



CENTRAL UNIVERSITY OF KERALA  
കേരള കേന്ദ്രീയ विश्वविद्यालय

DEPARTMENT OF PUBLIC HEALTH AND COMMUNITY MEDICINE

Sl: No:	Name Of Student	Register Number	Year of Admission	Title Of Thesis	Guide	Type Of Work	Place Of Work
1.	ANUSIGA S R	MMP051902	2019	TRENDS AND PREDICTORS OF UTILIZATION OF HEALTH INSURANCE SCHEMES IN TAMIL NADU – COMPARATIVE ANALYSIS OF NFHS-3 AND NFHS-4 DATA	DR.ELEZEBETH MATHEWS	PROJECT	CENTRAL UNIVERSITY OF KERALA
2.	Dr. ANUSMITHA MOUSIMI	MMP051903	2019	CHILD IMMUNISATION COVERAGE AND ITS DETERMINANTS: A COMPARATIVE STUDY BETWEEN MANIPUR AND NAGALAND BASED ON NFHS -4 DATA	Dr Sibasis Hense	PROJECT	CENTRAL UNIVERSITY OF KERALA
3.	DR ARIJIT SHITH	MMP051904	2019	A COMPARATIVE STUDY OF THREE EASTERNLY LOCATED STATES OF INDIA (WEST BENGAL, BIHAR AND ODISHA) IN COVID-19 MANAGEMENT USING SECONDARY DATA	Dr Sibasis Hense	PROJECT	CENTRAL UNIVERSITY OF KERALA
4.	BANASHRI HALOI	MMP051907	2019	FACTORS ASSOCIATED WITH DECREASE/INCREASE IN TOBACCO USE PREVALENCE IN INDIAN STATES BETWEEN GLOBAL ADULT TOBACCO SURVEY (GATS)-1 AND GATS-2	DR. K. R. THANKAPPAN	PROJECT	CENTRAL UNIVERSITY OF KERALA
5.	Dr. BASIL ISSAC	MMP051908	2019	PASSIVE SMOKING AS A RISK FACTOR OF ANEMIA AMONG YOUNG CHILDREN AGED 6-59	Dr Elezebeth Mathews	PROJECT	CENTRAL UNIVERSITY OF KERALA



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				MONTHS IN EMPOWERED ACTION GROUP STATES (EAG)-INDIA			
6.	Dr. Harikrishnan B R	MMP051909	2019	TREND OF SUICIDES IN SOUTHERNLY LOCATED STATES OF INDIA: AN ANALYSIS OF NATIONAL CRIME RECORDS BUREAU (NCRB) DATA (2010-19)	Dr. Sibasis Hense	PROJECT	CENTRAL U NIVERSITY OF KERALA
7.	Dr. HASEENA C.V	MMP051910	2019	INTERSECTIONAL INEQUALITIES IN EXCLUSIVE BREASTFEEDING PRACTICES IN INDIA: ANALYSIS OF NATIONAL FAMILY HEALTH SURVEY-4	Ms. Jayalakshmi Rajeev	PROJECT	CENTRAL UNIVERSITY OF KERALA
8.	DR. JAHNAVI SUBRAMANIAN	MMPO51911	2019	COVID-19 STATUS AND MANAGEMENT- A COMPARATIVE STUDY OF THREE SOUTHERNLY LOCATED INDIAN STATES (KARNATAKA, KERALA AND TAMIL NADU) USING SECONDARY DATA	Dr. Sibasis Hense	PROJECT	CENTRAL U NIVERSITY OF KERALA
9.	Dr. JIJINA T	MMP051912	2019	INTIMATE PARTNER VIOLENCE AND ITS CORRELATES AMONG EVER-MARRIED WOMEN IN EMPOWERED ACTION GROUP(EAG) STATES OF INDIA: AN ANALYSIS OF NFHS-4 DATA	Mr. PRAKASH BABU KODALI	PROJECT	CENTRAL UNIVERSITY OF KERALA
10.	Dr. KAVYA BHASKARAN	MMP051913	2019	STATUS AND FACTORS AFFECTING INSTITUTIONAL DELIVERY: A COMPARATIVE STUDY BETWEEN	Dr Sibasis Hense	PROJECT	CENTRAL U NIVERSITY OF KERALA



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				BIHAR AND ODISHA USING NFHS - 4 DATA			
11.	M A SANDHYA RANI	MMP051914	2019	PREVALENCE AND DETERMINANTS OF CHRONIC DISEASE MULTIMORBIDITY AMONG ADULTS IN FOUR STATES OF INDIA: AN ANALYSIS OF THE NATIONAL FAMILY HEALTH SURVEY-4	Ms.JAYALAKSHMI RAJEEV	PROJECT	CENTRAL UNIVERSITY OF KERALA
12.	Dr. MEVISE M VARGHESE	MMP051915	2019	DETERMINANTS OF ADVERSE PREGNANCY OUTCOMES AMONG WOMEN OF REPRODUCTIVE AGE INDIA: A SECONDARY DATA ANALYSIS	Ms.JAYALAKSHMI RAJEEV	PROJECT	CENTRAL UNIVERSITY OF KERALA
13.	Dr. NANDAKISHORE C S	MMP051916	2019	FACTORS ASSOCIATED WITH SMOKELESS TOBACCO USE IN ODISHA: RESULTS FROM 1858 INDIVIDUALS AGED 15 YEARS AND ABOVE	Dr K R THANKAPPAN	PROJECT	CENTRAL UNIVERSITY OF KERALA
14.	Pulicherla Naveen Kumar	MMP051918	2019	ALCOHOL AND TOBACCO IMAGERY IN INDIAN OVER THE TOP (OTT) MEDIA AND IT'S COMPLIANCE WITH EXISTING ALCOHOL AND TOBACCO LAWS: A CONTENT ANALYSIS	Mr. Prakash Babu Kodali	PROJECT	CENTRAL U NIVERSITY OF KERALA
15.	NAZEER V A	MMP051814	2019	PATTERN OF COVID-19 RELATED DEATHS AMONG ELDERLY POPULATION IN KERALA	Ms. Jayalakshmi Rajeev	PROJECT	CENTRAL UNIVERSITY OF KERALA



