



**Post Graduate Government College for Girls,
Sector 42, Chandigarh**

Affiliated to Panjab University, Chandigarh



NAAC Accredited 'A' Grade (CGPA – 3.21)

AISHE Code : C-29391

Internal Quality Assurance Cell (IQAC)



Prof. Lakhvir Singh
IQAC Coordinator

Prof. Nisha Aggarwal
Principal



0172-2676005

Office



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0172-2676005



www.gcg42.ac.in



gcg42chd@yahoo.com

1.3.3 Percentage of Students undertaking Project work/Field work/Internship
(Data for latest completed academic year)

Responses-305

Percentage of Students undertaking Project work/Field work/Internship for year 2020-21 (1.3.3.1)					
S.No	Name of the Course	Name of Programme	Total No. of Students	Numbers of Students undertaking Project work/Field work/Internship	Percentage of Students undertaking Project work/Field work/Internship
1.	B.Sc. Biotechnology Honours III (5 th Semester)	Summer Training	19	19	100
2.	Bachelor of Arts - Geography (6 th Semester)	Field Survey	94	94	100
3.	Bachelor of Arts - Functional English	-	0	0	100
4.	M.Sc. Botany (4 th Semester)	Research Project/Field Study Report	26	26	Nil
5.	P.G Diploma in Guidance and Counselling	Internship /Work base learning	18	18	100
6.	Master in Commerce II (2 nd Semester)	Summer training Report and Viva Voce	34	34	100
7.	Master of Arts - Sociology III(3 rd Semester)	Methods and Techniques in Social Research	15	15	100
8.	Master in Science - Information Technology-II 4 th Semester	Major Project	17	17	100
9.	Master in Science - Microbial Biotechnology III(4 th Semester)	Dissertation and Viva	9	9	100
10.	P.G Diploma in computer Applications (2 nd Semester)	Project Work	17	17	100
11.	Bachelor of Computer Application III (6 th Semester)	Major Project and seminar	56	56	100

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Principal

P.G. Govt. College for Girls,
Sector 42, Chandigarh

M/K

1.3.3 Percentage of students undertaking project work/field work / internship

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7.	Aarushi Jain	11
8.	Yasmeen	12
9.	Neeru Parmar	12
10.	Parul	12
11.	Kanchan	12
12.	Anchal	13
13.	Palak Sharma	13
14.	Rupali	13
15.	Shruti	13
16.	Suparna Chakraborty	14
17.	Urvashi	14
18.	Kumari Divya	14
19.	Ritika Kaundal	14
20.	Priyanka	15
21.	Harjeaspreet Kaur	15
22.	Ritu	15
23.	Simran Khan	15
24.	RenuYadav	15
25.	Khushpreet Kaur	15
26.	Anagha G	15
27.	Diksha	15
28.	Anubha Choudhary	15
29.	Kashish Kaur Bhalla	15
30.	Kiranjeet Kaur	15
31.	Kajal Mishra	15
32.	Kirandeep Kaur	15
33.	Janvi	16
34.	Jashandeep Kaur	16
35.	Babita Chaudhary	16
36.	Naval Preet Kaur	16
37.	Amandeep Kaur	16
38.	Kongkham Reshmi Devi	16
39.	Deepika Kumari	16
40.	Kunjan	16
41.	Preeti Sharma	16
42.	Ms.Omi Beniwal	16
43.	Nandita Devi Leimapokpam	16
44.	Sushmita	16

45.	Shivani	16
46.	Bhawana Sharma	16
47.	Priya Patel	16
48.	Pooja	16
49.	Ishita Sharma	16
50.	Priyanka	16
51.	Nidhi	16
52.	Jasmine Kaur	16
53.	Tavneet Kaur	16
54.	Nikita Gupta	16
55.	Manju	16
56.	Maliha	16
57.	Teena	16
58.	Anjali Thakur	16
59.	Nikita Turka	16
60.	Shivanjali	16
61.	Kanchan Kumari	16
62.	Sama Parveen	16
63.	Aditi	16
64.	Babita	16
65.	Ginni	16
66.	Megha	16
67.	Bhawana	16
68.	Tamana	16
69.	Jyoti	16
70.	Aarti	16
71.	Riya	16
72.	Mansi	16
73.	Mehak	16
74.	Priyanka	17
75.	Aarti Rai	17
76.	Aarti Singh	17
77.	Sonia	17
78.	Anshu	17
79.	Shital	17
80.	Prateeksha	17
81.	Shaileshwari Chand	17
82.	Lovepreet Kaur	17
83.	Diksha	17
84.	Sakshi	17
85.	Manpreet Kaur	17
86.	Affreen	17
87.	Sangeeta Verma	17
88.	Jasika	17
89.	Dimple	17
90.	Jaspreet Kaur	17
91.	Kajal Banjara	17
92.	Swati	17

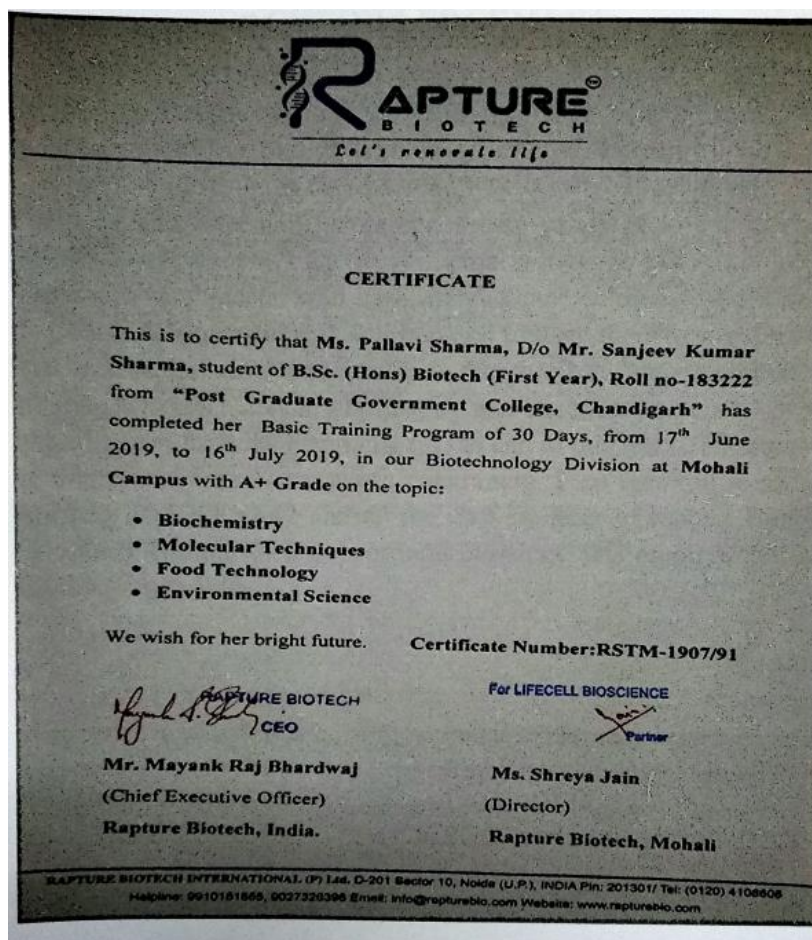
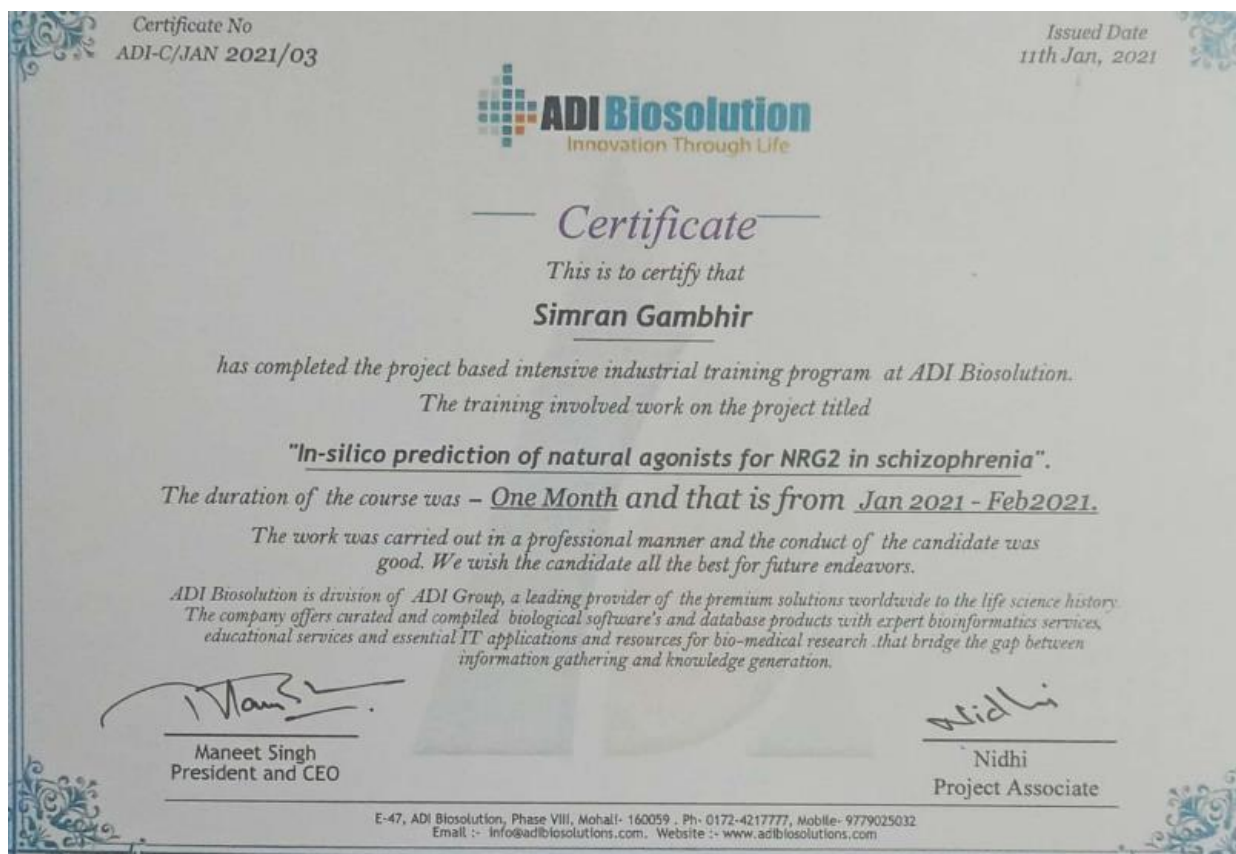
93.	Manpreet Kaur	17
94.	Monika	17
95.	Tamanna	17
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99.	Madhu Kumari	17
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105.	Shivani	17
106.	Stanzin Chomo	17
107.	Shelja Kumari	17
108.	Sneha Bharti	17
109.	Mansi Rana	17
110.	Jasmeet Kaur	17
111.	Varsha Khatri	17
112.	Sunaina	17
113.	Ashwarya	17
114.	Sakshi	18
115.	Anuroop	18
116.	Surbhi Chandaz	18
117.	Nikita Sharma	18
118.	Radhika Gandhi	19
119.	Sushmita Kamboj	19
120.	Namrta Negi	19
121.	Vinamrta Sharma	19
122.	Aayushi	20
123.	Shubhneet Kaur	20
124.	Manpreet Kaur	20
125.	Bhawna Sharma	20
126.	Manuja Bhardwaj	21
127.	Sonal	21
128.	Sweety	21
129.	Renuka	21
130.	Meena	22
131.	Anmol	22
132.	Tsewang Dolma	22
133.	Manpreet	22
134.	Navdeep Kaur	23
135.	Bela Nagar	23
136.	Kiranjot Kaur	23
137.	Mansi	23
138.	Stanzin Angmo	24
139.	Sukhwinder Devi	24
140.	Husanpreet Kaur	24
141.	Nandita	25

