

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
BODARAPU GANGA BHAVANI
Rg NO:119134801062,2019-2022

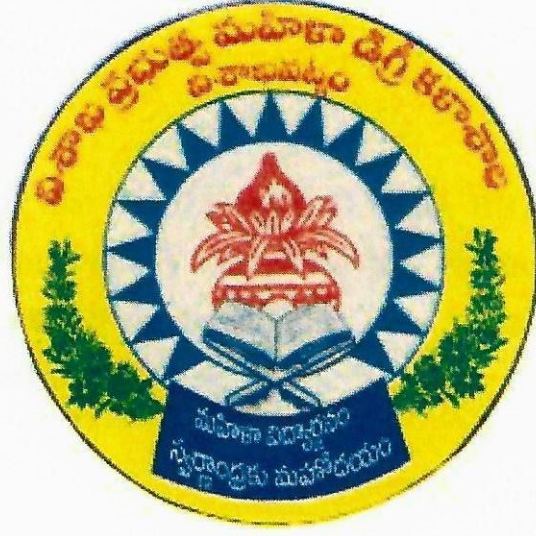
Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

BODARAPU GANGA BHAVANI

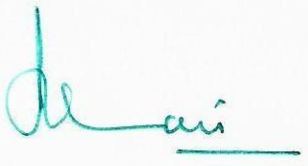
Degree: 3rd Year

CERTIFICATE

This is to certify that **BODARAPU GANGA BHAVANI**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
GEDELA SANDHYA
Rg NO:119134801066 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

GEDALA SANDHYA

Degree: 3rd Year

CERTIFICATE

This is to certify that **GEDALA SANDHYA** , student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
KORRA SUSMITHA
Rg NO:119134801083 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

KORRA SUSMITHA

Degree: 3rd Year

CERTIFICATE

This is to certify that **KORRA SUSMITHA**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India using Data Visualisation**” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
UGGINA RUPA
Rg NO:119134801089,2019-2022**

**Under the guidance of
Dr. Y.Ramesh Babu**

**A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work**



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

UGGINA RUPA

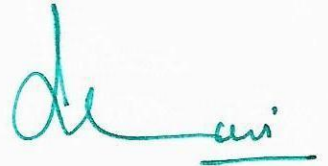
Degree: 3rd Year

CERTIFICATE

This is to certify that **UGGINA RUPA** student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



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Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
JONNADA SANTHI
Rg NO:119134801082 ,2019-2022

Under the guidance of
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A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
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VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

JONNADA SANTHI

Degree: 3rd Year

CERTIFICATE

This is to certify that **JONNADA SANTHI** , student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY

BATTA POTHLU ROHINI
Rg NO:11913480161,2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakhapatnam Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:-

Dr. H. Ramesh Babu

STUDENT:


Batta Pothlu Rohini

Degree: 3rd Year

CERTIFICATE

This is to certify that **BATTA POTHLU ROHINI**, student of Degree **3rd Year** has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.


Teacher signature


Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
KONDAPALLI JYOTHI
Rg NO:119134801069 ,2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:-

Dr. H. Ramesh Babu

STUDENT:

KONDAPALLI JYOTHI


Degree: 3rd Year

CERTIFICATE

This is to certify that **KONDAPALLI JYOTHI**, student of Degree 3RD Year has successfully completed the research on the project "**Analysis of Covid-19 impact on India** ~~and Data Visualisation~~" under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Teacher signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
KOPPALA APARNA
Rg NO:119134801071,2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

KOPPALA APARNA


Degree: 3rd Year

CERTIFICATE

This is to certify that **KOPPALA APARNA**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
OLESI DEEPIKA
Rg NO:119134801076,2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

Olesi Deepika

Degree: 3rd Year

CERTIFICATE

This is to certify that **OLESI DEEPIKA** , student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India using Data Visualisation**” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Dr. Y. Ramesh Babu
Teacher signature



Olesi Deepika
Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
PERURI LAVANYA LAKSHMI
Rg NO:119134801080 ,2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
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VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

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STUDENT:

PERURI LAVANYA LAKSHMI


Degree: 3rd Year

CERTIFICATE

This is to certify that **PERURI LAVANYA LAKSHMI**, student of Degree 3RD Year has successfully completed the research on the project "**Analysis of Covid-19 impact on India using Data Visualisation**" under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
SARAKANA TRIVENI
Rg NO:119134801083 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