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16.	PREETIPARNA PATTANAYAK	MMP051917	2019	POLITICAL AND PUBLIC HEALTH INTERVENTIONS THAT CONTRIBUTED TO THE COVID-19 RECOVERY IN ODISHA: A DOCUMENT ANALYSIS	Ms.JAYALAKSHMI RAJEEV	PROJECT	CENTRAL U NIVERSITY OF KERALA
17.	Dr Rahna K	MMP051919	2019	Epidemiological and economic burden of infectious diseases in India: A secondary analysis of the National Sample Survey Organization 75th round survey.	Mr. Prakash Babu Kodali	PROJECT	CENTRAL U NIVERSITY OF KERALA
18.	Dr RENI N	MMP051920	2019	PREVALENCE AND FACTORS ASSOCIATED WITH SMOKELESS TOBACCO USE AMONG PREGNANT WOMEN IN EAG STATES OF INDIA	Dr K R THANKAPPAN	PROJECT	CENTRAL U NIVERSITY OF KERALA
19.	Dr. ROSHIN C	MMP051921	2019	PREVALENCE OF AND FACTORS AFFECTING INDIVIDUAL LEVEL DOUBLE BURDEN OF MALNUTRITION AMONG WOMEN OF REPRODUCTIVE AGE IN KERALA: AN ANALYSIS OF NATIONAL FAMILY HEALTH SURVEY-4	Ms Jayalakshmi Rajeev	PROJECT	CENTRAL UNIVERSITY OF KERALA
20.	SARANGI DAS	MMP051922	2019	CERVICAL EXAMINATION AND ITS DETERMINANTS AMONG WOMEN OF AGE GROUP 30-49 YEARS IN INDIA – AN ANALYSIS OF NFHS 4 DATA	Mr Prakash Babu Kodali	PROJECT	CENTRAL U NIVERSITY OF KERALA
21.	Dr. Shanti Priya Kindo	MMP051923	2019	TITLE OF THE DISSERTATION FACTORS ASSOCIATED WITH HIGH	DR. K. R. THANKAPPAN	PROJECT	CENTRAL UNIVERSITY OF KERALA



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				LEVEL OF SMOKELESS TOBACCO USE AMONG WOMEN AND QUIT ATTEMPTS AMONG WOMEN SMOKELESS TOBACCO USERS IN ASSAM			
22.	Dr. SONIYA BISWAS	MMP051924	2019	TRENDS AND QUALITY EDUCATION AND COMMUNICATION PUBLISHED BY MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA: A COMBINED CONTENT ANALYSIS	Dr. Sibasis Hense	PROJECT	CENTRAL U NIVERSITY OF KERALA
23.	Dr SREETHA K	MMP051925	2019	RELATIONSHIP BETWEEN DIETARY PATTERN AND DIABETES MELLITUS IN INDIAN ADULT POPULATION – A SECONDARY ANALYSIS USING NATIONAL FAMILY HEALTH SURVEY-4	Dr.ELEZEBETH MATHEWS	PROJECT	CENTRAL U NIVERSITY OF KERALA
24.	Dr. THUSHARAMOL N S	MMP051927	2019	SEVERE ANEMIA AND ITS CORRELATES AMONG CHILDREN AGED 6-59 MONTHS IN EMPOWERED ACTION GROUP STATES IN INDIA	KODALI PRAKASH BABU	PROJECT	CENTRAL U NIVERSITY OF KERALA
25.	Dr. VEENA K P	MMP051928	2019	STATE WIDE TRENDS AND CORRELATES OF HARD AMONG DAILY SMOKERS IN INDIA ADULT TOBACCO SURVEY 1 & 2	Dr.ELEZEBETH MATHEWS	PROJECT	CENTRAL UNIVERSITY OF KERALA



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26.	ZINTO GABSILE VILANE	MMP051901	2019	EFFECT OF SOCIOECONOMIC STATUS ON SMOKING CESSATION BEHAVIOR IN SELECTED AFRICAN COUNTRIES: SECONDARY ANALYSIS OF GATS DATA (2014 - 2018)	K.R. Thankappan	PROJECT	CENTRAL U NIVERSITY OF KERALA
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**TRENDS AND PREDICTORS OF UTILIZATION OF HEALTH  
INSURANCE SCHEMES IN TAMIL NADU – COMPARATIVE ANALYSIS  
OF NFHS-3 AND NFHS-4 DATA**

**ANUSIGA S R**

**Roll No: MMP051902**

**Dissertation submitted in partial fulfillment of the requirements for the award of the degree of  
Master of Public Health**



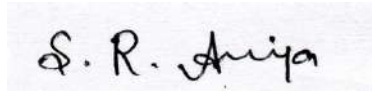
**केरलकेन्द्रीयविश्वविद्यालय  
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Tejaswini Hills, Periyar (PO),  
Kasaragod (DT), Kerala-671316  
India

**APRIL, 2021**

## DECLARATION

I hereby declare that this dissertation titled **“Trends and predictors of utilization of health insurance schemes in Tamil Nadu – comparative analysis of NFHS-3 and NFHS-4 data”** is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A rectangular box containing a handwritten signature in black ink. The signature appears to be 'S. R. Anusiga'.