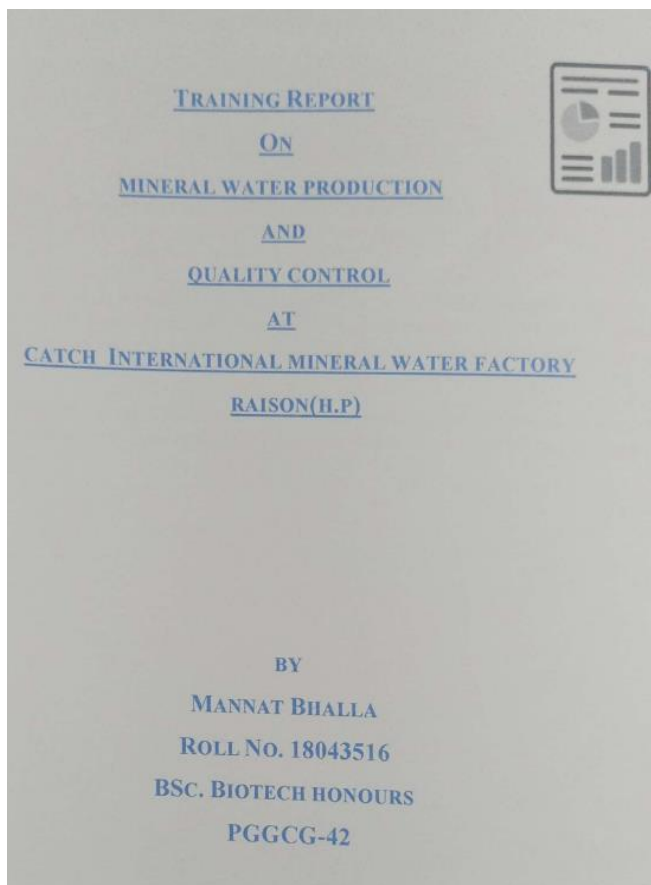
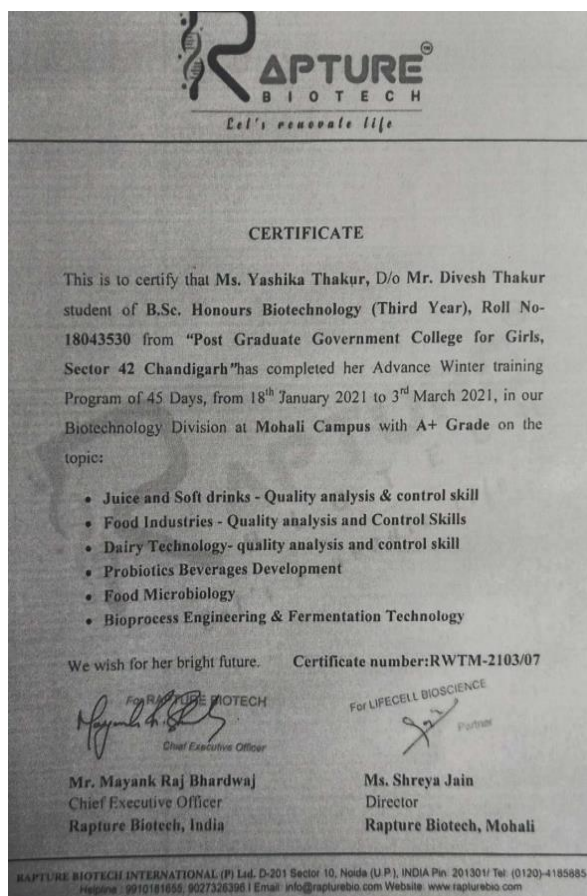
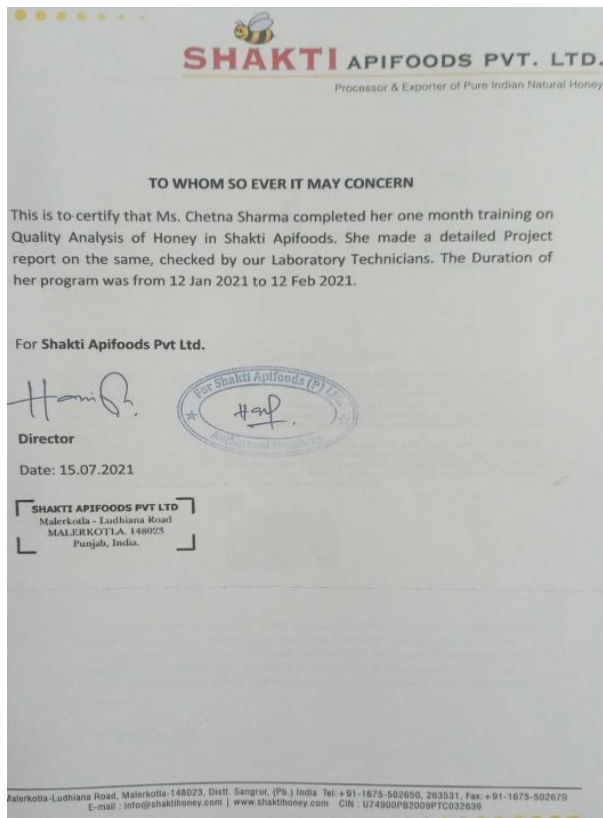
142.	Mamta Mehra	25
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234.	ANJALI YADAV	39
235.	AMANDEEP KAUR	39
236.	SUSHAMA YADAV	39
237.	HEENA	39
238.	VARTIKA	39

239.	KOMAL SODHI	39
240.	HARPREET KAUR	39
241.	BIRENDERJIT KAUR	39
242.	RAJVINDR KAUR	39
243.	KOMALPREET KAUR	39
244.	KAMAL PREET KAUR	39
245.	POOJA KAUSHAL	39
246.	SUMAN	39
247.	RAJEENA	39
248.	BRAHAMJEET KAUR	39
249.	HARPREET KAUR	39
250.	TANVI KASHYAP	40
251.	VAISHALI JOSHI	40
252.	BHUMKI	40
253.	ANU RANI	40
254.	MANISHA SHARMA	40
255.	ISHA	40
256.	AMRIT AKUR	40
257.	MEENAKSHI	40
258.	MEHAK DIMAN	40
259.	ANSHIKA	40
260.	RAJANPREET KAUR	40
261.	PRIYANKA	40
262.	KAMAKSHA GOYAL	40
263.	AMANDEEP KAUR	40
264.	MANDEEP KAUR	40
265.	SANCHITA MADAN	40
266.	PRABHJOT KAUR	40
267.	UMA YADAV	40
268.	HARKARAL JEET	40
269.	SHIWANI	40
270.	SOLANI GERA	40
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272.	SHIWANGI	40
273.	SIMRAN	40
274.	KOMAL	40
275.	KIRTI RAWAT	40
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277.	SIMRAN SHARMA	40
278.	SONAL AGNIHOTRI	40
279.	NAVNEET AKUR	40
280.	KASHISH JAIN	40
281.	GEETANJALI KASHYAP	40
282.	PARNEET AKUR	40
283.	HEENA KHAN	40
284.	VAIDIKA DHIMAN	40
285.	RITIKA RAI	40
286.	ANEY KAUSHIK	40

287.	SIMRANPREET KAUR	40
288.	VISHU	40
289.	SHEETAL	40
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298.	SIMRANPREET KAUR	41
299.	HARSHITA ARORA	41
300.	ASHPREET KAUR	41
301.	KAJAL YADAV	41
302.	JEETIKA RAN	41
303.	LOVELI	41
304.	HARSIMRAN KAUR	41
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TRAINING CERTIFICATE

REVIVE PHARMA

Plot no.146,Sector-3 HSIIDC Karnal

Ref. No. R-002

Date 23.01.2021

TO WHOM IT MAY CONCERN

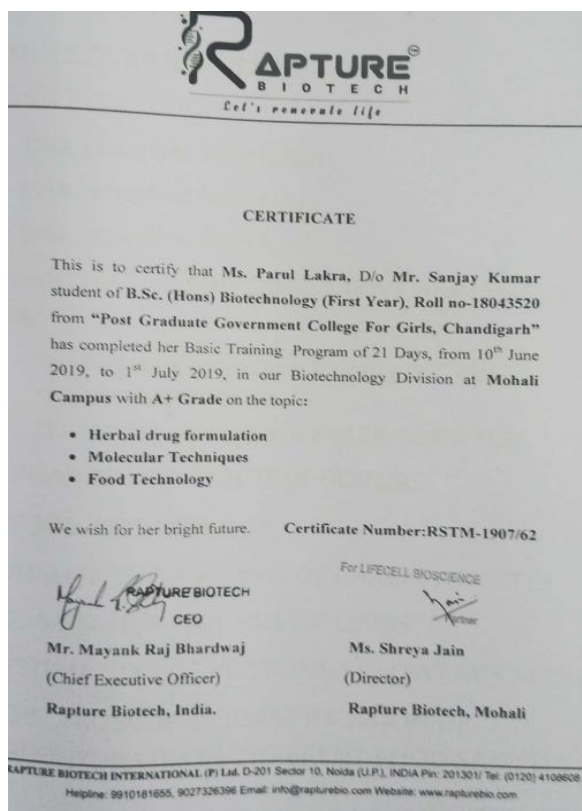
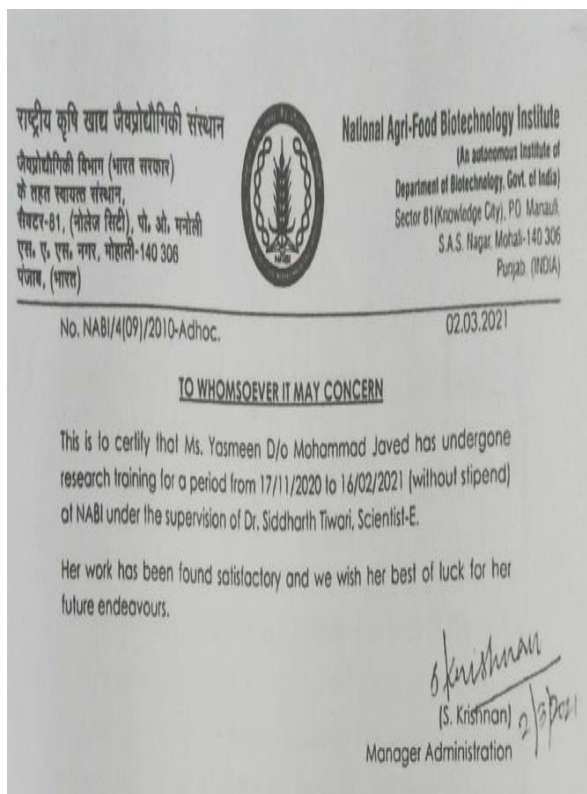
It is certified that Aarushi D/o Mr. Rakesh Jain, student of Bsc. biotechnology Hons. , 5th semester of Post graduate govt. college for girls, sector-42 Chandigarh has undergone Industrial Training in Revive Pharma Plot no. 146/3, Hsiidc Karnal, Haryana From 01.12.2020 to 31.12.2020 as per firms working hours.

