

Helix
ISO 9001:2015 - NABL
 email: helixpathlabs@gmail.com

HELIX PATHLABS
(NABL ACCREDITED)
 S.C.F. 82, 1st Floor, Phase 6, Mohali
 Ph. 0172-5034782, 4312961, 8591918282

TEST REPORT

Ref No:- HPL014/2020-2021
 Date:-Monday 28th Dec, 2020

To Whom So Ever It May Concern

Training Certificate

This is to certify that Prabhleen kaur D/o S Sharnjit Singh, resident of #173 Sector-44-A Chandigarh, has done training at Helix Pathlabs from 27/11/2020 to 27/12/2020.

She has done training in Biochemistry, Hematology and Clinical Pathology

She is punctual and hardworking.

Dr. Charandeep Singh Sahni, MD (Pathology)
 28/12/2020

www.helixpathlabs.in

APTURE
BIOTECH
 Let's renewate life

CERTIFICATE

This is to certify that Ms. Yashika Thakur, D/o Mr. Divesh Thakur student of B.Sc. Honours Biotechnology (Third Year), Roll No-18043530 from "Post Graduate Government College for Girls, Sector 42 Chandigarh" has completed her Advance Winter training Program of 45 Days, from 18th January 2021 to 3rd March 2021, in our Biotechnology Division at Mohali Campus with A+ Grade on the topic:

- Juice and Soft drinks - Quality analysis & control skill
- Food Industries - Quality analysis and Control Skills
- Dairy Technology- quality analysis and control skill
- Probiotics Beverages Development
- Food Microbiology
- Bioprocess Engineering & Fermentation Technology

We wish for her bright future. Certificate number:RWTM-2103/07

Mr. Mayank Raj Bhardwaj
 Chief Executive Officer
 Rapture Biotech, India

Ms. Shreya Jain
 Director
 Rapture Biotech, Mohali

RAPTURE BIOTECH INTERNATIONAL (P) Ltd. D-201 Sector 10, Noida (U.P.), INDIA Pin: 201301/ Tel: (0120)-4185885
 Helpline: 9910181659, 9027326396 | Email: info@rapturebio.com Website: www.rapturebio.com

TRAINING REPORT

ON

MINERAL WATER PRODUCTION

AND

QUALITY CONTROL

AT

CATCH INTERNATIONAL MINERAL WATER FACTORY

RAISON(H.P)


BY

MANNAT BHALLA

ROLL No. 18043516

BSC. BIOTECH HONOURS

PGGCG-42



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/ Finished products, formulations of tablets, capsules & Liquids. She also shows interest in preparation of documentation.

I wish her success in future.

Thanks

Proprietor
 FOR REVIVE PHARMA
 Revive Pharma

राष्ट्रीय कृषि खाद्य जैवप्रौद्योगिकी संस्थान
जैवप्रौद्योगिकी विभाग (भारत सरकार)
के तहत स्वायत्त संस्थान,
सेक्टर-81, (नोवेज सिटी), पी. ओ. मनोली
एन. ए. एन. नगर, मोहली-140 306
पंजाब, (भारत)



National Agri-Food Biotechnology Institute
(An autonomous Institute of
Department of Biotechnology, Govt. of India)
Sector 81 (Knowledge City), PG Manauli,
S.A.S. Nagar, Mohali-140 306
Punjab (INDIA)

No. NABI/4(09)/2010-Adhoc.

02.03.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Yasmeen D/o Mohammad Javed has undergone research training for a period from 17/11/2020 to 16/02/2021 (without stipend) at NABI under the supervision of Dr. Siddharth Tiwari, Scientist-E.

Her work has been found satisfactory and we wish her best of luck for her future endeavours.

S. Krishnan
(S. Krishnan) 2/3 Dec
Manager Administration



SPRINGFEST IIT KHARAGPUR
Indian Institute of Technology Kharagpur

OF ACHIEVEMENT
Certificate

THIS CERTIFICATE IS AWARDED TO

NEERU

in acknowledgement of participation in the
MOLECULAR BIOLOGY & BIOCHEMISTRY TECHNIQUES
Training successfully completed with **EDUFABRICA**
in association with **SPRINGFEST IIT Kharagpur** from **30th January to 25th February 2021**

Certificate Number
EDU-MBST-100-2021

Nitin Kahlil
Nitin Kahlil
Coordinator
Springfest IIT Kharagpur



Niraj Singh
Niraj Singh
Director
Ethical Edu.Fabricon Pvt. Ltd.



