M.SC. Forestry& Environmental Sciences IV Sem 2022-23

Forest Genetic Resources

S.No.	Name of Student	Page no
1	Aanchal Pujari	1-14
2	Ankit Ojha	15-27
3	Darshana Shekhar	28-40
4	Gaddam Vinay	41-52
5	Kumar Satyam	53-64
6	Navneet Kumar Gupta	65-76
7	Pankaj Kumar	77-88
8	Raju Sahu	89-100
9	Shilpi Anant	101-112
10	Vasundhara Singh	113-124
11	Yogesh Patel	125-137





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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 Of 2009)

(A CENTRAL UNIVERSITY)

A

Dissertation

On

"Provenance variation in seedling growth and seed germination behaviour of *Pongamia pinnata* from selected seed sources in Chhattisgarh"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-23



SUBMITTED BY:
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IVth SEMESTER

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I wish her all success in her future academic endeavors

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CONTENTS

Chapter no.	Titles	Page no.
	ABSTRACT	1
1	INTRODUCTION	2
1.1	Background and Rationale	3-7
1.2	Provenances selected for the study	7-9
1.3	Justification of the study	9-11
1.4	Objectives of the study	11
1.5	Scope and limitations of the study	11-12
2	LITERATURE REVIEW	13
2.1	Provenance Research	13-14
2.2	Provenance variation in seed germination	14-15
2.3	Variation in seedling growth	15-17
2.4	Pongamiapinnata:an overview	17-22
2.5	Status of Pongamiapinnata in CG	22-23
2.6	Previous studies on provenance trials	23-26
3	RESEARCH GAP AND RESEARCH QUESTIONS	27
3.1	Research gap in provenance trials	27-29
3.2	Questionnaire related to provenance trial in <i>P.pinnata</i>	29-30
4	MATERIALS AND METHODOLOGY	31
4.1	Sampling sites	31-34
4.2	Study site	34
4.3	Time of experiment	34
4.5	Experimental design and field layout	35
4.6	Materials required	35-36
4.7	Procedure for determination of variation in seedling growth and seed germination of <i>P.pinnata</i>	36-43
5	RESULTS AND DISCUSSION	44
5.1	Mean performance of provenances w.r.t seedling growth analysis	44-47
5.2	Average for all characters of all provenances under study	47-49
5.3	Analysis of variance	49-51
5.4	Germination behaviour in seeds of different provenances under study	52-53





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6	CONCLUSION	54
7	REFERENCES	55- 56





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A

Report

On

"FOREST ATTACHMENT TRAINING PROGRAMME" (Attachment with Marwahi Forest Division, Chhattisgarh)

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-23



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CONTENTS

Chapter no.	Titles	Page no.
1	Introduction	1 – 5
2	Attachment with CG Forest department	6 – 7
3	Gaurela- Pendra - Marwahi	8 – 10
4	Biodiversity of medicinal plants	11 – 12
5	Soil and moisture conservation works (Narva Vikas Yojna)	13 – 16
6	Silvicultural operations (couping, felling, logging and stacking)	17 - 20
7	Depot management	21 – 23
8	Forest nursery preparation and management	24 – 30
9	Plantation forests and management	31 – 34
10	NWFP Mart and Sanjeevani sale's centre	35 – 36
11	Floral diversity of Marwahi Division	37 – 39
12	Interaction with self help groups	40 – 44
13	Seed stand and its establishment	45 - 47
14	Working plan and its formation	48 - 50
15	Tissue culture	51 – 52
16	CAMPA Hi - Tech nursery plan	53
17	Human wildlife conflict	54
18	Ecotourism	55
	CONCLUSION	56
	REFERENCES	57





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A

Report

On

"INDUSTRIAL TRAINING PROGRAMME"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCES

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CONTENTS

Chapter no.	Titles	Page no.
	ABSTRACT	1
1	Introduction	2-9
2	Biotechnological interventions in sericulture	10 – 17
3	Grainage in Sericulture	18 – 20
4	Reeling and threading of Tasar silk – A field visit to BTSSO, Bilaspur	21 – 23
	CONCLUSION	24
	REFERENCES	25





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On

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SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCES

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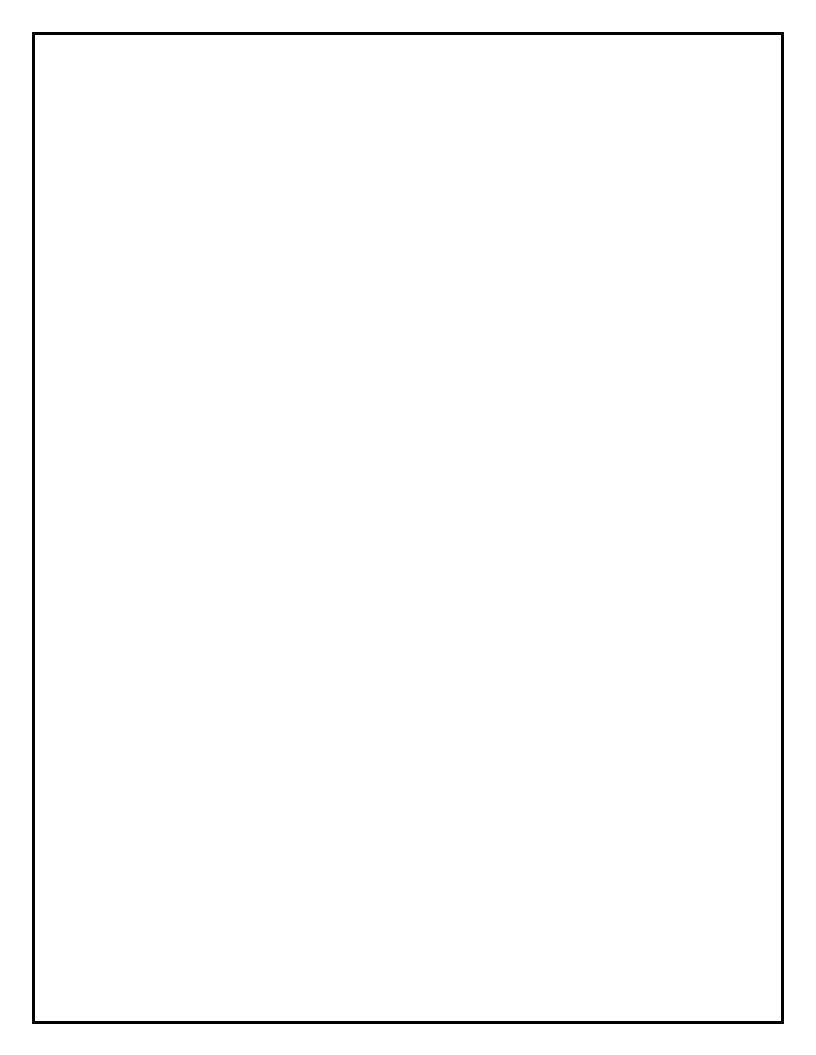
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CONTENTS