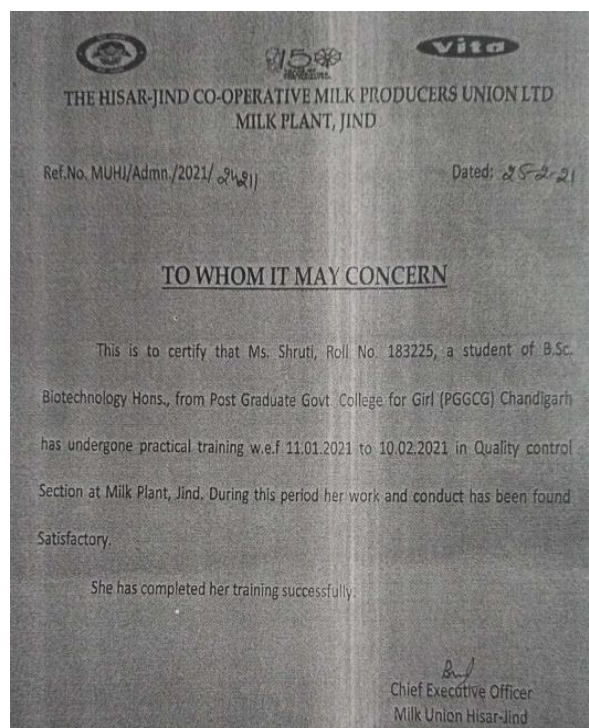
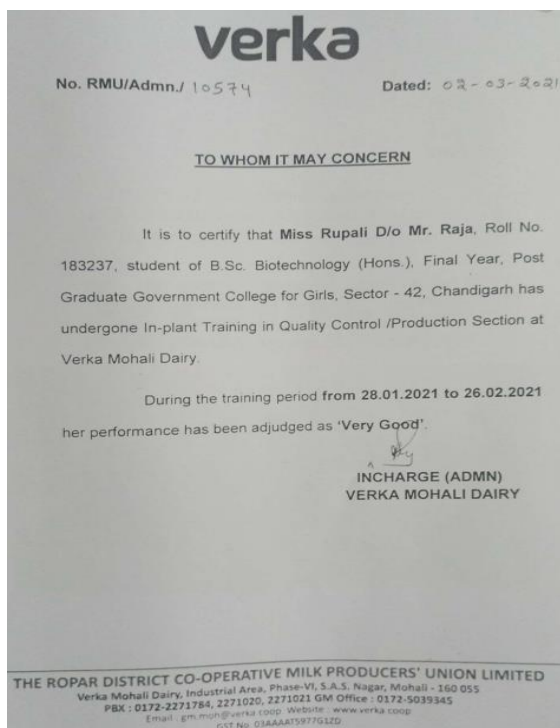
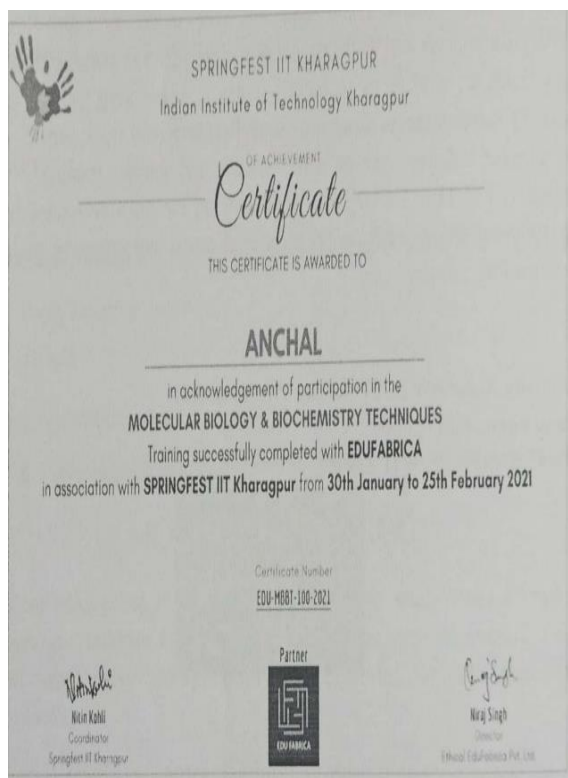
She has attended the all working days & has gained sufficient knowledge regarding testing of Raw/ Finsihed products, formulations of tablets, capsules & Liquids. She also shows interest in preparation of documentation.

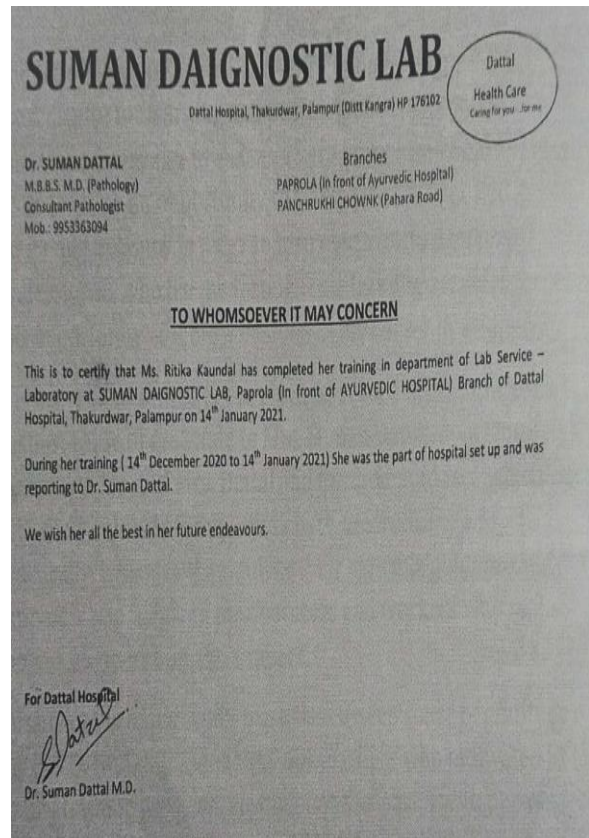
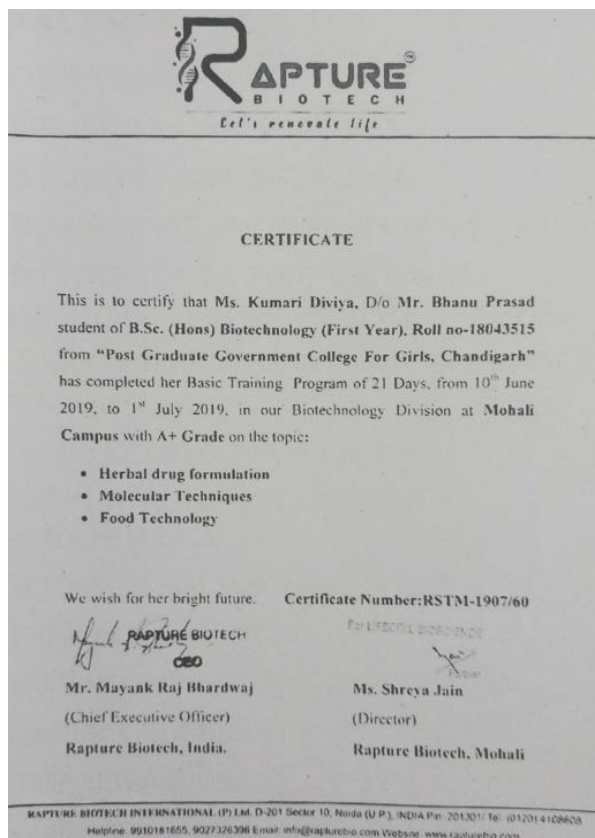
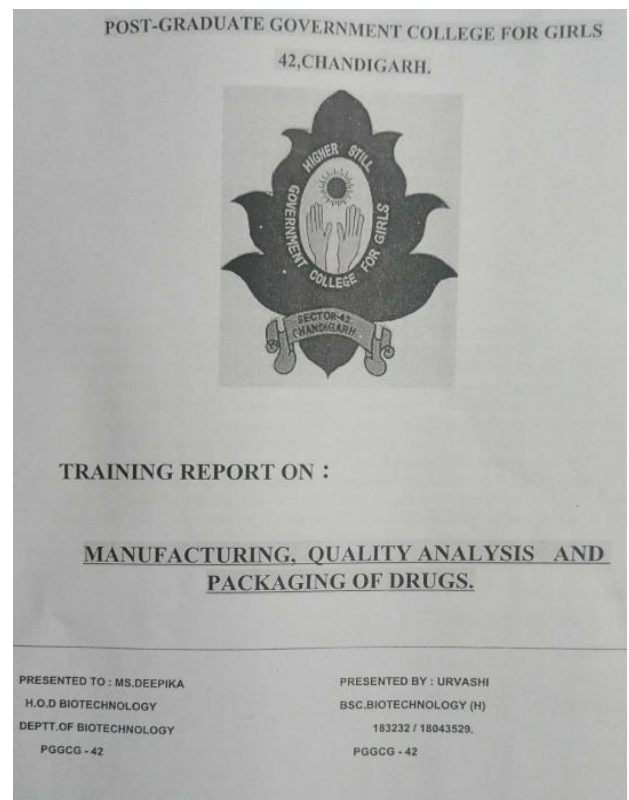
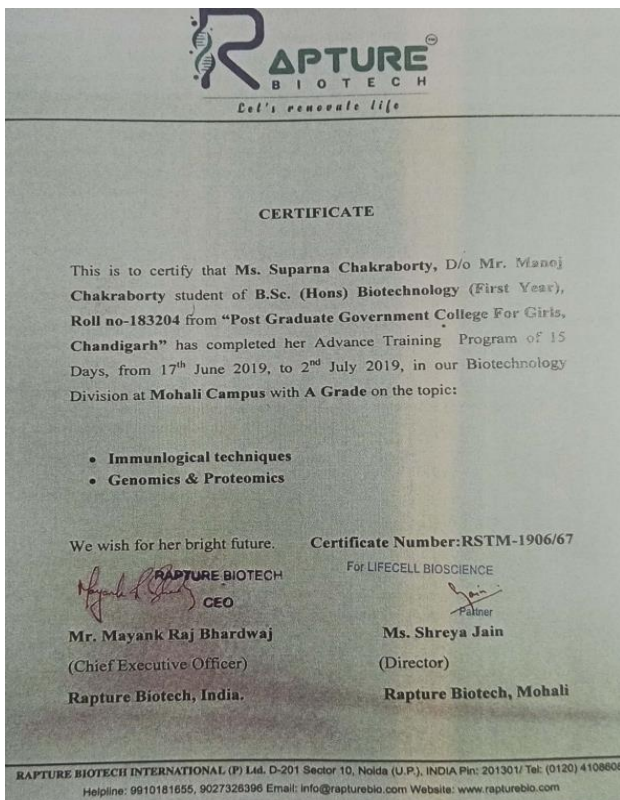
I wish her success in future.

