

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Industrial Training" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nishtha Awasthi D/o Mr. N. K. Awasthi under my supervision and guidance. I wish Nishtha Awasthi all the success in her academics.

Place: Bilaspur

Date: 14/Sept./2022.

A handwritten signature in blue ink, appearing to read "Gunjan Patil".

Dr. Gunjan Patil

Supervisor

Assistant Professor

**Department of Forestry Wildlife and
Environmental Science, Guru Ghasidas**

Vishwavidyalaya, Bilaspur C.G

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled “Student Project” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nishtha Awasthi D/o Mr. N. K. Awasthi under my supervision and guidance.

I wish Nishtha Awasthi all the success in her academics.

Place: Bilaspur

Date: ..14../Sept./2022.

Dr. Gunjan Patil

Supervisor

Assistant Professor

Department of Forestry Wildlife and

Environmental Science, Guru Ghasidas

Vishwavidyalaya, Bilaspur C.G

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled “Computational Skill” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nishtha Awasthi D/o Mr. N. K. Awasthi under my supervision and guidance. I wish Nishtha Awasthi all the success in her academics.

Place: Bilaspur

Date: 14./Sept./2022.



Dr. Gunjan Patil

Supervisor

Assistant Professor

**Department of Forestry Wildlife and
Environmental Science, Guru Ghasidas**

Vishwavidyalaya, Bilaspur C.G

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled “Forest Attachment” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nishtha Awasthi D/o Mr. N. K. Awasthi under my supervision and guidance.

I wish Nishtha Awasthi all the success in her academics.

Place: Bilaspur

Date: ..14../Sept./2022.

Dr. Gunjan Patil

Supervisor

Assistant Professor

Department of Forestry Wildlife and

Environmental Science, Guru Ghasidas

Vishwavidyalaya, Bilaspur C.G

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Shree Vatsh Singh S/O Mr. Vipnesh Singh is a regular student of M.Sc. Forestry 4th Semester during the session of 2020-22 of Department of Forestry, Wildlife and Environmental Sciences. He has completed this student project entitled "A REPORT ON QGIS TRAINING" during this semester under my guidance. I wish him all the success in his academics.

Supervisor:-

Dr. Brijendra pratap singh

Assistant Professor, Department of
Forestry, Wildlife and Environmental
Science

Date: 12/03/22

Guru Ghasidas Vishwavidyalaya, Bilaspur(C.G)

(A central university established under Central Universities Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Shree Vatsh Singh S/O Mr. Vipnesh Singh is a regular student of M.Sc. Forestry 4th Semester during the session of 2020-22 of Department of Forestry, Wildlife and Environmental Sciences. He has completed this student project entitled **“A REPORT ON FOREST ATTACHMENT PALI, BILASPUR (CG)”** during this semester under my guidance. I wish him all the success in his academics.

Supervisor :

Dr. Brijendra pratap singh

Assistant Professor, Department of
Forestry, Wildlife and Environmental
Science

Date: 12/05/22

Guru Ghasidas Vishwavidyalaya, Bilaspur(C.G)

(A central university established under Central Universities Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Shree Vatsh Singh S/O Mr. Vipnesh Singh is a regular student of M.Sc. Forestry 4th Semester during the session of 2020-22 of Department of Forestry, Wildlife and Environmental Sciences. He has completed this student project entitled **“A REPORT ON INSTITUTIONAL TRAINING AT INSTITUTE OF FOREST PRODUCTIVITY”** during this semester under my guidance. I wish him all the success in his academics.

Supervisor:-

Dr. Brijendra pratap singh

Assistant Professor, Department of
Forestry, Wildlife and Environmental
Science

date: 12/09/22

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Shree Vatsh Singh S/O Mr. Vipnesh Singh is a regular student of M.Sc. Forestry 4th Semester during the session of 2020-22 of Department of Forestry, Wildlife and Environmental Sciences. He has completed this student project entitled **“Lichen population diversity with respect to air quality along road side pf Achanakmaar biosphere reserve and chhattisgarh”** during this semester under my guidance. I wish him all the success in his academics.

Date: 12/09/22

Supervisor :-

Dr. Brijendra pratap singh

Assistant Professor, Department of
Forestry, Wildlife and Environmental
Science

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the report entitled “ **Computational Skill** ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by **Mary Juli Tirkey D/o Mr. V.b Tirkey** under my supervision and guidance.*

*I wish **Mary Juli Tirkey** all the success in her academics.*

Place: Bilaspur

Date: 14/...../Sept./2022.

Dr. Garima Tiwari
Supervisor
Assistant Professor

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Forest Attachment ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mary Juli Tirkey D/o Mr. V.B Tirkey under my supervision and guidance.

I wish Mary Juli Tirkey all the success in his academics.

Place: Bilaspur

Date: 14/09/2022

A handwritten signature in blue ink, appearing to read 'Garima Tiwari', is written over a horizontal line.

Dr. Garima Tiwari
Supervisor
Assistant Professor

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Institutional Report.” Submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mary Juli Tirkey D/o Mr. V.B Tirkey under my supervision and guidance.

I wish Mary Juli Tirkey all the success in her academics.

Place: Bilaspur

Date: 11/09/2022.

A handwritten signature in blue ink, appearing to read 'Garima Tiwari', is written over the printed name and title.

Dr. Garima Tiwari
Supervisor
Assistant Professor

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Student Report." Submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mary Juli Tirkey D/o Mr. V.B Tirkey under my supervision and guidance.

I wish Mary Juli Tirkey all the success in her academics.

Place: Bilaspur

Date: 11...../Sept./2022.

A handwritten signature in blue ink, appearing to read 'Garima Tiwari', is written over the printed name.

Dr. Garima Tiwari
Supervisor
Assistant Professor

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)
(A Central University Established Under Central University Act 1956, No. 19 of 1956)



I have great pleasure in certifying that Ms. Prachi ujala sahu ,D/o Mr. Hemchand ujala sahu is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this Computer Application training entitled "Training report on Field Training (Attachment with State Forest Department)" during this semester under my guidance.

I wish her all the success in her future academic endeavours.

Date - 16 sept. 2022

A. K. Bhowari
Dr. Bhavana Dixit

Assistant Professor
Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



This is to certify that the Student report entitled " A study of some common wood rotting fungi from chilpi wood depot kabirdham chhattisgarh "submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Prachi ujala sahu, D/o Mr. Hemchand ujala sahu, under my supervision and guidance.

I wish Prachi ujala sahu all the success in his academics.

Place: Bilaspur

Date: ...16/Sept./2022.

for A.M. Bhardwaj

Dr. Binay Kumar Dink

supervisor

Assistant professor

**Department of forestry, wildlife
and environmental science,**

Guru Ghasidas

Vishwavidyalaya, Bilaspur C.G.

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)




This is to certify that the Institutional training report entitled "INSTITUTE OF FOREST PRODUCTIVITY (I.F.P)" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Prachi Ujala Sahu, D/o Mr.Hemchand Ujala Sahu, under my supervision and guidance.

I wish Prachi Ujala Sahu all the success in her academics.

Place: Bilaspur

Date: ...16../Sept./2022.

for 
A.K. Khurana
Dr. ~~XXXXXXXXXX~~

(supervisor)

Assistant Professor

Department of forestry, Wildlife and
Environmental Sciences, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.g.

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



This is to certify that the Institutional training report entitled "QGIS training program" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Prachi ujala sahu, D/o Mr. Hemchand ujala sahu, under my supervision and guidance.

I wish Prachi ujala sahu all the success in her academics.

Place: Bilaspur

Date: 16/Sept./2022.

Dr. A.K. Bhardwaj
Dr. ~~Bhawanee Dixit~~
supervisor
Assistant professor
Department of forestry, wildlife
and environmental science,
Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Status of Regeneration in Shorea robusta Gaertn. (Sal) at Pali (Chhattisgarh) & Rahra (Jharkhand) Forests" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Gautam Kumar S/o Mr. Vijay Kumar Agrawal under my supervision and guidance.

I wish Gautam Kumar all the success in his academics.

Place: Bilaspur

Date : 13/Sept./2022


Prof. K.K. Chandra

Supervisor

(Head of Department)

Professor

Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.

Head

प्रधान, वन्यजीव एवं पर्यावरण विभाग

Department of Forestry, Wildlife and Environmental Science

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Computer Application training report work entitled "Training report on Computational Skills" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Gautam Kumar S/o Mr. Vijay Kumar Agrawal under my supervision and guidance.

I wish Gautam Kumar all the success in his academics.

Place: Bilaspur

Date : 13/Sept./2022

Prof. K.K. Chandra

Supervisor

(Head of Department)

Professor

**Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur, C.G.**

**विभागाध्यक्ष
Head**

**कृषि, वन्यजीव एवं पर्यावरण विभाग
Department of Forestry, Wildlife and Environmental Science
गुरु गणेशदास विश्वविद्यालय, बिलासपुर (छ.प्र.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)**

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Industrial training report work entitled "Institute of Forest Productivity, Ranchi & Sericulture Training Koni, Bilaspur (C.G.)" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Gautam Kumar S/o Mr. Vijay Kumar Agrawal under my supervision and guidance.

