

INTERNSHIP REPORT

“TRENDS IN IMPORT OF NATURAL RUBBER AND ITS IMPACT ON THE CULTIVATION OF NATURAL RUBBER IN INDIA”

*Internship report submitted to Mahatma Gandhi University, Kottayam, partial
fulfilment of the requirement for award of Post Graduation in Econometrics*

by

PARVATHY SHABU (200011008452)

Under the supervision of

Mr S.Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonso College, Pala

2020 – 2022

Verified on
23/10/22

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)




RUBBER RESEARCH INSTITUTE OF INDIA
Rubber Board
(Ministry of Commerce & Industry, Government of India)
Kottayam – 686009, Kerala, India
Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)
Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Parvathy Shabu** (Reg. No: 200011008452), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "Trends in Import of Natural Rubber and its impact on the Cultivation of Natural Rubber in India" using appropriate analytical and econometric models. During the period of internship, she was found to be diligent, hardworking and inquisitive.


Director (Research) (I/c)


Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India



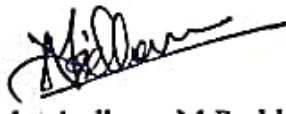
ALPHONSA COLLEGE, PALA, KOTTAYAM

CERTIFICATE

This is to certify that this Internship report entitled "TRENDS IN IMPORT OF NATURAL RUBBER AND ITS IMPACT ON THE CULTIVATION OF NATURAL RUBBER IN INDIA" is a report prepared on the internship work done by Parvathy Shabu, in the Rubber Research institute of India in partial fulfillment for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guidance.


Ms. Smitha Clary Joseph
Head of the Department of Economics
Alphonsa College, Pala

H.C.D.
Department of Economics
Alphonsa College, Pala


Ms. Ardhana M Prabhash
Department of Economics
Alphonsa College, Pala

Pala

Date: 25/10/2022

INTERNSHIP REPORT
TRENDS IN NATURAL RUBBER PRODUCTION AND
CONSUMPTION IN INDIA

**Internship report submitted to Mahatma Gandhi University,
Kottayam, partial fulfilment of the requirement for award of Post
Graduation in Econometrics**

SANDRA RAJAGOPAL (200011008455)

Under the supervision of
Mr. S. Veeraputhran
Scientist and office-in-charge
Economic Research Division,
Rubber Research Institute of India,
Rubber Board P.O,
Kottayam -686 009,
Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonsa College, Pala

2020 – 2022

*Verified on
25/10/22*

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA
Rubber Board
(Ministry of Commerce & Industry, Government of India)
Kottayam – 686009, Kerala, India
Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)
Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Sandra Rajagopal** (Reg. No: 200011008455), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "**Trends in Natural Rubber Production and Consumption in India**" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking, and inquisitive.

Jessy

Director (Research) (I/c)

Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India




CERTIFICATE

This is to certify that the internship report entitled as "A STUDY ON TRENDS IN NATURAL RUBBER PRODUCTION AND CONSUMPTION IN INDIA" is an internship done by Sandra Rajagopal in partial fulfilment of the requirements for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa Collage, Pala under my supervision and guidance.


Mrs. Smitha Clary Joseph

Head of the Department of Economics
Alphonsa College, Pala


Mrs. Ardhana M Prabhash

Department of Economics
Alphonsa College, Pala

Department of Economics
Alphonsa College, Pala

Pala

Date: 25/10/2022

INTERNSHIP REPORT

TREND IN PRODUCTION, CONSUMPTION AND TOTAL AREA OF NATURAL RUBBER IN INDIA

*Internship report submitted to Mahatma Gandhi University, Kottayam, in partial fulfilment
of the requirement for award of Post-Graduation in Econometrics*

by

ACHSAH S ANIYANKUNJU (200011008446)

Under the supervision of

Mr. S. Veeraputhran

Scientist and office-in-charge, Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics
Alphonsa College, Pala, Kottayam.

2020-2022

Verified on
25/10/22

ESST
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA

Rubber Board

(Ministry of Commerce & Industry, Government of India)

Kottayam - 686009, Kerala, India

Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)


Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Achsah S Aniyankunju** (Reg. No: 200011008446), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "Trends in the Production, Consumption and Total Area of Natural Rubber in India" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking, and inquisitive.