ANUSIGA S R

MPH student  
Department of Public Health & Community Medicine  
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APRIL, 2021.



## CERTIFICATE

Certified that the dissertation titled **“Trends and predictors of utilization of health insurance schemes in Tamil Nadu – comparative analysis of NFHS-3 and NFHS-4 data”** is a record of the research work undertaken by ANUSIGA S R in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

A handwritten signature in black ink, reading "Elizabeth Mathews", written in a cursive style and underlined.

DR. ELEZEBETH MATHEWS  
Assistant Professor  
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APRIL, 2021

**CHILD IMMUNISATION COVERAGE AND ITS  
DETERMINANTS: A COMPARATIVE STUDY BETWEEN  
MANIPUR AND NAGALAND BASED ON NFHS -4 DATA**

**Dr. ANUSMITHA MOUSIMI**

**MMP051903**

**Dissertation submitted in partial fulfilment of the requirement for the  
award of Master of Public Health**



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Tejaswini Hills, Periyar (PO),  
Kasaragod (DT), Kerala-671316  
India

**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “*Child immunisation coverage and its determinants: A comparative study between Manipur and Nagaland based on NFHS- 4 data*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



Dr Anusmitha Mousimi

MPH student

Department of Public Health & Community Medicine

Tejaswini Hills, Periyar (PO),

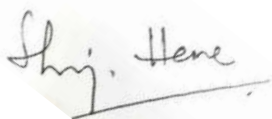
Kasaragod (DT), Kerala-671316

India

April 2021

## CERTIFICATE OF SUPERVISION

This is to certify that the dissertation titled “*Child immunisation coverage and its determinants: A comparative study between Manipur and Nagaland based on NFHS- 4 data*” is a record of the research work undertaken by *Dr. Anusmitha Mousimi* in partial fulfilment of the requirements for the award of the degree “Master of Public Health” under my guidance and supervision.

A handwritten signature in cursive script, reading "Dr. Sibasis Hense", is written on a piece of paper that is slightly tilted and has a light greenish tint. The signature is written in dark ink and is positioned above a horizontal line.

Dr Sibasis Hense

Assistant Professor, Department of Public Health & Community Medicine

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Kasaragod (DT), Kerala-671316

India

**A COMPARATIVE STUDY OF THREE EASTERNLY  
LOCATED STATES OF INDIA (WEST BENGAL, BIHAR AND  
ODISHA) IN COVID-19 MANAGEMENT USING  
SECONDARY DATA**

**DR ARIJIT SHITH**

**MMP051904**

**Dissertation submitted in partial fulfillment of the requirements  
for the award of the degree of Master of Public Health**



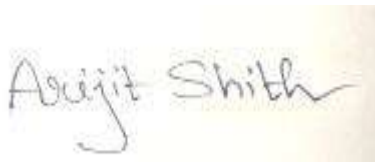
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Community Medicine, Tejaswini Hills, Periyar (PO),  
Kasaragod (DT), Kerala-671316 India

**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “*A comparative study of three easternly located states of India (West Bengal, Bihar and Odisha) in COVID-19 management using secondary data*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A handwritten signature in black ink on a light-colored background. The signature reads "Arijit Shith" in a cursive script.

Date: 21.04.2021

Arijit Shith

MPH student

Department of Public Health & Community Medicine

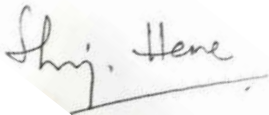
Tejaswini Hills, Periyar (PO),

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India

## **CERTIFICATE OF SUPERVISION**

Certified that the dissertation titled “*A comparative study of three easternly located states of India (West Bengal, Bihar and Odisha) in COVID-19 management using secondary data*” is a record of the research work undertaken by Arijit Shith in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

A handwritten signature in black ink, reading "Shij. Hense", is written on a light-colored, slightly textured paper. The signature is written in a cursive style and is underlined.