CERTIFICATE

This is to certify that Ms. Parul Lakra, D/o Mr. Sanjay Kumar student of B.Sc. (Hons) Biotechnology (First Year), Roll no-18043520 from "Post Graduate Government College For Girls, Chandigarh" has completed her Basic Training Program of 21 Days, from 10th June 2019, to 1st July 2019, in our Biotechnology Division at Mohali Campus with A+ Grade on the topic:

- Herbal drug formulation
- Molecular Techniques
- Food Technology

We wish for her bright future.

Certificate Number:RSTM-1907/62

Mr. Mayank Raj Bhardwaj
RAPTURE BIOTECH
CEO
Mr. Mayank Raj Bhardwaj
(Chief Executive Officer)
Rapture Biotech, India.

For LIFECELL BIOSCIENCE
Ms. Shreya Jain
Ms. Shreya Jain
(Director)
Rapture Biotech, Mohali



CERTIFICATE

This is to certify that Ms. Kanehan, D/o Mr. Krishan Kumar student of B.Sc. (Hons) Biotechnology (First Year), Roll no-18043514 from "Post Graduate Government College For Girls, Chandigarh" has completed her Basic Training Program of 21 Days, from 10th June 2019, to 1st July 2019, in our Biotechnology Division at Mohali Campus with A+ Grade on the topic:

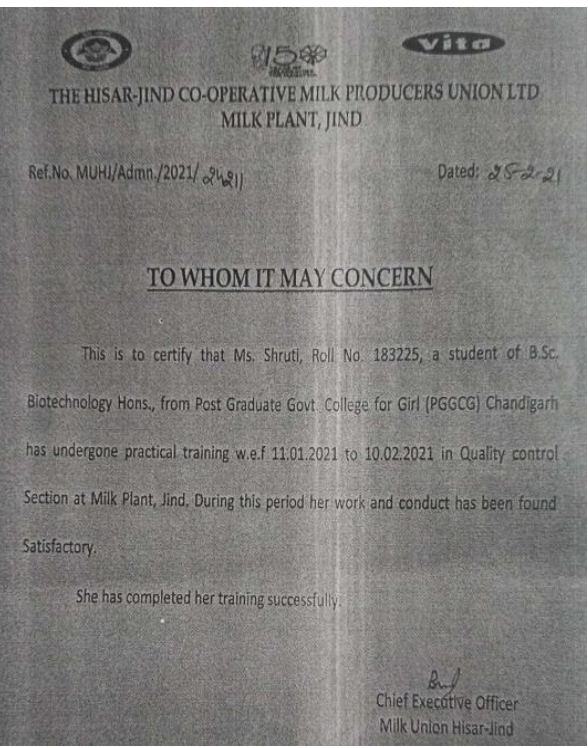
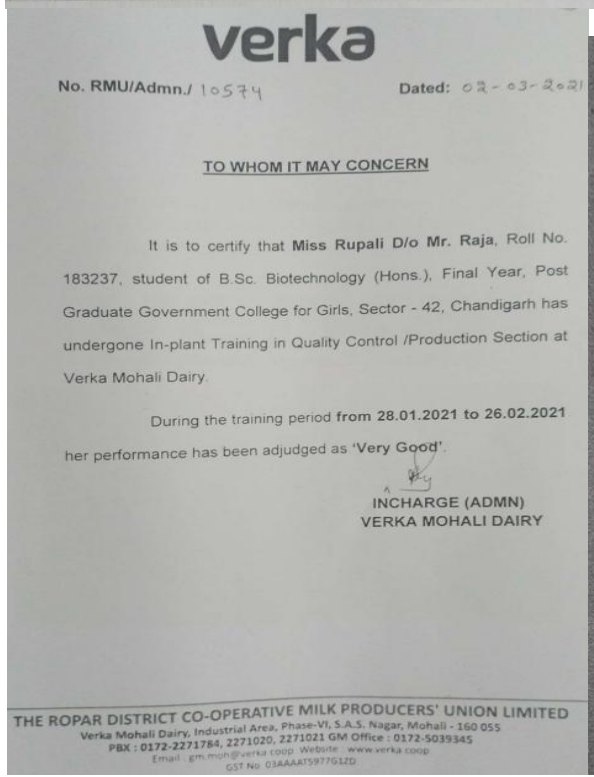
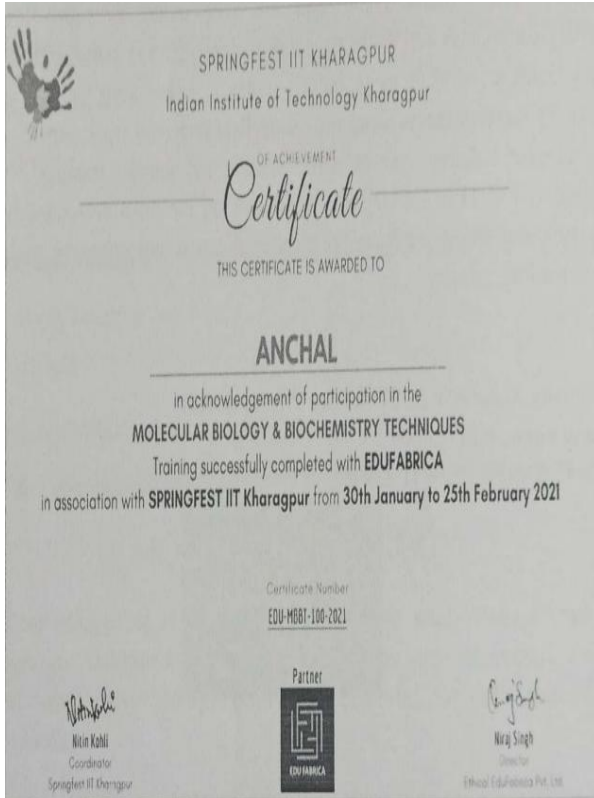
- Herbal drug formulation
- Molecular Techniques
- Food Technology

