



Criterion-1: Curricular Aspects

Key Indicator – 1.3: Curriculum Enrichment

Metric: 1.3.3

Programmes:

B.Sc. (Hons.) Anthropology

M.Sc. Anthropology

M.Sc. Forensic Science

Syllabus	B.Sc. (Hons.) Anthropology: https://www.du.ac.in/uploads/Revi_syll_19082019/19082019_B.Sc.(H)%20Anthropoloy.pdf M.Sc. Anthropology: https://www.du.ac.in/uploads/Revi_syll_19082019/19082019_Final_M.Sc_syllabus_Anthropology_vipin_2019.pdf M.Sc. Forensic Science: https://www.du.ac.in/uploads/Revi_syll_19082019/19082019_MSc%20Forensic%20Science%20Syllabus-2019-20.pdf
List of Students	Annexure-I
Sample Project Reports	Annexure-II



Annexure-I

List of Students



PROF. S. M. PATNAIK, HEAD
DEPARTMENT OF ANTHROPOLOGY
UNIVERSITY OF DELHI
DELHI 110 007 (INDIA)
email: smp_du@yahoo.com
Office Email: admin@anthro.du.ac.in
Contact No. : 011-27667329,
011-27666614 (Fax & HoD)
Mobile : 9891333637

Ref. No. Anth/2024/2107

Dated: 17/01/2024

Prof. Shyama Rath
Coordinator
Internal Quality Assurance Cell
University of Delhi
Delhi 110007

Subject: Data of field projects/ research/ internships

Dear Sir,

This is reference to your email dated 10th January 2024 pertaining to the matric 1.3.3 regarding subject cited above. The detail of each component is as follows:

1. The number of students (during 2018-2023): 568 students

We are also sending you the copy of the data. This is for your information and record.

Thanking you,

Yours faithfully,

(Head of the Department)



शास्त्रज्ञ/Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

Encl. Dissertation enclosed.

P-41
18/01/24

M.Sc. Forensic Science Part-II Sem-IV field work in 2018

No.	Student Names
1	ADITI BHOI
2	AMANDEEP SINGH
3	AMARJEET
4	ANAMIKA JHA
5	ANKUSH
6	ANURADHA MANGLA
7	BHAVNA AHLAWAT
8	BHAWANA YADAV
9	BHAWNA VARSHNEY
10	CHANDNI KUMARI
11	ESTHER LALRINGZO
12	GUNJAN
13	HEMANT PANDEY
14	HIMANSHU DUA
15	JOYCY VUNGNEIHCHOI
16	JYOTI SHARMA
17	JYOTSNESSH CHAUHAN
18	KULDEEP SINGH
19	KUMARI MALA BHARTI
20	MANIKA
21	MANISHA KUMARI
22	MEENU KUSHWAHA
23	MEESHA AURORA
24	MOHD FAISAL
25	NAZIYA MOIN
26	NEHA RANI
27	NISHA
28	NITASHA
29	POOJA
30	POOJA DHULL
31	PRASHANT KUMAR
32	PRIYA SINGH
33	PUJA
34	RABIN JACOB
35	ROHIT KANOJIA
36	SALONI AGGARWAL
37	SAURABH
38	SHEETAL
39	SHIKHA KANOJIA
40	SHUBHAM TYAGI
41	SUMAN RANA
42	SWETA KAIM
43	VAIBHAV AGARWAL

Handwritten signature



अध्यक्ष/Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

44	VARUN PANDEY
45	VIKASH KUMAR
46	ZOYA KALIM

Wahid



अध्यक्ष/Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

M.Sc. Forensic Science Part-II Sem-IV field work in 2019

S. No.	Student Names
1	AAKANSHA MAHAVERIYA
2	AISHWERYA SHALINI
3	AJAY
4	ARADHANA KUMARI
5	DEEPAK
6	DEEPAK KUMAR
7	DEEPANSHU KAPASIYA
8	DEEPIKA
9	DEEPTI VATS
10	DIKSHA KUMARI
11	DIVYA SEHGAL
12	GURSIMRAN KAUR
13	HARNEET KAUR
14	HEENA JOON
15	HRISHIKESH SEN
16	ISHAAN KHANNA
17	JAISLEEN KAUR
18	JAYA SINGH
19	KAMINI YADAV
20	KRISHAN KUMAR
21	KUMUDANI BALA GAUTAM
22	LALREMURATI
23	MOHD IBRAHEEM KHAN
24	NEETU MEHTA
25	NIDHI
26	NIVEDITA SHARMA
27	PINKY YADAV
28	PRASHASTI SINGH
29	RAVEEN KAUR
30	RAVNEET KAUR
31	RESHMA KUMARI
32	SAURAV JOSHI
33	SHIVANGI SHARMA
34	SHIVANI KAPIL
35	SHIVANI TYAGI
36	SIMRAN KAUR MUDHAR
37	SONAL ARORA
38	SUBHAM MUKHERJEE
39	SUBHASHREE SAHOO
40	SWETA MISHRA
41	TAMANNA
42	TASHI PHUNCHOK
43	SAPTESWAR NAIK



Mahak
 Head
 Department of Anthropology

Department of Anthropology
 दिल्ली विश्वविद्यालय, दिल्ली-110007
 University of Delhi, Delhi-110007