Chapterno.	Titles	Pageno.
1	Introductiontocomputersystem	1 – 3
2	Computerinputandoutputdevices	4 – 6
3	Conceptofhardwareandsoftware	7 – 8
4	MSOffice-word,excel,powerpoint	9 – 29
5	IntroductiontoChatGPT	30
6	IntroductiontoRemoteSensing	31 – 32
7	IntroductiontoInternet	33 – 34
	Conclusion	35
	References	36



Dissertation On Assessment of Genetic Variability Of Tamarindus indica L. in Bilaspur Region



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

(Academic Session - 2022-23)

(Forest Genetic Resources)

Submitted To-Dr. S.S Dhuria (Professor) Department of Forestry , Wildlife And Environmental Sciences Submitted By-Ankit Ojha Enrollment No-GGV/21/06704

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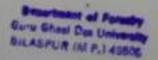
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I wish him all success in his future endeavors.

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



CONTENT

S.NO	TOPIC	PAGE NO
01.	Introduction	1-3
02.	Description of Tree	4
03.	Review of Literature	5-8
04.	Material and Methods	9-15
05.	Result and Discussion	16-26
06.	Conclusion	27-28
07.	References	29-34

REPORT ON FIELD TRAINING ATTACHMENT WITH STATE FOREST DEPARTMENT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session - 2022-23

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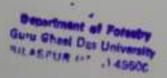
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S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	6-10
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	11-14
3	NURSERY VISIT, MANAGEMENT ACTIVITY & TIMBER DEPOT	15-29
4	WATERSHED MANAGEMENT AND SOIL MOISTURE CONSERVATION	30-35
5	ANR WORKS & NTFP COLLECTION/UTILIZATION	36-42
6	LEMON GRASS EXTRACTION & MANIRAM PLANTATION	43-47
7	FOREST WORKING PLAN & JFM	48-52
8	CONCLUSION	53
9	REFERENCE	54

INDUSTRIAL TRAINING REPORT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN
FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23 (Forest Genetic Resources)

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I wish him all success in his future endeavors.

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CONTENTS

PART-1

S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its importance	9-10
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar food plant	18-19
7	Diseases & pest management of tasar silkworm	19-23
8	Tasar silkworm and seed production	23-25
9	Conclusion	26
	PART-2	
1	Introduction	29
2	History of the computer	29
3	Classification of computer	29-31
4	Components of computer	32-33
5	CPU- unit	33-34
6	Computer input devices	35-37
7	Computer output devices	37-42
8	Computer hardware	43
9	Computer software	43-45
10	Operating system	45-46
11	Microsoft office	46-51
12	Remote sensing	51-53
13	Internet	53-54
14	Conclusion	55
15	Reference	56



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REPORT ON ICT TOOLS & TECHNIQUES APPLICATION IN FORESTRY TRAINING



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE
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Academic Session - 2022-23 (Forest Genetic Resources)

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CONTENTS

PART-1

S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its importance	9-10
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar food plant	18-19
7	Diseases & pest management of tasar silkworm	19-23
8	Tasar silkworm and seed production	23-25
9	Conclusion	26
	PART-2	
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2	History of the computer	29
3	Classification of computer	29-31
4	Components of computer	32-33
5	CPU- unit	33-34
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7	Computer output devices	37-42
8	Computer hardware	43
9	Computer software	43-45
10	Operating system	45-46
11	Microsoft office	46-51
12	Remote sensing	51-53
13	Internet	53-54
14	Conclusion	55
15	Reference	56

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DissertationOn

Analysis of Morphological Variability in *Dalbergia sissoo* (*Roxb*).



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23

(Forest Genetic Resources)

Submitted to
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Submitted By Darshana Shekhar Enrollment No-GGV/21/06706

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This is to certify that this report entitled "Analysis of Morphological Variation in Dalbergia Sisso(Roxb)", submitted by Ms. Darshana Shekhar in partial fulfillment of the requirement for the award of the degree of Master of Science in (Forestry and Environmental Science) under Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh, is the outcome of an original research work carried out by her under my supervision. The work has been carried out in the 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 her all success in her future endeavors.

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CONTENT

S.No	Topic	Page No
01.	Introduction	7-8
02.	Description of Plant Species	9-11
03.	Review of Literature	12-15
04.	Material and Methods	16-23
05.	Result and Discussion	23-31
06.	Conclusion	31-32
07.	References	33-36

FOREST ATTACHMENT REPORT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session - 2022-23

(Forest Genetic Resources)

Submitted to S.S Dhuria (Professor) Department of forestry, Wildlife and, Environmental Science Submitted By Darshana Shekhar Enrollment No-GGV/21/06706

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SIENCES, GURU GHASIDAS VISHWAVIDYLAYA BILASPUR (C.G.)

CERTIFICATE

This is to certify that this report entitled "Forest Attachment Report". submitted by Miss Darshana Shekhar in partial fulfillment 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 her under my supervision. The work has been carried out in Baloda Bazar Forest Division 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 her all success in her future endeavors.

Dr. S.S Dhuria

Professor

Department of Forestry Wildlife and

Environmental Science

Guru Ghasidas Vishwavidyalaya,

Bilaspur C.G.

