

Department of Botany, D. S. B. Campus Nainital
M.Sc. – III Semester (Botany) : 2023-24

S.No.	Name of the students	Father's name	Supervisor/Co-supervisor
1.	Abhishek Sikdar	Mr. Shankar Sikdar	Prof. N. Lodhiyal
2.	Mihir Prakash	Mr. Jiwan Prakash	Prof. K. Bargali + Dr. H. Karki
3.	Nitesh Murutoliya	Mr. J.R. Arya	Dr. K. Khulbe
4.	Aastha Mehta	Mr. Vikram Singh Mehta	Prof. S. Tamta
5.	Akanksha	Mr. Govind Singh	Prof. N. Lodhiyal
6.	Anjali Soni	Mr. Janardhan	Prof. N. Lodhiyal + Dr. H.C. Joshi
7.	Bhawana Pandey	Mr. Manoj kumar Pandey	Prof. S. Tamta
8.	Gursahiba Kaur Bhambra	Mr. Inder Pal Singh	Prof. S.S. Bargali + Dr. H. Karki
9.	Kavita Kumari	Mr. Balwant Ram	Prof. L.M. Tewari + Dr. N.C. Pandey
10.	Lata Nitwal	Mr. Ramesh Singh Nitwal	Prof. L.M. Tewari + Dr. N.C. Pandey
11.	Lata Pandey	Mr. Rohit Chandra pandey	Prof. A.K. Bisht + Dr. H.K. Chauhan
12.	Latika Parihar	Mr. Narendra Singh Parihar	Prof. A.K. Bisht
13.	Mamta Gauni	Mr. Godhan Singh	Prof. A.K. Bisht + Dr. H.K. Chauhan
14.	Neha Bhouriya	Mr. Govind Singh Bhouriya	Dr. K. Khulbe + Dr. P. Pant
15.	Neha Jalal	Mr. Rajesh Singh Jalal	Prof. K. Bargali
16.	Pranjali Tiwari	Mr. Ramesh Chandre Tiware	Prof. L.M. Tewari
17.	Preeti Pant	Mr. Lalit Prasad Pant	Prof. S. Tamta
18.	Prerna Kushwaha	Mr. Tej Bahadur Ram	Prof. S. Tamta + Dr. H.K. Chauhan
19.	Priyanshi Arya	Mr. Nand Lal Arya	Prof. N. Lodhiyal
20.	Richa Joshi	Mr. Suresh Chandre Joshi	Prof. S.S. Bargali + Dr. H.C. Joshi
21.	Riddhi Gururani	Mr. Praveen Gururani	Dr. K. Khulbe + Dr. P. Pant
22.	Riya Tiwari	Mr. Naveen Chandra Tiwari	Prof. A.K. Bisht
23.	Siddhi Gururani	Mr. Kishen Gururani	Dr. K. Khulbe
24.	Shivani Rawat	Mr. Ganesh Singh Rawat	Prof. K. Bargali
25.	Shruti Sharma	Mr. Sanjeev Sharma	Prof. L.M. Tewari


 Head 09/09/2023
 Department of Botany
Dr. Surendra Singh Bargali
 Professor & Head
 Department of Botany
 D.S.B. Campus
 Kumaun University, Nainital - 263001
 Uttarakhand (India)

**Innovative Strategies for Rice (*Oryza sativa*) Cultivation:
Response of Zinc Oxide Nanoparticles on Seed Germination
&
Abiotic Stress Mitigation**

Dissertation

Submitted for the partial fulfilment of

Master of Science

in

Botany

Submitted

by

Abhishek Sikdar

Enroll. No: KU19127340

Supervisor

Prof. Neelu Lodhiyal

Co-Supervisor

Dr. Hem Ch. Joshi

Department of Botany

D.S.B Campus

Kumaun University, Nainital-263001

Uttarakhand, (India)

2024

Forwarded

Sikdar

13/06/24
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

**Impact of *Lantana camara* L. on the diversity, composition and
regeneration patterns of invaded sites in *Quercus*
leucotrichophora forest in Kumaun Himalaya**

**Dissertation
Submitted for the partial fulfillment
of the degree of**

Master of Science

in

Botany

By

Mihir Prakash

Enrollment No.