SARAKANA TRIVENI

Degree: 3rd Year

CERTIFICATE

This is to certify that **SARAKANA TRIVENI**, student of Degree 3RD Year has successfully completed the research on the project "**Analysis of Covid-19 impact on India using Data Visualisation**" under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
POIBA BABY
Rg NO:119134801081, 2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

CERTIFICATE

This is to certify that **POIBA BABY**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India using Data Visualisation**” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



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Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
SIMMA SALOMI
Rg NO:119134801086 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

SIMMA SALOMI

Degree: 3rd Year

CERTIFICATE

This is to certify that **SIMMA SALOMI** , student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**IMPACTS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

BY
KOLLI PADMA
Rg NO:119134801070, 2019-2022

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022

Visakhapatnam Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:-

Dr. H. Ramesh Babu

STUDENT:

KOLLI PADMA

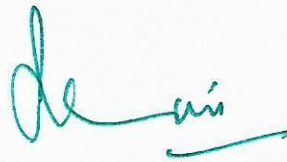
Degree: 3rd Year

CERTIFICATE

This is to certify that **KOLLI PADMA**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
IRATA JYOTHI
Rg NO:119134801068 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

IRATA JYOTHI


Degree: 3rd Year

CERTIFICATE

This is to certify that **IRATA JYOTHI**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
SOBHA JANAKI
Rg NO:119134801085 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

SOBHA JANAKI

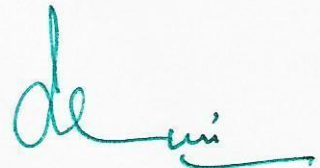
Degree: 3rd Year

CERTIFICATE

This is to certify that **SOBHA JANAKI**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
SWABHI MAHESWARI
Rg NO:119134801087 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

SWABHI MAHESWARI

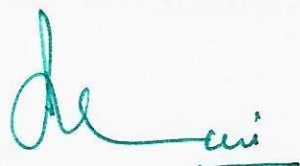
Degree: 3rd Year

CERTIFICATE

This is to certify that **SWABHI MAHESWARI**, student of Degree 3RD Year has successfully completed the research on the project "**Analysis of Covid-19 impact on India using Data Visualisation**" under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
CHITTAMNAIK JEMMA
Rg NO:119134801065,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
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VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

Chittannaik Jemma

Degree: 3rd Year

CERTIFICATE

This is to certify that **CHITTAMNAIK JEMMA**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
SEEDARI SANDHYA
Rg NO:119134801084 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu


STUDENT:

SEEDARI SANDHYA

Degree: 3rd Year

CERTIFICATE

This is to certify that **SEEDARI SANDHYA** , student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
MUNJI SWARNAKUMARI
Rg NO:119134801075 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
Degree in Social Work



**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu


STUDENT:

MUNJI SWARNA KUMARI


Degree: 3rd Year

CERTIFICATE

This is to certify that **MUNJI SWARNA KUMARI**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



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Principal Signature

**ANALYSIS OF COVID-19 IMPACT TO INDIA USING DATA VISUALISATION
A STUDY IN VISAKHAPATNAM CITY, ANDHRA PRADESH**

**BY
KORRA JYOSHNA
Rg NO:119134801073 ,2019-2022**

Under the guidance of
Dr. Y.Ramesh Babu

A Project report submitted to the
Andhra University
In Partial fulfillment of the requirement for B.A
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**VISAKHA GOVT.DEGREE COLLEGE FOR WOMEN
(U.G.COURSES)
VISAKHAPATNAM
2019-2022**

Visakha Government Degree College For Womens



INFORMATIC PRACTICES

DEGREE: 3RD Year

LECTURER:

Dr.Y. Ramesh Babu

STUDENT:

KORRA JYOSHNA

Degree: 3rd Year

CERTIFICATE

This is to certify that **KORRA JYOSHNA**, student of Degree 3RD Year has successfully completed the research on the project “**Analysis of Covid-19 impact on India** using Data Visualisation” under the guidance of **Dr.Y. Ramesh Babu** during the year 2019-22.



Lecturer signature



Principal Signature