I wish Gautam Kumar all the success in his academics.

Place: Bilaspur

Date : 13/Sept./2022

d 13/9/2022

Prof. K.K.Chandra

Supervisor

(Head of Department)

Professor

Department of Forestry, Wildlife and Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

विभागाध्यक्ष
Head
कानिडी, वन्यजीव एवं पर्यावरण विभाग
Department of Forestry, Wildlife and Environmental Science
गुरु गणेशदास विश्वविद्यालय, बिलासपुर (छ.प्र.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



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I wish Gautam Kumar all the success in his academics.

Place: Bilaspur

Date : 13/Sept./2022

Prof. K.K. Chandra

Supervisor

(Head of Department)

Professor

**Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur, C.G.**

**विभागाध्यक्ष
Head**

**जानिकी, वन्यजीव एवं पर्यावरण विभाग
Department of Forestry, Wildlife and Environmental Science
गुरु गहासीदास विश्वविद्यालय, बिलासपुर (छ.प्र.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)**

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Training Report" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nisha Gaherwar d/o Mr Chandrakant Gaherwar under my supervision and guidance.

I wish Nisha Gaherwar all the success in her academics.

Place: Bilaspur

Date: 11/09/2022.

Dr. Gunjan Patil

Assistant Professor
Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Industrial Training Report" submitted in partial fulfilment of the requirement for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nisha Gaherwar d/o Mr. Chandrakant Gaherwar under my supervision and guidance.

I wish Nisha Gaherwar all the success in her academics.

Place: Bilaspur

Date: 14/09/2022

A handwritten signature in blue ink, appearing to read "Gunjan Patil".

Dr. Gunjan Patil
Supervisor

Assistant professor
Department of Forestry, Wildlife
and Environmental Sciences,
Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the student report on "Computational Training Report" submitted in partial fulfilment of the requirements for The Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nisha Gaherwar d/o Mr Chandrakant Gaherwar under my supervision and guidance.

I wish Nisha Gaherwar all the success in her academics.

Dr. Gunjan Patil

Assistant Professor
Department of Forestry,
Wildlife & Environmental
Sciences
GGV, Bilaspur (C.G)

Place: Bilaspur

Date: 14/Sept./2022.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Analysis of Ambient Air Quality using AQI- A case study of Bilaspur, (C.G.)" submitted in partial fulfilment of the requirement for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nisha Gaherwar d/o Mr. Chandrakant Gaherwar under my supervision and guidance.

I wish Nisha Gaherwar all the success in her academics.

Place: Bilaspur

Date: 14/09/2022

A handwritten signature in blue ink, appearing to read "Gunjan Patil".

Dr. Gunjan Patil

Supervisor
Assistant professor
Department of Forestry, Wildlife
and Environmental Sciences,
Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Computational Skill ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Himani Sahu, D/o Mr. B.L. Sahu under my supervision and guidance.

I wish Himani Sahu all the success in her academics.

Place: Bilaspur

Date: ...13.../Sept./2022.

A handwritten signature in blue ink, appearing to be 'K.K. Chandra', is written over the printed name.

Prof. K.K.Chandra
Supervisor
Head of Department
Professor

Department of Forestry, Wildlife and
environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur
C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Forest Attachment ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Himani sahu D/o Mr. B.L. Sahu under my supervision and guidance.

I wish Himani Sahu all the success in his academics.

Place: Bilaspur

Date:13...../Sept./2022.

A handwritten signature in blue ink, appearing to be 'K.K. Chandra', is written over the printed name.

Prof. K.K.Chandra
Supervisor
Head of Department
Professor

Department of Forestry, Wildlife and
environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur
C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Institutional Report.” Submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Himani sahu D/o Mr. B.L. Sahu under my supervision and guidance.

I wish Himani Sahu all the success in her academics.

Place: Bilaspur

Date: ..13../Sept./2022

A handwritten signature in blue ink, appearing to be 'K.K. Chandra', is written above the printed name.

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

**Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Student Report.” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Himani sahu D/o Mr. B.L. Sahu under my supervision and guidance.

I wish Himani Sahu all the success in her academics.

Place: Bilaspur

Date: .13.../Sept./2022

A handwritten signature in blue ink, appearing to be 'K.K. Chandra', written over a white background.

Prof. K.K.Chandra
Supervisor
Head of Department
Professor

Department of Forestry, Wildlife and
environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur
C.G.

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

(Central university established by the central university Act 2009.No 25 of 2009)



CERTIFICATE

*This is to certify that the Student report entitled Forest Attachment Report submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences** in Department of Forestry, Wildlife & Environmental Sciences, **Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh)** is the work carried out by Miss **Karnika Verma D/O Shyam Kumar Verma** under my supervision and guidance.*

*I wish **Karnika Verma** all the success in her academics.*

Place: Bilaspur

Date: 14/Sept./2022.


Prof. S. S. Dhuria

Supervisor

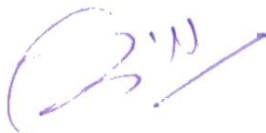
PROFESSOR

Department of Forestry, Wildlife and

Environmental Science

Guru Ghasidas

Vishwavidyalaya, Bilaspur C.G.



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE


This is to certify that the Student report entitled "Effects of Different Seedling Growth Attributes of Pre-treated Seeds of Tectona grandis Linn.f." submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Karnika Verma D/o Mr. Shyam Kumar Verma under my supervision and guidance.

I wish Karnika Verma all the success on her academics.

Place: Bilaspur

Date: 14/Sept./2022.

A handwritten signature in purple ink, appearing to be "S.S. Dhuria", is located at the bottom left of the page.


Supervisor
Prof. S. S. Dhuria
Department of Forestry, Wildlife
& Environmental Science
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Computational Skills & QGIS" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Karnika Verma D/o Mr. Shyam Kumar Verma under my supervision and guidance.

I wish Karnika Verma all the success on her academics.

Place: Bilaspur

Date: 14 / Sept / 2022.

A handwritten signature in blue ink, appearing to be "N. S. Dubey".

A handwritten signature in blue ink, appearing to be "N. S. Dubey".
Prof. N. S. Dubey
Supervisor
Professor
Department of Forestry, Wildlife
& Environmental Sciences
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

(Central university established by the central university Act 2009.No 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Institutional Attachment Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Karnika Verma D/o Mr. Shyam Kumar Verma under my supervision and guidance.

I wish Karnika Verma all the success in her academic endeavor.

Place: Bilaspur

Date: 14/03/22


Prof. S. S. Dhuria

Supervisor

Professor

*Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas*

Vishwavidyalaya, Bilaspur C.G.



GURU GHASIDAS VISWAVIDYALAYA, BILASUR (C.G.)

(A central university established by the Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Computer Application training report work entitled "Training report on Computational Skills" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr Naveen Kumar Vaibhav S/o Late Kalaram Vaibhav under my supervision and guidance.

I wish Naveen Kumar Vaibhav all the success in his academics.

Place: Bilaspur

Date: 14/Sept./2022

Dr. S.S. DHURIA

Professor

Department of Forestry,
Wildlife and Environmental Science
Guru Ghasidas
Vishwavidyalaya, Bilaspur, C.G.

GuruGhasidas Vishwavidyalaya, Bilaspur (C.G)

(AcentraluniversityestablishedunderCentralUniversitiesAct 2009, No.25of 2009)

CERTIFICATE – I

This is to certify that the Student Project entitled “Seed Viability Of *Azadirachta indica*(Neem) & *Syzygium cumini*(Jamun) Of Pali & Bilaspur Forest Region.” submitted by Naveen Kumar Vaibhav to the partial fulfilment of the requirement for the award of the degree of *Master of Science(Forestry and Environmental Science)* from GuruGhasidas Central University, is the outcome of an original research work carried out by him under my supervision. The results embodied in this report is original and have not been previously submitted either in part or full to any other institution, for the award of any degree or diploma.

I wish him all success in his future endeavours.

Place – Bilaspur

Date – 14/sept. / 2022


14/9/22
Dr. S.S. Dhuria

(Supervisor)
Professor

Department of Forestry &
Environmental Science
GGV, Bilaspur (C.G.)

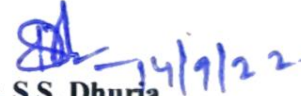

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(AcentraluniversityestablishedunderCentralUniversitiesAct2009, No.25of 2009)

CERTIFICATE

This is to certify that the *Forest Attachment Report* submitted for the partial fulfillment of Degree of *Master of Science in Forestry to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh* has been carried out by *Mr Naveen kumar vaibhav, M.Sc. Forestry, Final Semester, and Enrollment No. (GGV/20/06707)* under my guidance and supervision.

I wish his all the success in his future academic endeavors.