KU-19127656

Supervisor

Prof. Kiran Bargali

Co-supervisor

Dr. Himani Karki

Department of Botany

**D. S. B. Campus, Kumaun University,
Nainital (263002) Uttarakhand, India**

2024

Forwarded



13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263002
Uttarakhand (India)

Evaluation of *Bergenia ciliata* extracts for their antioxidant activity: Potential new sources of natural antioxidants

DISSERTATION

Submitted for the Partial Fulfilment for the Degree
of

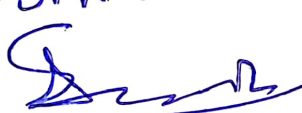
Master of Science in Botany

By

Nitesh Murutoliya

M.Sc IV Semester

Roll No. : 220120640004

Forwarded

18/11/24
Professor
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

UNDER THE SUPERVISION OF

Dr. Kapil Khulbe

DEPARTMENT OF BOTANY, D.S.B. CAMPUS
KUMAUN UNIVERSITY, NAINITAL-263001

2024

**“Effect of drought stress (PEG) and hydroponics on seed germination
and seedling growth of *Vigna radiata* (L.) R. Wilczek”**

Dissertation

Submitted for the award of the degree

of

Master of Science

IN

BOTANY

By

Aastha Mehta

Enrollment No.: KU19127338

Forwarded

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Dr. SUSHMA TAMTA

Professor

Department of Botany

D.S.B. Campus, Kumaun University,

Nainital 263001, Uttarakhand

India

June, 2024



**Propagation of *Cymbopogon flexuosus* (Nees Ex Steud) :
Response of PGR's, Organic and Inorganic fertilizers**

DISSERTATION

Submitted for the award of the degree
of
Masters of Science

IN
BOTANY

By
Akanksha

Forwarded

Under the supervision of



13/06/24

Prof. Neelu Lodhiyal

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Department of Botany,

D.S.B Campus, Kumaun University,

Nainital – 263001 (India)

2024

Nanoparticle Resilience: Zinc Oxide Modulates Morpho-physiological and Biochemical Responses to Drought Stress in Finger millets (*Eleusine coracana* (L))

Dissertation

Submitted for the partial fulfillment of

Master of Science

in

Botany

Submitted

by

Anjali Soni

Enrolment No: KU19125823

Supervisor

Prof. Neelu Lodhiyal

Co-Supervisor

Dr. Hem Ch. Joshi

Forwarded

Department of Botany

D.S.B Campus

Kumaun University, Nainital-263001

Uttarakhand, (India)

2024

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus

Kumaun University, Nainital - 263001
Uttarakhand (India)



**The Effects of Salinity and Temperature Stress on seed germination and
seedling growth in Mung bean (*Vigna radiata* (L.) R. Wilczek)**

DISSERTATION

**Submitted for the Award of the Degree
of
Master of Science
In
Botany**

SUBMITTED BY

Bhawana Pandey

M.Sc. IV Sem

Enrollment Number: KU19127301

Under the Supervision of

Dr. Sushma Tamta

Professor

Department of Botany

D.S.B. Campus, Kumaun University

Nainital, Uttarakhand

June, 2024

Forwarded



13/6/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

**Effect of biochar type and rate of application on germination,
growth and yield indices of *Lens culinaris* Medik**

**Dissertation
Submitted for the partial fulfillment
of the degree of**

**Master of Science
in
Botany**

by

Gursahiba Kaur Bhambra

(Enrollment No. KU22900030)

Supervisor

Prof. S.S. Bargali

Forwarded
[Signature]
13/6/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Co-supervisor

Dr. Himani Karki

**Department of Botany
D.S.B. Campus
Kumaun University, Nainital-263001
Uttarakhand, (India)**

2024

**Allelopathic effect of invasive species *Bidens pilosa* L. and *Euphorbia hirta*
L. extracts on seedling growth of Finger millet (*Eleusine coracana* (L.)
Gaertn.), and Soyabean (*Glycine max* (L.) Merr.)**

DISSERTATION

Submitted for the degree

Of

M.Sc. in Botany

By

Kavita Kumari

M.Sc. IV Semester

Under the supervision of

Prof. Lalit M. Tewari

And

Dr. Naveen Chandra Pandey

Forwarded

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Department of Botany, D.S.B Campus

Kumaun University, Nainital, Uttarakhand

2024

Studies on Ethnobotanical Plants of Bhotia Tribe in Munsyari Region of
Pithoragarh District, Uttarakhand

DISSERTATION

Submitted for the Award

OF

MASTER OF SCIENCE

IN

BOTANY

By

Lata Nitwal

M.Sc. IV Semester

Roll number- 220120640011

Forwarded
[Signature]
13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Prof. Lalit M. Tewari

and

Dr. Naveen Ch. Pandey

Department of Botany

D.S.B Campus

Kumaun University, Nainital

2023-2024



**Effect of PEG, Hydroponic treatment on seed germination and seedling
growth in *Nigella sativa***

DESERTATION

Submitted for the partial fulfillment

Of the degree of

MASTER OF SCIENCE

in

Botany

by

Lata Pandey

Forwarded

18/6/24
Professor & Head
Department of Botany (Enrollment No. KU19129005)
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Supervisor