We wish for her bright future.

Certificate Number:RSTM-1907/59

Mr. Mayank Raj Bhardwaj
RAPTURE BIOTECH
CEO
Mr. Mayank Raj Bhardwaj
(Chief Executive Officer)
Rapture Biotech, India.

For LIFECELL BIOSCIENCE
Ms. Shreya Jain
Ms. Shreya Jain
(Director)
Rapture Biotech, Mohali





CERTIFICATE

This is to certify that Ms. Suparna Chakraborty, D/o Mr. Manej Chakraborty student of B.Sc. (Hons) Biotechnology (First Year), Roll no-183204 from "Post Graduate Government College For Girls, Chandigarh" has completed her Advance Training Program of 15 Days, from 17th June 2019, to 2nd July 2019, in our Biotechnology Division at Mohali Campus with A Grade on the topic:

- Immunological techniques
• Genomics & Proteomics

We wish for her bright future. Certificate Number:RSTM-1906/67

Rapture Biotech CEO signature

Mr. Mayank Raj Bhardwaj (Chief Executive Officer)

Rapture Biotech, India.

For LIFECELL BIOSCIENCE

Ms. Shreya Jain signature

Ms. Shreya Jain (Director)

Rapture Biotech, Mohali

POST-GRADUATE GOVERNMENT COLLEGE FOR GIRLS
42, CHANDIGARH.



TRAINING REPORT ON :

MANUFACTURING, QUALITY ANALYSIS AND PACKAGING OF DRUGS.

PRESENTED TO : MS.DEEPIKA H.O.D BIOTECHNOLOGY DEPTT.OF BIOTECHNOLOGY PGGCG - 42

PRESENTED BY : URVASHI BSC.BIOTECHNOLOGY (H) 183232 / 18043529. PGGCG - 42



CERTIFICATE

This is to certify that Ms. Kumari Diviya, D/o Mr. Bhanu Prasad student of B.Sc. (Hons) Biotechnology (First Year), Roll no-18043515 from "Post Graduate Government College For Girls, Chandigarh" has completed her Basic Training Program of 21 Days, from 10th June 2019, to 1st July 2019, in our Biotechnology Division at Mohali Campus with A+ Grade on the topic:

- Herbal drug formulation
• Molecular Techniques
• Food Technology

We wish for her bright future. Certificate Number:RSTM-1907/60

Rapture Biotech CEO signature

Mr. Mayank Raj Bhardwaj (Chief Executive Officer)

Rapture Biotech, India.

For LIFECELL BIOSCIENCE

Ms. Shreya Jain signature

Ms. Shreya Jain (Director)

Rapture Biotech, Mohali

SUMAN DAIGNOSTIC LAB

Dattal Hospital, Thakurdwar, Palampur (Distt Kangra) HP 176102



Dr. SUMAN DATTAL M.B.B.S. M.D. (Pathology) Consultant Pathologist Mob. 9953363094

Branches PAPROLA (In front of Ayurvedic Hospital) PANCHRUKHI CHOWNK (Pahara Road)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Ritika Kaundal has completed her training in department of Lab Service - Laboratory at SUMAN DAIGNOSTIC LAB, Paprola (In front of AYURVEDIC HOSPITAL) Branch of Dattal Hospital, Thakurdwar, Palampur on 14th January 2021.