CONTENTS

S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	7-11
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	12-15
3	NURSERY VISIT, MANAGEMENT ACTIVITY & TIMBER DEPOT	16-32
4	WATERSHED MANAGEMENT AND SOIL MOISTURE CONSERVATION	33-38
5	ANR WORKS & NTFP COLLECTION/UTILIZATION	39-45
6	LEMON GRASS EXTRACTION & MANIRAM PLANTATION	46-50
7	FOREST WORKING PLAN & JFM	51-55
8	CONCLUSION	56
9	REFERENCE	57

REPORT ON ICT TOOLS & TECHNIQUES APPLICATION IN FORESTRY TRAINING



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23 (Forest Genetic Resources)

Submitted to Dr. S.S Dhuria (Professor) Department of forestry, Wildlife and, Environmental Sciences Submitted By Darshana Shekhar Enrollment No GGV/21/06706

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This is to certify that this report entitled "ICT TOOLS & TECHNIQES APPLICATION IN FORESTRY". submitted by Miss. Darshana Shekhar in partial fulfillment 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 her under my supervision. The work has been carried out in the Department of Forestry, wildlife & Environmental Science and the results embodied in this report are original and have not been previously submitted either in part or full to any other institution, for the award of any degree or diploma.

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PART-1

S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its importance	9-10
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar food plant	18-19
7	Diseases & pest management of tasar silkworm	19-23
8	Tasar silkworm and seed production	23-25
9	Conclusion	26
	PART-2	
1	Introduction	29
2	History of the computer	29
3	Classification of computer	29-31
4	Components of computer	32-33
5	CPU- unit	33-34
6	Computer input devices	35-37
7	Computer output devices	37-42
8	Computer hardware	43
9	Computer software	43-45
10	Operating system	45-46
11	Microsoft office	46-51
12	Remote sensing	51-53
13	Internet	53-54
14	Conclusion	55
15	Reference	56

INDUSTRIAL TRAINING REPORT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23 (Forest Genetic Resources)

Submitted to S.S Dhuriya (Professor) Department of forestry, Wildlife and, Environmental Sciences

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This is to certify that this report entitled "Industrial Training Report". submitted by Ms. Darshana Shekhar in partial fulfillment 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 her under my supervision. The work has been carried out in the Department of Forestry, wildlife & Environmental Science and the results embodied in this report are original and have not been previously submitted either in part or full to any other institution, for the award of any degree or diploma.

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PART-1

S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its importance	9-10
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar food plant	18-19
7	Diseases & pest management of tasar silkworm	19-23
8	Tasar silkworm and seed production	23-25
9	Conclusion	26
	PART-2	
1	Introduction	29
2	History of the computer	29
3	Classification of computer	29-31
4	Components of computer	32-33
5	CPU- unit	33-34
6	Computer input devices	35-37
7	Computer output devices	37-42
8	Computer hardware	43
9	Computer software	43-45
10	Operating system	45-46
11	Microsoft office	46-51
12	Remote sensing	51-53
13	Internet	53-54
14	Conclusion	55
15	Reference	56

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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

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A

Report

0n

"INVESTIGATION OF MEIOSIS IN TREE SPECIES Peltophorum pterocarpum (Copper pod), Albizia procera (White siris)

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FORTHE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

(SPECIALIZATION: FOREST GENETIC RESOURCES)

ACADEMIC SESSION: 2021-2023



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GURU GHASIDAS VISHWAVIDYALAYA

S. No.	NAME OF CHHAPTER	Page no.
1	Introduction	1-8
2	Review of literature	9-14
3	Materials and methods	15-24
4	Observation	26-29
5	Result	29-30
6	Conclusion	31-33
7	Reference	34-37





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A

Report

On

"FOREST ATTACHMENT"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

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S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	7-11
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	12-15
3	NURSERY VISIT, MANAGEMENT ACTIVITY & TIMBER DEPOT	16-32
4	WATERSHED MANAGEMENT AND SOIL MOISTURE CONSERVATION	33-38
5	ANR WORKS & NTFP COLLECTION/UTILIZATION	39-45
6	LEMON GRASS EXTRACTION & MANIRAM PLANTATION	46-50
7	FOREST WORKING PLAN & JFM	51-55
8	CONCLUSION	56
9	REFERENCE	57



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S. No.	Particulars	Page No.
1	Introduction	7
2	History of the computer	7
3	Classification of computer	7-9
4	Components of computer	10
5	CPU- unit	11
6	Computer input devices	13-14
7	Computer output devices	15-20
8	Computer hardware	21
9	Computer software	21-22
10	Operating system	23
11	Microsoft office	24-28
12	Remote sensing	29-30
13	Internet	31-32
14	Conclusion	33
15	Reference	34





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A

Report

On

"INDUSTRIAL TRAINING AND INSTITUTE VISIT"

FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2023



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S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its	9-10
	importance	
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar	18-19
	food plant	
7	Diseases & pest management of tasar	19-23
	silkworm	
8	Tasar silkworm and seed production	23-25
9	Conclusion	26

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A

Report

On

"ASSESSMENT AND ANALYSIS OF FOREST SOIL AND WASTELAND SOIL IN BILASPUR, CHHATTISGARH"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR

THE DEGREE OF MASTER OF SCIENCE IN FORESTRY &

ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2022



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ASST. PROFESSOR,

FORESTRY, WILDLIFE AND

ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

S. No.	NAME OF CHHAPTER	Page no.
1	Introduction	8-12
2	Review of literature	13-19
3	Materials and methods	20-31
4	Result and discussion	32-46
5	Summary and conclusion	47-48
6	Suggestion	49
7	Reference	50-55

LIST OF FIGURE

S. No.	Particulars	Page No.
1	This location depicts the soil collection site of Bilaspur districts, Chhattisgarh	23
2	Location of the soil collection site, Bilaspur	23
3	pH and E.C experiment in forest laboratory, GGV	28
	Bilaspur	
4	Soil collection excavation	40
5	Soil depth measurement during soil collection	41
6	Different places' bulk density of wasteland and forest soil	41
7	Different places' moisture content of wasteland and forest soil	42
8	pH differences between two layers of wasteland soil	42
9	pH differences between two layers of forest soil	43





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ACADEMIC SESSION: 2021-2022



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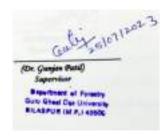
S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	7-11
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	12-15
3	NURSERY VISIT, MANAGEMENT ACTIVITY & TIMBER DEPOT	16-32
4	WATERSHED MANAGEMENT AND SOIL MOISTURE CONSERVATION	33-38
5	ANR WORKS & NTFP COLLECTION/UTILIZATION	39-45
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8	CONCLUSION	56
9	REFERENCE	57