Dr Sibasis Hense

Assistant Professor, Department of Public Health & Community Medicine

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**FACTORS ASSOCIATED WITH DECREASE/INCREASE IN  
TOBACCO USE PREVALENCE IN INDIAN STATES  
BETWEEN GLOBAL ADULT TOBACCO  
SURVEY (GATS)-1 AND GATS-2**

**BANASHRI HALOI**

**MMP051907**

**Dissertation submitted in partial fulfilment of the requirements for the award of the degree of  
Master of Public Health**



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Tejaswini Hills, Periyar (PO),  
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India

**April, 2021**



## DECLARATION

I hereby declare that this dissertation titled '**Factors Associated with Decrease/Increase in Tobacco Use Prevalence in Indian States between Global Adult Tobacco Survey (GATS)-1 and GATS-2**' is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

*Banashri Haloi*

BANASHRI HALOI

MPH student  
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April, 2021

## CERTIFICATE

Certified that the dissertation titled “**Factors Associated with Decrease/Increase in Tobacco Use Prevalence in Indian States between Global Adult Tobacco Survey (GATS)-1 and GATS-2**” is a record of the research work undertaken by BANASHRI HALOI in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



(Signature of the Guide)

DR. K. R. THANKAPPAN  
Professor  
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April, 2021

**PASSIVE SMOKING AS A RISK FACTOR OF  
ANEMIA AMONG YOUNG CHILDREN AGED 6-59  
MONTHS IN EMPOWERED ACTION GROUP STATES  
(EAG)-INDIA**

**Dr. BASIL ISSAC**

**MMP051908**

**Dissertation submitted in partial fulfilment of the requirement for the  
award of**

**Master of Public Health**



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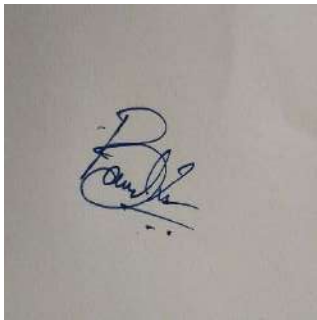
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Tejaswini Hills, Periyar (PO),  
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India

**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “Passive smoking as a risk factor of Anemia among young children aged 6-59 months in Empowered Action Group states (EAG)-India” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A photograph of a handwritten signature in blue ink on a light-colored surface. The signature is stylized and appears to read 'Basil Issac'.

Dr Basil Issac

MPH student

Department of Public Health & Community Medicine,

Central university of Kerala,

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April 2021

## CERTIFICATE

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*Elezebeth Mathews*

Dr Elezebeth Mathews,  
HOD, Dept. of Public Health and Community medicine, CUK  
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**TREND OF SUICIDES IN SOUTHERNLY LOCATED  
STATES OF INDIA: AN ANALYSIS OF NATIONAL  
CRIME RECORDS BUREAU (NCRB) DATA (2010-19)**

**Dr. Harikrishnan B R**

**MMP051909**

**Dissertation submitted in partial fulfillment of the requirement for the  
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**Master of Public Health**



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Tejaswini Hills, Periyee (PO),  
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**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “*Trend of suicides in Southernly located states of India; an analysis of National Crime Records Bureau (NCRB) data 2010-19*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



Dr. Harikrishnan B R

MPH student

Department of Public Health & Community Medicine

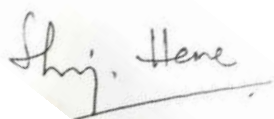
Tejaswini Hills, Periyar (PO),

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## CERTIFICATE OF SUPERVISION

Certified that the dissertation titled “*Trend of suicides in Southernly located states of India; an analysis of National Crime Records Bureau (NCRB) data (2010-19)*” is a record of the research work undertaken by *Dr Harikrishnan B R* in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

A handwritten signature in black ink, reading "Dr. Sibasis Hense", is written on a white rectangular piece of paper that is slightly tilted and placed over the main text area.

Dr. Sibasis Hense

Assistant Professor, Department of Public Health & Community Medicine

Tejaswini Hills, Periyar (PO),

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**INTERSECTIONAL INEQUALITIES IN EXCLUSIVE  
BREASTFEEDING PRACTICES IN INDIA: ANALYSIS OF  
NATIONAL FAMILY HEALTH SURVEY-4**

**Dr. HASEENA C.V**

**Reg No: MMP051910**

**Dissertation submitted in partial fulfillment of the requirements for the award of the  
degree of Master of Public Health**



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सार्वजनिक स्वास्थ्य एवं सामुदायिक चिकित्सा विभाग/ Department of Public Health & Community Medicine

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April 2021

## DECLARATION

I hereby declare that this dissertation entitled “*Intersectional inequalities in exclusive breastfeeding practices in India: analysis of National Family Health Survey-4*” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



(Signature of Candidate)

Dr. Haseena C.V

MPH student

Department of Public Health & Community Medicine

Tejaswini Hills, Periyar (PO),

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April 2021

## CERTIFICATE

It is hereby certified that the dissertation titled “Intersectional inequalities in exclusive breastfeeding practices in India: analysis of National Family Health Survey-4” is a record of the research work undertaken by Dr. Haseena CV in partial fulfillment of the requirements for the award of the degree of Master of Public Health under my guidance and supervision.



