

***PREDICTIVE ANALYSIS ON LOWER  
BACK PAIN***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

**ANJANA N**

**M.SC. IV SEMESTER**

**UNDER THE GUIDANCE OF**

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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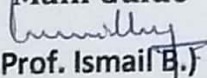
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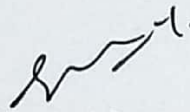
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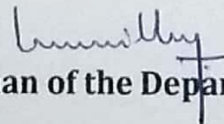
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**Main Guide**  
  
(Prof. Ismail B.)

  
**Co-Guide**  
(Mr. Sunil)

**Date: 30/04/2019**

  
**Chairman of the Department**

**Place: Mangalagangothri**

**(Prof. Ismail B.)**

***STATISTICAL ANALYSIS  
ON  
PRICE OF PETROLEUM***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**PROF.ISMAIL B.**

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**MANGALAGANGOTHRI - 574199.**

**MAY-2019**



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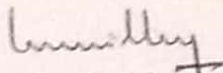
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**CERTIFICATE**

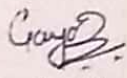
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Ms. BHAVYASHREE N during the year 2018-19 as a part of her  
M.Sc.(Statistics) fourth semester curriculum.

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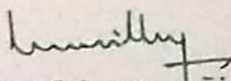
(Prof. Ismail B.)

  
Co-Guide

(Ms. Gayathri Upadhya)

Place: Mangalagangothri

Date: 30/04/2019

  
Chairman of the Department

Chairman  
DEPARTMENT OF STATISTICS  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199

**APPLICATION OF FINANCIAL  
TIME SERIES MODEL ON INDIAN  
STOCK MARKET**

**PROJECT REPORT SUBMITTED TO**

**MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**M.Sc. IV SEMESTER**

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**MANGALORE UNIVERSITY**

**MANGALAGANGOTTHRI - 574199.**

**MAY-2019**



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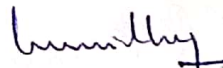
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Reg.No:

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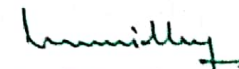
(Prof.Ismail B)

  
Co Guide

(Mr.Suresh Kharvi)

Place: Mangalagangothri

Date: 30/04/2019

  
Chairman of the Department

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Chairman

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199

# ***STUDY ON ACCURACY IN FORECASTING***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

SUBMITTED BY

**HARSHITHA P**

M.SC. IV SEMESTER

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**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

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**MANGALAGANGOTHRI - 574199.**

**MAY-2019**



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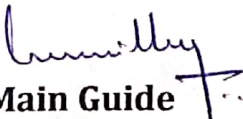
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**CERTIFICATE**

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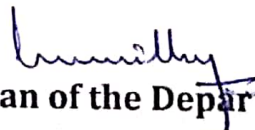
  
Main Guide

(Prof. Ismail B.)

  
Co-Guide

(Mr. Sunil)

Date: 30/04/2019

  
Chairman of the Department

Place: Mangalagangothri

(Prof. Ismail B.)



**STATISTICAL ANALYSIS ON  
PREDICTION OF MYOCARDIAL  
INFARCTION**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

**JOANNE NATHASHA COELHO**

**M.Sc. IV SEMESTER**

**UNDER THE GUIDANCE OF**

**PROF.ISMAIL B.**

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MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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**DEPARTMENT OF STATISTICS**

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Reg.No:

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*Ismail B.*  
(Prof. Ismail B.)

DATE: 30/04/2019

Place: Mangalagangothri

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Chairman of the Department

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Chairman

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199



**STATISTICAL ANALYSIS ON  
INDIAN STOCK MARKET PRICE**

**PROJECT REPORT SUBMITTED TO**

**MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

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**MAY-2019**

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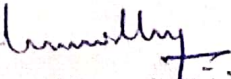
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
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(Prof. Ismail B.)

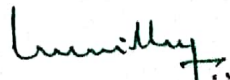
**Co Guide**

  
(Mr. Suresh Kharvi)

**Date: 30/04/2019**

**Place: Mangalagangothri**

**Chairman of the Department**

  
(Prof. Ismail B.)