Thanks

FOR REVIVE PHARMA
Revive Pharma
Proprietor







Information of Field survey

Field Survey is a compulsory component of BA-III Geography Syllabi in 6th Semester. The main objective of the field survey is to acquaint the students with the importance of field work as one of the methodologies in geography and to familiarize the students about pre-field work and post-field works i.e. data processing and analysis and writing of field work report.

Field Survey includes

- local market survey
- Catchment area of school/ college
- House hold survey of local area

Roll No	Name	Phone No.
180003/18	PRIYANKA	6283391782
180004/18	HARJASPREET KAUR	6283682092
180006/18	RITU	9518679781
180007/18	SIMRAN KHAN	9988026836
180008/18	RENU YADAV	6283317641
180009/18	KHUSHPREET KAUR	7888583057
180010/18	ANAGHA G	9643470614
180012/18	DIKSHA	7347059745
180014/18	ANUBHA CHOUDHARY	9149884664
180017/18	KASHISH KAUR BHALLA	6284197377
180019/18	KIRANJEET KAUR	8872304325
180026/18	KAJAL MISHRA	9877094314
180028/18	KIRANDEEP KAUR	9781691663

180029/18	JANVI	9780419799
180049/18	JASHANDEEP KAUR	9877968279
180062/18	BABITA CHAUDHARY	7347580014
180074/18	NAVAL PREET KAUR	7527842152
180079/18	AMANDEEP KAUR	9417215927
180086/18	KONGKHAM RESHMI DEVI	9366014342
180088/18	DEEPIKA KUMARI	9915304331
180095/18	KUNJAN	9814513122
180101/18	PREETI SHARMA	9878842561
180107/18	MS.OMI BENIWAL	8699372472
180108/18	NANDITA DEVI LEIMAPOKPAM	7005599537
180109/18	SUSHMITA	8091767314
180111/18	SHIVANI	8580876167
180112/18	BHAWANA SHARMA	9877643361
180114/18	PRIYA PATEL	9653574131
180116/18	POOJA	9855537606
180126/18	ISHITA SHARMA	9256333519
180131/18	PRIYANKA	7986586226
180143/18	NIDHI	6283486432
180178/18	JASMINE KAUR	8847273234
180195/18	TAVNEET KAUR	9780940044
180196/18	NIKITA GUPTA	8699729867
180202/18	MANJU	7814772251
180205/18	MALIHA	8360423701
180209/18	TEENA	9646316103
180211/18	ANJALI THAKUR	8283812930
180214/18	NIKITA TURKA	7082593817
180222/18	SHIVANJALI	8219981016
180236/18	KANCHAN KUMARI	9888908445
180241/18	SAMA PARVEEN	6239602844
180246/18	ADITI	7347395045
180247/18	BABITA	9876248573
180250/18	GINNI	7087072927
180254/18	MEGHA	8901600777
180262/18	BHAWANA	9023270532
180269/18	TAMANA	9780178861
180281/18	JYOTI	8146150869
180285/18	AARTI	8557824247
180288/18	RIYA	9988176712
180308/18	MANSI	7087502060
180333/18	MEHAK	8968149280

180348/18	PRIYANKA	8168555519
180368/18	AARTI RAI	7814080734
180379/18	AARTI SINGH	7901910707
180382/18	SONIA	9468040762
180384/18	ANSHU	8427533482
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180412/18	PRATEEKSHA	9817860356
180413/18	SHAILESHWARI CHAND	8628072063
180422/18	LOVEPREET KAUR	9779762000
180428/18	DIKSHA	7018642011
180451/18	SAKSHI	7807556748
180503/18	MANPREET KAUR	9915236553
180510/18	AFFREEN	9646838872
180522/18	SANGEETA VERMA	6283681974
180535/18	JASIKA	7696616198
180544/18	DIMPLE	6283187830
180547/18	JASPREET KAUR	8437987543
180548/18	KAJAL BANJARA	9915775724
180563/18	SWATI	9646210172
180569/18	MANPREET KAUR	7973478719
180596/18	MONIKA	9878282816
180602/18	TAMANNA	9876070683
180622/18	SARIKA	9915742180
180628/18	SWATI	9877517327
180664/18	GULISTA	9872501869
180666/18	MADHU KUMARI	9814631755
180682/18	Bharti Yadav	9520566188
180683/18	BHAVNA YADAV	6283502309
180704/18	KAJAL THAKUR	8295414979
180710/18	NEELAM RAWAT	7973284588
180719/18	BHAWANA	8288850999
180723/18	SHIVANI	9896207329
180730/18	STANZIN CHOMO	6006300460
180735/18	SHELJA KUMARI	7717342084
180745/18	SNEHA BHARTI	8872235899
180755/18	MANSI RANA	8699329717
180762/18	JASMEET KAUR	9876131358
197002/19	VARSHA KHATRI	8847696913
197003/19	SUNAINA	9646842877
180966/18	ASHWARYA	9814117247

Mamta
Assistant Professor
P.G. Govt. College for Girls,
Sector-42, Chandigarh

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR 42, CHANDIGARH (U.T.)**

**TO STUDY THE EFFECT OF DIFFERENT CONCENTRATIONS OF CdCl₂
ON THE *Solanum lycopersicon***



CERTIFICATE

This is certify that research work embodied in this dissertation entitled “To Study the Effect of Different Concentrations of CdCl₂ on the *Solanum lycopersicon*” was carried out and completed by **Sakshi (Roll No-195026)** for the partial fulfillment of Master of Science Botany degree to be awarded by Post Graduate Government College for Girls, Sector-42, Chandigarh. This research work has been carried out under my supervision and is to my satisfaction.

Davinder Kaur

Dr. Davinder Kaur,
Assistant Professor,
Department of Botany,
P.G.G.C.G-42, Chandigarh.

Dr. Harjeet Kaur,
(HOD),
Department of Botany,
P.G.G.C.G-42, Chandigarh.

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-42, CHANDIGARH (U.T.)**

**PHYSICO-CHEMICAL ANALYSIS OF THE SOIL SAMPLES
COLLECTED FROM DIFFERENT AGRICULTURAL SITES OF
VILLAGE-DHER, DISTRICT-ROPAR**



CERTIFICATE

This is to certify that “Anuroop Kaur” student of M.Sc. 2 year of Botany has successfully completed her project report entitled “Physico-Chemical Analysis of the Soil Samples Collected from Different Agriculture Sites of Village-Dher, District-Ropar” under our guidance. She had carried out the work at “Department of Botany”, Post Graduate Government College for Girls Sector-42, Chandigarh.

Davinder Kaur

Supervisor
Dr. Davinder Kaur,
Department of Botany,
PGGCG-42, Chandigarh.

Head of Department
Dr. Harjeet Kaur,
Department of Botany,
PGGCG-42, Chandigarh.

**ETHNOBOTANICAL STUDY OF SOME COMMON FLORA OF GREATER
KAILASH REGION OF JAMMU PROVINCE.**



**BOTANY DEPARTMENT
POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR- 42, CHANDIGARH**

CERTIFICATE

THIS IS TO CERTIFY THAT “SURBHI CHANDAN” STUDENT OF M.Sc., BOTANY DEPARTMENT HAS SUCCESSFULLY COMPLETED HER PAPER XX i.e. RESEARCH PROJECT ON TOPIC “ETHNOBOTANICAL STUDY OF FLORA OF GREATER KAILASH REGION OF JAMMU PROVINCE” UNDER OUR GUIDANCE. SHE HAS CARRIED OUT THE WORK AT THE DEPARTMENT OF BOTANY, POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH.

SUPERVISOR
DR. DAVINDER KAUR
DEPARTMENT OF BOTANY
P.G.G.C.G-42, CHANDIGARH.

Davinder Kaur

HEAD OF THE DEPARTMENT
DR. HARJEET KAUR
DEPARTMENT OF BOTANY
P.G.G.C.G-42, CHANDIGARH.

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR 42, CHANDIGARH (U.T.)**



CERTIFICATE

This is certify that the dissertation entitled “Ethnobotanical Survey on flora found in Derabassi City, District Mohali of Punjab, was conducted and complete under my guidance by Nikita Sharma (Roll No-195042) for the fulfillment of the requirement for the Degree of Master of Science in Botany from Post Graduate Government College for Girls, Sector-42, Chandigarh.

Davinder Kaur

Dr. Davinder Kaur
(Supervisor)
Department of Botany
P.G.G.C.G-42, Chandigarh

Dr. Harjeet Kaur
(Head of the Department)
Department of Botany
P.G.G.C.G-42, Chandigarh

EVALUATION OF PHYSICO-CHEMICAL PARAMETERS OF SOIL
SAMPLES COLLECTED FROM DIFFERENT SITES OF PUNJAB

This is to Certify that the dissertation entitled "**Evaluation of Physico-Chemical Parameters of Soil Samples Collected from Different Sites of Punjab**" was Conducted and completed under my guidance by Radhika Gandhi (Roll No.- 195032) for the degree of Master of Science in Botany from Panjab University, Chandigarh.

Dr. Davinder Kaur
(Assistant Professor)
Post Graduate Government College for Girls,
Sector-42, Chandigarh (U.T)

Dr. Harjeet Kaur
(Associate Professor)
Post Graduate Government
College for Girls,
Sector-42, Chandigarh (U.T.)

"TAXONOMIC STUDY OF FRUITS PLANT GROWING IN FRUIT GARDEN OF COLLEGE"



This is to certify that the research work entitled "**Taxonomic Study of Fruit Growing in Fruit Garden of College**" has been completed and submitted by Sushmita Kamboj (Roll No. 195041), for the fulfilment of the requirement for the Degree of Master of Science in Botany from Panjab University, Chandigarh.

Dewinder Kaul

Dr. Davinder Kaur
(Assistant Professor)
Post Graduate Government
College for Girls, Sector-42
Chandigarh (U.T.)

Dr. Harjeet Kaur
(Assistant Professor)
Post Graduate Government
College for Girls, Sector-42
Chandigarh (U.T.)

CHANDIGARH (U.T.) -160036



This is to Certify that the dissertation entitled **"Water quality monitoring and analysis of physicochemical variable of different sites of Chandigarh and Punjab"** was conducted and completed under my guidance by Namarta Negi (Roll No.195040) for the fulfilment of the requirement for the degree of Master of Science in Botany from Panjab University, Chandigarh.

Devinder Kaur

Dr. Davinder Kaur
(Assistant professor)
Post Graduate Government
College for Girls,
Sector-42, Chandigarh (U.T.)

Dr. Harjeet Kaur
(Associate professor)
Post Graduate Government
College for Girls,
Sector-42, Chandigarh (U.T.)

ETHNOBOTANICAL STUDY OF SOME COMMON PLANTS FROM
KOHAN VILLAGE OF DISTRICT MANDI OF
HIMACHAL PRADESH



This is to certify that the dissertation entitled "**Ethnobotanical Study of Some Common Plants From Kohan Village of District Mandi of Himachal Pradesh**" was conducted and completed under my guidance by Vinamra Sharma (Roll No. 195022) for the fulfillment of the requirement for the degree of Master of Science in Botany from Panjab University, Chandigarh.