B.Sc. Forensic Science Part-II Sem-IV Field work in
2020

S. No.	Student Names
1	ADITYA YADAV
2	AFSEEN ANSARI
3	ANANYA K.S
4	ANJALI
5	ANJALI KUMARI
6	ANJALI KUSHWAHA
7	AYUK SARUNGBAM अ
8	AYUSHI TYAGI
9	BHARTIE SACHDEVA
10	CHHAVI SINGH
11	CHITRA GAUTAM
12	GOURAV
13	GYAN RAJ
14	ISHA GARG
15	ISHVINDER SINGH
16	KAMSALEM GUITE
17	KISHOR BHAURAO HARINKHEDE
18	LAKSHIKA VAISHNAV
19	MARWA JAMSHED
20	NEHA AFARIA
21	NEHA KUMARI
22	NEHA KUSHWAHA
23	NEHA SHARMA
24	NISHA CHAUHAN
25	POOJA
26	PREETI GUPTA
27	PREETI SINGH
28	RAPELLI MEGHANA RAO
29	ROHIT AWASTHI
30	ROSHAN
31	SAKSHI SHARDA
32	SHILPI RAWAT
33	SIMRAN LALWANI
34	SREEJA DUTTA
35	SRISHTY
36	SURAJ KUMAR
37	SRISHTI PARASHAR
38	ASHIMA OHRI
39	ARUN KUMAR




Signature

Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

M.Sc. Forensic Science Part-II Sem-IV field work in 2022

S. No.	Student Names
1	Ajay kumar
2	Akansha Singh
3	Akhith
4	Amal Ajith
5	Anusha Singh
6	Anushka
7	Aparna
8	Aparna Thamby
9	Ashwani Chauhan
10	Atul Selangia
11	Bhawna Goyal
12	Christy John
13	Dhanshree Sayangrushhi Borkar
14	Ekta yadav
15	Isha
16	Isha Rajput
17	Kajal
18	Kamna Jain
19	Kanika Sahni
20	Karishma Ranjan
21	Manvi Chaudhary
22	Mohamed Ihsan
23	Nazla khalid
24	Neha Saini
25	Neha Singh
26	Niharika Kaushik
27	Nikita Bohare
28	Niwedita
29	Pawan
30	Praisey Sajeer Arakal
31	Preety Monilisha
32	Rajul Chaddha
33	Ritu
34	Sanjana Chaudhary
35	Shifas Firose
36	Shivani
37	Shivani
38	Shivani
39	Simran Chandola
40	Sonam Yangzin
41	Vaishalli
42	Gangipogu Vijay Kumar
43	Inu Godak


 Head of the Department
 Department of Forensic Science
 P. O. Box No. 110007
 Bangalore - 560 007

B.Sc. Anthropology Part- III Sem- VI 2018

S. No.	Student's Name
1	Aradhana Gupta
2	Avani Chahar
3	Pragya Gautam
4	Tanika Dahiya
5	Ruchika Bargali
6	Niti
7	Divyanshi Tomar
8	Ashima Padiyal
9	Isha Jain
10	Isha S.
10	Vilakshana Dayma
11	Sonuja Nandinee Barik
12	Rohit Kumar
13	Harikrishnan P
14	Shakshi Dahiya
15	Manisha Rathee
16	Anmol Mishra
17	Mohammed Yasin PP
18	L. Bikram Meitei
19	Ameya Datman (CIC)
20	Saurabh Patel (CIC)
21	Kirti Krishan (CIC)
22	Desh Deepak (CIC)
23	Rajat Tiwari (CIC)
24	Thiyam Satyajit Singh
25	Rashi Thakur
26	Smriti
27	Janani
28	Archita
29	Shivani
30	Stanzin
31	Gargi
32	Sakshi
33	Akash
34	Vini
35	Dieksha
36	Parul
37	Poonam
38	Srishti Chandra
39	Tsering
40	Duttnath
41	Rahul



Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

B.Sc. 2019 students Fieldwork

S. No.	Student
1	Duttnath Thakur
2	Aradhana Gupta
3	Smriti
4	Divyanshi tomar
5	Archita tandon
6	Harikishan P
7	Manisha Rathi
8	Shakhsi Dhiya
9	Avani Chahr
10	Isha Shehra
11	Janani ilamparithi
12	Anmol Mishra
13	Ashima Padiyal
14	Sonuja Nandee Barik
15	Vini srivastav
16	Isha jain
17	Ruchika bargali
18	Mohammed yasin P.P
19	Niti
20	Tsering Chosdon
21	Srishti chandra
22	Rohit kumar
23	Leimakhujam Bikram singh
24	Vilakshana Dayma
25	Gargi Raina
26	Shivani
27	Deeksha
28	Rahul
29	Poonam
30	Aakash Anand
31	Sakshi Saxena
32	Jatin Arora

M.Sc. 2019 field work

S. No.	Student Name
1	Bonish Singh
2	Robertson Akoljam
3	Rashika kohli
4	Kirtl rao
5	Ynathungbeni R. Ovung
6	Prashant vijay
7	Neingthorn Raaj singh
8	Preksha sahai
9	Neha yadav
10	Praveen k patel
11	Gunnaz
12	Harsh Vardhan tiwari
13	Shangrapkan Utam kumar singh
14	Krishan kant yadav
15	Saptarshi Bairagi
16	Sapna
17	Ananya Jyoti gogoi
18	Sonia
19	Meenakshi
20	Subhash kumar
21	Shweta jain
22	Tarun tushar raina
23	Ved prakash
24	Sweta prasad
25	Anushikha lohagan
26	Vidit vinodiya
27	Nirmal nath upadhyay
28	Chandani patel