During her training (14th December 2020 to 14th January 2021) She was the part of hospital set up and was reporting to Dr. Suman Dattal.

We wish her all the best in her future endeavours.

For Dattal Hospital

Dr. Suman Dattal M.D. signature

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

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: -

SHEFALI

JASMINE

HARMAN

AMRITA

JANVI

ISHA

SHIVANI

**Social Problems and Health Problems of
Elderly in Chandigarh:
A Sociological Study**

**A REPORT
SUBMITTED TO THE DEPARTMENT OF SOCIOLOGY
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE DEGREE OF
MASTER OF ARTS
IN
SOCIOLOGY
2021-2022**

Research Supervisor

Dr Ranjay Vardhan

Mrs. Amrit Kaur

Dr Jyoti Ahuja

Submitted by

Karamveer, Yashika

Kamaljeet, Parul, Mansi,

Neelam, Shivani, Shikha,

Simran, Rekha, Sonia.

PROBLEMS OF ELDERLY PEOPLE IN CHANDIGARH

A PROJECT FOR THE PARTIAL FULFILLMENT
OF
MASTER OF ARTS (SOCIOLOGY)
(2021-2022)

DEPARTMENT OF SOCIOLOGY
PGGCG, SECTOR 42, CHANDIGARH

RESEARCHER SUPERVISOR

DR.RANJAY VARDHAN

DR.JYOTI AHUJA

MS.AMRIT KAUR

SUBMITTED BY

KONICA (204302), ASHIMA (204304)

ISHITA RAHEJA (204306), SHUBHKIRTI(204309)

DIKSHA TANWAR(204312), SUMAN BALA(20314)

SHAYEYMEN(204316), DEACHEN DOLKAR(204318)

RAVEENA(204321), POONAM(204325),

POOJA(204327)

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

Academic Year	Class	No. of Students	Field Survey	Mode of survey
2019-20	BA-III 6 th Semester	43	1) Local market survey 2) Catchment area of school /college 3) House hold Survey	Students personally visited the areas.
2020-21	BA-III 6 th Semester	94	1) Catchment area of college(PGGCG-42)	On line mode with google forms

Note- list of the Students attached as Annexure-A and Annexure –B

List of Students 2020(Geography)

Annexure-A

RollNo	Name	Mobile
160085/16	KAVITA SAHU	9548178165
170002/17	NEHA	9868941322
170047/17	SANDEEP KAUR	9780865964
170072/17	ANJU	8054766205
170074/17	RUBY	8194907966
170079/17	KIRANVEER KAUR GILL	7814386138
170102/17	DIKSHA CHAUDHARY	7814450708
170120/17	NEHA	9779646806
170122/17	NEETU KUMARI	8427124650
170133/17	RITU DEVI	7652903598
170140/17	SIMRANPAL KAUR	9781958920
170183/17	SHWETA	9780179969
170204/17	PRABHJOT KAUR	8872971129
170218/17	POONAM	8557056039
170237/17	SIMRANJEET KAUR	9914109795
170247/17	KANIKA THAKUR	9418365051
170287/17	DOLLY DHANAİK	8847532213
170293/17	MANISHA	7988197473
170299/17	MANPREET KAUR	8901183202

170302/17	TRIPTI	9855522065
170307/17	GEETIKA RANI	7814185336
170308/17	HIMANSHI NEGI	7901970977
170336/17	NAVNEET KAUR	9888390163
170339/17	AMANDEEP KAUR	9988039041
170388/17	SHANU VERMA	8699338797
170438/17	VANSHIKA	7015397351
170498/17	BHANU	8360501216
170522/17	SUJATA MAITY	7589124070
170523/17	ANJALI	9878094862
170542/17	ANJANI	7888558409
170549/17	POOJA KUMARI	7973979165
170560/17	TRIPTA	7888736198
170562/17	KAJAL	7889223613
170584/17	PRIYA	9915609659
170607/17	KAJAL	9877133591
170637/17	NEELAM DEVI	9996267402
170666/17	AKSHITA RAWAT	8872366060
170680/17	JASMEEN	8968165594
170695/17	RAJNI	8437815507
170724/17	POONAM	9876590047
197105/19	HITAKSHI	9463049875
170956/17	BEENA THAPA	7696611705
170968/17	LAXMI DEVI	9888096294

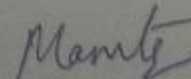
List of Students -2021(Geography)

Annexure-B

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
180410/18	SHITAL	9878855131
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


 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 "SARBHI 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

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

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



CERTIFICATE

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.