Prof. Anil Kumar Bisht

Co- supervisor

Dr. Harsh Kumar Chauhan

**Department of Botany
D.S.B. Campus
Kumaun University, Nainital-263001
Uttarakhand, (India)**

2024



**“Effects of NaCl and temperature on seed germination and seedling growth
dynamics in *Angelica glauca* Edgew.”**

Dissertation

Submitted for the award of the degree

of

Master of Science

IN

BOTANY

By

Latika Parihar

Enrollment No.: KU19127639

Forwarded

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaon University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Prof. Anil Kumar Bisht

Department of Botany

D.S.B. Campus, Kumaon University,

Nainital – 263001, Uttarakhand

India

May, 2024



**Effects of salinity and temperature on germination and growth
of *Nigella sativa*
DISERTATION**

**Submitted for the Award of the Degree
of
Master of Science
In
Botany**

SUBMITTED BY

Mamta Gauni

M.Sc. IV Sem

Supervisor

Dr. Anil K. Bisht

Professor

Department of Botany

Co-Supervisor

Dr. Harsh Kumar Chauhan

Assistant Professor

Department of Botany

**D.S.B. Campus,
Kumaun University Nainital,
Uttarakhand
June, 2024**

**Diversity and Taxonomy of Aquatic Hyphomycetes
Isolated from Freshwater Bodies of Kumaun
Himalaya and Antioxidant Activity of *Lunulospora
curvula***

DISSERTATION
SUBMITTED FOR THE PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF
MASTER OF SCIENCE
IN BOTANY

by

NEHA BHOURIYAL

M.Sc. IV SEMESTER

Under the supervision of

Dr. KAPIL KHULBE
Assistant Professor
Department Of Botany
D.S.B. Campus
Kumaun University
Nainital-263001

Dr. PRABHA PANT
Assistant Professor (Contract)
Department Of Botany
D.S.B. Campus
Kumaun University
Nainital- 263001

2024



**Impacts of Invasion by *Lantana camara* on Soil Properties and
Plant Diversity in *Pinus roxburghii* forest in Kumaun Himalaya**

**Dissertation
Submitted for the partial fulfilment
of the degree of**

**Master of Science
in
Botany**

by

Neha Jalal

(Enrollment No. KU19127669)

**Under the Supervision of
Prof. Kiran Bargali**

**Department of Botany
D.S.B. Campus,
Kumaun University, Nainital -263002
Uttarakhand, (India)**

2024

Forwarded

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263002
Uttarakhand (India)

**Effect of pre-sowing treatments on seed germination and seedling growth
dynamics in *Cornus capitata* Wall.**

DISSERTATION

Submitted for the Award

OF

MASTER OF SCIENCE

IN

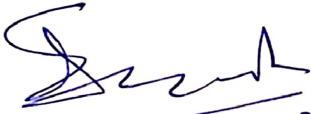
BOTANY

By

Pranjali Tiwari

M.Sc. IV Semester

Roll number- 220120640017

Forwarded

13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263908
Uttarakhand (India)

Under the supervision of

Prof. Lalit M. Tewari

and

Dr. Naveen Chandra Pandey

Department of Botany, D.S.B Campus

Kumaun University, Nainital, Uttarakhand

2024

**Effect of Polyethylene glycol and hydroponics in seed
germination and seedling growth of *Vigna mungo* (L.)**

Hepper.

Dissertation

Submitted for the award of the degree

of

Master of Science

in

Botany

By

Preeti Pant

M.Sc. IVth Semester, (Botany)

Roll no. 220120640018

Under the supervision of

Dr. Sushma Tamta

(Professor)

Department of Botany

D.S.B. Campus, Kumaun University

Nainital- 263001

2023-2024

Forwarded

Sushma
13/6/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)



**“Effect of salinity and temperature on seed germination and seedling growth
dynamics in *Vigna mungo* (L.)”**

Dissertation

**Submitted for the award of the degree
of
Master of Science**

**IN
BOTANY**

By

Prerna Kushwaha

M.Sc. 4th semester, Botany

Roll number – 220120640019

Supervisor

Prof. Sushma Tamta

Co-supervisor

Dr. Harsh Kumar Chauhan

Department of Botany

D.S.B. Campus, Kumaun University

JUNE, 2024

Forwarded

Sushma

13/06/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)