Dr. S.S. Dhuria
professor

Department of Forestry and Wildlife
& Environmental Science
GGV, Bilaspur, CG

Date - 14/09/22





INSTITUTE OF FOREST PRODUCTIVITY

RANCHI

(Indian Council of Forestry Research and Education, Dehradun)

CERTIFICATE

NAVEEN KUMAR VAIBHAV

Certified that Mr./Mrs./Miss of Guru Ghasidas University,

Bilaspur, Chhattisgarh has successfully completed the institutional attachment training programme organized by Institute of Forest Productivity, Ranchi from 18.04.2022 to 28.04.2022. The institute wishes bright future of his/her for future endeavour in academic advancement.

(Dr. Yogeshwar Mishra)

Group Coordinator (Research) cum
Training Coordinator

(Dr. Nitin Kulkarni)

Director



CERTIFICATE

I have great pleasure in certifying that **Mr. Atul kumar S/O Mr. Rajesh kumar kevat** is a regular student of M.Sc. Forestry **4th Semester** during the session of 2021-22 of Department of Forestry. He has completed "field training entitled, **FOREST ATTACHMENT PROGRAM.**" during this semester under my guidance.

I wish him all the success in his academics.

Date - 14/09/22


(Dr. S.S. Dhuria)

supervisor



GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Institutional training report entitled "INSTITUTE OF FOREST PRODUCTIVITY (I.F.P) "submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Atul Kumar, S/o Mr. Rajesh Kumar Kevat, under my supervision and guidance.

I wish Atul Kumar all the success in his academics.

Place: Bilaspur

Date: 14/09/2022.

Dr. S.S. DHURIA

(supervisor)

Professor

Department of forestry, Wildlife and
Environmental Sciences, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.g.

Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

CERTIFICATE

I have great pleasure in certifying that **Mr. Atul kumar S/O Mr. Rajesh kumar kevat** is a regular student of M.Sc. Forestry 4th Semester during the session of 2021-22 of Department of Forestry. He has completed "field training entitled, **FOREST ATTACHMENT PROGRAM.**" during this semester under my guidance.

I wish him all the success in his academics.

Date - 14/09/22


(Dr. S.S Dhuria)

supervisor



GURU GHASIDAS VISHWAVIDYALAYA

Bilaspur (C.G.)

(A Central University)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Atul kumar, S/O Mr. Rajesh Kumar Kevat is a regular student of M.Sc. Forestry 4th Semester during the session of 2021-22 of Department of Forestry. He has completed "training entitled, QGIS TRAINING PROGRAM." during this semester under my guidance.

I wish him all the success in his academics.

date - 14/09/22

A handwritten signature in blue ink, appearing to be "S.S. Dhuria", written over a horizontal line.


Supervisor:

Dr. S.S Dhuria

(Professor)

Dept. of Forestry, Wildlife and

Environmental Sciences.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the A report entitled "Computer Training Program on QGIS" submitted in partial fulfilment of the requirement for the Degree of Master of Science in Forestry and Environmental Science in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Laiba Aman Hamid D/O Mr. Hamid Ulla under my supervision and guidance.

I wish Laiba Aman Hamid all the success in her academics.

Place: Bilaspur

Date: 14.09.22

Supervisor

Prof. S. S. Dhuria
Professor
Department of Forestry,
wildlife &
Environmental Sciences

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the student report entitled "Study on Damaging Symptoms of Insect Infecting in Karanj (Milletia pinnata L.) at Bilaspur, Chhattisgarh" submitted in partial fulfillment of the requirement for the Degree of **Master of Science in Forestry and Environmental Science** in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Laiba Aman Hamid D/O Mr. Hamid Ulla under my supervision and guidance.*

I wish Laiba Aman Hamid all the success in her academics.

Place: Bilaspur

Date: 14.09.22

Supervisor

Prof. S.S. Dhuria

Professor

Department of Forestry, Wildlife
& Environmental Sciences

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the A report entitled "Institutional Training" submitted in partial fulfillment of the requirement for the Degree of Master of Science in Forestry and Environmental Science in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Laiba Aman Hamid D/O Mr. Hamid Ulla under my supervision and guidance.

I wish Laiba Aman Hamid all the success in her academics.

Place: Bilaspur

Date: 14.09.2022

Supervisor 14/9/22

Prof. S. S. Dhuria

Professor

Department of Forestry
and Environmental
Science

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that A report on entitled "Forest Attachment" submitted in Partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G) is the work carried out by Miss. Laiba Aman Hamid D/O Mr. Hamid Ulla my supervision and guidance.

I wish Laiba Aman Hamid all the success in her academics.

Place-Bilaspur

Date- 14.09.22


Supervisor 14/9/22

Prof. S. S. Dhuria

Professor

Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)




CERTIFICATE

This is to certify that the report entitled "Forest Attachment" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Reetu Sahu D/o Mr. Gopal Prasad Sahu under my supervision and guidance.

I wish Reetu Sahu all the success in her academics.

Place: Bilaspur

Date: ..15./Sept./2022.


Supervisor
A.K. Bhadwal
~~Dr. Bhavana Dutt~~

Assistant Professor

Department of Forestry Wildlife and
Environmental Science

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)




CERTIFICATE

*I have great pleasure in certifying that **MISS. REETU SAHU** D/O **MR. GOPAL PRASAD SAHU** is a regular student of M.Sc. Forestry IV Semester during the session of 2020-2022 of Department of Forestry, Wildlife and Environmental Science. She has completed this student project entitled "**Study of phenological variation and soil analysis of Jamun in natural forest of Bilaspur Forest division**" under the guidance and with the support of Faculty Members of Forest Department, Bilaspur and the Faculty Members of Guru Ghasidas Vishwavidyalaya, Bilaspur*

I wish her all the success.

Date: 15/09/22


Supervisor
A.K. Khordwari
Dr. ~~Bhavana Dixit~~

Assistant Professor

Department of Forestry Wildlife and
Environmental Science

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)




CERTIFICATE

This is to certify that the institutional training report entitled “Industrial Training in Institute of Forest Productivity (IFP)” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Reetu Sahu D/o Mr. Gopal Prasad Sahu under my supervision and guidance.

I wish Reetu Sahu all the success in her academics.

Place: Bilaspur

Date: .15.../Sept./2022.

for 
A.K. Bhambhani
Dr. Bhavana Dixit

Supervisor
Assistant Professor
Department of Forestry Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central
Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that **MISS. REETU SAHU** D/O MR. GOPAL PRASAD SAHU is a regular student of M.Sc. Forestry IV Semester during the session of 2020-2022 of Department of Forestry, Wildlife and Environmental Science. She has completed Computer Training under the guidance and with the support of Faculty Members of Forest Department, Bilaspur and the Faculty Members of Guru Ghasidas Vishwavidyalaya Bilaspur*

I wish her all the success.

for 

Supervisor

Dr. B. K. Shrivastava

Assistant Professor

Department of Forestry Wildlife and
Environmental Science

Date: 15/09/22

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the student report entitled " Student project Report-
On Medicinal plants for Covid-19 Care" submitted in partial fulfilment of the
requirements for the Degree of Master of Science in Forestry and
Environmental Sciences in Department of Forestry, Wildlife & Environmental
Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work
carried out by Miss Hricha Chauhan S/o Mr. Santosh Singh Chauhan under my
supervision and guidance.*

I wish Hricha Chauhan all the success in her academics.

Place: **Bilaspur**

Date: ...16../Sept./2022.


Dr. Garima Tiwari

Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya; Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Industrial Attachment Report- on I.F.P. Ranchi(j.k.) and Sericulture training Bilaspur" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Hricha Chauhan S/o Mr. Santosh Singh Chauhan under my supervision and guidance.

I wish Hricha Chauhan all the success in her academics.

Place: **Bilaspur**

Date: ..1.6.../Sept./2022.

Dr. Garima Tiwari

Assistant Professor

**Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya; Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Forest Attachment Report-
Central Nursery (Bhaisajhar); Teakforest & Wood depot (kota) & Raigarh
Forest Division Raigarh; Chhattisgarh" submitted in partial fulfillment of
the requirements for the Degree of Master of Science in Forestry and
Environmental Sciences in Department of Forestry, Wildlife &
Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur
(Chhattisgarh) is the work carried out by Miss Hricha Chauhan S/o Mr.
Santosh Singh Chauhan under my supervision and guidance.
I wish Hricha Chauhan all the success in her academics.

Place: **Bilaspur**

Date: ...16../Sept./2022.

Dr. Garima Tiwari
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya; Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled "Training Report-on Computational skills" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Hricha Chauhan S/o Mr. Santosh Singh Chauhan under my supervision and guidance.

I wish Hricha Chauhan all the success in her academics.

Place: **Bilaspur**

Date: ...16../Sept./2022.

A handwritten signature in blue ink, appearing to read "Garima Tiwari", is written over a thin blue line.