(Signature of the Guide)

Ms. Jayalakshmi Rajeev  
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**COVID-19 STATUS AND MANAGEMENT- A COMPARATIVE STUDY OF  
THREE SOUTHERNLY LOCATED INDIAN STATES (KARNATAKA, KERALA  
AND TAMIL NADU) USING SECONDARY DATA**

**DR. JAHNAVI SUBRAMANIAN**

**Reg No: MMPO51911**

**Dissertation submitted in partial fulfilment of the requirements for the award of the degree  
of Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय**

**Central University of Kerala**

(संसदके अधिनियम, वर्ष 2009 द्वारा स्थापित/ Established under the Act of Parliament)

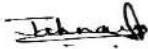
सार्वजनिक स्वास्थ्य एवं सामुदायिक चिकित्सा विभाग/ Department of Public Health & Community Medicine

Tejaswini Hills, Periye (PO),  
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**April, 2021**

## DECLARATION

I hereby declare that this dissertation titled “*COVID-19 status and management- a comparative study of three southernly located Indian states (Karnataka, Kerala and Tamil Nadu) using secondary data*” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

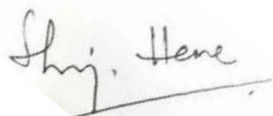


Dr. Jahnavi Subramanian  
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April, 2021

## CERTIFICATE OF SUPERVISION

I certify that the dissertation titled “*COVID-19 status and management- a comparative study of three southernly located Indian states (Karnataka, Kerala and Tamil Nadu) using secondary data*” is a record of the research work undertaken by (Dr Jahnvi Subramanian) in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



**Dr. Sibasis Hense**  
**Assistant Professor**  
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**India**

**INTIMATE PARTNER VIOLENCE AND ITS CORRELATES AMONG  
EVER-MARRIED WOMEN IN EMPOWERED ACTION GROUP(EAG)  
STATES OF INDIA: AN ANALYSIS OF NFHS-4 DATA**

**Dr. JIJINA T**

**MMP051912**

**Dissertation submitted in partial fulfillment of the requirements for the  
award of the degree of Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय**

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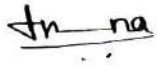
सार्वजनिकस्वास्थ्यएवंसामुदायिकचिकित्साविभाग/ Department of Public Health & Community Medicine

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**April 2021**

## DECLARATION

I hereby declare that this dissertation entitled “*Intimate Partner Violence and It’s correlates among ever-married women in Empowered Action Group (EAG) states of India: an analysis of NFHS-4 data*” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



(Signature of Candidate)

Dr JIJINA T

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April,2021



## CERTIFICATE

Certified that the dissertation titled “*Intimate Partner Violence and It’s correlates among ever married women in Empowered Action Group (EAG) states of India: an analysis of NFHS-4 data*” is a record of the research work undertaken by Dr JIJINA T in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Mr. PRAKASH BABU KODALI

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April,2021

**STATUS AND FACTORS AFFECTING INSTITUTIONAL  
DELIVERY: A COMPARATIVE STUDY BETWEEN BIHAR  
AND ODISHA USING NFHS - 4 DATA**

**Dr. KAVYA BHASKARAN**

**MMP051913**

**Dissertation submitted in partial fulfillment of the requirements for the  
award of the degree of Master of Public Health**



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सावषजननकस्वास््यएवंसामुदानयकधिककत्सापवभाग/ Department of Public Health & Community Medicine  
Tejaswini Hills, Periyē (PO),  
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**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “*Status and factors affecting institutional delivery: a comparative study between Bihar and Odisha using NFHS- 4 data*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



Dr Kavya Bhaskaran

MPH student

Department of Public Health & Community Medicine

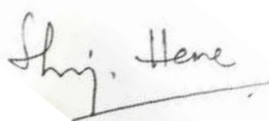
Tejaswini Hills, Periyar (PO),

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## CERTIFICATE OF SUPERVISION

I hereby certify that the dissertation entitled “*Status and factors affecting institutional delivery: a comparative study between Bihar and Odisha using NFHS- 4 data*” is a record of the research work undertaken by *Dr. Kavya Bhaskaran* in partial fulfilment of the requirements for the award of the degree ‘Master of Public Health (MPH)’ under my guidance and supervision.

A handwritten signature in black ink, reading "Sibasis Hense", is written on a white rectangular piece of paper that is slightly tilted and placed over the printed text.

Dr Sibasis Hense

Assistant Professor, Department of Public Health & Community Medicine

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**PREVALENCE AND DETERMINANTS OF CHRONIC  
DISEASE MULTIMORBIDITY AMONG ADULTS IN FOUR  
STATES OF INDIA: AN ANALYSIS OF THE NATIONAL  
FAMILY HEALTH SURVEY-4.**

**M A SANDHYA RANI**

**MMP051914**

**Dissertation submitted in partial fulfilment of the requirements for the award of the  
degree of Master of Public Health**

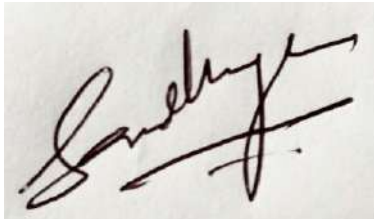


केरल केन्द्रीय विश्वविद्यालय / Central University of Kerala  
(संसदके अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament  
सावजनिक स्वास्थ्य एवं सामुदायिक चिकित्सा विभाग /  
Department of Public Health & Community Medicine  
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India.

**April 2021**

## **DECLARATION**

I hereby declare that this dissertation titled “prevalence and determinants of chronic disease multimorbidity among adults in four states of India: An analysis of the National Family Health Survey-4” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A handwritten signature in black ink, appearing to read 'Sandhya Rani', written on a light-colored background.