Director (Research) (I/c)


Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India

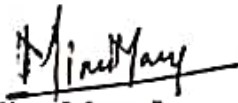


ALPHONSA COLLEGE, PALA

CERTIFICATE

This is to certify that the internship report entitled, "TRENDS IN PRODUCTION, CONSUMPTION AND TOTAL AREA OF NATURAL RUBBER IN INDIA" is a report prepared on the internship done by Achsah S Aniyankunju, in the Rubber Research Institute of India, in partial fulfilment of the requirements for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guidance


Smitha Clarie Joseph **B.A., B.F.A.**
Head of the Department of Economics
Alphonsa College, Pala


Minu Mary Jose
Department of Economics
Alphonsa college, Pala

Ala

Date: 25-10-2022

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA
Rubber Board
(Ministry of Commerce & Industry, Government of India)
Kottayam – 686009, Kerala, India
Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)
Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Rahna Babu** (Reg. No: 200011008453), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "**Forecasting of Natural Rubber Price in India Using ARIMA**" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking and inquisitive.


Director (Research) (I/c)


Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India

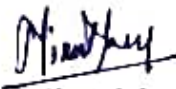


ALPHONSA COLLEGE, PALA, KOTTAYAM

CERTIFICATE

This is to certify that the internship report entitled as “**Forecasting of Natural Rubber Price in India Using ARIMA**” is a report prepared on the internship work done by Rahna Babu, in the **Rubber Research Institute of India** in partial fulfilment of the requirements for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa Collage, Pala under my supervision and guidance.


Mrs. Smitha Clary Joseph **H.C.D.**
Department of Economics
Alphonsa College, Pala
Head of the Department of Economics
Alphonsa college, Pala


Mrs. Minu Mary Jose
Department of Economics
Alphonsa college, Pala

Pala

Date: 25-10-2022

INTERNSHIP REPORT
FORECASTING OF NATURAL RUBBER PRICE IN INDIA
USING ARIMA

internship report submitted to Mahatma Gandhi University, Kottayam, partial fulfilment of the requirement for award of Post Graduation in Econometrics
by

RAHNA BABU (200011008453)

Under the supervision of

Mr S.Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam - 686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonso College, Pala

2020 – 2022

*Verified on
25/10/22*

INTERNSHIP REPORT

COMPARITIVE ASSESSMENT OF PRODUCTION, CONSUMPTION AND TOTAL AREA OF NATURAL RUBBER IN INDIA

*Internship report submitted to Mahatma Gandhi University, Kottayam, partial
fulfilment of the requirement for award of Post Graduation in Econometrics*

by

FEEBA THOMAS (200011008451)

Under the supervision of

Mr. S. Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonsa College, Pala

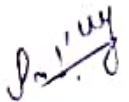
2020 – 2022

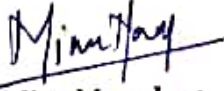
Verified on
25/10/22

ALPHONSA COLLEGE, PALA, KOTTAYAM

CERTIFICATE

This is to certify that this Internship report entitled "A STUDY ON THE FACTORS AFFECTING THE PRODUCTION OF NATURAL RUBBER IN INDIA" is a report prepared on the internship work done by Anjana Appukuttan, in the Rubber Research Institute of India in partial fulfillment for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guideness.


Ms. Smitha Clary Joseph **M.C.D.**
Head of the Department of Economics
Alphonsa College, Pala


Ms. Minu Mary Jose
Department of Economics
Alphonsa college, pala

Pala

Date: 25/10/2022

JESSY M.D MSc (Agr), PhD
DIRECTOR (In-charge)



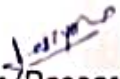
RUBBER RESEARCH INSTITUTE OF INDIA
Rubber Board
(Ministry of Commerce & Industry, Government of India)
Kottayam - 686009, Kerala, India
Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)
Email: resdir@rubberboard.org.in

Ref. No: 0/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Fooba Thomas** (Reg. No: 200011008451), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "**Comparative Assessment of Production, Consumption and Total Area of Natural Rubber in India**" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking, and acquisitive.


