

# माँ जालपा देवी राजकीय स्नातकोत्तर महाविद्यालय

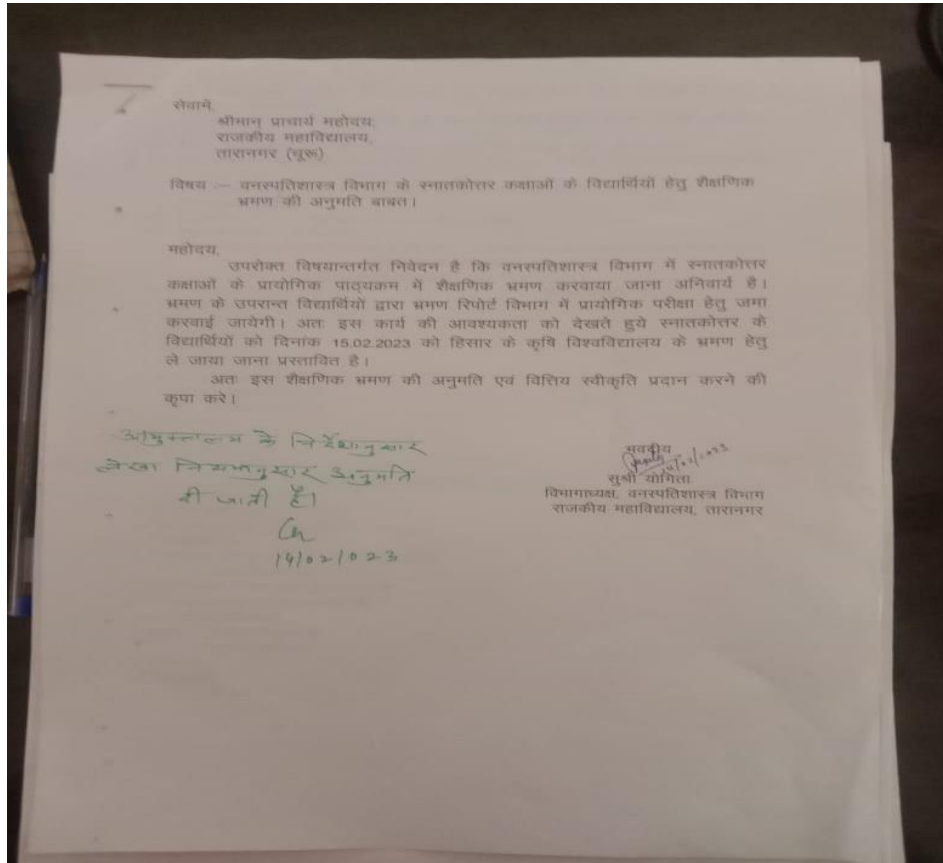
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## Department of Botany

### TOUR REPORT

- ❖ Name of Activity – **Botanical Excursion Tour to Hisar agricultural university and other research centers situated in Hisar city**
- ❖ Number of participated students - **37**
- ❖ Number of teachers - **04**
- ❖ Organized date- **15/02/2023**
  
- ❖ **Objective of Tour :-**
  - Identification of various plants.
  - Study of different ecosystem.
  - Explore new flora & fauna.
  - Know about Haryanvi culture .
  
- ❖ **Permission-**



## ❖ Essential Information:

### PRACTICAL MARKING SCHEME: SEMESTER I I Practical (Paper- Bot 101 and Bot 104)

Time 4 hours Max. Marks 50  
(10 internal assessments & 40 practical exams.)  
Minimum Passing Marks=18 (04 Internal assessments & 14 Written exam.)

1. Phycology	6
2. Mycology	6
3. Plant Biochemistry	6
4. Spot (6): Three-Paper-Bot 101; Three-Paper-Bot 104.	12
5. Viva-voce	5
6. Records	5
7. Internal assessments (Excursion Report/ Seminar/ Regularity/Discipline/Term Test)	10
<b>Total</b>	<b>50</b>

(Practical exercises will be based on the theory papers)

### II Practical (Paper- Bot 102 and Bot 103)

Time 4 hours Max. Marks 50  
(10 internal assessments & 40 practical exams.)  
Minimum Passing Marks=18 (04 Internal assessments & 14 Written exam.)