**M A SANDHYA RANI**

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## **CERTIFICATE**

Certified that the dissertation titled “prevalence and determinants of chronic disease multimorbidity among adults in four states of India: An analysis of the National Family Health Survey-4” is the record of the research work undertaken by M A Sandhya Rani in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



**(Signature of the Guide)**

Ms. JAYALAKSHMI RAJEEV  
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April 2021

**DETERMINANTS OF ADVERSE PREGNANCY  
OUTCOMES AMONG WOMEN OF REPRODUCTIVE  
AGE INDIA: A SECONDARY DATA ANALYSIS**

**Dr. MEVISE M VARGHESE**

**MMP051915**

**Dissertation submitted in partial fulfilment of the requirement for the  
award of the degree of**

**Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय**

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Kasaragod (DT), Kerala-671316

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**April 2021**



## DECLARATION

I hereby declare that the dissertation entitled “**Determinants of adverse pregnancy outcomes among women of reproductive age India: A secondary data analysis**” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



Dr MEVISE M VARGHESE

MPH student

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April 2021

# CERTIFICATE

Certified that the dissertation entitled “**Determinants of adverse pregnancy outcomes among women of reproductive age India: A secondary data analysis**” is a record of the research work undertaken by **Dr. Mevise M Varghese** in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Ms. JAYALAKSHMI RAJEEV  
Assistant Professor  
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April 2021

**FACTORS ASSOCIATED WITH SMOKELESS  
TOBACCO USE IN ODISHA: RESULTS FROM 1858  
INDIVIDUALS AGED 15 YEARS AND ABOVE**

**Dr. NANDAKISHORE C S**

**MMP051916**

**Dissertation submitted in partial fulfilment of the requirement for the  
award of**

**Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय  
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Tejaswini Hills, Periyem (PO),  
Kasaragod (DT), Kerala-671316  
India

**April 2021**

## DECLARATION

I hereby declare that the dissertation entitled “*Factors associated with smokeless tobacco use in Odisha: Results from 1858 individuals aged 15 years and above*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



(Signature of the candidate)

Dr NANDAKISHORE C S

MPH student

Department of Public Health & Community Medicine

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India

April 2021

## CERTIFICATE

Certified that the dissertation titled “*Factors associated with smokeless tobacco use in Odisha: Results from 1858 individuals aged 15 years and above*” is a record of the research work undertaken by Dr. NANDAKISHORE C S in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Dr K R THANKAPPAN,

Professor, Department of Public Health & Community Medicine  
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India

April 2021

**ALCOHOL AND TOBACCO IMAGERY IN INDIAN OVER  
THE TOP (OTT) MEDIA AND IT'S COMPLIANCE WITH  
EXISTING ALCOHOL AND TOBACCO LAWS: A CONTENT  
ANALYSIS**

**Pulicherla Naveen Kumar**

**MMP051918**

**Dissertation submitted in partial fulfillment of the requirements for the award of the  
degree of Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय**

**Central University of Kerala**

(संसदकेअधिनियम, वर्ष 2009 द्वारास्थापित/ Established under the Act of Parliament)

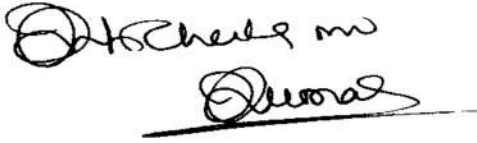
सार्वजनिकस्वास्थ्यएवंसामुदायिकचिकित्साविभाग/ Department of Public Health & Community Medicine

Tejaswini Hills, Periyar (PO),  
Kasaragod (DT), Kerala-671316  
India

**April, 2021**

## DECLARATION

I hereby declare that this dissertation titled “**Alcohol and Tobacco Imagery in Indian Over the Top (OTT) Media and it’s compliance with existing alcohol and tobacco laws: a content analysis**” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A handwritten signature in black ink, appearing to read 'Pulicherla Naveen Kumar', with a horizontal line drawn underneath it.

PULICHERLA NAVEEN KUMAR

MPH student

Department of Public Health & Community Medicine

Tejaswini Hills, Periye (PO),

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India

April, 2021.

## CERTIFICATE

Certified that the dissertation titled “**Alcohol and Tobacco Imagery in Indian Over the Top (OTT) Media and it’s compliance with existing alcohol and tobacco laws: a content analysis**” is a record of the research work undertaken by Mr. Pulicherla Naveen Kumar in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Mr. Prakash Babu Kodali, MPhil (Public Health), MPH  
Assistant Professor  
Department of Public Health & Community Medicine  
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India  
April, 2021.



**PATTERN OF COVID-19 RELATED DEATHS AMONG ELDERLY  
POPULATION IN KERALA**

**NAZEER V A**

**MMP051814**

**Dissertation submitted in partial fulfillment of the requirements for the award of the  
degree of Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय/ Central University of Kerala**

संसदके अधिनियम, वर्ष 2009 द्वारा स्थापित/Established under the Act of Parliament

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Kasaragod (DT), Kerala-671316  
India

**April, 2021**

## DECLARATION

I hereby declare that the dissertation titled **“Pattern of COVID-19 Related Deaths among Elderly Population in Kerala”** is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A handwritten signature in black ink, appearing to read 'Nazeer VA', is written on a light-colored, slightly textured background.