Director (Research) (I/c)

Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India



INTERNSHIP REPORT
A STUDY ON THE FACTORS AFFECTING THE PRODUCTION
OF NATURAL RUBBER IN INDIA

Internship report submitted to Mahatma Gandhi University, Kottayam, partial fulfilment of the requirement for award of Post Graduation in Econometrics

by

ANJANA APPUKUTTAN (200011008448)

Under the supervision of

Mr. S. Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonso College, Pala


2020 – 2022

*Verified on.
25/10/22*

ALPHONSA COLLEGE, PALA

CERTIFICATE

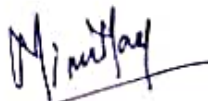
This is to certify that this Internship report entitled "COMPARITIVE ASSESSMENT OF PRODUCTION, CONSUMPTION AND TOTAL AREA OF NATURAL RUBBER IN INDIA" is a report prepared on the internship work done by Feeba Thomas, in the Rubber Research institute of India in partial fulfillment for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guideness.


Ms. Smitha Clary Joseph

Head of the Department

Alphonsa College, Pala

H.C.D.
Department of Economics
Alphonsa College, Pala


Ms. Minu Mary Jose

Department of Economics

Alphonsa college, pala

Pala

Date: 25/10/2022

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA

Rubber Board

(Ministry of Commerce & Industry, Government of India)

Kottayam – 686009, Kerala, India

Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)

Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Anjana Appukuttan** (Reg. No: 200011008448), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "A Study on the Factors Affecting the production of Natural Rubber in India" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking, and inquisitive.


Director (Research) (I/c)

Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India



INTERNSHIP REPORT

PRICE VOLATILITY AND ITS IMPACT ON RUBBER CULTIVATION IN KOTTAYAM DISTRICT IN KERALA

*Internship report submitted to Mahatma Gandhi University, Kottayam, partial
fulfilment of the requirement for award of Post Graduation in Econometrics*

by

DELNA SABU (200011008448)

Under supervision of

Mr . S.Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration; 1st May to 31st May, 2022)



Verified on
25/10/22

Department of Economics

Alphonsa College, Pala

2020 – 2022

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA

Rubber Board

(Ministry of Commerce & Industry, Government of India)

Kottayam - 686009, Kerala, India

Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)

Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Delna Sabu** (Reg. No: 200011008450), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "**Price Volatility and its Impact on Rubber Cultivation in Kottayam District in Kerala**" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking, and inquisitive.


Director (Research) (I/c)


Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India

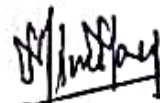


ALPHONSA COLLEGE, PALA

CERTIFICATE

This is to certify that this Internship report entitled "PRICE VOLATILITY AND ITS IMPACT ON RUBBER CULTIVATION IN KOTTAYAM DISTRICT IN KERALA" is a report prepared on the internship work done by Delna Sabu, in the Rubber Research institute of India in partial fulfillment for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guideness.


Ms. Smitha Clary Joseph
H.C.D.
Department of Economics
Alphonsa College, Pala
Head of the Department of Economics
Alphonsa College, Pala


Ms. Minu Mary Jose
Department of Economics
Alphonsa college, pala

Pala

Date : 25/10/2022

INTERNSHIP REPORT
TRENDS IN EXPORT AND IMPORT OF NATURAL RUBBER IN
INDIA

Internship report submitted to Mahatma Gandhi University, Kottayam, partial fulfilment of the requirement for award of Post Graduation in Econometrics

by

REMYA GEORGE (200011008454)

Under supervision of

Mr . S.Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O,

Kottayam -686 009,

Kerala, India

(Duration;1st May to 31st May, 2022)



Department of Economics

Alphonsa College, Pala

2020 – 2022

Verified on
25/10/22

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



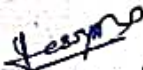
RUBBER RESEARCH INSTITUTE OF INDIA

(Ministry of Commerce & Industry,
Kottayam -
Phones: +91 481 2353323 (Direct), +91 481 2353324 (Fax)
Email: resd@rrii.gov.in

Ref. No: 9/DR/RES/2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Remya George** (Reg. No: 200011008454) Econometrics Programme (Third Semester) of Alphonsa College, successfully completed one-month (1st May to 31st May, 2022) Internship in the Economic Research Division of the Rubber Research Institute of India in connection with the study on "Trends in Export and Import of Natural Rubber using appropriate analytical and econometric models. During the period she was found to be diligent, hardworking, and inquisitive.