1. Bryophytes	5
2. Pteridophytes	5
3. Ecology (Field study-Quantitative and Analytical characters)	6
4. Ecological Anatomy-Adaptation	5
5. Spot (6) Three-Paper-Bot 102; Three-Paper-Bot 103.	9
6. Viva-voce	5
7. Records	5
8. Internal assessments (Excursion Report/ Seminar/Regularity/ Discipline/Term Test)	10
<b>Total</b>	<b>50</b>

(Practical exercises will be based on the theory papers)

MAA Jalpa Devi Govt. College Taranagar (Churu)

### Department of Botany

Session 2022-23

M.Sc. Botany- Final (SFS)

Field Tour

Date-15-02-2023

Sr. NO.	FirstName	fathername	Sign.
1	AAKANKSHA GODARA	KANARAM	<i>[Signature]</i>
2	AJAY KUMAR	AMARCHAND	<i>[Signature]</i>
3	ALKA	HAWASINGH SAHARAN	<i>[Signature]</i>
4	AMIT KUMAR	GAJA NAND JANGIR	
5	JAIPAL	OM PRAKASH PRAJAPAT	<i>[Signature]</i>
6	KAVITA MAHA	KISHAN LAL	<i>[Signature]</i>
7	KSHITU KUMAR SHARMA	VINOD KUMAR SHARMA	
8	MONU SAHRAN	RAMSINGH	<i>[Signature]</i>
9	NIKHIL SHARMA	MOHAN LAL SHARMA	
10	POONAM	MALA RAM	<i>[Signature]</i>
11	RAJESH	RAM KUMAR	<i>[Signature]</i>
12	RAMAWATAR CHAPOLA	RANPAL CHAPOLA	<i>[Signature]</i>
13	RQSHANI	TULCHHA RAM	<i>[Signature]</i>
14	SARITA	RAM SWAROOP	
15	SARITA KASWAN	SURENDRA KUMAR KASWAN	<i>[Signature]</i>
16	SHWETA RAO	RAM LAL	
17	SORABH BUNDELA	RAM KISHAN	
18	SUMAN	Mahendra	<i>[Signature]</i>
19	VIKASH	SANJIV KUMAR	<i>[Signature]</i>
20	YOGENDRA KUMAR	MANGAL CHAND	<i>[Signature]</i>

MAA Jalpa Devi Govt. College Taranagar (Churu)

Department of Botany

Session 2022-23

M.Sc. Botany- Pre. (SFS)

Field Tour

Date-15-02-2023

Sr.No	Name of Applicant	Father's Name	Sign.
1	Anil Kumar	Rajendra Prasad	
2	Anushansa Badsar	Sandeep Kumar Badsar	
3	Devendra Singh	Satyaveer Singh Kaswan	
4	Devi Singh	Virendar Singh	
5	Kamlesh Kumar	Mohar Singh prajapat	
6	krishn singh	amar singh	
7	Minakshi	Juga lal	
✓ 8	Mohd Sohail	Jafaru deen	
9	MS POOJA	Lal Chand Jangir	
10	Mukesh Kumar	Lal Chand	
✓ 11	Pooja Yadav	Bhadar Ram	
12	Sandeep Kumar	Sita Ram	
13	Sona	Papu Khan	
14	Sonu	Richhpal	