Dr. Garima Tiwari

(Supervisor)

Assistant Professor

**Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya; Bilaspur C.G.**




GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)
(A Central University Established Under Central University Act 2009, No.25 of 2009)

CERTIFICATE

This is to certify that the Project report entitled “Central Nursery (Bhaisajhar), Teak Plantation & Wood depot (Kota), Raigarh Division, Raigarh, C.G.” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Vivekanand Yadav S/o Mr. Tribhuwan Yadav under my supervision and guidance.

I wish Vivekanand Yadav all the success in his academics.

Place: Bilaspur
Date: 12/Sept./2022.


Dr. A. K. BHARDWAJ
(supervisor)
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)
(A Central University Established Under Central University Act 2009, No.25 of 2009)

CERTIFICATE

This is to certify that the Computer Application training report work entitled "Training report on Computation Skills" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Vivekanand Yadav S/o Mr. Tribhuwan Yadav under my supervision and guidance.

I wish Vivekanand Yadav all the success in his academics.

Place: **Bilaspur**

Date: 12/Sept./2022.

Dr. A. K. BHARDWAJ
(supervisor)

Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur(C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Analysis Of different Soil Parameters Under Rhizospheric Zones Of Selected Tree Plantation” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences ,Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Vivekanand Yadav S/o Mr. Tribhuwan Yadav under my supervision and guidance.

I wish Vivekanand Yadav all the success in his academics.

Place: **Bilaspur**

Date: **12/Sept./2022**


Dr. Atul Kumar Bhardwaj
(Supervisor)

Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.



GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)

CERTIFICATE

This is to certify that the Student report entitled "Institute of Forest Productivity" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Vivekanand Yadav S/o Mr. Tribhuwan Yadav under my supervision and guidance.

I wish Vivekanand Yadav all the success in his academics.

Place: **Bilaspur**

Date: **12**/Sept./2022.

Dr. A.K. BHARDWAJ
(supervisor)

Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that student report entitled "LAC CULTIVATION IN SURGUJA" submitted in partial fulfilment of the requirements for the Degree of Master of science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chattisgarh) is the work carried out by Ms. Purvi Jain D/o Mr. Kishor Jain under my supervision and guidance.

I wish Purvi Jain all the success in her academics.

for 
Dr. Bhavana Dixit

Assistant Professor

Supervisor

Dept. of Forestry, Wildlife and Environmental Sciences

GGU, Bilaspur

Date: 15/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

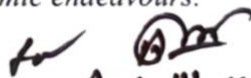
(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Ms. Purvi Jain d/o Mr. Kishor Jain is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this training entitled "Training report on Computer Training Program on QGIS)" during this semester under my guidance.

I wish her all the success in her future academic endeavours.

for 
A. H. Khedans
Dr. Bhavana Dixit

Assistant professor

Department of Forestry,

Wildlife & Environmental Sciences

GGV, Bilaspur (C.G)

Date: 15/09/22

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that report entitled "FIELD TRAINING ATTACHMENT WITH STATE FOREST DEPARTMENT)" submitted in partial fulfilment of the requirements for the Degree of Master of science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chattisgarh) is the work carried out by Ms. Purvi Jain D/o Mr. Kishor Jain under my supervision and guidance.

I wish Purvi Jain all the success in her academics.

for 
Dr. Bhavana Dixit

Assistant Professor Supervisor
Dept. of Forestry, Wildlife and
Environmental Sciences
GGU, Bilaspur

Date: 15.09.22

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that report entitled "institutional visit to IFP Ranchi and Sericulture Department Bilaspur" submitted in partial fulfilment of the requirements for the Degree of Master of science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chattisgarh) is the work carried out by Ms. Purvi Jain D/o Mr. Kishor Jain under my supervision and guidance.

I wish Purvi Jain all the success in her academics.



Dr. Bhavana Dixit

Assistant Professor Supervisor
Dept. of Forestry, Wildlife and
Environmental Sciences
GGU, Bilaspur

Date: 15/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that **Mr. Balbir Mehta s/o Mr. Dev Narayan Mehta** is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, G.G.V, Bilaspur. He has completed this training entitled "Training Report on Industrial Training (Attachment with Institute of Forest Productivity, Ranchi)" during this semester under my guidance.*

I wish him all the success in his future academic endeavours.

Dr. Rashmi Agarwal

Professor

Department of Forestry,
Wildlife & Environmental
Sciences

GGV, Bilaspur (C.G)

Date: 14/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Balbir Mehta s/o Mr. Dev Narayan Mehta is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this training entitled "Training report on Computer Training Program on QGIS" during this semester under my guidance.

I wish him all the success in his future academic endeavours.

Rashmi Agarwal
14.9.22
Dr. Rashmi Agarwal

Professor

Department of Forestry,
Wildlife & Environmental Sciences

GGV, Bilaspur (C.G)

Date: 14/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that Mr. Balbir Mehta s/o Mr. Dev Narayan Mehta is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this Student project entitled "**Identification and enumeration of trees species of urban recreational area of bilaspur city**" during this semester under my guidance.*

I wish him all the success in his future academic endeavours.

Rashmi
14.9.22

Dr. Rashmi Agarwal

Professor

Department of Forestry,
Wildlife & Environmental
Sciences

GGV, Bilaspur (C.G)

Date: 14/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Balbir Mehta s/o Mr. Dev Narayan Mehta is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this training entitled "Training report on Field Training (Attachment with State Forest Department)" during this semester under my guidance.

I wish him all the success in his future academic endeavours.

Rashmi Agarwal
14/03/22
Dr. Rashmi Agarwal
Professor

Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)

Date: 14/03/22

**GURU GHASIDAS VISHWAVIDYALAYA BILASPUR
(C.G.)**

गुरु गिरी, बिलासपुर, छत्तीसगढ़ राज्य, भारत



CERTIFICATE

*This is to certify that the Training report entitled “ **Computer Training Program On QGIS ..**” submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh)** is the work carried out by **Ms. Annapurna Sudhakar** D/o **Mr. Dhanush Ram Sudhakar**.. under my supervision and guidance.*

*I wish **Annapurna Sudhakar** all the success in her academics.*

Place: Bilaspur

Date: 14/09/2022


Dr. Rashmi Agarwal

Professor

Department of Forestry,
Wildlife & Environmental
Sciences

GGV, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the Student report entitled "Estimation of Chlorophyll Content in some trees of polluted area, Bilaspur.." submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by ..Ms Annapurna Sudhakar... D/o.. Mr. Dhanush Ram Sudhakar.. under my supervision and guidance.
I wish Annapurna Sudhakar all the success in her academics.*

Place: Bilaspur

Date: 14th Sept. 2022.

A handwritten signature in blue ink, appearing to read 'Rashmi Agarwal', with the date '14/9/22' written below it.

Dr. Rashmi Agarwal

(Professor)

Supervisor

**Department of Forestry, Wildlife and
Environmental Science,
Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.**



GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)



CERTIFICATE

This is to certify that the Training report entitled " Institutional Training Report(IFP, Ranchi & Sericulture research, development& training centre, Bilaspur).. " submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by ..Ms Annapurna Sudhakar... D/o Mr. Dhanush Ram Sudhakar.. under my supervision and guidance.

I wish Annapurna Sudhakar all the success in her academics.

Place Bilaspur

Date: 14 Sept 2022

14.9.22
Dr. Rashmi Agarwal

Professor
Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)



CERTIFICATE

This is to certify that the Training report entitled " Field Training(Attachment with State Forest Department).. " submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Annapurna Sudhakar... D/o Mr. Dhanush Ram Sudhakar.. under my supervision and guidance

I wish Annapurna Sudhakar all the success in her academics.

Place: Bilaspur

Date: 14 Sept 2022


Dr. Rashmi Agarwal

Professor

Department of Forestry

Wildlife & Environmental Sciences

GGV, Bilaspur (C G)



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the A report entitled "Computer Training Program on QGIS" submitted in partial fulfilment of the requirement for the Degree of Master of Science in Forestry and Environmental Science in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Nidhi D/O Mr. Munindra Prasad Thakur under my supervision and guidance.

I wish Nidhi all the success in her academics.

Place: Bilaspur

Date: 14/09/22

Supervisor

Dr. Gunjan Patil
Assistant Professor
Department of Forestry,
wildlife &
Environmental Sciences

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that A report on entitled "Forest Attachment" submitted in Partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G) is the work carried out by Miss. Nidhi D/O Mr. Munindra Prasad Thakur under my supervision and guidance.

I wish Nidhi all the success in her academics.

Place-Bilaspur

Date- 14/09/22

Dr. Gunjan Patil

Assistant Professor

Department of Forestry,

Wildlife & Environmental Sciences

GGV, Bilaspur (C.G)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the student report entitled Municipal solid waste management submitted in partial fulfillment of the requirement for the Degree of Master of Science in Forestry and Environmental Science in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss Nidhi D/O Mr. Munindra Prasad Thakur under my supervision and guidance.

I wish Nidhi all the success in her academics.