Handwritten signature

अध्यक्ष / Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

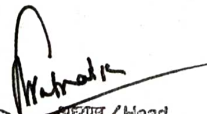
B.Sc. 2020 field work

S. No.	Student Name
1	Kamakshi varshney
2	Kavya raj
3	Shweta kumari
4	Tina nayak
5	Somya singh
6	Archna tandan
7	Divyansha khajuria
8	Kumud verma
9	Nandita ir
10	Komal Dhima
11	Tvisha Mohan
12	Vishal Kumar
13	Sumedha Sharma
14	Aishwarya Ramkumar
15	Bhaskaralok
16	Dejna daulagupu
17	Khullakpam alim
18	Akansha Rana
19	Karan Kashayap
20	Dishant Tomar
21	Sajid saifi
22	Rashi Thakur
23	Anshika tripathi
24	Nidhi
25	Abdul Bariniyazi Cp
26	Akansha Saxena
27	Mukti singhal

M.Sc. 2020 field work

S. No.	Student Name
1	Anurag vaishnav
2	Daipyansh Ghosh
3	Himani Rathore
4	Jaiganmei Kamei
5	Janees Ahmed Lanker
6	Kamal Chaudhary
7	Laveena
8	Nimal MM
9	Prachi Manral
10	Priya parul
11	Riya
12	Sagarika rao
13	Shivam agarwal
14	Shruti chauhan
15	Suramyia Pushan Dasgupta
16	Teena
17	Tongbram malennganbi devi
18	Tongbram sarika devi
19	Vaidehi Goswami
20	Yogesh Yadav
21	Angana Goswami
22	Dreeti Hazarika
23	Himadri Handique
24	Mayur trishna Barman
25	Mhalevio
26	Shreya raj
27	Shrishti tripathi
28	Kumar Dwaipayana Dey




 अध्यक्ष / Head
 मानव विज्ञान विभाग
 Department of Anthropology
 दिल्ली विश्वविद्यालय, दिल्ली-110007
 University of Delhi, Delhi-110007

B.Sc. 2022 field work

S. No.	Student Name
1	Rakitin Das
2	Akshay Chaudhary
3	Pranav Nagwanshi
4	Mahesh Krishnam
5	N. Shamjoel
6	Moh. Nasir
7	Meghna Chaudhary
8	Sanskar Yadav
9	Md. Sadiq mustaf
10	Drokcham Robinson
11	Anusree K
12	Akhilesh
13	Muksin moh
14	Ruma nagar
15	Shakshi Rawat
16	Adarsh Gupta
17	Gurkawal Kaur
18	Ayush Pandey
19	Anshal Tibrewal
20	Nusrat jabeel
21	Simran Raghav
22	Km. Akansha
23	Habiba Haroon
24	Mumuksha Parwal
25	Rituparna pant
26	Vanshika sharan
27	moh. Hashir
28	Vaishnawi kumar
29	Emeli L
30	Yashika sharma
31	Sejal nagpal
32	Anisha rawat

M.Sc. 2022 field work

S. No.	Student Name
1	Nusrat Chaudhary
2	Inderdeep Kaur
3	Harshita Priyadarshi
4	Shweta Kumari
5	Yogesh Kumar
6	Divyansh Khajuria
7	Vaishali
8	Sohini bhattacharya
9	Upasna Dutta
10	Gargi mitra
11	Tuisna mohan
12	Tina nayak
13	Uddipana sharma
14	Rashi thakur
15	Kumud Verma
16	Oishi Chuadhary
17	Suranya Guha Niyogi
18	M. Vyshawi
19	Dupanshi Gandhul
20	Sumeet Gonda
21	Karan kashyap
22	Vijay Yadav
23	Girdhari chaudhary
24	Sanjay Akoijam
25	Anshika Tripathi
26	Priyoshmita Das
27	Ngawang Yanga
28	Archana Yadav
29	Shanaj fatima
30	shromona Das
31	Akasnha Rana
32	Somya singh
33	Khullakpam Alim
34	Kavya Raj
35	Dejna Daulagupu
36	Mukti Singhai



अध्यक्ष/Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007

B.A. Sc. Anthropology Part-II Sem-IV 2023

S. No.	Name of Student
1	ASHISH
2	DHARITRI KALITA
3	DILEEP KUMAR YADAV
4	DIVYA
5	FAYEZA NAIM
6	HARSHITA MASIWAL
7	JANNIGORLA JAAGRUTHI
8	JYOTI GOYAL
9	MADHURIMA SAMANTA
10	MEENAL SONI
11	MEHAK SINGH
12	MONA RAJ
13	PRATIK KUMAR MEHTA
14	PREETI
15	PRIYANKA CHOUDHARY
16	RAJDEEP DASGUPTA
17	RAJDEEP TAMULI
18	RISHAV KUMAR RISHU
19	SHIPRA SINGH
20	SNEH SAURAV
21	SNEHA BHARTI
22	SUPRIYA SINHA
23	TEPI JINI
24	VASUNDHRA SHARMA
25	YASHVI SINGH
26	ANKUR HALDER
27	AYACHI SINGH
28	BERJEES ALTAFA SHAH
29	BHOOMIKA GAUR
30	L SHRAVANI
31	MONIKA
32	N. BEAUTY DEVI
33	NASANI THANUSRI
34	RAJSHREE LAISHRAM
35	SUPRIYA PANDEY
36	SURBHI
37	ABANTIKA DATTA



Mahale
बध्यक्ष / Head
मानव विज्ञान विभाग
Department of Anthropology
दिल्ली विश्वविद्यालय, दिल्ली-110007
University of Delhi, Delhi-110007



Annexure-II

Sample Project Reports



A DISSERTATION SUBMITTED TO THE DEPARTMENT OF ANTHROPOLOGY
UNIVERSITY OF DELHI

IN A DEVOUT LAND

"AN ETHNOGRAPHIC EXPLORATION OF
KAMAND VALLEY, MANDI"