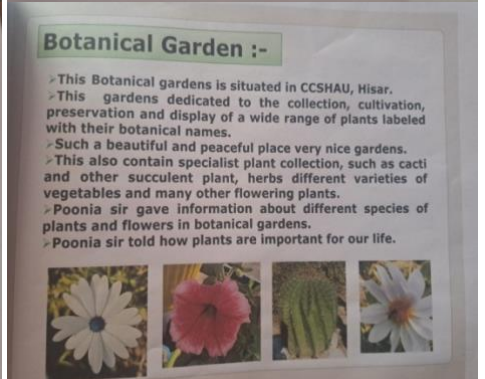
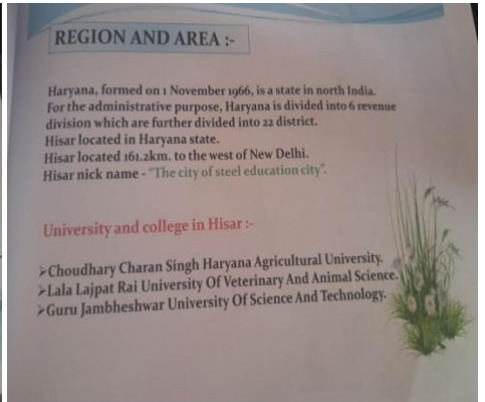
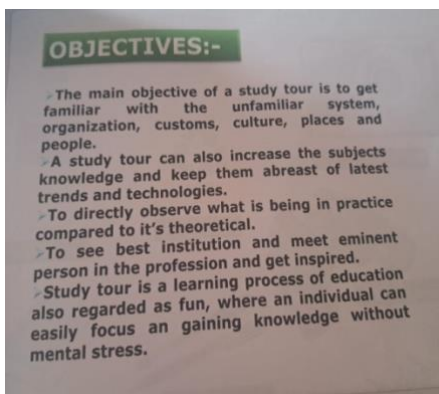
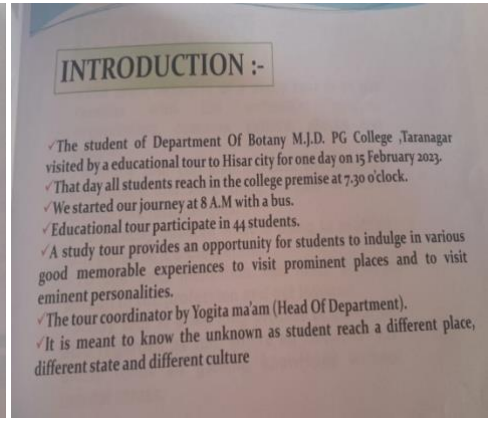
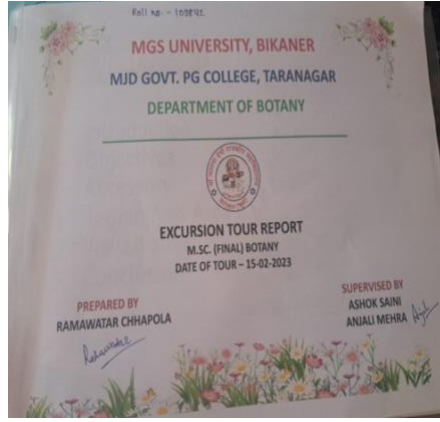
M.Sc. Botany- Pre. (Govt.)

1	Arvind	LILA RAM	
2	Jyoti	Rajesh KUMAR	
3	Khushbu	Kaluram Sharma	
4	Kishor Kumar	Ganesha Ram	
✓ 5	Mamta Saini	gyanaram saini	
✓ 6	Manish Sharma	Mahesh Sharma	
7	Minakshi Bundela	Jitendra bundela	
8	Pooja	Bajrang Lal	
✓ 9	Pooja Kumari	Ranadhir Singh	
10	Pooja Sharma	Ramdhan	
✓ 11	PRATIBHA	BEGRAJ GODARA	
12	Priyanka	Ishwar Singh	
13	Priyanka	Nanu Ram	
14	Priyanka Saini	Mukesh Saini	
15	Rajkumari	Ram niwas Joiya	
✓ 16	Sharmila	Shishram	
17	Sonam	Pannalal Solanki	
18	Sonika	PRITHVI SINGH	
19	Sonu	Sanwarmal	
20	YOGITA MEGHWAL	KASHI RAM	

❖ Photos:



# ❖ Report Prepared by Students:



Some plant species are the following as under-

BOTANICAL NAME	COMMON NAME	FAMILY
<i>Streblus asper</i>	Bush, Khol, Serut	Moraceae
<i>Cladonia rangiferina</i>	Reminder cup lichen	Cladoniaceae
<i>Dresena reflexa</i>	Song of India	Asparagaceae
<i>Oxalis corniculata</i>	Creeping woodsorrel	Oxalidaceae
<i>Stellaria media</i>	Chick weed	Caryophyllaceae
<i>Plantag major</i>	White man's footprint	Plantaginaceae
<i>Justicia gendarussa</i>	Willow lived justicia	Acanthaceae
<i>Xanthosoma sagittifolium</i>	Tannia	Araceae
<i>Euphorbia milli</i>	Crown of thorn	Euphorbiaceae
<i>Lepidium didymum</i>	Lesser swine cress	Brassicaceae
<i>Agave americana</i>	Century plant, meguay	Asparagaceae
<i>Kalanhoe blossfeldiana</i>	Flaming katy	Crassulaceae
<i>Phormium tenax</i>	Flax	Asphodelaceae