<p>Supervisor Head of department</p> <p>Dr. Davinder Kaur (Assistant Professor) Post Graduate Government College for Girls, Sector-42, Chandigarh (U.T)</p>	<p>Dr. Harjeet Kaur (Associate Professor) Post Graduate Government College for Girls, Sector-42, Chandigarh (U.T)</p>
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POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR 42,
CHANDIGARH (U.T)

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



CERTIFICATE

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.

Davinder Kaur

<p>Supervisor</p> <p>Dr. Davinder Kaur (Assistant Professor) Post Graduate Government College for Girls, Sector-42 Chandigarh (U.T.)</p>	<p>Head of department</p> <p>Dr. Harjeet Kaur (Assistant Professor) Post Graduate Government College for Girls, Sector-42 Chandigarh (U.T.)</p>
---	--

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR 42
CHANDIGARH (U.T.) -160036



CERTIFICATE

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.

Davinder Kaur

<p>Supervisor</p> <p>Dr. Davinder Kaur (Assistant professor) Post Graduate Government College for Girls, Sector-42, Chandigarh (U.T.)</p>	<p>Head of Department</p> <p>Dr. Harjeet Kaur (Associate professor) Post Graduate Government College for Girls, Sector-42, Chandigarh (U.T)</p>
--	--

Post Graduate Government College For Girls
Sector 42, Chandigarh

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



Certificate

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 Vinamta Sharma (Roll No. 195022) for the fulfilment of the requirement for the degree of Master of Science in Botany from Panjab University, Chandigarh.

Davinder Kaur

<p>Supervisor</p> <p>Dr. Davinder Kaur, Department of Botany, P.G.G.C.G-42, Chandigarh.</p>	<p>Head of the department</p> <p>Dr. Harjeet Kaur, Department of Botany, P.G.G.C.G-42, Chandigarh.</p>
--	---

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.C.G. Sector 42
Chandigarh- 160036

Head of Botany Department:
Dr. Harjeet Kaur
(HOD Botany)
P.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 Mangreet 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
(PGGCG, Sector 42, Chandigarh)

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**)
Department of Botany
PGGCG-42
Chandigarh

Dr. Harjeet Kaur
(**HOD**)
Department of Botany
PGGCG-42
Chandigarh

DEPARTMENT OF BOTANY
 POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
 SECTOR-42 CHANDIGARH (UT)
 STUDY OF VEGETATIVE PROPAGATION IN SUCCULENT PLANTS
 BY STEM AND LEAVES.



CERTIFICATE

This is to certify that the dissertation entitled "Vegetative propagation in succulent plants by Stem and Leaves" was conducted under my guidance by Manuja (Roll no-195029). She has carried out the work at Botany Department in Post Graduate Government College For Girls, Sector-42 Chandigarh.

Supervisor	Head of Department
Dr. Radha Chauhan	Dr. Harjeet Kaur
PGGCG-42	PGGCG-42
Chandigarh	Chandigarh

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



CERTIFICATE

I certify that "Sonal" student of M.Sc 2nd year of botany has successfully completed her project entitled "Vegetative propagation of succulent plants" under our guidance. I have carried out the work at Department of Botany, Post Graduate Government College for Girls, Sector 42, Chandigarh.

Dr. Radha Chauhan (guide)
 Dept. of Botany
 PGGCG-42
 CHANDIGARH

POSTGRADUATE GOVERNMENT COLLEGE FOR GIRLS
 SECTOR 42 CHANDIGARH, 160036



CERTIFICATE

I certify that Sweety has prepared her project report entitled VEGETATIVE PROPAGATION IN SUCCULENT PLANTS (*Graptoveria Douglas Huth*, *Senecio rowleyanus* and *Senecio peregrinus*) under our guidance. I have carried out the work at the Department of Botany, Post Graduate Govt. College for Girls, Sector 42, Chandigarh.

Dr. Radha Chauhan (Guide) Dept. of Botany PGGCG-42 CHANDIGARH	H.O.D. Dept. of Botany PGGCG-42 CHANDIGARH
---	---

POST GRADUATE GOVERNMENT COLLEGE
 FOR GIRLS,
 SECTOR- 42, CHANDIGARH, 160019



We certify that Ms. Renuka has prepared her project report on "Vegetative propagation of succulents by leaves and stem of the plant" 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) Department of Botany, PGGCG-42, Chandigarh	Dr. Harjeet Kaur (HOD) Department of Botany , 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
 Chandigarh

Head Of Department
 Dr. Harjeet Kaur
 PGGCG-42
 Chandigarh

Post Graduate Government College For girls
 sector -42 ,Chandigarh -160036



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.