Place: Bilaspur

Date: 14/09/22

Supervisor

Dr. GUNJAN PATIL

Assistant Professor

Department of Forestry, wildlife &
Environmental Sciences

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the A report entitled "Institutional Training" submitted in partial fulfillment of the requirement for the Degree of Master of Science in Forestry and Environmental Science in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Nidhi D/O Mr. Munindra Prasad Thakur under my supervision and guidance.

I wish Nidhi all the success in her academics.

Dr. Gunjan Patil

Assistant Professor

Department of
Forestry and
Environmental Science

Place: Bilaspur

Date: 14/09/22

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Association of Arbuscular Mycorrhizal Fungi with Plant Roots and Sporal Distribution Under the Selected Plant Species" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Vaibhav Laxmi Tiwari D/o Mr. Lakhan Tiwari under my supervision and guidance.

I wish Vaibhav Laxmi Tiwari all the success in her academics.

Place: Bilaspur

Date: ...15./Sept./2022.


Dr. Anil Kumar Bharadwaj

*Supervisor
Assistant Professor*

*Department of Forestry, wildlife & Environmental Science.
Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Project on QGIS" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Vaibhav Laxmi Tiwari D/o Mr. Lakhan Tiwari under my supervision and guidance.

I wish Vaibhav Laxmi Tiwari all the success in her academics.

Place: Bilaspur

Date: 15/Sept./2022.

Dr. Atul Kumar Bharadwaj

Supervisor

Assistant Professor

*Department of Forestry, wildlife & Environmental Science.
Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Training Report on Forest Attachment” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Vaibhav Laxmi Tiwari D/o Mr. Lakhan Tiwari under my supervision and guidance.

I wish Vaibhav Laxmi Tiwari all the success in her academics.

Place: Bilaspur

Date: 15./Sept./2022.

Dr. Atul Kumar Bharadwaj

*Supervisor
Assistant Professor*

*Department of Forestry, wildlife & Environmental Science.
Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Training report on Industrial training” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Miss. Vaibhav Laxmi Tiwari D/o Mr. Lakhani Tiwari under my supervision and guidance.

I wish Vaibhav Laxmi Tiwari all the success in her academics.

Place: Bilaspur

Date: ..15.../Sept./2022.


Dr. Atul Kumar Bharadwaj

Supervisor

Assistant Professor

*Department of Forestry, wildlife & Environmental Science.
Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Student Project Report entitled: ***“A REPORT ON TREE SPECIES SUITABLE FOR ROADSIDE PLANTATION AND CARBON SEQUESTRATION IN KOTA – SAKRI BILASPUR, CHHATTISGARH”*** submitted for the partial fulfillment of Degree of ***Master of Science in Forestry & Environmental Science*** from ***Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh*** has been carried out by ***Mr. ADARSH JAISWAL S/o BADRINATH JAISWAL of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6207) under my guidance and supervision.***

I wish him all the success in his future academic endeavors.

Date: 15 / Sept / 2022

Place: Bilaspur

Supervisor

Prof. S. C. Tiwari
Department of Forestry, Wildlife and
Environmental Sciences

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Forest Attachment Report entitled: "***A REPORT ON FOREST ATTACHMENT AT MARWAHI FOREST DIVISION, BILASPUR CHHATTISGARH***" submitted for the partial fulfillment of Degree of ***Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh*** has been carried out by ***Mr. ADARSH JAISWAL S/o BADRINATH JAISWAL of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6207) under my guidance and supervision.***

I wish him all the success in his future academic endeavors.

Date: 15/Sept/2022

Place: Bilaspur

Supervisor

Prof. S. C. Tiwari

**Department of Forestry, Wildlife and
Environmental Sciences**

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Institutional Attachment Report entitled: "***A REPORT ON INSTITUTIONAL ATTACHMENT WITH IFP RANCHI, AND SERICULTURE BILASPUR***" submitted for the partial fulfillment of Degree of ***Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh*** has been carried out by ***Mr. ADARSH JAISWAL S/o BADRINATH JAISWAL of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6207) under my guidance and supervision.***

I wish him all the success in his future academic endeavors.

Date: 15/Sept/2022

Place: Bilaspur

Supervisor

Prof. S. C. Tiwari

**Department of Forestry, Wildlife and
Environmental Sciences**

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Report entitled: ***“A REPORT ON COMPUTATIONAL SKILLS”*** submitted for the partial fulfillment of Degree of ***Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh*** has been carried out by ***Mr. ADARSH JAISWAL S/o BADRINATH JAISWAL of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6207) under my guidance and supervision.***

I wish him all the success in his future academic endeavors.

Date: 15 / Sept / 2022

Place: Bilaspur

Supervisor
Prof. S. C. Tiwari
Department of Forestry, Wildlife and
Environmental Sciences

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the "Industrial Training Report " submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Abhishek Kumar Thakur S/o Mr. Mukesh Thakur under my supervision and guidance.

I wish Abhishek Kumar Thakur all the success in his academics.

Place: Bilaspur-

Date: 15th Sept./2022.

Dr.S.C. Tiwari

Supervisor
Professor

Department of Forestry, wildlife & Environmental
Science. Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled “Application of Remote Sensing and GIS in Forestry” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Abhishek Kumar Thakur S/o Mr. Mukesh Thakur under my supervision and guidance.

I wish Abhishek Kumar Thakur all the success in his academics.

Place: Bilaspur

Date: ^{15th}...../Sept./2022.


Dr.S.G. Tiwari

**Supervisor
Professor**

**Department of Forestry, wildlife & Environmental
Science. Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the "Computer Training Report " submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Abhishek Kumar Thakur S/o Mr. Mukesh Thakur under my supervision and guidance.

I wish Abhishek Kumar Thakur all the success in his academics.

Place: Bilaspur

Date: 15th /Sept./2022.

Dr.S.C. Tiwari

**Supervisor
Professor**

**Department of Forestry, wildlife & Environmental
Science. Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the “Training Report on Forest Attachment ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Abhishek Kumar Thakur S/o Mr. Mukesh Thakur under my supervision and guidance.

I wish Abhishek Kumar Thakur all the success in his academics.

Place: Bilaspur

Date: 15th /Sept./2022.


Dr.S.C. Tiwari

Supervisor
Professor

Department of Forestry, wildlife & Environmental
Science. Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

CERTIFICATE

This is to certify that the forest attachment report entitled: "**Forest Attachment Report**" submitted for the partial fulfillment of *Degree of Master of Science in Forestry to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh* carried out by **Suhel Eraqui** *M.Sc. Forestry 4th Semester Student (Roll no. 20412032)* under my supervision, her work was appreciable and satisfactory

I wish her all the success in her future academic endeavors.



Dr. Brijendra Pratap Singh

Assistant Professor

Department of Forestry,

Wildlife & Environmental Sciences

GGV, Bilaspur(C.G)

Date: 12/09/22

CERTIFICATE

I have great pleasure in certifying that Mr. Suhel Eraqui is a regular student of M.Sc. Forestry 4th Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences. She has completed field training entitled, —QGIS Training programmed under my guidance.

I wish her all success in her future academic endeavors.

Place

date - 12/09/22

SUPERVISOR:


Dr. Brijendra Pratap Singh

Assistant Professor

Dept. of Forestry Wildlife

& Environmental Science

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Comparative study of environmental awareness among the rural and urban peoples under in Bilaspur region of Chhattisgarh" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Suhel Eraqui S/o Mr. Najimuddin Eraqui under my supervision and guidance.

I wish Suhel Eraqui all the success in his academics.

Place: Bilaspur

Date: ..1.2.. /Sept./2022.

Dr. Brijendra Pratap Singh

Supervisor

Assistant Professor

**Department of Forestry, wildlife & Environmental
Science, Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C,G)
(A central university established under Central Universities
Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Institutional Attachment Training Report and Sericulture training report submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Suhel EraquiS/oMr. Najimuddin Eraqui under my supervision and guidance.

I wish Suhel Eraqui all the success in his academics.

Place: Bilaspur

Date: ..12../Sept./2022.

Dr. Brijendra Pratap Singh

Supervisor

Assistant Professor

**Department of Forestry, wildlife &
Environmental Science, Guru
Ghasidas Vishwavidyalaya, Bilaspur C.G.**



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date - 09/Sept./2022

CERTIFICATE

This is to certify that this report entitled " **Forest Attachment Report**". submitted by **Mr. Shivam Dinkar** in partial fulfilment of the requirement for the award of the degree of Master of Science (Forestry and Environmental Science) under Guru Ghasidas Vishwavidyalaya, is the outcome of an original research work carried out by him under my supervision.

I wish him all success in his future endeavor.

Dr. Brijendra Pratap Singh
(Supervisor)

Assistant Professor

Department of Forestry Wildlife and Environmental
Science

Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

Date - 12/09/22



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date - 09/Sept./2022

CERTIFICATE

This is to certify that this Report entitled "**Institutional Attachment Report**". submitted by **Mr. Shivam Dinkar** in partial fulfilment of the requirement for the award of the degree of Master of Science (Forestry and Environmental Science) under Guru Ghasidas Vishwavidyalaya, is the outcome of an original research work carried out by him under my supervision. The work has been carried out in the Institute of Forest Productivity, Ranchi and the results embodied in this report is original and have not been previously submitted either in part or full to any other institution, for the award of any degree or diploma.