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S. No.	Particulars	Page No.
1	Introduction	7
2	History of the computer	7
3	Classification of computer	7-9
4	Components of computer	10
5	CPU- unit	11
6	Computer input devices	13-14
7	Computer output devices	15-20
8	Computer hardware	21
9	Computer software	21-22
10	Operating system	23
11	Microsoft office	24-28
12	Remote sensing	29-30
13	Internet	31-32
14	Conclusion	33
15	Reference	34





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"INDUSTRIAL TRAINING AND INSTITUTE VISIT"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2022



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S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its	9-10
	importance	
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar	18-19
	food plant	
7	Diseases & pest management of tasar	19-23
	silkworm	
8	Tasar silkworm and seed production	23-25
9	Conclusion	26

गुरू घासीदास विश्वविद्यालय (क्षेत्र वितास क्षेत्र 200 ह. 2 ई क्षेत्र स्वीत क्षेत्र विवास कोनी, बिलासपुर - 495009 (छ.ग.)



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DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL. UNIVERSITY)

A

Dissertation

On

"Assessment of Variation in Different Species of Bamboo in the GGV Campus, Bilaspur Chhattisgarh"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF

THE MASTER'S DEGREE OF SCIENCE IN FORESTRY &

ENVIRONMENTAL SCIENCE

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

NAVNEET KUMAR GUPTA

M.Sc. FORESTRY & **ENVIRONMENTAL SCIENCE IVth** SEMESTER

ROLL NO: 21078120

ENROLLMENT NO.: GGV/21/06712

UNDER THE SUPERVISION OF:

PROF. GUNJAN PATIL

ASSISTANT PROFESSOR OF THE DEPARTMENT OF FORESTRY, WILDLIFE AND **ENVIRONMENTAL SCIENCES** GGV, BILASPUR, C.G



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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

I have great pleasure in certifying that **Mr. Navneet Kumar Gupta S/O Mr. Braj Bhushan Gupta** is a regular student of M.Sc. Forestry 4th Semester during the session of 2021-23 of Department of Forestry, Wildlife and Environmental Sciences. He has completed this student project entitled "**Assessment of Variation in Different Species of Bamboo in the GGV Campus.**" during this semester under my guidance. I wish him all the success in his academics.

PROF. GUNJAN PATIL

Cute / 24/07/2023

ASSISTANT PROFESSOR,

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA



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CHAPTER NUMBER	TOPICS AND SUB-TOPICS	PAGE NUMBER
CHAPTER -1	Introduction	1-11
CHAPTER -2	Review of literature	12-13
CHAPTER -3	Materials and methods	14-16
	3.1 Experimental Site	
	3.1.1 Location	
	3.2 Description of sites	
	3.2.1 Survey and sampling method	
	3.3.2 Climate	
	3.2.3 Identification of species	
	4.1 Biometric observation	
CHAPTER -4	Result and discussion	20-27
CHAPTER -5	Reference	28-31





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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

A

Report

On

"FOREST ATTACHMENT: RAIGARH DIVISION"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF

THE MASTER'S DEGREE OF SCIENCE IN FORESTRY &

ENVIRONMENTAL SCIENCE

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

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DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

This is to certify that **Mr. Navneet Kumar Guta**, the student of **M.Sc. Forestry & Environmental Science** at the **Department of Forestry, Wildlife and Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)**, has successfully completed the Forest Attachment in the Raighar Forest Division under the supervision of **Dr. Gunjan Patil**, Assistant Professor, Department of Forestry, Wildlife and Environmental Science, and **Ms. Stylo Mandavi**, **Divisional Forest Officer (D.F.O)**, Raighar Forest Division.

During the attachment, **Mr. Navneet Kumar Guta** actively participated in various forestry and environmental conservation activities, gaining practical insights and hands-on experience in the field. His dedication, enthusiasm, and commitment to learning have been commendable.

We acknowledge his efforts and contribution to the conservation and sustainable management of forests during the period of attachment.

PROF. GUNJAN PATIL

ASSISTANT PROFESSOR,

DEPARTMENT OF FORESTRY,
WILDLIFE AND ENVIRONMENTAL SCIENCES
GURU GHASIDAS VISHWAVIDYALAYA

Cute / 24/07/2073



CHAPTER NUMBER	TOPICS AND SUB-TOPICS	PAGE NUMBER
CHAPTER-1	Introduction	6-9
CHAPTER- 2	Types of forest	10-13
CHAPTER- 3	Aims and objectives	14-15
CHAPTER- 4	Methodology	16-23
CHAPTER- 5	Findings	24-55



Guru Ghasidas Vishwavidyalaya (ControlluirentyEstablidat hythe Controlluirentiis &t 200 % & a 2009) Koni, Bilaspur – 495009 (C.G.)

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

A

Report

On

"INDUSTRIAL TRAINING AND INSTITUTE VISIT: SERICULTURE AND SILK INDUSTRY"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCE

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

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PROF. GUNJAN PATIL

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GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

I have great pleasure in certifying that Mr. Navneet Kumar Gupta S/o Mr. Brajbhushan Gupta is a regular student of M.Sc. Forestry & Environmental Science IVth semester during the session of 2021-23 of Department of Forestry, Wildlife and Environmental Sciences. He has completed field training entitled "INDUSTRIAL TRAINING AND INSTITUTE VISIT" under my guidance. Submitted for partial fulfilment of Degree of Bachelor of Science in Forestry, to Department of Forestry, Wildlife and Environmental Sciences.