Spencer East

Supervisor
Dr. Davinder Kaur,
Department of Botany,
P.G.C.G-42, Chandigarh

Head of the department
Dr. Harjeet Kaur,
Department of Botany,
P.G.C.C-42, Chandigarh.

CERTIFICATE

This is to certify that Ms. Aayushi of semester 4th worked on a Three-month short-term project entitled "VEGETATIVE PROPAGATION IN SUCCULENTS" under the able guidance of Dr. Radha Chauhan.

She had a sincere and dedicated approach throughout the tenure of the project. I wish her all the best for her future.

Dr. Radha Chauhan
(Project-in-charge)
Department of Botany

Department of Botany
Post Graduate Government College of
Girls, Sector 42
Chandigarh

CERTIFICATE

It is to certify that the dissertation entitled as "Vegetative propagation of succulents" submitted by Ms. Shubhneet Kaur (Roll No. 195034) in partial fulfilment of the requirement for the award of degree of Master of Science in Botany, in Botany Department, Post Graduate Government College for Girls, Sector- 42, Chandigarh (India), is a record of student's own work under our supervision and guidance. This report has not been submitted for the award of any other degree or certificate in this or any other institute or university.

Supervisor:-
Dr. Radha Chauhan
Department of Botany,
P.G.G.C.G. Sector 42
Chandigarh- 160036

Head of Botany Department:
Dr. Harjeet Kaur
(HOD Botany)
P.G.G.C.G. Sector 42
Chandigarh-160036

CERTIFICATE

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR 42 C, CHANDIGARH (160036)



This is to certify that the work contained in the thesis entitled "*Vegetative propagation in Succulent plants*" submitted by Manpreet Kaur for the award of the degree of **Master's of science**, is a record of bonafide research work carried out by her under my direction and supervision and guidance.

I

HEDA OF THE DEPARTMENT

Dr. Harjeet Kaur
(Associated professor)
Department of Botany
(PGGCG, sector 42, Chandigarh)

SUPERVISOR

Dr. Radha Chauhan
(Assistant Professor)
Department of Botany
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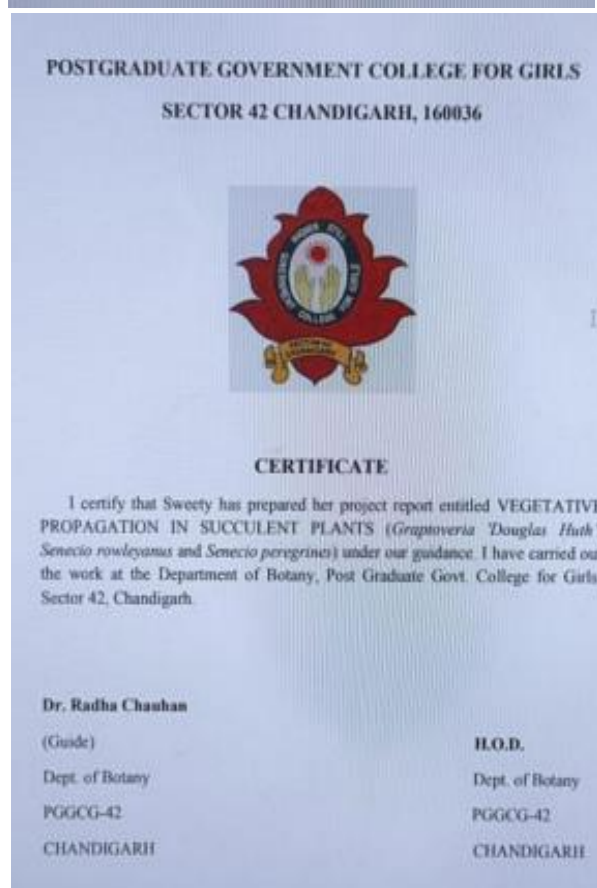
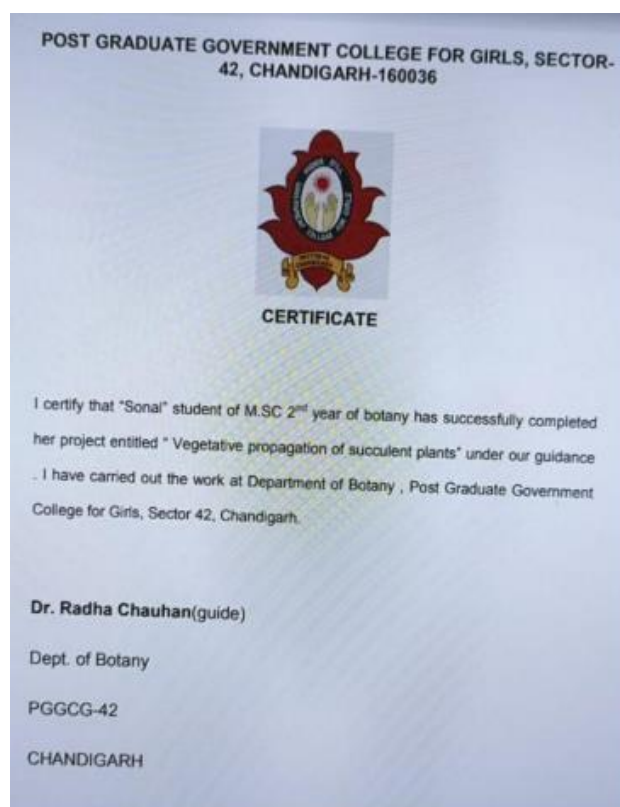
DEPARTMENT OF BOTANY
CHANDIGARH
POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR- 42, CHANDIGARH- 160036
CERTIFICATE



We certify that BHAWANA SHARMA has prepared her project report entitled "**Vegetative propagation in succulents plants belonging to families asphodelaceae and crassulaceae**" under our guidance. She has carried out the work at Department of Botany, Post Graduate Government College for Girls, Sector -42, Chandigarh.

Dr. Radha Chauhan
(Guide)
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Dr. Harjeet Kaur
(HOD)
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PGGCG-42
Chandigarh



DEPARTMENT OF BOTANY
POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-42 CHANDIGARH (UT)
STUDY OF VEGETATIVE PROPAGATION OF SUCCULENTS BY
STEM AND LEAVES OF THE PLANT



CERTIFICATE

This to certify that the dissertation entitled "**Vegetative propagation of succulents by stem and leaves of the plant**" was conducted under my guidance by Meena (Rollno- 195014). She has carried out the work at Botany Department in Post Graduate Government College For Girls, Sector-42 Chandigarh.

Supervisor

Dr. Radha Chauhan
PGGCG-42
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Head Of Department

Dr. Harjeet Kaur
PGGCG-42
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Post Graduate Government College For girls
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Certificate

I certify that Anmol has prepared the project report entitled study on the Ambient air quality index under the guidance. I have carried out the work at Department of Botany, Post graduate Govt. College for Girls, sector -42 ,Chandigarh.

Dr. Manvi Malwal
7 Oct 2021

Dr. Manvi Malwal

(Guide)

Dept. Of Botany,
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H. O. D

Dept. Of Botany
PGGCG-42



CERTIFICATE

I certify that Tsewang Dolma has prepared her project report entitled **Air quality index of Bangalore – A case study** under guidance. I have carried out the work at department of Botany, post Graduate Government College for Girls, Sector-42, Chandigarh.

Dr. Manvi Malwal
7 Oct 2021

Dr. Manvi Malwal

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POST GRADUATE GOVERNMENT COLLEGE
FOR GIRLS
SECTOR 42 CHANDIGARH, 160036



CERTIFICATE

I certify that Manpreet Kaur has prepared her project report entitled **Air quality index of Chennai - A case study** under guidance. I have carried out the work at department of Botany, post Graduate Government College for Girls, Sector-42, Chandigarh.

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Dr. Manvi Malwal

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CERTIFICATE

I certify that Navdeep kaur has prepared her project report entitled **Air quality index of Faridabad city- A case study** under our guidance. I have carried out the work at the Department of Botany, Post Graduate Govt. College for Girls, Sector 42, Chandigarh.

MDmf
7-06-2021

Dr. Manvi Malwal Verma

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POSTGRADUATE GOVERNMENT COLLEGE FOR GIRLS
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CERTIFICATE

I certify that Bela Nagar has prepared her project report entitled **Air quality index of Kolkata city- A case study** under our guidance. I have carried out the work at the Department of Botany, Post Graduate Govt. College for Girls, Sector 42, Chandigarh.

MDmf
7-06-2021

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CERTIFICATE

I certify that Kiranjot Kaur has prepared her project report entitled **AIR QUALITY INDEX OF DELHI- A CASE STUDY** under our guidance. I have carried out the work at Department of Botany, Post Graduate Government College for Girls, sector-42, Chandigarh.

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7-06-2021

Dr. Manvi Malwal (Guide)

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POST GRADUATE GOVERNMENT COLLEGE FOR
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POST GRADUATE GOVERNMENT COLLEGE FOR
GIRLS, SECTOR -42, CHANDIGARH-160036



CERTIFICATE

I certify that Mansi has prepared her project report entitled **Study on Air Pollution** under our guidance. I have carried out the work at Department of Botany, Post Graduate College for Girls, Sector 42, Chandigarh.

Dr. Manvi Malwa

MDmf
7-06-2021

(Guide)

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(H.O.D)

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POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR- 42, CHANDIGARH- 160036



CERTIFICATE

I certify that Stanzin has prepared the project report entitled study on **AIR QUALITY INDEX OF MUMBAI CITY- A CASE STUDY** under the guidance. I have carried out the work at Department of Botany, Post Graduate Govt. College for girls, Sector -42, Chandigarh.

Dr. Manvi Malwal

Manvi Malwal
7.06.2021

(Guide)

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H O D

Department of botany
PGGCG- 42

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CERTIFICATE

I certify that sukhwinder Devi has prepared her project report entitled **Air quality index of Kanpur – A case study**, Under guidance. I have carried out the work at department of Botany, Post graduate government college for girls, sector- 42, Chandigarh.

Manvi Malwal
7.06.2021

Dr. Manvi Malwal.

(Guide).

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(H.O.D)

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12th June 2021 at **AADI CAREER CENTRE**, S.C.O. 116-117, Sector 8-C, Madhya Marg,
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14th June 2021

Aadi Garg

AADI GARG

Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



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Psychologist & Career Counsellor
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Psychologist & Career Counsellor
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SRISHY BHAYANA D/O SH. ANIL BHAYANA
for successful completion of **Two Weeks Internship Program** from 29th May 2021 to
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Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



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This certificate is presented to
AMANJOT KAUR D/O SH. KULWANT SINGH
for successful completion of **Two Weeks Internship Program** from 29th May 2021 to
12th June 2021 at **AADI CAREER CENTRE**, S.C.O. 116-117, Sector 8-C, Madhya Marg,
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14th June 2021



AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE





CERTIFICATE OF COMPLETION

This certificate is presented to
MUSKAAN SHARMA D/O SH. BALDEV BUSHNEHRI
for successful completion of **Two Weeks Internship Program** from 29th May 2021 to
12th June 2021 at **AADI CAREER CENTRE**, S.C.O. 116-117, Sector 8-C, Madhya Marg,
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14th June 2021



AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



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This certificate is presented to
KARTIKA MANOJ KUMAR D/O SH. MANOJ KUMAR
for successful completion of **Two Weeks Internship Program** from 29th May 2021 to
12th June 2021 at **AADI CAREER CENTRE**, S.C.O. 116-117, Sector 8-C, Madhya Marg,
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14th June 2021



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Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to
RINKI D/O SH. UMESH KUMAR
for successful completion of **Two Weeks Internship Program** from 29th May 2021 to
12th June 2021 at **AADI CAREER CENTRE**, S.C.O. 116-117, Sector 8-C, Madhya Marg,
Chandigarh.