I wish him all success in his future endeavors.

Dr. Brijendra Pratap Singh

(Supervisor)

Assistant Professor

**Department of Forestry Wildlife and Environmental
Science**

Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

Date - 12/09/22



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date - 09/Sept./2022

CERTIFICATE

I have great pleasure in certifying that **Mr. Shivam Dinkar S/o Mr. T.R. Dinkar** is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Science Guru Ghasidas Vishwavidyalaya Bilaspur. He has Completed his report entitled “**A report on Computational skills**” during this Semester under my supervision and guidance.

I wish him all the success for his academics.

Dr. Brijendra Pratap Singh

(Supervisor)

Assistant Professor

**Department of Forestry, Wildlife and
Environmental Science**

Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

dcde-12/09/22



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

CERTIFICATE

This is to certify that this report entitled " **Studies on Air Pollution Tolerance Index of Trees Around Sirgitti Industrial Area in Bilaspur District of Chhattisgarh**". submitted by **Mr. Shivam Dinkar** in partial fulfilment of the requirement for the award of the degree of Master of Science (Forestry and Environmental Science) under Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh, is the outcome of an original research work carried out by him under my supervision. The work has been carried out in the laboratory of P.G. Department of Forestry & Environmental Sciences and the results embodied in this report is original and have not been previously submitted either in part or full to any other institution, for the award of any degree or diploma.

I wish him all success in his future endeavors.

Dr. Brijendra Pratap Singh

(Supervisor)

Assistant Professor

Department of Forestry Wildlife and Environmental
Science

Guru Ghasidas Vishwavidyalaya, Bilaspur C.G.

Date - 12/09/22



Date: 09-09-2022

CERTIFICATE

This is to certify that the Student Project Report entitled “**STUDY ON TASAR DIVERSITY AND ITS CULTIVATION IN CENTRAL TASAR RESEARCH & TRAINING INSTITUTE, RANCHI, JHARKHAND**” submitted for the partial fulfilment of degree of **Master of Science in Forestry and Environmental Sciences to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh** has been carried out by **Mr. Satyendra Kumar S/o Mr. Rakesh Kumar of M.Sc. Forestry & Environmental Sciences (IVth Semester) and Enrollment No. (GGV/16/6254)** under my guidance and supervision.

I wish him all the success for his future academic endeavours.

(Dr. Ajay Kumar Singh)
Supervisor

note-12 109/22

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



Date: 09-09-2022

CERTIFICATE

This is to certify that the Institutional Attachment Report entitled “**INSTITUTIONAL ATTACHMENT REPORT ON INSTITUTE OF FOREST PRODUCTIVITY RANCHI, JHARKHAND AND SERICULTURE RESEARCH, DEVELOPMENT & TRAINING INSTITUTE, KONI BILASPUR (C.G.)**” submitted for the partial fulfilment of Degree of **Master of Science in Forestry and Environmental Sciences** to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by **Mr. Satyendra Kumar S/o Mr. Rakesh Kumar** of **M.Sc. Forestry & Environmental Sciences (IVth Semester)** and **Enrollment No. (GGV/16/6254)** under my guidance and supervision.

I wish him all the success for his future academic endeavours.

date 12/09/22

A handwritten signature in blue ink, appearing to read 'Ajay', with a long horizontal stroke extending to the right.

(Dr. Ajay Kumar Singh)
Supervisor

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



Date: 09-09-2022

CERTIFICATE

This is to certify that the Forest Attachment Report entitled “**FOREST ATTACHMENT OF RAIGARH, KOTA & BHAINSAJHAR**” submitted for the partial fulfilment of Degree of **Master of Science in Forestry and Environmental Sciences** to **Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh** has been carried out by **Mr. Satyendra Kumar S/o Mr. Rakesh Kumar** of **M.Sc. Forestry & Environmental Sciences (IVth Semester)** and **Enrollment No. (GGV/16/6254)** under my guidance and supervision.

I wish him all the success for his future academic endeavours.

A handwritten signature in blue ink, appearing to read 'Ajay', is written over a horizontal line.

(Dr. Ajay Kumar Singh)
Supervisor

Date-14/09/22



DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date: 09-09-2022

CERTIFICATE

This is to certify that the Report entitled “**COMPUTATIONAL SKILL REPORT**” submitted for the partial fulfilment of Degree of **Master of Science in Forestry and Environmental Sciences** to **Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh** has been carried out by **Mr. Satyendra Kumar S/o Mr. Rakesh Kumar** of **M.Sc. Forestry & Environmental Sciences (IVth Semester)** and **Enrollment No. (GGV/16/6254)** under my guidance and supervision.

I wish him all the success for his future academic endeavours.

(Dr. Ajay Kumar Singh)
Supervisor

Date - 12/09/22

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Forest Attachment Report entitled: "**A REPORT ON FOREST AREA IN MARWAHI FOREST DIVISION, BILASPUR CHHATTISGARH**" submitted for the partial fulfillment of Degree of *Master of Science in Forestry & Environmental Science* from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Mr. **DINESH KUMAR S/o MAHESH RAM** of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6263) under my guidance and supervision.

I wish him all the success in his future academic endeavors.

Date: 14 / Sept / 2022

Place: Bilaspur

Supervisor
Prof. RASHMI AGRAWAL
Department of Forestry, Wildlife and
Environmental Sciences

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Forest Attachment Report entitled: “**A REPORT ON COMPUTATIONAL SKILLS**” submitted for the partial fulfillment of Degree of *Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh* has been carried out by **Mr. DINESH KUMAR S/o MAHESH RAM** of *M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6263)* under my guidance and supervision.

I wish him all the success in his future academic endeavors.

Date: 16.. / Sept / 2022

Place: Bilaspur

Supervisor
Prof. RASHMI AGRAWAL
*Department of Forestry, Wildlife and
Environmental Sciences*

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Institutional Attachment Report entitled: "**A REPORT ON IFP RANCHI & SERICULTURE BILASPUR**" submitted for the partial fulfillment of Degree of *Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh* has been carried out by **Mr. DINESH KUMAR S/o MAHESH RAM** of *M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6263)* under my guidance and supervision.

I wish him all the success in his future academic endeavors.

Date: 15 / Sept / 2022

Place: Bilaspur

Supervisor
Prof. RASHMI AGRAWAL
Department of Forestry, Wildlife and
Environmental Sciences

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Forest Attachment Report entitled: ***“A REPORT ON FOREST ATTACHMENT IN MARWAHI FOREST DIVISION, BILASPUR CHHATTISGARH”*** submitted for the partial fulfillment of Degree of *Master of Science in Forestry & Environmental Science from Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh* has been carried out by **Mr. DINESH KUMAR S/o MAHESH RAM of M.Sc. Forestry, IVth Semester, and Enrollment No. (GGV/16/6263) under my guidance and supervision.**

I wish him all the success in his future academic endeavors.

Date: 16 / Sept / 2022
Place: Bilaspur

Supervisor
Prof. RASHMI AGRAWAL
Department of Forestry, Wildlife and
Environmental Sciences

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that thereport entitled “Institutional Attachment of IFP Ranchi & Sericulture” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ashish Patle S/o Mr.S.R. Patle under my supervision and guidance.

I wish Ashish Patle all the success in his academics.

Place: Bilaspur

Date: 15/Sept./2022.

A handwritten signature in blue ink, appearing to read 'Rashmi', is positioned above the printed name.

Dr. Rashmi Agarwal

Professor & Supervisor

*Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the Student report entitled “**Student Project Report.**” submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh)** is the work carried out by **Mr. Ashish Patle S/o Mr. S.R. Patle** under my supervision and guidance.*

I wish Ashish Patle all the success in her academics.

Place: Bilaspur

Date: ..15..../Sept./2022.

A handwritten signature in blue ink, appearing to read 'Rashmi Agarwal', is written over the printed name.

Dr. Rashmi Agarwal

Professor & Supervisor

*Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas*

Vishwavidyalaya, Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that thereport entitled “ **Computational Skill** ” submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences** in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by **Ashish Patle S/o Mr. S.R. Patle** under my supervision and guidance. I wish **Ashish Patle** all the success in his academics.*

Place: Bilaspur

Date: 15/Sept./2022.

A handwritten signature in blue ink, appearing to read 'Rashmi', is written over a horizontal line.

Dr. Rashmi Agarwal

Professor & Supervisor

*Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*This is to certify that the report entitled “ **Forest Attachment** ” submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences** in Department of **Forestry, Wildlife & Environmental Sciences**, **Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh)** is the work carried out by **Ashish Patle S/o Mr.S.R. Patle** under my supervision and guidance.*

I wish Ashish Patle all the success in his academics.