UNIVERSITY OF DELHI
LIBRARY
2002553010
DEPARTMENT OF ANTHROPOLOGY, PHASE VI



**Department Of Anthropology,
University Of Delhi**

IN A DEVOUT LAND

“AN ETHNOGRAPHIC EXPLORATION OF KAMAND VALLEY, MANDI”

BY

NISHTHA SAHAI (20025551038)

SEMESTER VI

*A Dissertation submitted to the Department of Anthropology at the University
of Delhi to meet partial fulfilment of the requirements for the degree of
Bachelor of Science in Anthropology*

Batch of 2020 – 2023

PREFACE

"The most important thing I learned during my fieldwork is that people are not just subjects to be studied; they are individuals with their own unique histories, beliefs, and values." – **Zora Neale Huston**

The Kamand Valley, located in the Mandi region of Himachal Pradesh, India, is a land of rich cultural legacy and ardent religious beliefs. As an ethnographer, I was granted the opportunity to travel through this valley and explore its distinctive community. This dissertation is concerned with comprehending the intricate interplay that exists between the cultural and biological elements that make up this location. The research findings reveal an uncommon insight into the social, cultural, and biological fabric of this region, which has frequently been overlooked by conventional literature.

As an anthropology student, I've been perpetually captivated by anthropologists' fieldwork. I was delighted with the prospect of gaining a more comprehensive knowledge of the ethnographic techniques employed in anthropology while gaining firsthand experience of the challenges and opportunities of the field. The BSc (H) fieldwork is an invaluable opportunity for a prospective anthropology student. It provided me with the hands-on abilities and knowledge that I believe I must possess as a future anthropologist. In addition to the opportunity to witness firsthand the transformational impact of anthropological fieldwork, we also gained a greater appreciation for the cultural diversity of the communities we explored and an enhanced understanding of the relevance of cultural sensitivity in ethnographic field research

I would like to extend my gratitude to the people of Mandi, who embraced us into their community and graciously shared their personal narratives and observations with us.

This study wouldn't have been possible without their support and cooperation.

ABSTRACT

This dissertation seeks to investigate the vitality of fieldwork for BSc anthropology students, and it additionally addresses the importance of a comprehensive ethnographic narrative while investigating an ethnic group. The study focuses on the Kamand Valley populace, examining both biological and cultural components. The investigation adopts a qualitative approach, employing ethnographic methodologies such as participant and non-participant observation, semi-structured interviews, and document analysis. The study acquired data about the Kamand Valley population's history, dialect, customs, beliefs, practises, politics, religion, kinship, marriage, education, and economy employing the aforementioned methods.

This dissertation is the culmination of my journey, which commenced with a fascination with the cultural traditions of this region and matured into a deep admiration for the community and their way of life. The study's findings divulge the profound influence of spirituality and faith on the everyday affairs of Kamand Valley inhabitants. The valley is densely packed with temples, and the inhabitants adore their deities. Their social interactions, ceremonies, and rituals are dictated by the values they hold. This dissertation is structured into chapters, each of which analyses a distinct component of the cultural and biological landscape of the Kamand Valley and its surrounding communities.

This field research highlights the relevance of fieldwork for BSc anthropology students seeking firsthand knowledge in data gathering, analysis, and interpretation. A comprehensive ethnographic account additionally offers a more thorough knowledge of the community, enabling researchers to draw appropriate inferences about their way of life and physiology.

Ultimately, this dissertation is a testament to the richness and complexity of the Kamand Valley and its surrounding villages. By bringing together insights from anthropology, cultural, biological, and environmental studies, it provides a holistic and multifaceted perspective on the interplay between people and their environment in this devout land.

Table of contents

Chapter 1 The Fieldwork Tradition in Anthropology

What is Anthropology?.....	Page. 1
What is fieldwork in Anthropology?.....	Page. 1 – 2
The Relevance of fieldwork in Anthropology.....	Page. 2
Origin of Anthropology and Emergence of fieldwork.....	Page. 2 – 6
The fieldwork Tradition.....	Page. 7 – 8
Shifts in fieldwork Tradition.....	Page. 8
Introduction to Village studies.....	Page. 9 – 11
Reaching out to the community.....	Page. 12
Various sites of Fieldwork.....	Page. 12 – 14
Cultural and Biological variables.....	Page. 14 – 15
Objectives of the study.....	Page. 16

Chapter 2 Field Methods in Anthropology

Introduction.....	Page. 17
What is field methodology?.....	Page. 17
Reflection on Techniques and Methods.....	Page. 18 – 20
The journey and exposure in the field.....	Page. 21 – 25
Experience in the field.....	Page. 25 – 27
Field Techniques and Methodology.....	Page. 27 – 32

Problems faced throughout the fieldwork.....	Page. 33 – 34
Limitations of the study.....	Page. 35

Chapter 3 The Area and the People

Introduction.....	Page. 36
Universe of the study.....	Page. 37 – 42
Dialect and Communication.....	Page. 42 – 43
Physical layout of the village.....	Page. 43 – 46
Climatic condition.....	Page. 47
Flora and Fauna.....	Page. 47 – 49
MAJOR SOCIAL INSTITUTIONS	
Caste groups and caste relations.....	Page. 49 – 54
Kinship, family and marriage.....	Page. 55 – 57
Economy and livelihood.....	Page. 58 – 66
Political organization.....	Page. 67 – 68
Educational status.....	Page. 68 – 70
Religious Institution.....	Page. 71 – 74
Rites of passage rituals in Mandi.....	Page. 75 – 76