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

PROF. GUNJAN PATIL

Cute / 24/07/2073

ASSISTANT PROFESSOR,

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GURU GHASIDAS VISHWAVIDYALAYA





CHAPTER NUMBER	TOPICS AND SUB TOPICS	PAGE NUMBER
CHAPTER-1	Introduction about sericulture	7-9
CHAPTER- 2	History, Development of sericulture and Silk Road	10-16
CHAPTER- 3	Cultivation of tasar food plants, raising of nursery	17-23
CHAPTER- 4	Plant Diseases and Pest Management	24-34
CHAPTER- 5	Tasar Silkworm Rearing and Seed Technology	35-45
CHAPTER- 6	Recent trends of biotechnology in sericulture	46-47
CHAPTER- 7	BTSSO visiting	48-50
CHAPTER-8	Reference	51-52

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Α

Report

On

"INFORMATION AND COMMUNICATIONS TECHNOLOGY"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCE

ACADEMIC SESSION:2021-2023



SUBMITTED BY:

NAVNEET KUMAR GUPTA

M.Sc. FORESTRY & ENVIRONMENTAL SCIENCE IV^{tl}

SEMESTER

ROLL NO: 21078120

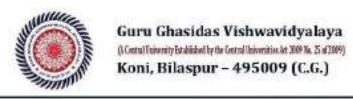
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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

I have great pleasure in certifying that **Mr. Navneet Kumar Gupta** is a regular student of M.Sc. Forestry IV (FGR) Semester during the session of 2021-23 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed online" **INFORMATION AND COMMUNICATIONS TECHNOLOGY**" during this semester under my guidance.

I wish him all the success in his academics.

PROF. GUNJAN PATIL

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CHAPTER NUMBER	TOPICS AND SUB TOPICS	PAGE NUMBER
CHAPTER- 1	Computer Fundamentals Introduction to computer	0-1
	and History	
CHAPTER- 2	Microsoft office	02-10
CHAPTER- 3	Computer science in natural Resources	11-14
CHAPTER- 4	Computer Fundamental	15-20
CHAPTER- 5	Introduction of Java and its application	21-23
CHAPTER-6	Role of RS and GIS in Forest conservation and	24-25
	management	
CHAPTER- 7	Chat GPT	26-28

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

A

Report

On

" INVESTIGATION OF MEIOSIS IN TREE SPECIES Acacia nilotica (Babool), Cassia fistula (Amaltas)

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FORTHE

DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

(SPECIALIZATION: FOREST GENETIC RESOURCES)

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

PANKAJ KUMAR

M.Sc FORESTRY IVth SEMESTER ROLL NO: 21078122 ENROLLMENT NO.: GGV/21/06714 **UNDER THE SUPERVISION OF:**

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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

This is to certify that a Student Report Dissertation entitled "INVESTIGATION OF MEIOSIS IN TREE SPECIES Acacia nilotica (Babool), Cassia fistula (Amaltas)" submitted in partial fulfillment of the requirements for the course named Student Report Dissertation for the Degree of

MASTER OF SCIENCE in FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES. This dissertation is the genuine record of the bonafide carried out by Mr. PANKAJ KUMAR under my supervision and guidance.

It is further certified that such help or information received during the course of investigation and preparation of dissertation has been duly acknowledged.

DR. CHANDRESH KUMAR SINGH

ASST. PROFESSOR,

FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA



S. No.	NAME OF CHHAPTER	Page no.
1	Introduction	1-8
2	Review of literature	9-15
3	Materials and methods	16-28
4	Observation	29-32
5	Result	33-34
6	Conclusion	35-37
7	Reference	38-41





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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 Of 2009)

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A

Report

On

"FOREST ATTACHMENT"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2023



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CERTIFICATE

This is to certify that the student report entitled "Field Training Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh). This report is the genuine record of the bonafide carried out by Mr. PANKAJ KUMAR under my supervision and guidance.

It is further certified that such help or information received during the course of investigation and preparation of the Training report has been acknowledged.

-119,150

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GURU GHASIDAS VISHWAVIDYALAYA

S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	7-11
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	12-15
3	NURSERY VISIT, MANAGEMENT ACTIVITY & TIMBER DEPOT	16-32
4	WATERSHED MANAGEMENT AND SOIL MOISTURE CONSERVATION	33-38
5	ANR WORKS & NTFP COLLECTION/UTILIZATION	39-45
6	LEMON GRASS EXTRACTION & MANIRAM PLANTATION	46-50
7	FOREST WORKING PLAN & JFM	51-55
8	CONCLUSION	56
9	REFERENCE	57



Guru Ghasidas Vishwavidyalaya Aletra Turcsyistilidad by the Geral Turcsiin An 2009 M. (Sel 2009) Koni, Bilaspur – 495009 (C.G.)



CERTIFICATE

This is to certify that the student report entitled "ICT TOOLS & TECHNIQUES TRAINING REPORT" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and environmental sciences to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidalaya, Bilaspur (Chhattisgarh). This report is the genuine record of the bonafide carried out by Mr. PANKAJ KUMAR under my supervision and guidance. His work was appreciable and satisfactory.

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

DR. CHANDRESH KUMAR SINGH

ASST. PROFESSOR,

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GURU GHASIDAS VISHWAVIDYALAYA

S. No.	Particulars	Page No.
1	Introduction	7
2	History of the computer	7
3	Classification of computer	7-9
4	Components of computer	10
5	CPU- unit	11
6	Computer input devices	13-14
7	Computer output devices	15-20
8	Computer hardware	21
9	Computer software	21-22
10	Operating system	23
11	Microsoft office	24-28
12	Remote sensing	29-30
13	Internet	31-32
14	Conclusion	33
15	Reference	34





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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

A

Report

On

"INDUSTRIAL TRAINING AND INSTITUTE VISIT"

FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

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CERTIFICATE

This is to certify that the student report entitled "Industrial Training Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh). This report is the genuine record of the bonafide carried out by Mr. PANKAJ KUMAR under my supervision and guidance. His work was appreciable and satisfactory.

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

DR. CHANDRESH KUMAR SINGH

ASST. PROFESSOR

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S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its	9-10
	importance	
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar	18-19
	food plant	
7	Diseases & pest management of tasar	19-23
	silkworm	
8	Tasar silkworm and seed production	23-25
9	Conclusion	26

गुरू घासीदास विश्वविद्यालय (क्षेत्र विवास क्षेत्र 200 ह. 2 ई क्षेत्र स्वीत क्षेत्र विवास कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya #Genzi Turesty istalished by the Genzi Turesties An 2007 Mc 25 of 2007) Koni, Bilaspur – 495009 (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

Α

Report

On

"ASSESSMENT OF BIRD DIVERSITY OF KEDAR DAM SARANGARH"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY &

ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2022



SUBMITTED BY:

RAJU SAHU

M.Sc FORESTRY IVth SEMESTER ROLL NO: 21078124 ENROLLMENT NO.: GGV/17/6065 **UNDER THE SUPERVISION OF:**

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GGV, BILASPUR, C.G

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

This is to certify that a Student Report Dissertation entitled "ASSESSMENT OF BIRD DIVERSITY OF KEDAR DAM SARANGARH" submitted in partial fulfillment of the requirements for the course named Student Report Dissertation for the Degree of MASTER OF SCIENCE in FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES. This dissertation is the genuine record of the bonafide carried out by Mr. Kumar Satyam under my supervision and guidance.