Nazeer VA  
(MMP051814)  
Department of Public Health & Community Medicine  
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## CERTIFICATE

Certified that the dissertation titled **“Pattern of COVID-19 Related Deaths among Elderly Population in Kerala”** is a record of the research work undertaken by Nazeer VA (MMP051814) in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



(Signature of the Guide)

**Ms. Jayalakshmi Rajeev**

Assistant Professor

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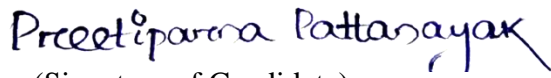
India

April, 2021



## DECLARATION

I hereby declare that this dissertation titled “Political and public health interventions that contributed to the COVID-19 Recovery in Odisha: A Document Analysis” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

  
(Signature of Candidate)

Ms. Preetiparna Pattanayak  
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April 2021

## CERTIFICATE

It is hereby certify that the dissertation titled “Political and public health interventions that contributed to the COVID-19 Recovery in Odisha: A Document Analysis” is a record of the research work undertaken by Preetiparna Pattanayak in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Ms. JAYALAKSHMI RAJEEV

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April 2021

# **Epidemiological and economic burden of infectious diseases in India: A secondary analysis of the National Sample Survey Organization 75<sup>th</sup> round survey.**

**Dr Rahna K**

**MMP051919**

**Dissertation submitted in partial fulfilment of the requirement for the award of the degree  
of Master of Public Health**



**केरलकेन्द्रीयविश्वविद्यालय** Central University of Kerala  
(संसदकेअधधननयम, वर्ष 2009 द्वारास्थापनत/ Established under the Act of Parliament in 2009  
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Tejaswini Hills, Periy e (PO),  
Kasaragod (DT), Kerala-671316  
India

**April 2021**

## **DECLARATION**

I hereby declare that this dissertation entitled “**Epidemiological and economic burden of infectious diseases in India: A secondary analysis of the National Sample Survey Organization 75th round survey**” is a bonafide and genuine research work done by me under the guidance of Mr. Prakash Babu Kodali, Assistant Professor, Department of Public Health & Community Medicine, CUK. Information obtained from other published or unpublished works of others has been duly acknowledged in the research text.



Dr Rahna K

MPH student

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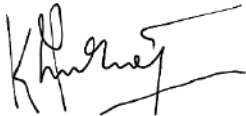
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30, April 2021



## **CERTIFICATE**

Certified that the dissertation titled **“Epidemiological and economic burden of infectious diseases in India: A secondary analysis of the National Sample Survey Organization 75th round survey”** is a record of the research work undertaken by **Dr Rahna K** in partial fulfilment of the requirements for the degree of “Master of Public Health’ under my guidance and supervision.



**Mr. Prakash Babu Kodali**

Assistant Professor  
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30, April 2021

# **PREVALENCE AND FACTORS ASSOCIATED WITH SMOKELESS TOBACCO USE AMONG PREGNANT WOMEN IN EAG STATES OF INDIA**

**Dr RENI N**

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**Dissertation submitted in partial fulfillment of the requirements for the award  
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**April 2021**

## DECLARATION

I hereby declare that this dissertation titled “*Prevalence and factors associated with smokeless tobacco use among pregnant women in EAG states of India*” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



(Signature of the candidate)

Dr RENI N

MPH student

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## CERTIFICATE

Certified that the dissertation titled “*Prevalence and factors associated with smokeless tobacco use among pregnant women in EAG states of India*” is a record of the research work undertaken by Dr: Reni N in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



(Signature of the guide)

Dr K R THANKAPPAN,

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April 2021

**PREVALENCE OF AND FACTORS AFFECTING  
INDIVIDUAL LEVEL DOUBLE BURDEN OF  
MALNUTRITION AMONG WOMEN OF REPRODUCTIVE  
AGE IN KERALA: AN ANALYSIS OF NATIONAL FAMILY  
HEALTH SURVEY-4**

**Dr. ROSHIN C**

**MMP051921**

**Dissertation submitted in partial fulfilment of the requirements for the award of the  
degree of**

**Master of Public Health**



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Tejaswini Hills, Periye (PO),  
Kasaragod (DT), Kerala-671316  
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**April 2021**

**DECLARATION**

I hereby declare that the dissertation entitled *“Prevalence of and factors affecting individual level double burden of malnutrition among women of reproductive age in Kerala- an analysis of National Family Health Survey-4”* is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



Dr Roshin C

MPH student

Department of Public Health & Community Medicine

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## CERTIFICATE

This is to certify that the dissertation titled *“Prevalence of and factors affecting individual level double burden of malnutrition among women of reproductive age in Kerala: an analysis of National Family Health Survey-4”* is a record of the research work undertaken by Dr. ROSHIN C in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



Ms Jayalakshmi Rajeev  
Assistant Professor,  
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April 2021

**CERVICAL EXAMINATION AND ITS DETERMINANTS  
AMONG WOMEN OF AGE GROUP 30-49 YEARS IN  
INDIA – AN ANALYSIS OF NFHS 4 DATA**

**SARANGI DAS**

**MMP051922**

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Kasaragod (DT), Kerala-671316  
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**April 2021**



## DECLARATION

I hereby declare that the dissertation entitled “Cervical examination and its determinants among women of age group 30-49 years in India – an analysis of NFHS 4 data” is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



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## CERTIFICATE

I hereby certify that the dissertation entitled “Cervical examination and its determinants among women of age group 30-49 years in India – an analysis of NFHS 4 data” is a record of the research work undertaken by *Sarangi Das* in partial fulfilment of the requirements for the award of the degree ‘Master of Public Health (MPH)’ under my guidance and supervision.