*THE STATISTICAL PROJECT  
ON  
PREDICTIVE ANALYSIS OF HEART ATTACK RISKS*

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

SUBMITTED BY

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UNDER THE GUIDANCE OF

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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Reg. No:

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**Main Guide**

(Prof. Ismail B.)

**Co-Guide**

(Mr. Suresh Kharvi)

**Place: Mangalagangothri**

**Chairman of the Department**

**Date: 30/04/2019**

(Prof. Ismail B.)



STATISTICAL ANALYSIS ON  
CHRONIC KIDNEY DISEASE

PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY

IN PARTIAL FULLFILMENT OF REUIREMENT FOR THE COMPLETION OF  
MASTERS DEGREE IN STATISTICS

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*Ismail B.*  
Main Guide

(Prof. Ismail B.)

*Sriniff*  
Co-Guide

(Mr. Satyanarayana)

Date: 30 April 2019

Place: Mangalagangothri

*Ismail B.*  
Chairman of the Department

(Prof. Ismail B.)

Chairman

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199



**STATISTICAL ANALYSIS  
ON  
WARTS TREATMENTS**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

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**M.SC. IV SEMESTER**

**UNDER THE GUIDANCE OF**

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

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Main Guide

(Prof. Ismail B.)

*Gayathri*  
Co-Guide

(MS .Gayathri Upadhya)

Place: Mangalagangothri

Chairman of the Department

Date:30/04/2019

*Ismail B.*  
(Prof. Ismail B.)



**STATISTICAL STUDY ON  
EMPLOYEE ABSENTEEISM AND  
ATTRITION LEVEL**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

**POORNIMA**

**M.Sc. IV SEMESTER**

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**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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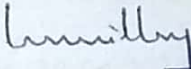
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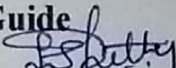
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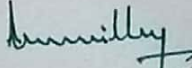
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Main Guide  
(Prof.Ismail B)

  
Co-Guide  
(Dileep Kumar Shetty)

Place: Mangalagangothri

Date:30/04/2019

  
Chairman of the Department  
(Prof. Ismail B)

Chairman  
DEPARTMENT OF POSTGRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI - 574 199



***STATISTICAL ANALYSIS  
ON  
GROSS DOMESTIC PRODUCT***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

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**MAY-2019**

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Main Guide

(Prof. Ismail B.)

Co-Guide

(Mr. Suresh Kharvi)

Date: 30-04-2019

Place: Mangalagangothri

Chairman of the Department

(Prof. Ismail B)



***STUDIES ON STATISTICAL MODELS  
FOR FORECASTING EXCHANGE RATE  
ANALYSIS***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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Reg. No:

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Guide

*Ismail B*  
(Prof. Ismail B.)

Date:30/04/2019

Chairman of the Department

Place:Mangalagangothri

*Ismail B*  
(Prof. Ismail B.)



***STATISTICAL ANALYSIS ON  
BLOOD SUGAR LEVEL***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

IN PARTIAL FULLFILMENT OF REUIREMENT FOR THE COMPLETION OF  
MASTERS DEGREE IN STATISTICS

SUBMITTED BY

**PREETHI JAYARAM SHETTY**

M.Sc. IV SEMESTER

UNDER THE GUIDENCE OF

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI – 574199**

**MAY-2019**

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Reg.No

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Main Guide

(Prof. Ismail B.)

ಶತ್ರುಘ್ನ  
Co-Guide

(Mr. Satyanarayana)

Date: 30 April 2019

Place: Mangalagangothri

Chairman of the Department

(Prof. Ismail B.)

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199



***STATISTICAL ANALYSIS ON  
BLOOD SUGAR LEVEL***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

IN PARTIAL FULLFILMENT OF REUIREMENT FOR THE COMPLETION OF  
MASTERS DEGREE IN STATISTICS

SUBMITTED BY  
**PREETHI JAYARAM SHETTY**

M.Sc. IV SEMESTER

UNDER THE GUIDENCE OF  
**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS  
MANGALORE UNIVERSITY**

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Reg.No

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Main Guide

(Prof. Ismail B.)