Director (Research) (I/c)


Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India



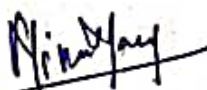
ALPHONSA COLLEGE, PALA, KOTTAYAM

CERTIFICATE

This is to certify that this Internship report entitled "TRENDS IN EXPORT AND IMPORT OF NATURAL RUBBER IN INDIA" is a report prepared on the internship work done by Remya George, in the Rubber Research institute of India in partial fulfillment for the award of Masters in Econometrics, during 2020-2022, in the Department of Economics, Alphonsa College Pala, under my supervision and guidance.


Ms. Smitha Clary Joseph
Head of the Department of Economics
Alphonsa College, Pala

H.C.D.
Department of Economics
Alphonsa College, Pala


Ms. Minu Mary Jose
Department of Economics
Alphonsa College, Pala

Pala

Date : 25/10/2022

INTERNSHIP REPORT

FORECASTING THE PRICE OF NATURAL RUBBER IN INTERNATIONAL RUBBER MARKETS

*Internship report submitted to Mahatma Gandhi University, Kottayam, partial
fulfilment of the requirement for award of Post Graduation in Econometric*

by

ANJU TOMY (200011008449)

Under the supervision of

Mr. S. Veeraputhran

Scientist and office-in-charge

Economic Research Division,

Rubber Research Institute of India,

Rubber Board P.O

Kottayam – 686009

Kerala, India

(Duration; 1st May to 31st May, 2022)



Department of Economics

Alphonso College,

2020 – 2022

*Verified on
25/10/22*

ALPHONSA COLLEGE, PALA, KOTTAYAM

CERTIFICATE

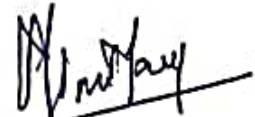
This is to certify that the Internship report entitled "FORECASTING THE PRICE OF NATURAL RUBBER IN INTERNATIONAL RUBBER MARKETS" is a report prepared on the internship work done by Anju Tomy, in the Rubber Research Institute of India in partial fulfilment of the requirements for the award of Masters in Econometrics, during 2020-2022, in the department of Economics, Alphonsa college Pala, under my supervision and guidance.



Ms. Smitha Clary J
H.C.D.
Department of Economics
Alphonsa College, Pala

Head of the Department of Economics

Alphonsa College, Pala



Ms. Minu Mary Jose

Department of Economics

Alphonsa College, Pala

Pala

Date: 25/10/2022

JESSY M.D MSc (Ag), PhD
DIRECTOR (In-charge)



RUBBER RESEARCH INSTITUTE OF INDIA
Rubber Board
(Ministry of Commerce & Industry, Government of India)
Kottayam - 686009, Kerala, India
Phones: +91 481 2353323 (Direct), +91 481 2353311 (10 lines)
Email: resdir@rubberboard.org.in

Ref. No: 9/DR/RES/2022

30 August 2022

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Anju Tomy (Reg. No: 200011008449), a student of MA Econometrics Programme (Third Semester) of Alphonsa College, Pala, Kottayam, has successfully completed one-month (1st May to 31st May, 2022) Internship Program at the Economic Research Division of the Rubber Research Institute of India, Kottayam-686009, in connection with the study on "Forecasting of Natural Rubber Price in International Rubber Market" using appropriate analytical and econometric models. During the period of her internship, she was found to be diligent, hardworking and inquisitive.

Jessy M.D
Director (Research) (I/c)

Dr. JESSY M.D
Director (In Charge)
Rubber Research Institute of India
Rubber Board
Kottayam-686 009, Kerala, India