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**TITLE OF THE DISSERTATION**

**FACTORS ASSOCIATED WITH HIGH LEVEL OF SMOKELESS  
TOBACCO USE AMONG WOMEN AND QUIT ATTEMPTS AMONG  
WOMEN SMOKELESS TOBACCO USERS IN ASSAM.**

**Dr. Shanti Priya Kindo**

**Roll No. MMP051923**

**Dissertation submitted in partial fulfillment of the requirements for the award of the  
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## DECLARATION

I hereby declare that this dissertation titled –“*Factors associated with high level of smokeless tobacco use among women and quit attempts among smokeless tobacco women users in Assam*”, is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

A rectangular box containing a handwritten signature in blue ink that reads "Shantipriya Kindo".

(Signature of Candidate)

Name of the candidate in capital letters

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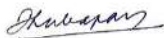
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## CERTIFICATE

Certified that the dissertation titled - *“Factors associated with high level of smokeless tobacco use among women and quit attempts among smokeless tobacco women users in Assam”*, is a record of the research work undertaken by SHANTI PRIYA KINDO in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



(Signature of the Guide)

Name of the guide in capital letters- DR. K. R. THANKAPPAN

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**TRENDS AND QUALITY OF COVID-19 RELATED INFORMATION,  
EDUCATION AND COMMUNICATION (IEC) MATERIALS  
PUBLISHED BY MINISTRY OF HEALTH AND FAMILY WELFARE,  
GOVERNMENT OF INDIA: A COMBINED CONTENT ANALYSIS**

**Dr. SONIYA BISWAS  
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I hereby declare that this dissertation titled *“Trends and quality of COVID-19 related Information, Education and Communication (IEC) materials published by Ministry of Health and Family Welfare, Government of India: a combined content analysis”* is the bonafide record of my original research. It has not been submitted to any other University or Institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.

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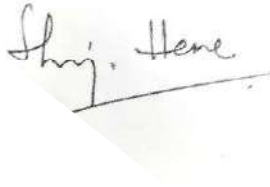
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## CERTIFICATE OF SUPERVISION

Certified that the dissertation titled *“Trends and quality of COVID-19 related Information, Education and Communication (IEC) materials published by Ministry of Health and Family Welfare, Government of India: a combined content analysis”* is a record of the research work undertaken by *Dr. Soniya Biswas* in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

A handwritten signature in black ink, reading "Dr. Sibasis Hense", is written over a light-colored rectangular stamp or watermark.

Dr. Sibasis Hense  
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**RELATIONSHIP BETWEEN DIETARY PATTERN AND DIABETES  
MELLITUS IN INDIAN ADULT POPULATION – A SECONDARY  
ANALYSIS USING NATIONAL FAMILY HEALTH SURVEY-4**

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## DECLARATION

I hereby declare that this dissertation titled “*Relationship between dietary pattern and diabetes mellitus in Indian adult population – a secondary analysis using national family health survey-4*” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



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Certified that the dissertation titled “*Relationship between dietary pattern and diabetes mellitus in Indian adult population – a secondary analysis using national family health survey-4*” is a record of the research work undertaken by Dr.SREETHA K in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

A handwritten signature in black ink, reading "Elizabeth Mathews", written in a cursive style and underlined.

Dr. ELEZEBETH MATHEWS

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**SEVERE ANEMIA AND ITS CORRELATES AMONG CHILDREN  
AGED 6-59 MONTHS IN EMPOWERED ACTION GROUP STATES  
IN INDIA**

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## DECLARATION

I hereby declare that this dissertation titled “Severe anemia and its correlates among children aged 6-59 months in Empowered Action Group states in India” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



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Certified that the dissertation titled “Severe anemia and its correlates among children aged 6-59 months in Empowered Action Group states in India” is a record of the research work undertaken by Dr. THUSHARAMOL N S in partial fulfilment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.



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**STATE WIDE TRENDS AND CORRELATES OF HARD-CORE SMOKING  
AMONG DAILY SMOKERS IN INDIA- FINDINGS FROM GLOBAL  
ADULT TOBACCO SURVEY 1 & 2**

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## **Declaration of authorship by the student**

I hereby declare that this dissertation titled ‘**State wide Trends and Correlates of Hard-core smoking among daily smokers in India- Findings from Global Adult Tobacco Survey 1 & 2**’ is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



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Month and year: April, 2021



## **Certificate by guide**

Certified that the dissertation titled “**State wide Trends and Correlates of Hard-core smoking among daily smokers in India- Findings from Global Adult Tobacco Survey 1 & 2**” is a record of the research work undertaken by Dr. VEENA K P in partial fulfillment of the requirements for the award of the degree of “Master of Public Health” under my guidance and supervision.

*K. Elezabeth Mathews*

Dr. ELEZEBETH MATHEWS

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**EFFECT OF SOCIOECONOMIC STATUS ON SMOKING CESSATION BEHAVIOR IN  
SELECTED AFRICAN COUNTRIES: SECONDARY ANALYSIS OF GATS DATA (2014  
- 2018)**

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## DECLARATION

I hereby declare that this dissertation titled “effect of socioeconomic status on smoking cessation behavior in selected African countries: secondary analysis of GATS data (2014 - 2018)” is the bonafide record of my original research. It has not been submitted to any other university or institution for the award of any degree or diploma. Information derived from the published or unpublished work of others has been duly acknowledged in the text.



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