Place: Bilaspur

Date: 15/09/2022.

A handwritten signature in blue ink, appearing to read 'Rashmi Agarwal', is written over the printed name.

Dr. Rashmi Agarwal

Professor & Supervisor

*Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Computational Skill ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Divakar Singh Rajput S/o Mr. Raju Singh under my supervision and guidance.

I wish him all the success in his academics.

Date: 15 / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “Institutional Attachment of IFP Ranchi & Sericulture” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Divakar Singh Rajput S/o Mr. Raju Singh under my supervision and guidance.

I wish him all the success in his academics.

Date: 15 / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Forest Attachment ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Divakar Singh Rajput S/o Mr. Raju Singh under my supervision and guidance.

I wish him all the success in his academics.

Date: 18 / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the Student project report entitled “ SAL FOREST IN ATR Bilaspur” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. Divakar Singh Rajput S/o Mr. Raju Singh under my supervision and guidance.

I wish him all the success in his academics.

Date: 18. / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Computational Skill ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Himani Suryavanshi D/o Mr. G.P. Suryavanshi under my supervision and guidance.

I wish Himani Suryavanshi all the success in her academics.

Date: 15.. / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “Institutional Attachment of IFP Ranchi & Sericulture” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Himani Suryavanshi D/o Mr. G.P. Suryavanshi under my supervision and guidance.

I wish Himani Suryavanshi all the success in her academics

Date: /4.. /Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

This is to certify that the report entitled “ Forest Attachment ” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Himani Suryavanshi D/o Mr. G.P. Suryavanshi under my supervision and guidance.

I wish Himani Suryavanshi all the success in her academics.

Date: 19.. / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR-495009
(CHHATTISGARH)**

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

*This is to certify that the Student project report entitled “ Biomass & Carbon Stock of Different Government Offices & Colleges of Bilaspur” submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Himani Suryavanshi D/o Mr. G.P. Suryavanshi under my supervision and guidance.
I wish Himani Suryavanshi all the success in her academics.*

Date: 16. / Sept / 2022

Place: Bilaspur

Prof. K.K. Chandra

Supervisor

Head of Department

Professor

*Department of Forestry, Wildlife and
Environmental Science, GGV, Bilaspur*

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act, 1956, No. 23 of 1956)



CERTIFICATE

I have great pleasure in certifying that Miss Sunainaminz D/O Mr. Sanatanminz is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, G.G.V, Bilaspur. She has completed this training entitled "Training Report on Industrial Training (Attachment with Institute of Forest Productivity, Ranchi)" during this semester under my guidance.

I wish him all the success in his future academic endeavours.

Date: 14/09/22

DR. ATUL KUMAR BHARDWAJ
Assistant professor

Department of Forestry,
Wildlife & Environmental Sciences
GGV, Bilaspur (C.G)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Miss Sunainaminz D/O Mr. Sanatanminz is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. She has completed this training entitled "Training report on Field Training (Attachment with State Forest Department)" during this semester under my guidance.

I wish her all the success in his future academic endeavours.

DR. ATUL KUMAR BHARDWAJ

Assistant Professor

Department of Forestry,
Wildlife & Environmental
Sciences

GGV, Bilaspur (C.G)

Date: 14/03/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No.25 of 2009)



CERTIFICATE

I have great pleasure in certifying that Miss Sunainaminz D/O Mr. Sanatanminz is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed this training entitled "Training report on Computer Training Program on QGIS)" during this semester under my guidance.

I wish her all the success in her future academic endeavours.

DR. ATUL KUMAR BHARDWAJ

Assistant professor

Department of Forestry,

Wildlife & Environmental Sciences

GGV, Bilaspur (C.G)

Date: 14/09/22

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University Established Under Central University Act 2009, No. 15 of 2009)



CERTIFICATE

I have great pleasure in certifying that Miss Sunainaminz D/O Mr. Sanatanminz is a regular student of M.Sc. Forestry IV Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. She has completed this training entitled "on Tendu patta surajpur district (Attachment with State Forest Department)" during this semester under my guidance.

I wish her all the success in his future academic endeavours.

DR. ATUL KUMAR BHARDWAJ

Assistant Professor
Department of Forestry,
Wildlife & Environmental
Sciences
GGV, Bilaspur (C.G.)

Date: 14/09/22



Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Institutional Attachment Report entitled "INSTITUTIONAL ATTACHMENT REPORT ON INSTITUTE OF FOREST PRODUCTIVITY RANCHI, JHARKHAND & SERICULTURE RESEARCH, DEVELOPMENT AND TRAINING INSTITUTE BILASPUR (C.G.)" submitted for the partial fulfilment of Degree of Master of Sciences in Forestry and Environmental Sciences to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Ruma D/o Mr. Ratan lal of M.Sc. Forestry & Environmental Sciences (IVth Semester) & Enrollment No. (GGV/20/06708) under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date: 14/03/22

AJS

Dr. Ajay Kumar Singh
Assistant Professor
of Forestry, Wildlife & Env. Sc
Guru Ghasidas Vishwavidyalaya
Central University Bilaspur (C.G.)

Dr. Ajay Kumar Singh
Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A Central University Established Under Central University Act 2009, No.25 of 2009)

Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Student Report entitled "ASSESSMENT OF BAMBOO DIVERSITY IN NATURAL FOREST OF BILASPUR (C.G.)" submitted for the partial fulfilment of Degree of Master of Sciences in Forestry and Environmental Sciences to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Ruma D/o Mr. Ratan lal of M.Sc. Forestry & Environmental Sciences (IVth Semester) & Enrollment No. (GGV/20/06708) under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date: 14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Sci.
Guru Ghasidas Vishwavidyalaya
(A Central University) Bilaspur (C.G.)

Dr. Ajay Kumar Singh
Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU

DEPARTMENT



(A C

FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Established Under Central University Act 2009, No.25 of 2009)

Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Training Report entitled "COMPUTATIONAL SKILL" submitted for the partial fulfilment of Degree of Master of Sciences in Forestry and Environmental Sciences to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Ruma D/o Mr. Ratan Lal of M.Sc. Forestry & Environmental Sciences (IVth Semester) & Enrollment No. (GGV/20/06708) under my guidance and supervision.

I wish her all the success for her future academic endeavours.

Date- 14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
of Forestry, Wildlife & Env. Sci
Guru Ghasidas Vishwavidyalaya
Central University Bilaspur (C.G.)

Dr. Ajay Kumar Singh
Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU



Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Forest Attachment Training Report entitled "FOREST ATTACHMENT OF RAIGARH, KOTA & BHAI SAJHAR" submitted for the partial fulfilment of Degree of Master of Sciences in Forestry and Environmental Sciences to Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Ruma D/o Mr. Ratan lal of M.Sc. Forestry & Environmental Sciences (IVth Semester) & Enrollment No. (GGV/20/06708) under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date - 14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Sc.
Guru Ghasidas Vishwavidyalaya
Central University, Bilaspur

Dr. Ajay Kumar Singh
Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Project report entitled “ Report on Forest Attachment” submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. ALOK GUPTA S/o Mr. ASHOK KUMAR GUPTA under my supervision and guidance.

I wish ALOK GUPTA all the success in his academics.

Place: Bilaspur

Date: 14/9/2022.

Prof. Dr. S.C. Tiwari
Supervisor

*Department of Forestry, Wildlife and
Environmental Science,
Guru Ghasidas Vishwavidyalaya,
Bilaspur C.G.*

Guru G
(A central u

s Vishwavidyalaya, Bilaspur (C.G.)
Established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Carbon Sequestration Potential Of Bamboos and Trees" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. ALOK GUPTA S/o Mr. ASHOK KUMAR GUPTA under my supervision and guidance.

I wish ALOK GUPTA all the success in his academics.

Place: Bilaspur
Date: 14/9/2022

S. C. Tiwari
Prof. (Dr.) S.C. Tiwari
Supervisor

Department of Forestry, Wildlife and
Environmental Science,
Guru Ghasidas Vishwavidyalaya,
Bilaspur C.G.

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Project report entitled "Report on GIS Training Program Using QGIS" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. ALOK GUPTA S/o Mr. ASHOK KUMAR GUPTA under my supervision and guidance.

I wish ALOK GUPTA all the success in his academics.

Place: Bilaspur

Date: 14/9/2022.


Prof. Dr. S.C. Tiwari
Supervisor

**Department of Forestry, Wildlife and
Environmental Science,
Guru Ghasidas Vishwavidyalaya,
Bilaspur C.G.**

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Project report entitled “Report On Institutional Visit: IFP Ranchi and Sericulture Bilaspur” submitted in partial fulfilment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Mr. ALOK GUPTA S/o Mr. ASHOK KUMAR GUPTA under my supervision and guidance.

I wish ALOK GUPTA all the success in his academics.

Place: Bilaspur

Date: 14/Sept./2022.