It is further certified that such help or information received during the course of investigation and preparation of dissertation has been duly acknowledged.



DR. GUNJAN PATIL

ASST. PROFESSOR,

FORESTRY, WILDLIFE AND

ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

S. No.	NAME OF CHHAPTER	Page no.
1	Introduction	8-12
2	Review of literature	13-19
3	Materials and methods	20-31
4	Result and discussion	32-46
5	Summary and conclusion	47-48
6	Suggestion	49
7	Reference	50-55





Guru Ghasidas Vishwavidyalaya (A Central Tutresty istallabed by the Central Tutresties Art 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

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(A CENTRAL UNIVERSITY)

A

Report

On

"FOREST ATTACHMENT"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2022



SUBMITTED BY:

RAJU SAHU

M.Sc FORESTRY IVth SEMESTER ROLL NO: 210781124

ENROLLMENT NO.: GGV/17/60675

UNDER THE SUPERVISION OF:

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ASST. PROFESSOR
DEPARTMENT OF FORESTRY,
WILDLIFE AND ENVIRONMENTAL
SCIENCES GGV, BILASPUR, C.G

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)



CERTIFICATE

This is to certify that the student report entitled "Field Training Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh). This report is the genuine record of the bonafide carried out by Mr. RAJU SAHU under my supervision and guidance.

It is further certified that such help or information received during the course of investigation and preparation of the Training report has been duly acknowledged.

DR. GUNJAN PATIL

ASST. PROFESSOR,

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

S.NO.	TOPICS	PAGE NO.
1	INTRODUCTION	7-11
2	VISIT TO DIFFERENT COUPES DEMARCATION SURVEY & GPS TECHNOLOGIES	12-15
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8	CONCLUSION	56
9	REFERENCE	57



CERTIFICATE

This is to certify that the student report entitled "ICT TOOLS & TECHNIQUES TRAINING REPORT" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry and environmental sciences to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidalaya, Bilaspur (Chhattisgarh). This report is the genuine record of the bonafide carried out by Mr. RAJU SAHU under my supervision and guidance. His work was appreciable and satisfactory.

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



DR. GUNJAN PATIL

ASST. PROFESSOR,

DEPARTMENT OF FORESTRY,

WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

S. No.	Particulars	Page No.
1	Introduction	7
2	History of the computer	7
3	Classification of computer	7-9
4	Components of computer	10
5	CPU- unit	11
6	Computer input devices	13-14
7	Computer output devices	15-20
8	Computer hardware	21
9	Computer software	21-22
10	Operating system	23
11	Microsoft office	24-28
12	Remote sensing	29-30
13	Internet	31-32
14	Conclusion	33
15	Reference	34





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DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

(A CENTRAL UNIVERSITY)

A

Report

On

"INDUSTRIAL TRAINING AND INSTITUTE VISIT"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCES

ACADEMIC SESSION: 2021-2022



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ASST. PROFESSOR
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This is to certify that the student report entitled "Industrial Training Report" submitted in partial fulfillment of the requirements for the Degree of Master of Science in Forestry to the Department of Forestry, Wildlife & Environmental Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh). This report is the genuine recordof the bonafide carried out by Mr. RAJU SAHU under my supervision and guidance. His work was appreciable and satisfactory.

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

(Dr. Gunjan Batti)
Supervisor
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GURU GHASIDAS VISHWAVIDYALAYA



S.No.	Topics	Page no.
1	Introduction	7-8
2	History of silkworm and its	9-10
	importance	
3	Types of silk worm	10-13
4	Life cycle of silkworm	13-17
5	Tasar food plant and feeding habitats	18
6	Diseases & pest management of tasar	18-19
	food plant	
7	Diseases & pest management of tasar	19-23
	silkworm	
8	Tasar silkworm and seed production	23-25
9	Conclusion	26

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A

Dissertation

On

"Study of phenotypic variation in Dry Deciduous Forest at Bhoramdeo Wildlife Sanctuary"

SUBMITTED FOR THE PARTIAL FULTILLMENT OF THE REQUIREMENT OF THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

(Specialization- Forest Genetic Resources)

FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES



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I wish Shilpi all the success in her academics.

Place: Bilaspur

Date: 14.../August/2023.

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TITLE	
INTRODUCTION	9-10
DEVIEW OF LITERATURE	14
MATERIAL AND	14-19
RESULI	20
CONCLUSION	21
DISCUSSION	
	OBSERVATION AND

REPORT

ON

FIELD TRAINING ATTACHMENT WITH STATE FOREST DEPARTMENT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23 (Forest Genetic Resources)

Submitted to

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I wish her all success in his future endeavors.

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	Title	Page no.
Chapter no.	Title	7
1	INTRODUCTION	
2	ATTACHMENT WITH CHHATTISGARH FOREST DEPARTMENT	8
	KAWARDHA FOREST	9
3	NURSERY VISIT, MANAGEMENT	11-24
4	ACTIVITY & TIMBER DEPOT	
5	SOIL AND MOISTURE CONSERVATION	25-29
3	WORKS (NARVA VIKAS YOJNA)	
	ANR WORKS & NTFP	30-33
	COLLECTION/UTILIZATION	34-37
	FOREST WOEKING PLAN &JFM	34-37
X	CONCLUSION	38
	REFERENCE	



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Industrial Training Programme



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session – 2022-23 (Forest Genetic Resources)

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CONTENTS

		Page no.
S.No,	Topics	7
1	Introduction	8
2	Origin of sericulture	9
3	Overview of sericulture	9-12
4	Types of silkworms	13-14
5	r 'c ala of silkworm	15
6		16-20
7		21
8	Diseases & pest management of taste	22
9	Tasar silkworm and seed production	23
10	Conclusion	24
11	Reference	1-