14th JUNE 2021



AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



PROJECT REPORT IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF COMMERCE (2020-21)
LIST OF STUDENTS, M.COM- II YEAR

Sr.No.	Roll No	NAME	TOPICS OF PROJECT WORK	TEACHER INCHARGE
1	204401/20	JASLEEN KAUR	Business model of zomato	Ms Monika Sehgal
2	204403/20	SIMRANJEET KAUR	Marketing Mix and distribution network of Godrej Consumer Products Limited	Ms Geetanjali
3	204404/20	JOVANPREET KAUR	Marketing mix of britannia	Ms. Paramjit Kaur
4	204407/20	GANEESHA	A STUDY ON HR POLICIES AND THEIR IMPACT ON ORGANISATION	Ms Indu
5	204408/20	VARANDEEP KAUR	Performance appraisal	Ms Monika Sehgal
6	204409/20	VANSHIKA PURI	Selection and recruitment of ICICI bank	Ms Monika Sehgal
7	204410/20	AARTI KUMARI	Report on Reliance jio	Ms Monika Sehgal
8	204411/20	SUHANA SINGH BHUKAL	Marketing strategies and data analysis of parle	Ms. Paramjit Kaur
9	204412/20	SMYLE	Study on consumer buying behavior of LG brand	Ms. Paramjit Kaur
10	204415/20	SIMRAN	change in Era of telecommunications when Jio was introduced	Ms. Paramjit Kaur
11	204416/20	KOMALPREET KAUR	E-commerce ,company : Amazon	Ms. Paramjit Kaur
12	204417/20	BARKHA JHA	Marketing mix of patanjali	Ms Geetanjali
13	204418/20	JAGBIR KAUR	Corporate social responsibility policy of MICROSOFT	Ms Geetanjali
14	204419/20	JAGRITI	Product diversification and customer satisfaction of nestle company	Ms Geetanjali
15	204420/20	MOUSUMI KUNDU	Customer Satisfaction & Advertising Strategies towards the Flipkart Users with reference to City Chandigarh	Ms Geetanjali
16	204421/20	PRIYANKA JASROTIA	Effect of Cadbury(dairy milk) advertisements on the customers	Ms Geetanjali
17	204422/20	VANSHIKA RANA	On the study of Consumer Buying Behavior in Confectionary Product with respect to Britannia Biscuits .	Dr Mamta Malhotra
18	204423/20	KOMAL	Marketing strategy of zara	Dr Mamta Malhotra
19	204424/20	SANJANA SAINI	Recruitment and selection process in Vera gold mark , zirakpur.	Dr Mamta Malhotra
20	204425/20	PRAGATI RANI	Tools and technique of sales promotion of Toreto	Dr Mamta Malhotra
21	204426/20	JOBANPREET	Digital marketing practices	Dr Mamta Malhotra
22	204427/20	SHIVANI CHAUHAN	Customer satisfaction regarding mahindra bolero (Gurgaon)	Mr Gurjinder Singh
23	204428/20	CHARU GAUR	Loans and scheme and customer satisfaction of Union Bank of India	Mr Gurjinder Singh
24	204429/20	HARSHDEEP	Marketing mix strategy, company:Hero motocorp	Mr Gurjinder Singh
25	204430/20	SHAILIA	comparative analysis of products and services of axis bank	Mr Gurjinder Singh

PROJECT REPORT IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF COMMERCE (2020-21)
LIST OF STUDENTS, M.COM- II YEAR

26	204431/20	TAMANNA	Consumer behavior and perception about VERKA products	Mr Gurjinder Singh
27	204433/20	HITESHA	Online learning: A 21st century approach to education through byju's	Dr Gundeep Virk
28	204435/20	BHAWNA	Brand Awareness & Brand Perception : A Case Study Of Bajaj Electricals Ltd.	Dr Gundeep Virk
29	204436/20	BHAVYA JAIN	Comparative Analysis of financial statements of wipro	Dr Gundeep Virk
30	204437/20	SATWINDER KAUR	An indepth brand analysis of TATA-JLR(Jaguar LandRover)	Dr Gundeep Virk
31	204438/20	MANUPRIYA	Financial statements analysis of Panasonic company	Ms Indu
32	204439/20	KALPANA	Marketing strategy of Paytm	Ms Indu
33	204440/20	JAPLEEN KAUR	Marketing strategies of Fitelo- a health fitness and lifestyle mgt. company, Mohali	Ms Indu
34	204441/20	VANDANA SHARMA	Marketing strategies of Laxmi enterprises- a tyre retreading company, Haryana.	Ms Indu

Monika Sehgal

HEAD OF THE DEPARTMENT

Associate Professor
P.G. Govt. College For Girls
Sector 42, Chandigarh

LEISURE ACTIVITIES AMONG YOUTH

Online research work

Submitted to

Department Of Sociology

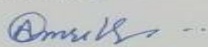
PGGCG-42 Chandigarh

(In partial fulfillment of the requirement for the degree of Master of Arts)

(2020-2021)

Supervisor:

DR. RANJAY VARDHAN 

Ms. AMRIT KAUR 

Submitted by:

AKANKSHA

AMANDEEP KAUR

AMANITA

DURLABH KAUR

MEHAK

PARVEEN KUMARI

PRATIBHA KAPIL

PAYAL KATOCH

LEISURE ACTIVITIES AMONG YOUTH

Online Research Work

Submitted to

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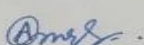
PGGCG-42 Chandigarh

(In partial fulfillment of the requirement for the degree of master of arts)

(2020-2021)

Supervisor: -

DR. RANJAY VARDHAN 

Ms. AMRIT KAUR 

Submitted by: -

SHEFALI

JASMINE

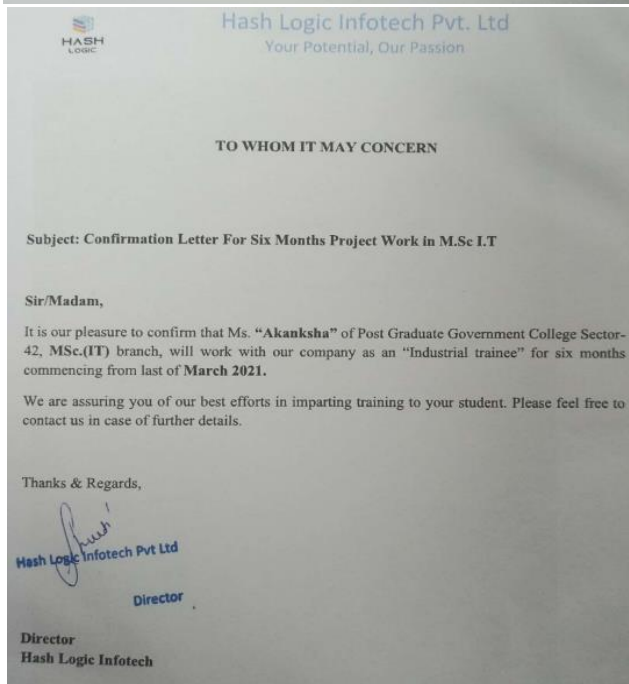
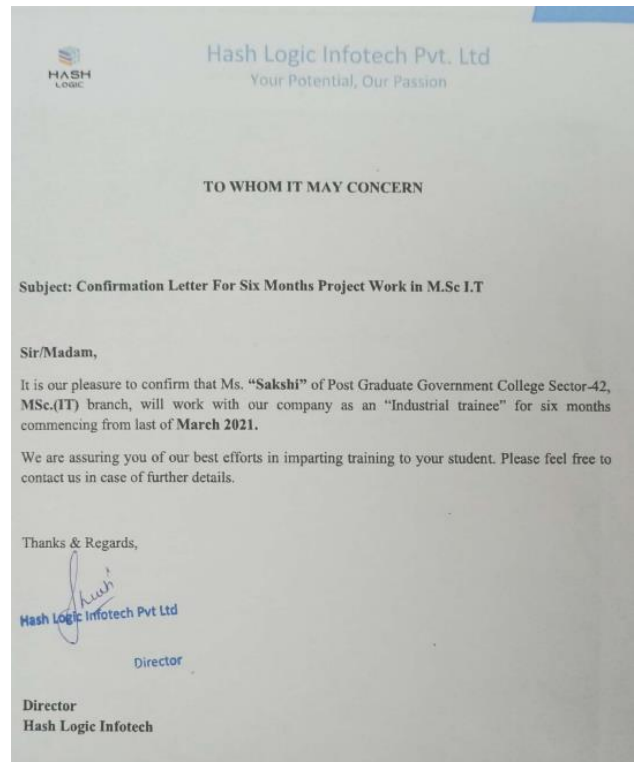
HARMAN

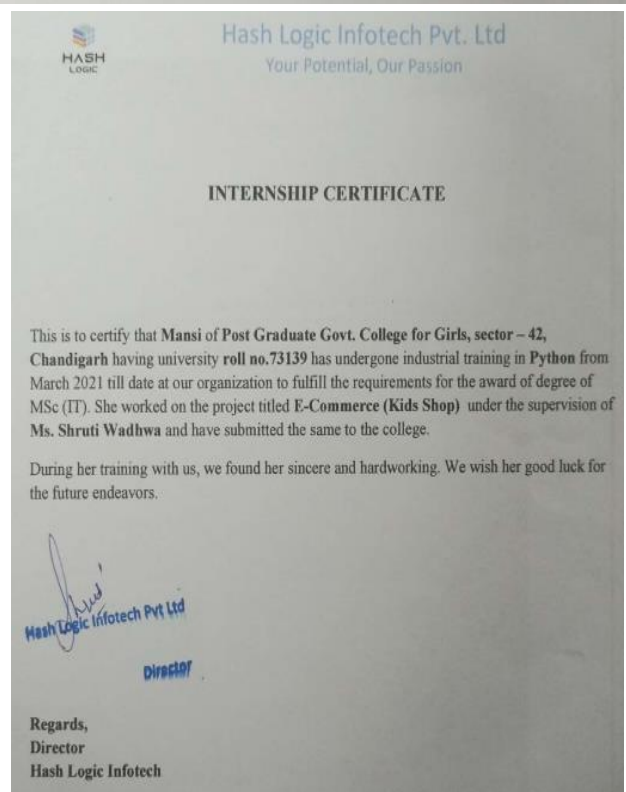
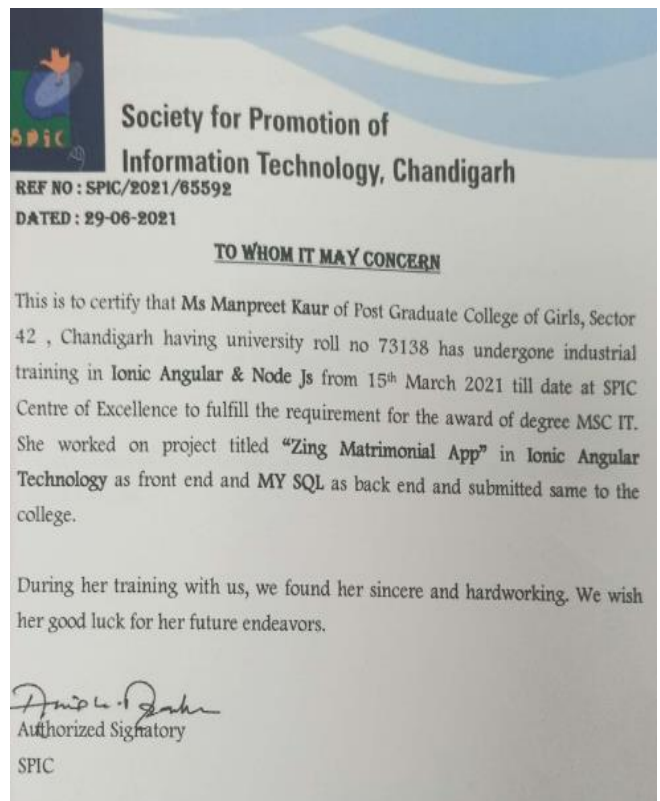
AMRITA