Prof. (Dr) S.C. Tiwari
Supervisor

*Department of Forestry, Wildlife and
Environmental Science,
Guru Ghasidas Vishwavidyalaya,
Bilaspur C.G.*

Guru Ghasidas Vishwavidyalaya

Bilaspur (C.G.)

(A Central University)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that Mr. Abhay Rai S/O Mr. Sanjay Rai is a regular student of M.Sc. Forestry & Environmental Sciences 4th Semester during the session of 2021-22 of Department of Forestry, Wildlife and Environmental Sciences. He has completed "field training entitled, **FOREST ATTACHMENT PROGRAM.**" during this semester under my guidance.*

I wish him all the success in his academics.

SC Tiwari
Supervisor

15/09/22

Date - 15/09/22

PROFESSOR SC Tiwari
Department of Forestry Wildlife and
Environmental Sciences GGV, Bilaspur (Chhattisgarh)

Guru Ghasidas Vishwavidyalaya

Bilaspur (C.G.)

(A Central University)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that **Mr. ABHAY RAI** S/O **Mr. SANJAY RAI** is a regular student of M.Sc. Forestry 4th Semester during the session of 2021-22 of Department of Forestry. He has completed "field training entitled, **INSTITUTIONAL TRAINING PROGRAM.**" during this semester under my guidance.*

I wish him all the success in his academics.

Date - 15/09/22

[Signature]
Supervisor:
15/09/22
Professor SC Tiwari

Dept. of Forestry Wildlife and Environmental Science

GURU GHASIDAS VISHWAVIDYALAYA

Bilaspur (C.G.)

(A Central University)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

*I have great pleasure in certifying that Mr. Abhay Rai S/O Mr. Sanjay Rai is a regular student of M.Sc. Forestry & Environmental Sciences 4th Semester during the session of 2021-22 of Department of Forestry. He has completed "training entitled, **COMPUTER (QGIS) TRAINING PROGRAM.**" during this semester under my guidance.*

I wish him all the success in his academics.



Supervisor:

Dr. SC Tiwari

(Professor)

Dept. of Forestry, Wildlife and
Environmental Sciences

Date 5/09/22



Department of Forestry Wildlife & Environmental
Sciences, Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.) 495009 INDIA

(A Central University established by the central University, Act. 2009 No. 25 of 2009)

CERTIFICATE

This is to certify that **Mr. ABHAY RAI S/O Mr. SANJAY RAI** is a student of **Master of Science (Forestry & Environmental Sciences)** 4th semester in the Department of Forestry Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) and completed his Student project work entitled “**A study of forest fire by using Remote Sensing and GIS Techniques in Bilaspur Circle (C.G.)**”. He has worked at **Regional Geomatic Centre, Bilaspur (C.G.)**, from the period of **17/05/2022 to 10/06/2022** for his student project work. The Report is the partial fulfillment of the requirement to receive the degree in **Master of Science (Forestry & Environmental Sciences)**.

Date 15/09/22


15/09/22

Professor SC TIWARI

Department of Forestry Wildlife & Environmental
Sciences, Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

(Central university of Chhattisgarh, Bilaspur, Chhattisgarh, India - 491004)



CERTIFICATE

This is to certify that the Student report entitled "Institutional Attachment Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Monika Kranti D/o Mr. Kranti Ashok Kumar under my supervision and guidance.

I wish Monika Kranti all the success in her academic endeavour. Place:

Bilaspur


Dr. Garima Tiwari

Supervisor

Assistant Professor

Department of Forestry, Wildlife and
Environmental Science, Guru Ghasidas
Vishwavidyalaya, Bilaspur C.G.

Date- 16/09/22

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

(Central university established by the central university Act 2009.No 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled *Forest Attachment Report* submitted in partial fulfillment of the requirements for the Degree of **Master of Science in Forestry and Environmental Sciences** in Department of Forestry, Wildlife & Environmental Sciences, **Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh)** is the work carried out by Miss **Monika Kranti D/O Kranti Ashok Kumar** under my supervision and guidance.

I wish **Monika Kranti** all the success in her academics.

Place: Bilaspur

Date: 16...../Sept./2022.

Dr. Garima Tiwari

Supervisor

ASSISTANT PROFESSOR

Department of Forestry, Wildlife and

Environmental Science

Guru Ghasidas

Vishwavidyalaya, Bilaspur C.G.

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)



CERTIFICATE

This is to certify that the Student report entitled "Computational Skills & QGIS" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and Environmental Sciences in Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) is the work carried out by Ms. Monika Kranti D/o Mr. Kranti Ashok Kumar under my supervision and guidance.

I wish Monika Kranti all the success on her academics.

Place: Bilaspur

Date: ..16.../Sept./2022.

A handwritten signature in blue ink, appearing to read "Garima Tiwari", is written over a horizontal line.

Dr. Garima Tiwari
Supervisor
Asst. Professor
Department of Forestry, Wildlife
& Environmental Science
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA

BILASPUR (CG)

(Central university established by the central university Act 2009.No 25 of 2009)



CERTIFICATE

This is to certify that, Student Project on Nutritional Analysis of Edible Leafy Vegetables used by People of Chhattisgarh is carried out by **Monika Kranti, D/O MR. Kranti Ashok Kumar** the student of M.SC forestry 4th Semester of Department of Forestry, Wildlife and Environmental Science during the Session of 2019-2020 .

She has successfully completed her report entitled "**Student Project on Edible Leafy Vegetables used by People of Chhattisgarh**" during this Semester under my guidance.

I wish her all the success in her Academics


Supervisor

Date - 16/09/22

Dr. Garima Tiwari
(Assistant Professor)
Department of Forestry
Wildlife and Environmental sciences



DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCE

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009 No. 25 of 2009)

Date- 09 Sept 2022.

CERTIFICATE

This is to certify that the Training Report entitled “**COMPUTATIONAL SKILL**” submitted for the partial fulfilment of Degree of **Master of Science in Forestry and Environmental Science to Department of Forestry, Wildlife & Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh** has been carried out by **Miss Shikha Singh Tanwar D/o Mr. Devendra Sharan Pal Singh Tanwar of M.Sc. Forestry & Environmental Science (IVth Semester) & Enrolment No. (GGV/20/06709)** under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date-14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Sci
Guru Ghasidas Vishwavidyalaya
Central University Bilaspur (C.G.)

Dr. Ajay Kumar Singh
Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU



DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCE

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Institutional Attachment Report entitled “**INSTITUTIONAL ATTACHMENT REPORT ON INSTITUTE OF FOREST PRODUCTIVITY RANCHI, JHARKHAND & SERICULTURE RESEARCH, DEVELOPMENT AND TRAINING INSTITUTE BILASPUR (C.G.)**” submitted for the partial fulfilment of Degree of **Master of Science in Forestry and Environmental Science** to Department of Forestry, Wildlife & Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by **Miss Shikha Singh Tanwar D/o Mr. Devendra Sharan Pal Singh Tanwar** of **M.Sc. Forestry & Environmental Science (IVth Semester) & Enrolment No. (GGV/20/06709)** under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date- 14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Sci.
Guru Ghasidas Vishwavidyalaya
Central University Bilaspur (C.G.)

Dr. Ajay Kumar Singh

Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU



DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCE

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 1956)

Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Forest Attachment Report entitled "FOREST ATTACHMENT REPORT OF MARWAHI, KOTA & BHAINSAJHAR" submitted for the partial fulfilment of Degree of Master of Science in Forestry and Environmental Science to Department of Forestry, Wildlife & Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Shikha Singh Tanwar D/o Mr. Devendra Sharan Pal Singh Tanwar of M.Sc. Forestry & Environmental Science (IVth Semester) & Enrolment No. (GGV/20/06709) under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date- 11/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Sc
Guru Ghasidas Vishwavidyalaya
Central University Bilaspur

Dr. Ajay Kumar Singh

Supervisor
Assistant Professor
Department of Forestry, Wildlife and
Environmental Science, GGU



DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCE

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A central university established under Central Universities Act 2009, No. 25 of 2009)

Date- 09/ Sept./2022.

CERTIFICATE

This is to certify that the Student Report entitled “**STUDIES ON MORPHOLOGICAL CHARACTERISTICS AND UTILIZATION OF SELECTED TREE SPECIES OF INSTITUTE OF FOREST PRODUCTIVITY (IFP) RANCHI, JHARKHAND**” submitted for the partial fulfilment of Degree of Master of Science in Forestry and Environmental Science to Department of Forestry, Wildlife & Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh has been carried out by Miss Shikha Singh Tanwar D/o Mr. Devendra Sharan Pal Singh Tanwar of M.Sc. Forestry & Environmental Science (IVth Semester) & Enrolment No. (GGV/20/06709) under my guidance and supervision.

I wish her all the success for her future academics endeavours.

Date- 14/09/22

Dr. Ajay Kumar Singh
Assistant Professor
Dept. of Forestry, Wildlife & Env. Science
Guru Ghasidas Vishwavidyalaya
(Central University) Bilaspur (C.G.)

Dr. Ajay Kumar Singh
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