REPORT

ON

ICT TOOLS & TECHNIQUES APPLICATION IN FORESTRY TRAINING



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE MASTER DEGREE OF SCIENCE IN FORESTRY AND ENVIRONMENTAL SCIENCE

Academic Session - 2022-23

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INDEX

		PAGE No
S.no.	TITLE	6-8
1	Introduction of computer system	8-10
2	Computer input and output devices	11-13
3	Concept of hardware and software	14-30
4	MS office-word excel, PowerPoint	31-32
5	Introduction of ChatGPT	33
5	Introduction to remote sensing	34
7	Introduction to internet	35
3	Conclusion	
	Conclusion	
	Reference	

A

Dissertation On

"Assessment Of Ascorbic Acid Variation Of Tree Species Through Air Pollution Tolerance Index Of Urban Areas Of Bilaspur Chhattisgarh"

Submitted for the partial fulfilment of requirement of Master's degree of science in Forestry and Environmental sciences

[SPECIALIZATION IN FOREST GENETIC RESOURCES]



[ACADEMIC SESSION :2021-23]

SUBMITTED BY

UNDER THE SUPERVISION OF

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TABLE OF CONTENTS

CHAPTER	TITLE	PAGE NO.
	LIST OF TABLES	
	LIST OF FIGURES	ii
LIST OF PLATES		III
1	INTRODUCTION	1-9
п	REVIEW OF LITERATURE	10-12
ш	MATERIALS AND METHODS 3.1 Study Area 3.1.1 General 3.1.2 Geographical location 3.2 Climate	13-19
	3.3 Selection of trees and procedure of sampling	1
	3.4 Biochemical analysis of leaf samples	1
	3.4.1 Ascorbic Acid Content (mg/g)	1
	3.4.2 Total Chlorophyll Concentration (mg/g)	
	3.4.3 Leaf Extract pH	1
	3.4.4 Relative Water Content (%)	1
	3.5 Air Pollution Tolerance Index	
IV	RESULT AND DISCUSSION	20-32
	4.1 Ascorbic Acid Content	
	4.2 Total Chlorophyll Concentration	1
	4.3 Leaf Extract pH	
	4.4 Relative Water Content	1
	4.5 Air Polluzion Tolerance Index	
v	CONCLUSION	33-34
)	REFERENCE	35-43

A

Report On

STATE FOREST ATTACHMENT TRAINING REPORT

MARWAHI FOREST DIVISION, CHHATTISGARH

Submitted for the partial fulfilment of requirement of Master's degree of science in Forestry and Environmental sciences

[SPECIALIZATION IN FOREST GENETIC RESOURCES]



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CONTENT

Chapter no.	Titles	Page no.
	Introduction	1-5
2	Attachment with CG Forest department	6-7
3	Gaurela-Pendra - Marwahi	8-10
4	Biodiversity of medicinal plants	11 - 12
5	Soil and moisture conservation works (Narva Vikas Yojna)	13 – 16
6	Silvicultural operations (couping, felling, logging and stacking)	17 – 20
7	Depot management	21 - 23
8	Forest nursery preparation and management	24 - 30
9	Plantation forests and management	31 - 34
10	NWFP Mart and Sanjeevani sale's centre	35 - 36
11	Floral diversity of Marwahi Division	37 - 39
12	Interaction with self-help groups	40 - 44
13	Seed stand and its establishment	45 - 47
14	Working plan and its formation	48 - 50
15	Tissue culture	51 - 52
16	CAMPA Hi - Tech nursery plan	53
17	Human wildlife conflict	54
18	Ecotourism	55
	CONCLUSION	56
- 1	REFERENCES	57

Λ

Report On

INDUSTRIAL TRAINING PROGRAMME:

[INDUSTRIAL TRAINING PROGRAMME ON SERICULTURE IN BILASPUR CHHATTISGARH]

Submitted for the partial fulfilment of requirement of Master's degree of science in Forestry and Environmental sciences

[SPECIALIZATION IN FOREST GENETIC RESOURCES]



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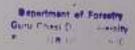
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SUPERVISIOR

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LIST OF CONTENTS

Chapter no.	Titles	Page no.
	ABSTRACT	1
1	Introduction	2-9
2	Biotechnological interventions in sericulture	10 – 17
3	Grainage in Sericulture	18 - 20
4	Reeling and threading of Tasar silk – A field visit to BTSSO, Bilaspur	21 - 26
	CONCLUSION	27
	REFERENCES	28

A

Report On

COMPUTATIONAL SKILLS TRAINING PROGRAMME:

[ICT TOOLS & TECHNIQUES APPLICATION IN FORESTRY]

Submitted for the partial fulfilment of requirement of Master's degree of science in Forestry and Environmental sciences

[SPECIALIZATION IN FOREST GENETIC RESOURCES]



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LIST OF CONTENT

CHAPTER NO.	TITLE'S OF CONTENT	PAGE NO.
01	Introduction to computer system	1-6
02	Computer input and output devices	7-10
03	Concept of hardware & software	11-13
04	MS Office- MS Word, MS Excel & MS PowerPoint	14-35
05	Introduction to Remote Sensing	35-37
06	Introduction to Internet	38-41
07	Global Position System	42-50
08	Introduction to Chatgpt	51-54
	Conclusion	55
-	References	56



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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

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A

Report

On

"Study Of Seed Viability and Germination Traits of Tendu (*Diospyros melanoxylon*) and Baheda (*Terminalia bellirica*)"

Submitted for the partial fulfillment of requirement of Master's degree of science in Forestry and Environmental Sciences

(Specialization - Forest Genetic Resources)

ACADEMIC SESSION: 2022-23



SUBMITTED BY:

YOGESH PATEL
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4th semester

ROLL NO: 21078135

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I wish his all success in future academic endeavours.