(Signature)
 7.04.2021

Dr. Manvi Malwal

(Guide)
 Dept. Of Botany.
 PGGCG-42.
 CHANDIGRH

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.

(Signature)
 7.04.2021

Dr. Manvi Malwal

(Guide)
 Dept. of Botany
 PGGCG-42, Chandigarh

(H.O.D.)

Dept. of Botany
 PGGCG-42, Chandigarh

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.

(Signature)
 7.04.2021

Dr. Manvi Malwal

(Guide)
 Dept. of Botany.
 PGGCG-42, Chandigarh

(H.O.D.)

Dept. of Botany
 PGGCG-42, Chandigarh

POSTGRADUATE GOVERNMENT COLLEGE FOR GIRLS SECTOR 42
CHANDIGARH, 160036



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.

Dr. Manvi Malwal
7-06-2021

Dr. Manvi Malwal Verma
(Guide)
Dept. of Botany,
PGGCG-42, Chandigarh

(H.O.D.)
Dept. of Botany
PGGCG-42, Chandigarh

POSTGRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR 42 CHANDIGARH, 160036



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.

Dr. Manvi Malwal
7-06-2021

Dr. Manvi Malwal
(Guide)
Dept. of Botany
PGGCG-42
CHANDIGARH

(H.O.D.)
Dept. of Botany
PGGCG-42
CHANDIGARH

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



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.

Dr. Manvi Malwal
7-06-2021

Dr. Manvi Malwal (Guide)
Dept. of Botany
PGGCG-42
CHANDIGARH

HOD
Dept. Of Botany
PGGCG-42
CHANDIGARH

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

Dr. Manvi Malwal
7-06-2021

(Guide)
Dept. of Botany
PGGCG - 42
CHANDIGARHCHANDIGARH

(H.O.D)
Dept. of Botany
PGGCG - 42

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

(Guide)

Department of botany

PGGCG- 42

CHANDIGARH

H.O.D

Department of botany

PGGCG- 42

POST GRADUATE GOVERNMENT COLLEGE FOR
GIRLS SECTOR 42 CHANDIGARH,160036



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.

Dr. Manvi Malwal.

(Guide).

Dept. Of Botany.

PGGCG- 42, CHD

(H.O.D)

Dept.of Botany

PGGCG-42, CHD

CERTIFICATE OF COMPLETION

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

14th JUNE 2021


AADI GARG
Psychologist & Career Counsellor
Director, **AAI CAREER CENTRE**



CERTIFICATE OF COMPLETION

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

14th June 2021



AADI GARG
Psychologist & Career Counsellor
Director, **AAI CAREER CENTRE**



CERTIFICATE OF COMPLETION

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

14th June 2021


AADI GARG
Psychologist & Career Counsellor
Director, **AAI CAREER CENTRE**



CERTIFICATE OF COMPLETION

This certificate is presented to
NEETA RUCHAL THAKUR D/O SH. RAM BHADUR
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

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



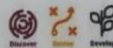
CERTIFICATE OF COMPLETION

This certificate is presented to
MEHAK D/O SH. VINAY 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

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to
SANDRA VARGHESE D/O SH. V.T. VARGHESE
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

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE





CERTIFICATE OF COMPLETION

This certificate is presented to
KOMAL D/O SH. SURINDER 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
AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to
NEHA SHARMA D/O SH. RAJINDER 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
AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to
MONIKA GIRI D/O SH. AVADESH GIRI
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
AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to

NAVJOT KAUR D/O SH. SAMPURAN 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,
Chandigarh.

14th June 2021

Aadi Garg

AADI GARG

Psychologist & Career Counsellor
Director, **AADI CAREER CENTRE**



CERTIFICATE OF COMPLETION

This certificate is presented to

SRISHTI BHAYANA D/O SH. ANIL BHAYANA

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

AADI GARG

Psychologist & Career Counsellor
Director, **AADI CAREER CENTRE**



CERTIFICATE OF COMPLETION

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,
Chandigarh.

14th June 2021

Aadi Garg

AADI GARG

Psychologist & Career Counsellor
Director, **AADI CAREER CENTRE**



CERTIFICATE OF COMPLETION

This certificate is presented to

SAPNA D/O SH. JASWANT 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, Chandigarh.