ಶ್ರೀಹುಣ್ಣಿ  
Co-Guide

(Mr. Satyanarayana)

Date: 30 April 2019

Place: Mangalagangothri

Chairman of the Department

(Prof. Ismail B.)

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199



# **A STATISTICAL ANALYSIS ON TYPE-2 DIABETES**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

**RAHUL P V**

**M.Sc. IV SEMESTER**

**UNDER THE GUIDANCE OF**

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTHRI - 574199.**

**MAY-2019**

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**CERTIFICATE**

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*Ismail B*  
Main Guide

(Prof.Ismail B)

Co Guide  
*Dileep Kumar Shetty*  
(Mr.Dileep kumar shetty)

Date: 30/04/2019

Place: Mangalagangothri

*Ismail B*  
Chairman of the Department

(Prof. Ismail B.)

Chairman

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTTHRI 574 199



**STATISTICAL ANALYSIS ON  
LIVER DISEASES**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

**SHRAVYA.S**

**M.Sc. IV SEMESTER**

**UNDER THE GUIDANCE OF**

**PROF.ISMAIL B.**

**DEPARTMENT OF STATISTICS**

**MANGALORE UNIVERSITY**

**MANGALAGANGOTHRI - 574199.**

**MAY-2019**

**MANGALORE UNIVERSITY**  
**MANGALAGANGOTHRI**



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Co-Guide  
*D. Shetty*  
(Dileep Kumar Shetty)

Place: Mangalagangothri

*Ismail B*  
Chairman of the Department

Date:30/04/2019

(Prof.Ismail B)

DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
MANGALORE UNIVERSITY  
MANGALAGANGOTHRI 574 199



***STATISTICAL ANALYSIS  
ON  
BREAST CANCER***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**Main Guide**  
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Place: Mangalagangothri

**Chairman of the Department**

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**IMPLIMENTATION OF REGRESSION MODEL  
TO PREDICT DIAMOND PRICES**

**PROJECT REPORT SUBMITTED TO  
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**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

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**DEPARTMENT OF STATISTICS**

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**MAY-2019**

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Date:30/04/2019

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DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN STATISTICS  
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MANGALAGANGOTTHRI, 574 109



***STATISTICAL ANALYSIS OF  
JASMINE PRICE***

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
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*Ismail B.*  
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MANGALAGANGOTTHRI 574 199



**STATISTICAL STUDY ON EMISSION OF  
CARBON DIOXIDE**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
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**MAY-2019**

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*Ismail B*  
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Co Guide

(Mr.Dileep Kumar Shetty)

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MANGALORE UNIVERSITY  
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# *STATISTICAL ANALYSIS ON GOOGLE STOCK PRICE*

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

**SUBMITTED BY**

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**MAY-2019**

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Main Guide  
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# **STATISTICAL ANALYSIS ON ALUMINIUM PRICE**

**PROJECT REPORT SUBMITTED TO  
MANGALORE UNIVERSITY**

**IN PARTIAL FULLFILMENTS OF THE REQUIREMENTS FOR THE  
COMPLETION OF MASTERS DEGREE IN STATISTICS**

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Chairman

DEPARTMENT OF POST GRADUATE  
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MANGALORE UNIVERSITY  
MANGALAGANGOTHRI 574 199



**Prediction Models  
For Aqueous Solubility Of Organic  
Compounds  
*A Statistical Study***

**Project Report Submitted To  
Mangalore University**

*In Partial Fulfilments Of The Requirements For The  
Completion Of Masters Degree In Statistics*

*by*

**Yashaswini  
MSc. iv Semester**

*under the guidance of*

**Prof. Ismail B  
Chairman**

**Department of Statistics  
Mangalore University  
Mangalagangothri - 574 199**



*submitted to*

**Department of Statistics  
Mangalore University  
Mangalagangothri - 574 199**

**April 2019**

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Date : 30-04-2019