3003/08/2023

DR.BHAVANA DIXIT

PROFESSOR,

DEPARTMENT OF FORESTRY,
WILDLIFE AND ENVIRONMENTAL SCIENCES
GURU GHASIDAS VISHWAVIDYALAYA

CONTENTS

	TITLES	PAGE NO.
	ABSTRACT	7
1.	INTRODUCTION	9
	1.1 Seed viability	11
	1.2 Seed germination	12
	1.3 Germination traits	13
	1.4 Tendu (Diospyros melanoxylon)	15
	1.5 Baheda (<i>Terminalia bellirica</i>)	20
	1.6 Importance of seed viability and germination traits in plant propagation and conservation	22
	1.7 Objectives	24
	1.8 Overview of Tendu and Baheda as medicinal and economic plants	25
	1.9 Previous research on seed viability and germination traits of Tendu and Baheda	26
	1.10 Factors affecting seed viability and germination in these species	27
	DISRIPTIO OF SITE	30
4	MATERIALS AND METHODOLOGY	
	4.1 Seed collection and storage	34
	4.2 Seed weight [fresh and dry]	36
	4.3 Seed treatment	36
	4.4 Seed sowing	36
	4.5 Germination percentage	37
	4.6 Plant percent	38
	4.7 Germination period	38
	4.8 Transplanting	39
	4.9 Plantable seedling	39
5	OBSERVATIONS	
	5.1 SEED GERMINATION Seed weight (dry and fresh) Germination percentage Plant percent	40
	Germination period Survival percent	
	5.2 GERMINATION TRAITS No. of days after sowing for germination Seedling height No. of leaves	41





Guru Ghasidas Vishwavidyalaya Atenta Torosty Statisted by the Garal Torostin Ac 2000 M. 25 (2000) Koni, Bilaspur – 495009 (C.G.)

	Root length	
6	RESULT AND DISCUSSION	42
7	REFERANCES	



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(A CENTRAL UNIVERSITY)

A

Report

On

"Field training { Attachment with state forest department in Raigarh forest division}

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF

THE MASTER'S DEGREE OF SCIENCE IN FORESTRY

ACADEMIC SESSION: 2021-23



SUBMITTED BY:

YOGESH PATEL
M.Sc Forestry and Environmental
sciences
4th semester
ROLL NO: 21078135
ENROLLMENT NO.: GGV/21/06719

UNDER THE SUPERVISION OF:

DR. BHAVANA DIXIT

DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES GGV, BILASPUR, C.G



DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, KONI, BILASPUR, CHHATTISGARH

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CERTIFICATE

This is to certify that Mr. Yogesh Patel, the student of M.Sc. Forestry & Environmental Science at the Department of Forestry, Wildlife and Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G), has successfully completed the "Field Training (Attachment With State Forest Department In Raigarh Forest Division)" under the supervision of Dr.Bhavana Dixit, Department of Forestry, Wildlife and Environmental Science, and Ms. Stylo Mandavi, Divisional Forest Officer (D.F.O), Raigarh Forest Division.

During the attachment, Mr. Yogesh Patel actively participated in various forestry and environmental conservation activities, gaining practical insights and hands-on experience in the field. His dedication, enthusiasm, and commitment to learning have been commendable.

We acknowledge his efforts and contribution to the conservation and sustainable management of forests during the period of attachment.

DR.BHAVANA DIXIT

3003/08/2013

PROFESSOR,





Guru Ghasidas Vishwavidyalaya Atensi Turesty issidided by the Central Turesties Art 2000 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

CONTENTS

CHAPTER	DISCRIPTION	PAGE NO.
1	INTRODUCTION	6-9
	1.1 Background information on Raigarh Forest Division	
2	TYPES OF FOREST	10-12
	2.1 Sal Forest	
	2.2 Grasslands	
	2.3 Damage to the forest	
	2.4 Rights and concessions	
	2.5 Forest management	
	2.6 Wildlife	
3	AIMS AND OBJECTIVES	13
	·	
4	METHODOLOGY	14-20
	4.1 Toposheet study	
	4.2 Working plan study	
	4.3 Study of various compartments	
	4.4 Study of protected and reserved forest	
	4.5 Study of felling series and coupe	
	4.6 Coppicing	
	4.7 CAMPA	
	4.8 Narva Vikas Yojna	
5	FINDINGS	21-48
	5.1 List of respondents	
	5.2 Assessment of existing programs	
6	WOOD TECHNOLOGY	49-50





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Report

On

"INDUSTRIAL TRAINING ON SERICULTURE IN BILASPUR, CHHATTISGARH"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY

ACADEMIC SESSION: 2021-2023



SUBMITTED BY:

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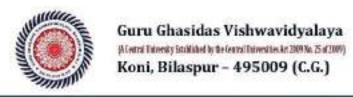
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CERTIFICATE

I have great pleasure in certifying that Mr. Yogesh patel is a regular student of m.sc foresyrt IV {FGR} semester during the session of 2022-2023 of dept. of forestry,wildlife and environmental sciences GGV, Bilaspur. He has completed his training during this semester.

3003/08/2023

DR. BHAVANA DIXIT

PROFESSOR,

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DEPARTMENT OF FORESTRY, WILDLIFE AND ENVIRONMENTAL SCIENCES GURU GHASIDAS

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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

CONTENTS

SL	PARTICULARS	PAGE NO.
NO.		
1	Abstract	6
2	Training Activities	8
	2.1- Day 1	8
	2.2- Day 2	19
	2.3- Day 3	27
	2.4- Day 4	32
3	Glimpses of Training	36



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Report

On

"INFORMATION AND COMMUNICATIONS TECHNOLOGY"

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE MASTER'S DEGREE OF SCIENCE IN FORESTRY & ENVIRONMENTAL SCIENCE

ACADEMIC SESSION:2021-2023



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CERTIFICATE

I have great pleasure in certifying that Mr. Yogesh patel is a regular student of M.Sc. Forestry IV (FGR) Semester during the session of 2021-23 of Department of Forestry, Wildlife and Environmental Sciences, GGU, Bilaspur. He has completed online" INFORMATION AND COMMUNICATIONS TECHNOLOGY" during this semester under my guidance.

I wish him all the success in his academics.

3003/08/203

DR. BHAVANA DIXIT

PROFESSOR.

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(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITY ACT 2009, No.25 OF 2009)

CONTENTS

CHAPTER NUMBER	TOPICS AND SUB TOPICS	PAGE NUMBER
CHAPTER- 1	Computer Fundamentals Introduction to computer	0-1
	and History	
CHAPTER- 2	Microsoft office	02-10
CHAPTER- 3	Computer science in natural Resources	11-14
CHAPTER- 4	Computer Fundamental	15-20
CHAPTER- 5	Introduction of Java and its application	21-23
CHAPTER- 6	Role of RS and GIS in Forest conservation and	24-25
	management	
CHAPTER- 7	Chat GPT	26-28