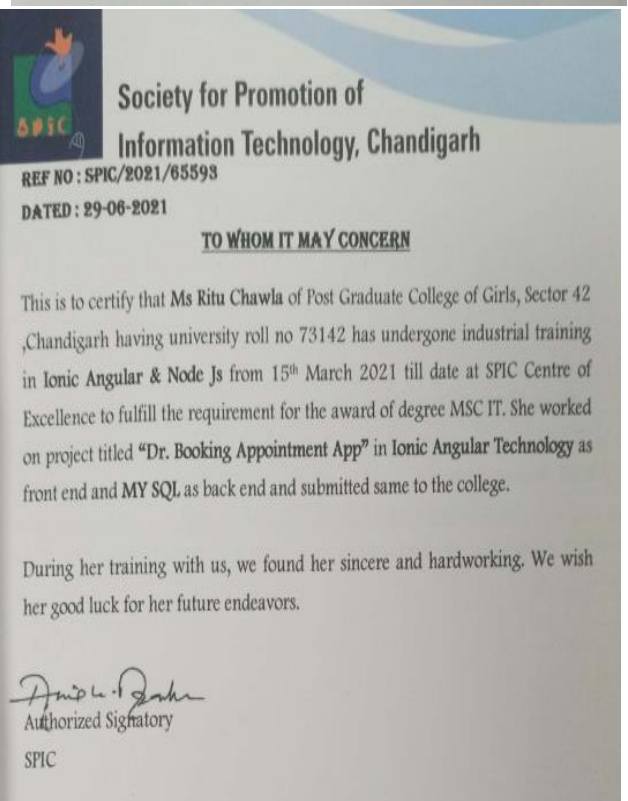
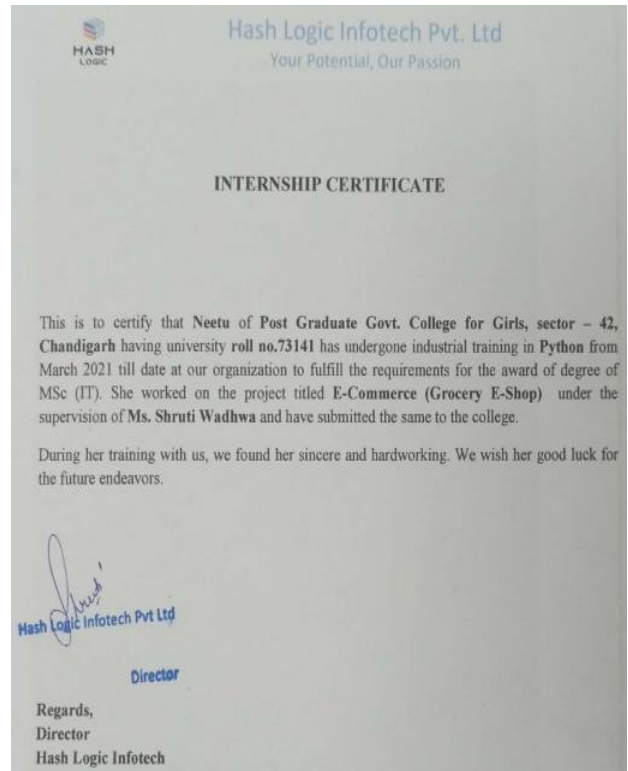
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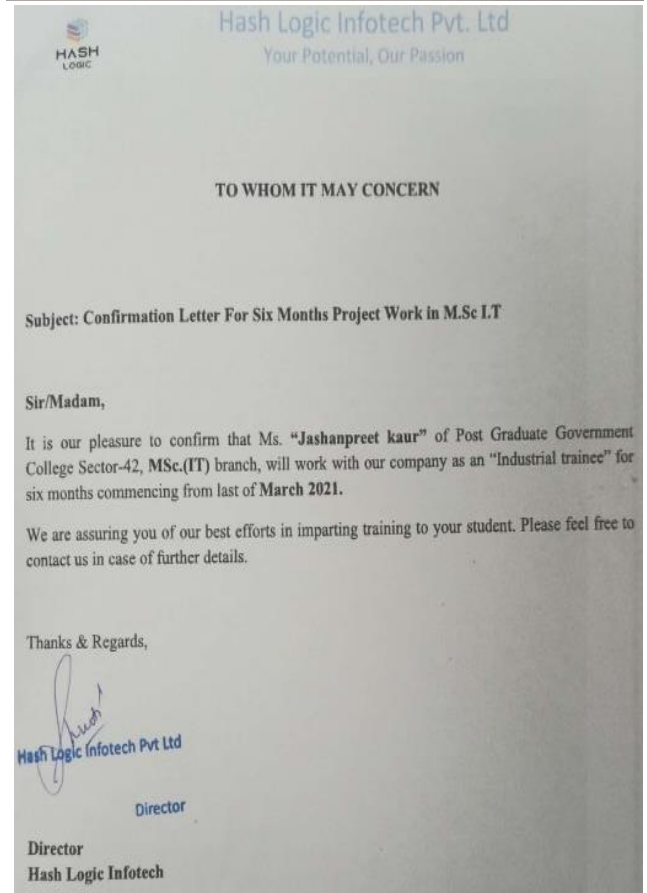
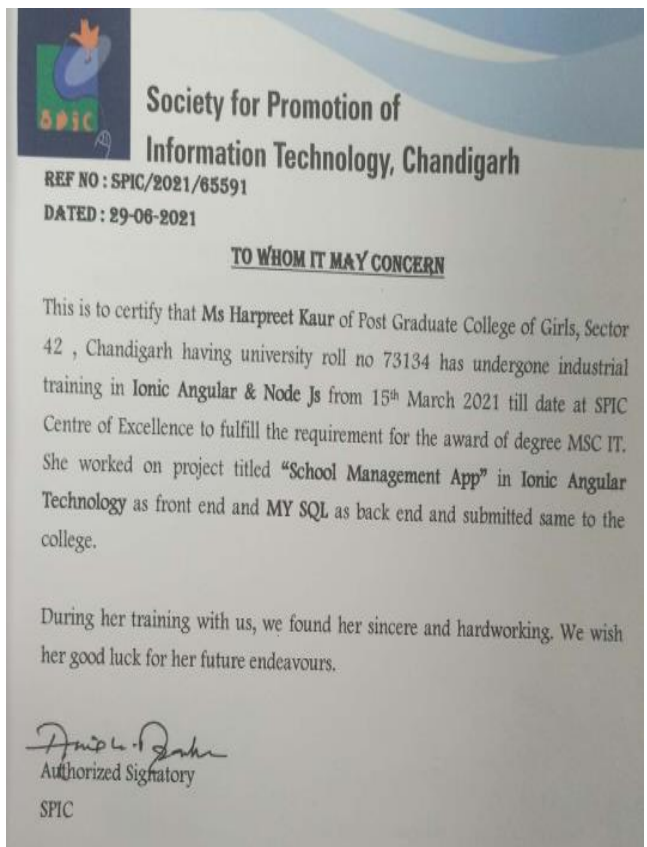
ISHA

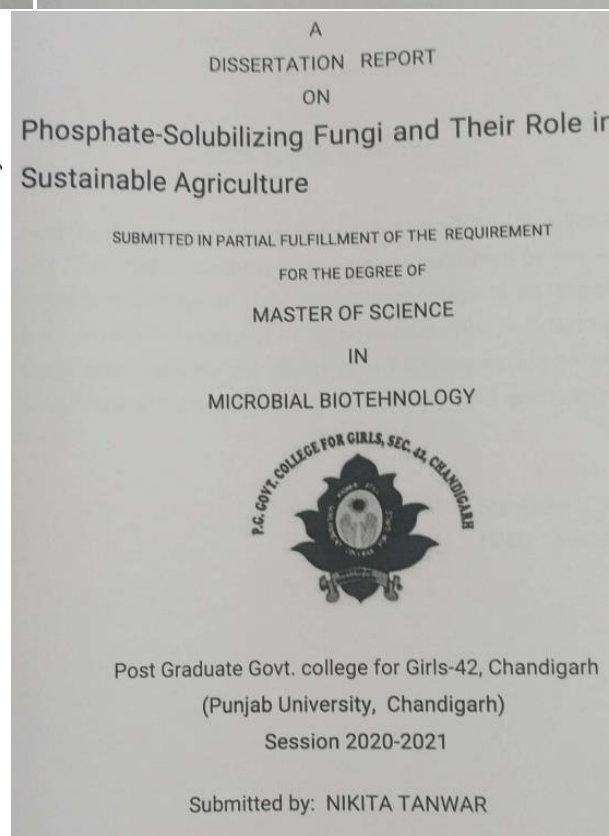
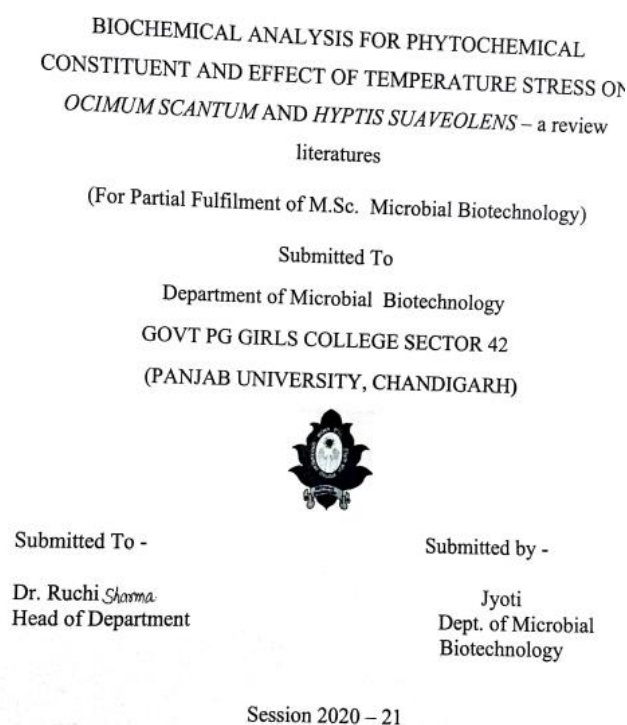
SHIVANI