Chapter 4 The physical profile of the people of Mandi

Introduction.....	Page. 77
Relevance of Physical Anthropology.....	Page. 77 – 78

Relevance of Somatometry.....	Page. 78 – 79
The demographic Profile.....	Page. 79 – 85
1. Composition of population	
2. Age pyramid	
3. Sex ratio	
4. Educational status	
5. Occupation	
General distribution of somatometric variables.....	Page. 86 – 91
1. Standing height	
2. Body weight	
3. Waist circumference	
4. Hip circumference	
Distribution of Mean and standard deviation of BMI and WHR.....	Page. 92 – 101
1. Prevalence of obesity w.r.t BMI	
2. Prevalence of obesity w.r.t WHR	
Blood pressure trends.....	Page. 102 – 105
Color blindness.....	Page. 105 – 108
Blood types and frequency distribution.....	Page. 108 – 113
Fingerball Dermatoglyphics.....	Page. 114 – 120

Chapter 5 The Local Deity Worship Tradition in Mandi

Introduction.....	Page. 121
Himalayas disguised as “DevBhoomi”	Page. 122 – 124
The Deity Institution.....	Page. 124 – 127
Shamanistic Tradition – concept of “gur”	Page. 127 – 131

Shivaratri in Mandi	Page. 132 – 135
Case study.....	Page. 136 – 144

THE STORY OF MAHARISHI PARASHAR AND BIRTH OF VED VYAS

Chapter 6 Summary and Conclusion

Summary and Conclusion (chapter 1).....	Page. 145 – 148
Summary and Conclusion (chapter 2).....	Page. 149 – 152
Summary and Conclusion (chapter 3).....	Page. 153 – 156
Summary and Conclusion (chapter 4).....	Page. 157 – 160
Summary and Conclusion (chapter 5).....	Page. 161 – 164

References.....	Page. 165 – 166
-----------------	-----------------

AN OUTHOUSE TRAINING REPORT

A REPORT OF TRAINING IN REGIONAL FORENSIC SCIENCE LABORATORY (RFSL) CHANAKYAPURI, DELHI

**Submitted as a requirement for partial fulfilment of Degree of Master of Science in
Forensic Science**



**SUBMITTED BY
SURYA LAKSHMI M K
MSC FORENSIC SCIENCE FINAL YEAR
ROLL NUMBER:21215752017
DEPARTMENT OF ANTROPOLOGY
UNIVERSITY OF DELHI
DELHI 110007
SESSION :2021-2023**

ACKNOWLEDGEMENT

The training opportunity I had with Regional Forensic Science Laboratory (RFSL) Chanakyapuri, Delhi was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided the opportunity to be a part of it. I am also grateful for having chance to meet so many wonderful people and professionals who led me through this training period.

Bearing in mind previous I am using this opportunity to express my deepest gratitude and special thanks to Dr. Kanaklalatha Varma (Assistant Director), Chemistry division RFSL Chanakyapuri, Delhi. who in spite of being extraordinary busy with his duties, took time out to hear, guide and keep me on the correct path during the training. I express my deepest thanks to the Prof. Mohinder. Paul. Sachdeva, Head of the Department of Anthropology, who allowed me to carry out my training in the SFSL Rohini, Delhi. It is my radiant sentiment to place on record my best regards, deepest sense of the gratitude to Mr Biswajit Sandra and Ms. Shwetha (Lab Assistant) for their careful and precious guidance which were extremely valuable for my study. I perceive as this opportunity as a big milestone in my career development. I will strive to use gained skills and knowledge in the best possible way, and I will continue to work on their improvement in order to attain desired career objectives.

TABLE OF CONTENT

S.NO	INFORMATION	PAGE NUMBER
1	INTROBUCTION	4-5
2	HISTORY AND DEVELOPMENT OF FORENSIC SCIENCE LABORATORIES IN INDIA	6-9
3	TYPES OF FORENSIC SCIENCE LABORATORY	10
4	DELHI FORENSIC SCIENCE LABOTATORY	11-12
5	DIVISION AND THEIR WORKS	13-19
6	METHODS AND INSTRUMENTS USED IN FORENSIC SCIENCE LABORATORY	20-24
7	RFSL CHANAKYAPURI	28
8	CHEMISTRY AND TOXICOLOGYDIVISION OF RFSL CHANAKYAPURI	28-30
9	SYSTEM OF RECEIVING CASE AT FSL	30-31
10	OPENING OF THE CASE	31-32
11	EXAMINATION OF EVIDENCES	32
12	DAILY WISE REPORT	33-42
13	CASE REPORT	43
14	CHALLENGES FACING FORENSICS SCIENCE LABORATORIES IN INDIA	43
15	ETHICS IN FORENSIC SCIENCE	44
16	REFERENCES	45

AN OUTHOUSE TRAINING REPORT

A REPORT OF TRAINING

IN

REGIONAL FORENSIC SCIENCE LABORATORY (RFSL),

CHANAKYAPURI, DELHI

Submitted as a requirement for partial fulfillment of Degree of

Master of Science in Forensic Science



SUBMITTED BY

PRITI

ROLL NO. : 21215752026

M.SC. FORENSIC SCIENCE (FINAL YEAR)

DEPARTMENT OF ANTHROPOLOGY

UNIVERSITY OF DELHI

DELHI – 110007

SESSION: 2021- 2023

ACKNOWLEDGEMENT

This project report is based on the outhouse training carried out at Regional Forensic Science Laboratory, Chanakyapuri, New Delhi. I would like to express my sincere gratitude to all those who gave me the possibility to complete this training report. I would like to thank our former H.O.D Prof. M.P. Sachdeva and H.O.D. Prof. S. M. Patnaik for providing me with this opportunity to work at RFSL.

I express my sincere gratitude to Sh. K. C .Varshney (Deputy Director/HOO, RFSL, Chanakyapuri) and Dr. Kanak Lata Verma (Assistant Director, Chemistry division) for providing me with the opportunity to do this training and report.