14th June 2021

Aadi Garg

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to

CHITRAKSHI UPPAL D/O SH. CHANDER MOHAN

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

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to

ASMITA DUGGAL D/O SH. UPENDER DUGGAL

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

AADI GARG
Psychologist & Career Counsellor
Director, AADI CAREER CENTRE



CERTIFICATE OF COMPLETION

This certificate is presented to
MUSKAAN SHARMA D/O SH. BALDEV BUSHÉHRI
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**



CERTIFICATE OF COMPLETION

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,
Chandigarh.

14th June 2021


AADI GARG
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**





Hash Logic Infotech Pvt. Ltd
Your Potential, Our Passion

INTERNSHIP CERTIFICATE

This is to certify that **Shivangi Chawla** of **Post Graduate Govt. College for Girls, sector – 42, Chandigarh** having university **roll no.73145** has undergone industrial training in **Python** from **March 2021** till date at our organization to fulfill the requirements for the award of degree of **MSc (IT)**. She worked on the project titled **Blood Bank Management System** under the supervision of **Ms. Shruti Wadhwa** and have submitted the same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for the future endeavors.


Hash Logic Infotech Pvt Ltd

Director

Regards,
Director
Hash Logic Infotech



Hash Logic Infotech Pvt. Ltd
Your Potential, Our Passion

TO WHOM IT MAY CONCERN


Subject: Confirmation Letter For Six Months Project Work in M.Sc I.T

Sir/Madam,

It is our pleasure to confirm that Ms. "**Sakshi**" of **Post Graduate Government College Sector-42, MSc.(IT)** branch, will work with our company as an "Industrial trainee" for six months commencing from last of **March 2021**.

We are assuring you of our best efforts in imparting training to your student. Please feel free to contact us in case of further details.

Thanks & Regards,


Hash Logic Infotech Pvt Ltd

Director

Director
Hash Logic Infotech



Hash Logic Infotech Pvt. Ltd
Your Potential, Our Passion

TO WHOM IT MAY CONCERN


Subject: Confirmation Letter For Six Months Project Work in M.Sc I.T

Sir/Madam,

It is our pleasure to confirm that Ms. "**Akanksha**" of **Post Graduate Government College Sector-42, MSc.(IT)** branch, will work with our company as an "Industrial trainee" for six months commencing from last of **March 2021**.

We are assuring you of our best efforts in imparting training to your student. Please feel free to contact us in case of further details.

Thanks & Regards,


Hash Logic Infotech Pvt Ltd

Director

Director
Hash Logic Infotech



Hash Logic Infotech Pvt. Ltd
Your Potential, Our Passion

INTERNSHIP CERTIFICATE

This is to certify that **Kiran** of **Post Graduate Govt. College for Girls, sector – 42, Chandigarh** having university **roll no. 73137** has undergone industrial training in **Python** from **March 2021** till date at our organization to fulfill the requirements for the award of degree of **MSc (IT)**. She worked on the project titled **Student Study Portal** under the supervision of **Ms. Shruti Wadhwa** and have submitted the same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for the future endeavors.


Hash Logic Infotech Pvt Ltd

Director

Regards,
Director
Hash Logic Infotech

Certificate



INFOWIZ
A SOFTWARE SOLUTION





H.O: SCO 118 - 120, Sector 34 - A, CHANDIGARH
B.O: First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. INFOWIZ/6M2021/3425

This is certified that Mr/ Ms. Taranjeet Kaur S/D/o. sh. Harjinder Singh
of P.G.G.C.G Sector, 42 has successfully undergone Training Course React Native
From March, 2021 to Till Now During the tenure of the above course, we found him/her
a hardworking & innovative individual.


We wish him/her a very bright and prosperous future


Technical Head




Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888



Society for Promotion of Information Technology, Chandigarh

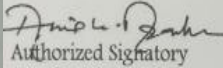
REF NO : **SPIC/2021/65592**

DATED : **29-06-2021**

TO WHOM IT MAY CONCERN

This is to certify that **Ms Manpreet Kaur** of Post Graduate College of Girls, Sector 42 , Chandigarh having university roll no 73138 has undergone industrial training in **Ionic Angular & Node Js** from 15th March 2021 till date at SPIC Centre of Excellence to fulfill the requirement for the award of degree **MSC IT**. She worked on project titled **"Zing Matrimonial App"** in **Ionic Angular Technology** as front end and **MY SQL** as back end and submitted same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for her future endeavors.