A DISSERTATION REPORT ON

ROLE OF INTEGRONS IN MICROBIAL DRUG RESISTANCE

(For Partial Fulfilment of M.Sc. Microbial Biotechnology)
SESSION 2020 - 2021



Submitted To—

Head of Department
Department of Microbial Biotechnology
GOVT PG GIRLS COLLEGE SECTOR 42 (PANJAB UNIVERSITY,
CHANDIGARH)

Submitted by -

Nitasha Aggarwal
Department of Microbial Biotechnology
Roll no. – 195208
PU Roll no. - 63465

Bio safety, Bio security and dual use research of concern

Project
Dissertation

Submitted in partial fulfillment of the requirement for the degree of
Master of Science
In
Microbial Biotechnology
2021



Prepared By Parul Sharma

Page 1

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-42, CHANDIGARH- 160036



CERTIFICATE

This is to certify that the dissertation entitled “HYDRO-DISTILLATION OF ESSENTIAL OIL FROM *Cinnamomum camphora* LEAF AND SCREENING ITS POTENTIAL APPLICATIONS” was conducted and completed by Reema Sharma (Roll no.- 195209) under our supervision for the partial fulfillment of the requirement for the degree of Masters of Science in Microbial Biotechnology from Post Graduate Government College for Girls, Sector- 42, Chandigarh .

Supervisor Dr. Sonia (Assistant Professor) Government College for Girls, Sector – 42 Chandigarh (UT)	Head of Department Prof. Deepika Kansal Post Graduate Government College for Girls, Sector – 42 Chandigarh (UT)
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SECTOR – 42, CHANDIGARH - 160036

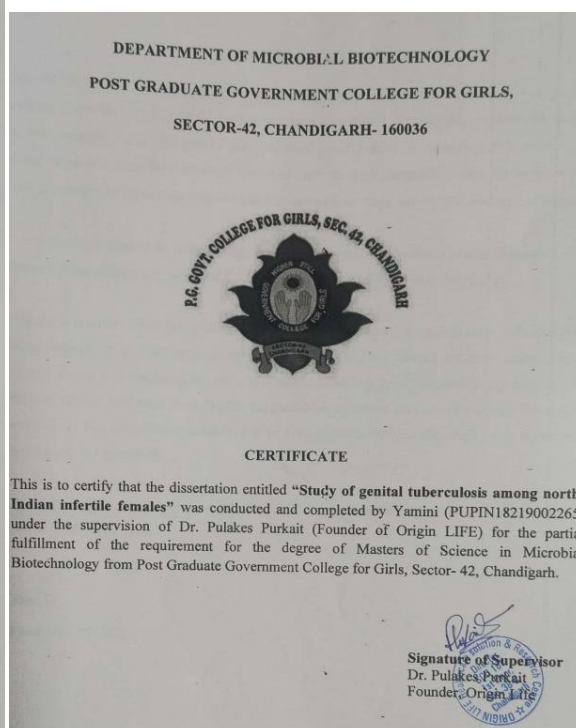
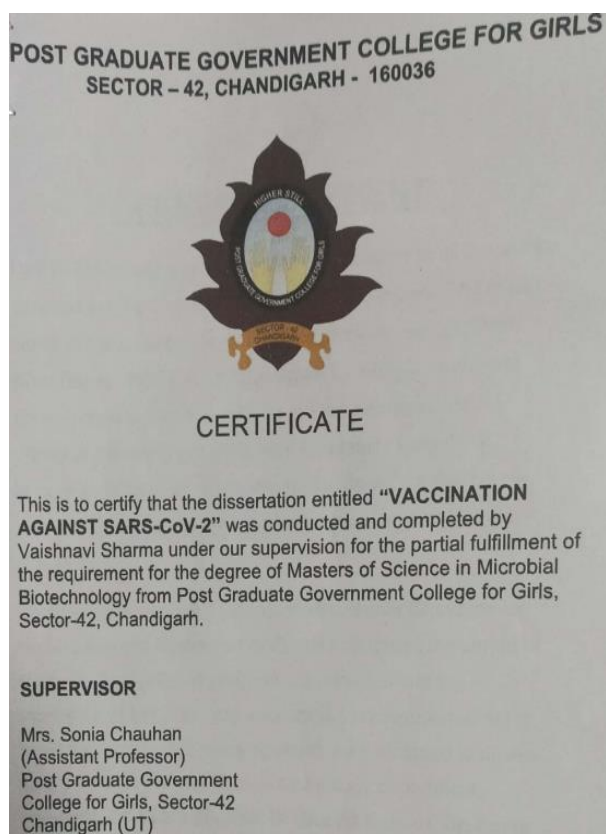


CERTIFICATE

This is to certify that the dissertation entitled “An Introduction to Pharmaceutical Microbiological attributes, It's application in the estimation of microbiological parameters into pharmaceutical dosage forms like External Applications, Oral Solid & Oral Liquid Dosage Form” was conducted and completed by SALONI AATRY under our supervision for the partial fulfillment of the requirement for the degree of Masters of Science in Microbial Biotechnology from Post Graduate Government College for Girls, Sector-42, Chandigarh.

SUPERVISOR

Mrs. Sonia Chauhan
(Assistant Professor)
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Post Graduate Government College for Girls, Sector 42, Chandigarh			
Class: PGDCA 2 nd sem			
Subject: PGD-2107			
Session (2020-2021)			
Sr.No.			
	206301	KAMALJEET KAUR	Multiplayer board games.
1.	206302	ANJALI YADAV	Covid-19 Information About India.
2.	206303	AMANDEEP KAUR	Culture of Punjab Website using HTML
3.	206304	SUSHAMA YADAV	Restaurant Food Order Using HTML
4.	206305	HEENA	Consultant for abroad website HTML and CSS
5.	206306	VARTIKA	Explore himachal website HTML and CSS
6.	206307	KOMAL SODHI	Online Calculator Using HTML and CSS
7.	206308	HARPREET KAUR	Agriculture website using html and css
8.	206309	BIRINDERJIT KAUR	Furniture Accessories Using HTML, CSS, JAVASCRIPT
9.	206310	RAJVINDER KAUR	WRIST WATCH STORE
10.	206311	KOMALPREET KAUR	Sadgi closest website using HTML and CSS
11.	206312	KAMALPREET KAUR	Know your pet website template using HTML and CSS
12.	206313	POOJA KAUSHAL	College Management Website Template Using HTML and CSS
13.	206314	SUMAN	Online food Ordering website Template
14.	206315	RAJEENA	School Website using HTML
15.	206316	BRAHAMJEET KAUR	Fast food using html and css
16.	206317	HARPREET KAUR	Shopping Website for Women's Using HTML and CSS

Post Graduate Government College for Girls, Sector 42, Chandigarh			
BCA III			
Topics for Seminars			
Class: BCA III (6th semester)			
Session : 2020-2021			
Due to Covid-19 Pandemic, the project work could not be carried out in the college. Instead, online seminars (according to the requirement of the curriculum of BCA III) were held as the topics given below:			
S.No.	RollNo	Name	Topics
1	181560/1	TANVI KASHYAP	Main Memory
2	181562/1	VISHALI JOSHI	Internal Commands in DOS
3	181538/1	BHUMIKA	Mail merge
4	181555/1	ANU RANI	CPU Registers
5	181502/1	MANISHA SHARMA	Associative Memory
6	181508/1	ISHA	Case control structure in C
7	181505/1	AMRIT KAUR	Loops in C
8	181534/1	MEENAKSHI	Storage classes in C
9	181513/1	MEHAK DHIMAN	Oops concept in C++
10	181507/1	ANSHIKA	Decision making statement in C++
11	181545/1	RAJANPREET KAUR	Constructors and destructors in C++
12	181546/1	PRIYANKA	Inheritance in C++
13	181521/1	KAMAKSHA GOYAL	functions
14	181516/1	AMANDEEP KAUR	Library function
15	181549/1	MANDEEP KAUR	System concepts and information system environment in
16	181572/1	SANCHITA MADAAN	Definition & characteristic of system and types of system
17	181550/1	PRABHJOT KAUR	System development life cycle in ISDI
18	181503/1	UMA YADAV	Introduction & types of software
19	181541/1	HARKARAN JEET	Software project management
20	181520/1	SHIWANI	Concepts of project
21	181561/1	SALONI GERA	Arrays in data structure
22	181553/1	NEHA SHARMA	Stacks in data structure
23	181523/1	SHIVANGI	Queue in Data structure
24	181542/1	SIMRAN	sorting in data structure
25	181544/1	KOMAL	Tree in data structure
26	181509/1	KIRTI RAWAT	Introduction to OS & it's function
27	181537/1	VAISHALI	Types of computer network.
28	181506/1	SIMRAN SHARMA	Network topologies , uses of computer network.
29	181518/1	SONAL AGNIHOTRI	Wireless network
30	181504/1	NAVNEET KAUR	Multiplexing
31	181552/1	KASHISH JAIN	Network hardware
32	181568/1	GEETANJALI KASHYAP	Physical layer: transmission media in computer network
33	181533/1	PARNEET KAUR	Data Link Protocol for noisy and noiseless channels
34	181540/1	HEENA KHAN	Defination of ISDN , advantages, disadvantages & types
35	181557/1	VEDIKA DHIMAN	Hamming Codes
36	181528/1	RITIKA RAI	Congestion Control
37	181571/1	ANEY KAUSHIK	Introduction & difference of e-Commerce &
38	181517/1	SIMRANPREET KAUR	Layouts in java
39	181529/1	VISHU	Lists in web programming
40	181530/1	SHEETAL	DHTML CSS & forms in Web programming
41	181531/1	KAJAL KUMARI	objects , properties & methods in JavaScript
42	181564/1	PREETI BHANDARI	Introduction to JavaScript

43	181501/1	ANCHAL NARANG	Types of scripting & Web server
44	181522/1	GUNJAN MEHTA	Java Virtual Machine
45	181547/1	JASHANPREET KAUR	Working with text in HTML
46	181536/1	HARTEJ KAUR	Java Applets
47	181512/1	MANSI	file inclusion statements in PHP
48	181515/1	SIMRAN KAUR	Working with file system in PHP
49	181519/1	SIMRANPREET KAUR	Introduction to web application in PHP
50	181563/1	HARSHITA ARORA	DNS
51	181524/1	ASHPREET KAUR	Function and variable scope, recursion in PHP
52	181527/1	KAJAL YADAV	Tables in Web programming
53	197301/1	JEETIKA RANI	Iterative function in PHP
54	181539/1	LOVELY	Loop Control structure in PHP
55	181570/1	HARSIMRAN KAUR	Arrays & it's types in PHP
56	181543/1	KAMALJEET KAUR	Online banking system PHP My sql

Nidhi Goyal
Ms. Nidhi Goyal
Subject Incharge

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Principal
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