I would also like to thank the staff of the forensic science laboratory for allowing me to learn various methods of forensic investigation. I would express my gratitude to Senior Scientific Officers (SSOs), Senior Scientific Assistants(SSAs) and Lab Assistants for providing me with immense knowledge and the opportunity to learn the various toxicological techniques and instruments used in forensic investigation. Without them this report would not have been possible, their valuable suggestions and kind supervision were of immense help throughout the Report, working under them was indeed a very knowledgeable and a lifetime-learning experience for me.

Lastly I would like to thank my friends and family for supporting and guiding me in making this report.

CONTENT

SR. NO.	TOPIC	PAGE NO.
1.	INTRODUCTION	4-6
2.	ORGANISATIONAL SETUP OF FORENSIC SCIENCE LABS IN INDIA	7-8
3.	DIRECTORATE OF FORENSIC SCIENCE SERVICES (DFSS)	9
4	CENTRAL FORENSIC SCIENCE LABORATORIE	10-14
5.	LAB ADMINISTRATION HIERARCHY	15
6.	STATE FORENSIC SCIENCE LABORATORY, ROHINI, DELHI	16
7.	REGIONAL FORENSIC SCIENCE LABORATORY (RFSL), CHANAKYAPURI DIVISIONS	16-40
8.	REFERENCES	41

Analysis of Handwriting Characteristics among Females (Kerala and Manipur)

**A Dissertation Submitted to University of Delhi
in Partial Fulfillment of the Requirement
for the Degree of**

**MASTER OF SCIENCE
IN
FORENSIC SCIENCE**

**Submitted By
SAKHILANG RYNGKSAI**

**Under the Supervision of
DR. SUMAN DUA**

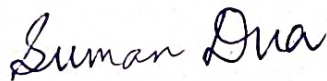


**Department of Anthropology
University of Delhi
Delhi-110007
May, 2023**

CERTIFICATE

This is to certify that the work contained in the Dissertation work entitled "Analysis of Handwriting Characteristics among Females (Kerala and Manipur)", submitted by SAKHILANG RYNGKSAI for the award of the degree of MSC FORENSIC SCIENCE to the DEPT. OF ANTHROPOLOGY, UNIVERSITY OF DELHI, is a record of bonafide research works carried out by her under my direct supervision and guidance. I considered that the work has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in this dissertation work have not been submitted for the award of any other degree or diploma in this or any other university.

Date: 12 MAY 2023



Signature of Supervisor and designation

Place: DELHI

Department of Anthropology

DECLARATION

I certify that the work contained in this dissertation is original and has been done by myself under the supervision of my supervisor.

The work has not been submitted to any other Institute for any degree or diploma.

The work has been conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.

S. R. Ryngksai

DATE : 12 MAY 2022

NAME OF STUDENT: SAKHILANG RYNGKSAI

PLACE : DELHI

REGD. NO : 21215752031

ACKNOWLEDGEMENT

I would like to express my gratitude towards my parents and teachers for their kind co-operation and encouragement which helped me in completion of this dissertation and thanking to God, most gracious and most merciful who bestowed me strength, courage and perseverance to undertaken the present course of study and complete it successfully.

It's my privilege and most amiable duty to acknowledge my deep sense of gratitude to my guide Dr. Suman Dua , Guest Faculty, Department of Anthropology, University of Delhi, New Delhi, for her scrupulous proficient guidance, perpetual encouragement, significant suggestions, overwhelming support and continuous supervision throughout the course of my dissertation work. Finally, a very special thanks to my parents for their love, encouragement and financial assistance which made this task happens.

LIST OF CONTENTS

		Page no
1.	Introduction	6-10
2.	Objectives	11
3.	Review of Literature	12-15
4.	Terminology in Handwriting Examination	15-17
5.	Methodology	18-70
6.	Result and Discussion	71
7.	Conclusion, Limitations, Future scope	72
8.	Forensic Significance	73
9.	References	74-75

**SOCIAL FRAMEWORK OF AGRICULTURE: AN
ANTHROPOLOGICAL STUDY OF AGRARIAN SOCIETIES IN
MANDI, HIMACHAL PRADESH**

**DISSERTATION SUBMITTED TO THE DEPARTMENT OF
ANTHROPOLOGY, UNIVERSITY OF DELHI IN PARTIAL FULFILMENT
OF MASTER'S DEGREE (2021-2023)**



**Submitted by
TEPI JINI
M.Sc. ANTHROPOLOGY
(SOCIAL ANTHROPOLOGY)
Roll No: 21025740023**

**Under the Supervision of
Dr. M. KENNEDY SINGH**



दिल्ली विश्वविद्यालय

University Of Delhi

DECLARATION

This is to declare that the dissertation “Social Framework of Agriculture: An Anthropological Study of Agrarian societies in Mandi, Himachal Pradesh” is an original work based on empirical fieldwork conducted at Mandi, Himachal Pradesh from February 17th to 2nd March, 2023. No part of this work is submitted to any other institutions for award of any degree. This dissertation is submitted to University of Delhi in partial fulfilment of the requirement for the award of degree Master of Science in Anthropology.

