI ANIL 1801180002



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Effect of temperature on the efficiency of engine oil

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

Ву

#### ABHISHEK C J 1801180004



## Arduino based fingerprint door lock system

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

Ву

ABIN JOHN 1801180005



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

### Bicycle rental system

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ADHARSH V J 1801180006



### Automatic handsanitization despensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### AJAY SURENDRAN 1801180007



### Bicycle rental system

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

Ву

## $\underset{1801180009}{\text{AKSHAY BIJU B}}$



# Literature survey on the properties application and future developments on graphene

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### ALEENA FIGARADO 1801180010



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Construction of digital clock

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### ALEX TAURO 1801180011



# Comparison of purity of differnt brand cocunut oil - refractive index study

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

ALFA MANAF 1801180012



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

# Literature survey on the properties application and future developments on graphene

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### ANDRIYA JOMY 1801180014



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Spintronic teraherz emitter

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

Ву

#### ANEENA ELIZABETH GEORGE 1801180015



## Solar wind and geomagnetic field

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ANFY FRANCIS 1801180016



## Study of spectral types of stars using sloan digital sky survey data

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

Ву

#### ANGEL MARY ANDREWS 1801180017



### Automatic handsanitization despensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ANJANA VIJAYAN 1801180018



## Polarisability and dielectrics

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

## ANNET AGNES LOPEZ 1801180019



## Spintronic teraherz emitter

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

## ANTONY DINIL 1801180020



#### Studies on the colours of the stars

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

## $\underset{1801180021}{\textbf{ANTONY M JOSEPH}}$



## X ray diffraction result analysis

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

ANU.M.S 1801180022



## Construction of digital clock

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

ANURAG.NP 1801180023



# Comparison of purity of differnt brand cocunut oil - refractive index study

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### ARPITHA RANJITH 1801180024



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Hubble Diagram analysis

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ASHIK LAL KRISHNA 1801180025



### Bicycle rental system

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ASHIL ANTONY 1801180026



#### Home automation

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

## $\underset{1801180027}{\text{ASHLY K ANTONY}}$



## Smart blind stick using Arduino

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### ATHIRA K MENON 1801180028



## Solar wind and geomagnetic field

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

Ву

#### AZREEN ASHRAF 1801180029



## Spintronic teraherz emitter

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### CHINNU SABU 1801180030



#### Home automation

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### CHRIS FEDERICK 1801180031



# Comparison of purity of differnt brand cocunut oil - refractive index study

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### FIFY FIRMIN 1801180032



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Single Axis Solar Tracking System

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

## GREESHMA ANIL .P. 1801180033



## Arduino based fingerprint door lock system

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

## JEFFREY N MANAYIL 1801180035



#### Home automation

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### JOACHIM BRETLEE DSILVA 1801180036



### Automatic handsanitization despensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### JOHN HILARY 1801180037



## Floating ball experiment-numerical methods and cpp

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### KOCHURANI GEORGE 1801180038



# Comparison of purity of differnt brand cocunut oil - refractive index study

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### LAYA LALITHAKUMAR 1801180039



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

## Floating ball experiment-numerical methods and cpp

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### MARYKUTTY DCRUZ 1801180040



# Smart blind stick using Arduino

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

Ву

#### MEGHA SUNIL 1801180041



# Single axis solar tracking system

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

# MONIKA ANISHMA FERNANDEZ 1801180042



# Li-Fi technology

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### MUHAMMED SINAN ABDULLA 1801180043



# Study of spectral types of stars using sloan digital sky survey data

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

# $\begin{array}{c} \textbf{NIKHIL VIJAY A V} \\ \textbf{1801180044} \end{array}$



# Li-Fi Technology

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

 $\begin{array}{c} \mathrm{PRANAV} \; \mathrm{P} \; \mathrm{R} \\ \mathrm{1801180045} \end{array}$ 



# Effect of temperature on the efficiency of engine oil

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

Ву

RAKESH.P.R 1801180046



# Construction of digital clock

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### SHERINRAJ S 1801180047



# Bicycle rental system

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### SONA K SUNIL 1801180048



# Comparison of purity of differnt brand cocunut oil - refractive index study

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### SONET KURIEN A.J 1801180049



ST. ALBERT'S COLLEGE (AUTONOMOUS) Ernakulam

March, 2021

# X ray diffraction - result analysis

A thesis
Submitted in partial fulfillment of the requirements
Of the degree of
Bachelor of Science in Physics

By

#### SREELAKSHMI G MENON 1801180050



# Bicycle rental system

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

Ву

#### SREYA BABU 1801180051



# Li-Fi Technology

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

SYAMSI V S 1801180052



# Automatic handsanitization despensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### THEJAL DEVASSY SHAJI 1801180053



### Arduino Uno LM35 Heat sensor

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### UNNI SHAJU P. 1801180054



# Polarisibility and dielectrics

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### VARSHA WILSON 1801180055



## studies on Colours of stars

A thesis Submitted in partial fulfillment of the requirements Of the degree of Bachelor of Science in Physics

By

#### LIYA ELIZABETH 1701180036

