


Department of Botany
Govt PG College, Bazpur, U. S. Nagar

Dissertation Details of M. Sc. IV Sem (session 2023-24)

S. No.	Name of the Student	Roll No.	Topic	Name of Supervisor
1	Neha	220320640001	The study of Millet Crops in Ranichauri, Tehri Garwal	Dr. Neelam Manola
2	Komal Kamboj	220320640002	Review on ethnobotany, phytochemistry and pharmacology of <i>Fumaria indica</i>	Dr. Neelam Manola
3	Neetu	220320640003	Allelopathic study of major weeds in rice, crop	Mrs. Reeta Sachan
4	Parveen Jahan	220320640004	Study on some rust diseases of various crops found in Bazpur Tehsil	Mrs. Reeta Sachan
5	Payal Kashyap	220320640005	Ethno-botanical study of some sacred plants used by locals in religious ceremonies	Dr. Neelam Manola


Principal


In charge
प्रभारी
Department of Botany
वनस्पति विज्ञान विभाग
राजकीय स्नातकोत्तर महाविद्यालय
बाजपुर (उ०सि०नगर)

Course structure of M.Sc. Botany

Total Credits: 96

Total marks: 2400

S.N.	Course Code	Name of Course	Type of course	Credit distribution			Total Credits	Marks (scaled)
				L	T	P		
FIRST SEMESTER: 24 CREDITS								
1	BOT/II/CC/01	Microbiology	CC				4	100
2	BOT/II/CC/02	Phycology	CC				4	100
3	BOT/II/CC/03	Mycology	CC				4	100
4	BOT/II/CC/04	Bryophyta and Pteridophyta	CC				4	100
5	BOT/II/CC/05	Lab based on CC/01 to CC/04	CC				8	200
SECOND SEMESTER: 24 CREDITS								
1	BOT/II/CC/06	Gymnosperms and Paleobotany	CC				4	100
2	BOT/II/CC/07	Diversity and Taxonomy of Angiosperms	CC				4	100
3	BOT/II/CC/08	Plant Development and Reproductive Biology	CC				4	100
4	BOT/II/CC/09	Cytogenetics and Plant Breeding	CC				4	100
5	BOT/II/CC/10	Lab based on CC/05 to CC/08	CC				4	100
6	BOT/II/SSC/01	Plant Cell Structure and Functions	SSC				2	50
7	BOT/II/SSC/02	Applied Microbiology	SSC				2	50
THIRD SEMESTER: 24 CREDITS								
1	BOT/III/CC/11	Plant Ecology	CC				4	100
2	BOT/III/CC/12	Plant Resource Utilization and Conservation	CC				4	100

3	BOT/III/CC/13	Biotechnology	CC				4	100
4	BOT/III/CC/14	Plant Physiology and Biochemistry	CC				4	100
5	BOT/III/CC/15	Lab based on CC/09 to CC/12	CC				8	200
*FOURTH SEMESTER: 24 CREDITS								
2	*BOT/IV/EC/16 (i)	Forest Ecology	EC				4	100
3	*BOT/IV/EC/16(ii)	Plant Pathology	EC				4	100
4	*BOT/IV/EC/16(iii)	Taxonomy of Angiosperms	EC				4	100
5	*BOT/IV/EC/16(iv)	Bryology	EC				4	100
6	*BOT/IV/EC/16(v)	Ethnobotany, Traditional knowledge and Intellectual Property Rights	EC				4	100
7	*BOT/IV/EC/16 (vi)	Lichenology	EC				4	100
8	*BOT/IV/EC/16 (vii)	Environmental Biology	EC				4	100
9	**BOT/IV/EC/17A	Practical on Final Semester EC- 1	CC				4	100
10	**BOT/IV/EC/17B	Practical on Final Semester EC- 2	CC				4	100
11	BOT/IV/CC/18	Dissertation	CC				4	100
12	***BOT/IV/SSC/03	Global Climate Change	SSC				4	100
13	***BOT/IV/SSC/04	Medicinal Plants of Central Himalaya	SSC				4	100

*Two elective courses are to be studied in addition to dissertation in fourth semester.
 ** Lab course (17A & 17B) based on the elective course opted by the student.
 ***One SSC is to be opted by the student.

Nishikant 19.06.2023
 Anand 19.06.2023
 Prakash 19.06.2023
 Anil 19.06.2023
 R. B. Singh 19.06.2023
 J. Singh 19.06.2023
 S. Singh 19.06.2023
 Faculty of Science
 Kumaun University
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Professor & Head
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The Study Of ~~The~~ Millets Crop In Ranichauri, Tehri Garwal



Session : 2023-24

Submitted To

**Government Postgraduate College Bazpur
Udham Singh Nagar Kumaun University
Uttarakhand**

Under The Supervision of

DR. Neelam Manola Department of Botany

For Partial Fulfillment Of Degree Of Master's Of Science In Botany

project on
Review on ethnobotany, phytochemistry and pharmacology
Of *Fumaria indica*

Submitted in partial fulfilment for the requirement of the degree of
Master of Science (Botany)

Kumaun University, Nainital (Uttarakhand)
Session - 2023-24



Submitted by
Komal Kamboj
Govt. P. G. College Bazpur
U. S. Nagar , Uttarakhand

Project on
Allelopathic study of major weeds in rice crop

Submitted for partial fulfillment of
Master of science (Botany)

Kumaun University , Nainital (u.k.)



Session - 2023-24

Submitted by

Neetu

Government P.G college , Bazpur,

U.S.Nagar , uttarakhand -262401

Project on
Study on some rust diseases of various crops found in
Bazpur Tehsil

Submitted For Partial Fulfillment of
MASTER'S OF SCIENCE (BOTANY)

KUMAUN UNIVERSITY NAINITAL, UTTARAKHAND

Session-2023-24



Submitted by

Km. Parveen jahan

Govt. P.G. College, Bazpur

U.S. Nagar , Uttarakhand-262401

Project on
Ethno- botanical study of some sacred plants used by
locals in religious rituals ceremonies
Submitted For Partial Fulfillment of
MASTER'S OF SCIENCE (BOTANY)

KUMAUN UNIVERSITY NAINITAL, UTTARAKHAND

Session-2023-24



Submitted by

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