Date: 16th May 2023

Tepi Jini


M.Sc. Anthropology (2021-2023)

Social Anthropology

Roll No: 21025740023

Department of Anthropology

University of Delhi


(Dr. M. Kennedy Singh)

Contents

Acknowledgements	4
Preface	5
Chapter 1: Introduction	9
Chapter 2: Methodology	19
Chapter 3: Land and the People	29
Chapter 4: Agricultural Traditions and Practices	57
4.1. Mythology and World View.....	57
4.2. Historical Traditions in Agriculture.....	59
4.3. Traditional Knowledge and Values	61
4.4. Agricultural Festivals and Rituals.....	63
4.5. Crop Cycle and Crop Pattern.....	66
4.6. Agricultural Calendar.....	68
Chapter 5: Agriculture through Social Lens	70
5.1. Land Tenure, Ownership and Conflicts.....	70
5.2. Law and Revenue.....	73
5.3. Community and Gender Dynamics.....	74
5.4. Inter-Occupational and Economical matrix	77
Chapter 6: Sustainability and Challenges.....	79
6.1. Ecological & Environmental Challenges.....	79
6.2. Old Vs. The New Traditions.....	81
6.3. Agri-Knowledge: Water & Soil Conservation.....	83
6.4. Progressive Farming & Entrepreneurship.....	85
6.5. Future Challenges.....	89
Discussions and Conclusion.....	91
Works Cited	93
Glossary	96
ANNEXURE 1: Images and Figures.....	99
ANNEXURE 2: Household Survey Schedule	106

Acknowledgements

I would like to express my sincere gratitude to Prof. M.P Sachdeva, the former Head of the Anthropology Department, and Prof. S.M. Patnaik, the present Head of the Anthropology Department, for granting me the opportunity to pursue this research in Mandi.

I am deeply indebted to my supervisor, Dr. M. Kennedy Singh, Associate Professor, Department of Anthropology, University of Delhi, for his supervision, valuable suggestions, and critical comments. His expertise and dedication have played a significant role in shaping this research.

I am also grateful for his keen interest in organizing and facilitating the fieldwork, which has been instrumental in the success of this study.

I would also like to acknowledge the assistance of Hoshiyar Singh Sir, lab attendant, the Anthropology Department, University of Delhi. His presence and support during the fieldwork, as well as his assistance in language translation, have been greatly appreciated.

I extend my heartfelt thanks to the participants who willingly shared their experiences and knowledge. Their willingness to contribute and their cooperation throughout the research process have been indispensable. Without their active participation, this study would not have been possible.

Finally, I am deeply grateful to my family and friends for their unwavering support, understanding, and encouragement throughout my academic journey. Their love, motivation, and belief in my abilities have been a constant source of strength, and I am truly thankful for their presence in my life.

DEPARTMENT OF ANTHROPOLOGY

UNIVERSITY OF DELHI

DELHI - 110007



A REPORT ON COURT ROOM VISIT

*Submitted in Partial fulfillment for the Award of the Degree of Master's
in Forensic Sciences*

SUBMITTED BY

Ms. CHRISTY SUSAN THOMSON


(21215752007)

DECLARATION BY THE CANDIDATE

I, hereby, declare that the submitted thesis is original. All the observations reported were based on the actual work carried out by myself for the purpose of partial fulfilment as the requirement for the award of degree of Master of Science (M. Sc.) in Forensic Science of the University of Delhi.

I hereby state that:

- The report has been written in my own language.
- Content of this article does not contain any text, diagram without appropriate acknowledgement.
- This work has not been submitted earlier for any diploma and / or degree of the University of Delhi or any other University.

 12/05/2023

Christy Susan Thomson

M.Sc. Forensic Science

Roll No. 21215752007

Department Of Anthropology

University Of Delhi

110007

ACKNOWLEDGEMENTS

I would like to express my gratitude to Prof. M.P. Sachdeva (Former HOD) and Prof. S.M. Patnaik, Head, Department of Anthropology, University of Delhi, for their support and guidance during the journey and also for their motivation, enthusiasm and immense knowledge and making all the resources available necessary for the completion of the report successfully.

I am highly indebted to the officials of Saket District Court, New Delhi for their guidance and opportunity as well as for providing necessary information regarding the training & also for their constant support in completing the report. I would like to express my deepest appreciation to all who helped me to imbibe more knowledge from the scene of crime to the criminal proceedings in the Court. I would also like to express my gratitude towards my parents, brothers & teachers for their kind co-operation and encouragement which helped me in completion of this report. I would like to express my special gratitude and thanks to crime team persons for giving me attention and time, in spite of their busy duty schedules. My sincere thanks and appreciations to all my colleagues who aided me in developing the report and people who have willingly helped me out with their abilities.

Christy
12/05/2023

Christy Susan Thomson

M.Sc. Forensic Science

Roll No. 21215752007

Department Of Anthropology

University Of Delhi

110007

INDEX

S.NO.	PARTICULARS	PAGE NO.
1	INTRODUCTION	8-9
1.1	OBJECTIVES OF CRIMINAL JUSTICE SYSTEM IN INDIA	10
1.2	EVOLUTION OF CRIMINAL JUSTICE SYSTEM IN INDIA	10-11
1.3	COMPONENTS OF INDIAN CRIMINAL JUSTICE SYSTEM	11-12
1.4	ISSUES WITH CRIMINAL JUSTICE SYSTEM IN INDIA	13
1.5	REASONS FOR POOR CRIMINAL JUSTICE SYSTEM	14
2	PROCESS OF CRIMINAL JUSTICE SYSTEM	15-17
2.1	TYPES OF CRIMINAL TRIAL	17
A	STAGES OF CRIMINAL TRIAL IN A WARRANT CASE WHEN INSTITUTED BY THE POLICE REPORT	18
B	STAGES OF CRIMINAL TRIAL IN A WARRANT CASE WHEN PRIVATE COMPLAINT INSTITUTES CASE	19
C	STAGES OF CRIMINAL TRIAL IN A SUMMONS CASE	20
D	STAGES OF CRIMINAL TRIAL IN SUMMARY CASES	21
3	INDIAN JUDICIARY	24-25
3.1	COURT	25-26
3.2	HIERARCHY OF COURTS	26-33
3.3	FUNCTIONS OF JUDICIARY IN INDIA	33-34
4	DISTRICT COURTS IN DELHI	35-40
4.1	E-COURT MISSION MODE PROJECT	41-46
5	SAKET DISTRICT COURT	47
5.1	OBJECTIVES OF VISIT	47-48