**Propagation of *Cymbopogon winterianus* (Jowitt ex Bor): Response
of PGR's, Inorganic and Organic fertilizers**

Dissertation

Submitted for the partial fulfilment of

Master of Science

in

Botany

Submitted

by

Priyanshi Arya

Enrolment No: KU18105004

Forwarded
[Signature]
13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Prof. Neelu Lodhiyal

Department of Botany

D.S.B Campus

Kumaun University, Nainital-263001

Uttarakhand, (India)

2024



**Enhancing seed germination and alleviating abiotic stress in
finger millet (*Eleusine coracana* L. Gaertn.) using silicon
dioxide nanoparticles**

Dissertation

Submitted for the partial fulfillment of

Master of Science

in

Botany

Submitted

by

Richa Joshi

Enroll. No.: KU19128056

Supervisor

Prof. S.S. Bargali

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Co-Supervisor

Dr. Hem Ch. Joshi

Department of Botany

D.S.B Campus

Kumaun University, Nainital-263001

Uttarakhand, (India)

2024



**Lichens of Nainital, Kumaun Himalaya: Diversity,
Taxonomy and Antioxidant activity of
*Everniastrum cirrhatum***

DISSERTATION
SUBMITTED FOR THE PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF
MASTER OF SCIENCE
IN BOTANY

by

RIDDHI GURURANI

M.Sc. IV SEMESTER

Under the supervision of

Dr. KAPIL KHULBE

Assistant Professor
Department Of Botany
D.S.B. Campus
Kumaun University
Nainital-263001

Dr. PRABHA PANT

Assistant Professor (Contract)
Department Of Botany
D.S.B. Campus
Kumaun University
Nainital- 263001

2024

Forwarded



13/06/24
Professor & Head
Department of Botany,
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)



**Effects of PEG and hydroponic treatments on the seed germination
and seedling growth in *Angelica glauca* Edgew.**

DISSERTATION

Submitted for the partial fulfilment of

Master of Science

In

BOTANY

By

Riya Tiwari

M.Sc. IV semester

Forwarded

[Signature]
13/06/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Dr. Anil Kumar Bisht

Professor

Department of Botany

D.S.B. Campus,

Kumaun University,

Nainital -263001,

Uttarakhand (India)

June, 2024



Assessment of Antioxidant Potential of *Acorus calamus* Lin. of Kumaun Himalaya

DISSERTATION

Submitted for the Partial Fulfilment for the Degree

of

Master of Science in Botany

By

Siddhi Gururani

M.Sc. IV Semester

Forwarded
13/06/24
Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Roll No.: 220120640026

Enrollment No: KU19125337

UNDER THE SUPERVISION OF

Dr. Kapil Khulbe

**DEPARTMENT OF BOTANY, D.S.B. CAMPUS
KUMAUN UNIVERSITY, NAINITAL-263001**

2024

**Competitive ability and stress tolerance potential in
Quercus floribunda L. and *Cupressus torulosa* D.
along the water stress gradient**

**Dissertation
Submitted for the partial fulfillment
of the degree of**

Master of Science

in

Botany

By

Shivani Rawat

Forwarded


13/06/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Enrollment No. KU-19128183

**Under the supervision
of**

Prof. Kiran Bargali

**Department of Botany
D. S. B. CAMPUS,
Kumaun University, Nainital (263002)
Uttarakhand, India
2024**



Allelopathic effects of invasive species *Malvastrum coromandelianum* (L.)
Garcke and *Xanthium strumarium* L. extracts on germination, seedling growth
and Biomass of Soyabean (*Glycine max* L.), Pea (*Pisum sativum* L.) and
Rice (*Oryza sativa* L.)

DISSERTATION

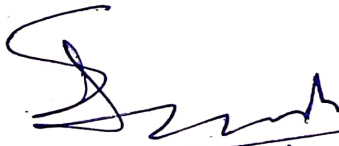
Submitted for the degree
of
M.Sc. in Botany

By

Shruti Sharma

M.Sc. IV Semester, Botany

Forwarded


13/06/24

Professor & Head
Department of Botany
D.S.B. Campus
Kumaun University, Nainital - 263001
Uttarakhand (India)

Under the supervision of

Prof. Lalit M. Tewari

and

Dr. Naveen Chandra Pandey

Department of Botany, D.S.B Campus,
Kumaun University, Nainital (Uttarakhand)
(2024)