BOTANICAL NAME	COMMON NAME	FAMILY
<i>Euphorbia velutina</i>	Buckbrush	Rhamnaceae
<i>Carex tumulicola</i>	True sedgs	Cyperaceae
<i>Monstera deliciosa</i>	Swiss cheese plant	Araceae
<i>Tridacantha spathaceo</i>	Oyster plant	Commelinaceae
<i>Curculigo orchioeles</i>	Golden eye grass	Portulacaceae
<i>Portulaca oleracea</i>	Little hogweed	Araceae
<i>Synonim podophyllum</i>	Arrowhead plant	Astraceae
<i>Setiva rebaudiana</i>	Sugarleaf	Astraceae
<i>Ficus microcarpa</i>	Gujumarau	Moraceae
<i>Carex siderosticta</i>	Creeping broad leaved sedge	Cyperaceae
<i>Acalpha australis</i>	Asian copperleaf	Euphorbiaceae
<i>Aspidistra elatior</i>	Cast iron plant	Asparagaceae
<i>Euphorbia grantii</i>	American milk bush	Euphorbiaceae
<i>Cuban organo</i>	Soup mint	Lamiaceae
<i>Euphorbia pulcherrima</i>	Mugwort	Astraceae
<i>Aretmisia princeps</i>	White mugwort	Astraceae
<i>Aretmisia dactiflora</i>	Jasmin	Oleaceae
<i>lasinum officinale</i>		

BOTANICAL NAME	COMMON NAME	FAMILY
<i>Bauhinia variegata</i>	Orchid plant	Fabaceae
<i>Camellia japonica</i>	Camellia	Theaceae
<i>Daphne odora</i>	Evergreen shrub	Thymelaeaceae
<i>Ficus auriculata</i>	Roburgh fig	Moraceae
<i>Meloderum fruticosum</i>	Cheese wood	Annonaceae
<i>Euphorbia pulcherrima</i>	Poinsettia	Euphorbiaceae
<i>Carex flacca</i>	Blue sedge	Cyperaceae
<i>Grevillea robusta</i>	Silky oak	Proteaceae
<i>Chrysanthemum morifolium</i>	Florist daisy	Astraceae
<i>Taxodium platycarpum</i>	Korean	Astraceae
<i>Platycladus orientalis</i>	Evergreen	
<i>Geranium dissectum</i>	Geraniums	Geraniaceae
<i>Vigna unguiculata</i>	Cowpea	Fabaceae
<i>Syacrus romanzoffiana</i>	Queen palm	Arecaceae
<i>Parodia magnifica</i>	Boli cactus	Cactaceae
<i>Opuntia ficus</i>	Prickly pears	Cactaceae
<i>Kalanchoe robusta</i>	Socotra	Crassulaceae



### National Research Center On Equines (Hisar) :-

- NRCE located in Hisar city.
- NRCE under the aegis of Indian council of agricultural research for research on equines health and production considering the importance of equines in India.
- NRCE OBJECTIVES -
- The NRCE was established 7 January 1986.
- To under take research on health production management in equines.
- To develop diagnostic/ biological for major equines.

### Central Institute for Research On Buffaloes, Hisar :-

- It is located 170km from Delhi, at Hisar in the north Indian state of Haryana.
- CIRB is the world largest buffalo research institute with the widest range of breeds under study.
- With the aim of improving breeds and dissemination of information.
- In July 2017, the Indian council of agricultural research ranked CIRB Hisar as India's number one buffalo research institute for the year 2016-17
- India has 98% of the world buffaloes and 35% of India's cattle are buffaloes.
- Buffalo milk is 70% of the total milk yield in India.



### EXPERIENCE -

Such visits are identity of our Educational tours and these visit should be organized every year. These visits are increasing student's zeal and excitement. Every teacher should be concentrate on the visits. Students should be participated in these visits. These visit strengthen student's mental process. The way agriculture universities are established in Hisar (Haryana) in the same way these University should be established at Taranagar (Churu) in Rajasthan.

### Conclusion :-

- The outcome of an experience depends on person's interests, motivation, needs and prior experiences and knowledge.
- A successful and quality educational tour requires teacher preparation and interaction.
- Some factors should be addressed before the tour.
- The experience needs to be planned.

**Thank You!**

### ❖ Achievements:

- It motivates research projects for future in botanical field.
- Students learned required information of flora.
- Students gain some knowledge about taxonomical study of plant.
- Enhance botanical knowledge.