5.2	PERSONAL OBSERVATION	48-50
5.3	BRANCHES FUNCTIONAL AT SAKET DISTRICT COURTS	50-57
5.4	STRUCTURE OF COURT ROOM	57
6	CASE STUDY	58-59
6.1	COURT PROCEDURE OF THE CASE	59-75
6.2	FORENSIC SIGNIFICANCE IN THE PRESENT CASE	75-76
6.3	FINAL VERDICT	76
7	CONCLUSION	77-80
8	REFERENCES	81

LIST OF TABLES

TABLE NO.	PARTICULARS	PAGE NO.
1	OFFENCES AND PUNISHMENT	17
2	DISTRICT COURTS IN DELHI	36-37

LIST OF FIGURES

FIGURE NO.	PARTICULARS	PAGE NO.
1	STAGES OF TRIAL OF CRIMINAL CASES IN INDIA	22-23
2	STAGES OF TRIAL OF CIVIL CASES IN INDIA	23
3	HIERARCHY OF COURTS IN INDIA	27
4	SUPREME COURT OF INDIA	28
5	TIS HIZARI COURT	37
6	KARKADOOMA COURT	38
7	PATIALA HOUSE COURT	38
8	ROHINI COURT	39
9	DWARKA COURT	40
10	SAKET COURT	40
11	ECOURTS SERVICES MOBILE APP	42
12	ECOURTS SERVICES PORTAL	42
13	HIGH COURT SERVICES PORTAL	43
14	ECOURTS FEE PAYMENT PORTAL	43
15	VIRTUAL COURTS WEBSITE	44
16	NJDG PORTAL	44
17	TOUCH SCREEN KIOSKS	45
18	e-SEWA KENDRA	45
19	e-Filing portal	46

20	SAKET DISTRICT COURT	47
----	----------------------	----

An Out-House Training Report of the Training
Attachment at

**Delhi Forensic Science Laboratory
(Biology Division)**



Report submitted to
Department of Anthropology
University of Delhi
In partial fulfilment of
Master of Science

2021

By

Mohd. Babar

Roll No.: 21215752035

MSc. Forensic Science

Department of Anthropology

University of Delhi

Delhi – 110007

Acknowledgment

I would like to take this opportunity to express my sincere gratitude to the Regional Forensic Science Laboratory, Chanakyapuri for providing me with the invaluable opportunity to undergo training in the field of forensic science. This experience has been a pivotal point in my development and I am deeply appreciative of the support and guidance by the laboratory staff and management throughout my training.

Firstly, I extend my heartfelt thanks to the HOD Dr. K.C Varshney (Deputy Director) , Seema Nain (Assistant director) In-charge Biology Division RFSL, Chanakyapuri, Mr. Saurabh Pathak (Junior Scientific Examiner), and Ms. Gosia Khan (Lab Attendant) and Sh. Naveen Kumar (Lab attendant) and all the staff who has provided me with their guidance, expertise and knowledge about the analysis of biology cases.

I would like to acknowledge the lab staff who gave me hands- on experience in various forensic techniques and procedure.

Lastly, I would like to express my appreciation to my fellow trainees and colleagues who made the training program a corroborative and interactive experience. Their input, feedbacks and discussions have been highly informative and have broadened my knowledge and understanding of forensic biology.

In summary, I would like to thank the forensic biology division for providing me with this opportunity and contributing to my personal and professional growth. I am honoured to have had a chance to work with such a dedicated and skilled team of professionals, and I look forward to applying the knowledge and skills I have gained in my future career.

INTRODUCTION

Crime is a widespread social issue that affects individuals, communities, and societies at large. Criminal activities can range from minor offences to heinous crime that result in loss of life and property. To address the growing incidences of crime, law enforcement agencies and criminal justice system have developed sophisticated mechanism for investigating, prosecuting and preventing criminal activities.

One of the key tools in criminal investigation is forensic science. Forensic science is the application of scientific principles and techniques to solve crime. Forensic science uses various methods and technologies to analyse physical evidence found at the crime scene and link it to suspects, victims, or the crime itself. The use of forensic science has become increasingly important in criminal investigations and court proceedings as it provides objective and scientifically-based evidence that can support or refuse theories and claims made during trial.

Forensic science laboratories are the backbone of criminal justice system. These laboratories employ highly trained and skilled professional who specialize in different area of forensic science, such as DNA analysis, toxicology, ballistics and digital forensics, among others. These professionals work closely with law enforcement agencies and other stakeholders to analyse and interpret evidence collected from crime scene and provide expert testimony in court.

In summary, crime, criminal investigation and forensic science laboratories are interrelated and play a vital role in maintaining law and order in society. The use of forensic science has become an essential component in identifying and convicting criminals, and forensic science laboratories are critical in ensuring the quality and reliability of evidence present in court.

CONTENTS

SN NO	TOPIC	PAGE NO
1	Organizational structure of forensic laboratory	1-2
2	Delhi forensic science laboratory	3
3	Regional forensic science laboratory	4
4	Divisions in RFSL	5-7
5	Training in Biology unit of RFSL	8
6	Case section	9-10
7	Exhibit room	11
8	Case opening room	12-13
9	DNA lab	14-16
10	DNA extraction	17-19
11	DNA amplification	20-23
12	Genetic Analyser	24-26
13	Pherograms and result interpretation	27-28
14	References	29