 Authorized Signatory
 SPIC

CERTIFICATE



INFOWIZ
A SOFTWARE SOLUTION





H.O: SCO 118 - 120, Sector 34 - A, CHANDIGARH
B.O: First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. INFOWIZ/6M2021/1189

This is certified that Mr/ Ms. Mehakdeep Kaur S/D/o. sh. Gurvinder Slagh
of P.G.G.C.G Sector, 42 has successfully undergone Training Course Crime File (Python)
From March, 2021 to Till Now During the tenure of the above course, we found him/her
a hardworking & innovative individual.

We wish him/her a very bright and prosperous future


Technical Head




Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888





Hash Logic Infotech Pvt. Ltd

Your Potential, Our Passion

INTERNSHIP CERTIFICATE

This is to certify that **Mansi** of Post Graduate Govt. College for Girls, sector – 42, Chandigarh having university roll no.73139 has undergone industrial training in **Python** from March 2021 till date at our organization to fulfill the requirements for the award of degree of **MSc (IT)**. She worked on the project titled **E-Commerce (Kids Shop)** under the supervision of **Ms. Shruti Wadhwa** and have submitted the same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for the future endeavors.


 Hash Logic Infotech Pvt Ltd
 Director

Regards,
 Director
 Hash Logic Infotech

INFOWIZ
A SOFTWARE SOLUTION

H.O: SCO 118 - 120, Sector 34 - A, CHANDIGARH
B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. INFOWIZ/6M2021/1188

This is certified that Mr/ Ms. Jaspreet Sharma S/D/o. sh. Darshan Kumar
of P.G.G.C.G Sector, 42 has successfully undergone Training Course Weather App (React)
From March, 2021 to Till Now During the tenure of the above course, we found him/her
a hardworking & innovative individual.

We wish him/her a very bright and prosperous future

  
Technical Head Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888

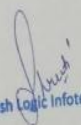


HASH LOGIC
Hash Logic Infotech Pvt. Ltd
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INTERNSHIP CERTIFICATE

This is to certify that Neetu of Post Graduate Govt. College for Girls, sector - 42, Chandigarh having university roll no. 73141 has undergone industrial training in Python from March 2021 till date at our organization to fulfill the requirements for the award of degree of MSc (IT). She worked on the project titled E-Commerce (Grocery E-Shop) under the supervision of Ms. Shruti Wadhwa and have submitted the same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for the future endeavors.


Hash Logic Infotech Pvt Ltd
Director

Regards,
Director
Hash Logic Infotech


Certificate

HASH LOGIC
Hash Logic Infotech Pvt. Ltd
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INTERNSHIP CERTIFICATE

This is to certify that Shivani Negi of Post Graduate Govt. College for Girls, sector - 42, Chandigarh having university roll no. 73146 has undergone industrial training in Python from March 2021 till date at our organization to fulfill the requirements for the award of degree of MSc (IT). She worked on the project titled Blogger's Zone under the supervision of Ms. Shruti Wadhwa and have submitted the same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for the future endeavors.


Hash Logic Infotech Pvt Ltd
Director

Regards,
Director
Hash Logic Infotech

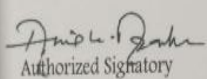
SPIC
Society for Promotion of
Information Technology, Chandigarh

REF NO : SPIC/2021/65593
DATED : 29-06-2021

TO WHOM IT MAY CONCERN

This is to certify that Ms Ritu Chawla of Post Graduate College of Girls, Sector 42, Chandigarh having university roll no 73142 has undergone industrial training in Ionic Angular & Node Js from 15th March 2021 till date at SPIC Centre of Excellence to fulfill the requirement for the award of degree MSC IT. She worked on project titled "Dr. Booking Appointment App" in Ionic Angular Technology as front end and MY SQL as back end and submitted same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for her future endeavors.


Authorized Signatory
SPIC

CERTIFICATE

5782021

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CII ISO 9001 9 YEAR OF EXCELLENCE

H.O. SCO 118 - 120, Sector 34 - A, CHANDIGARH
R.D. First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. INFOWIZ/6M2021/1190

This is certified that Mr. Ms. Rupa Kambaj S/D/o. sh. Sohan Lal Kambaj
of P.G.C.C.G Sector, 42 has successfully undergone Training Course Tour & Travel (Pnp)
From March, 2021 to Till Now During the tenure of the above course, we found him/her
a hardworking & innovative individual.

We wish him/her a very bright and prosperous future

Technical Head Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888

INFOWIZ
S.G.O.118-120, Sector 34-A, CHANDIGARH
9172 - 4567888, 98885-00888, 98886-00888



Society for Promotion of Information Technology, Chandigarh

REF NO : SPIC/2021/65591

DATED : 29-06-2021

TO WHOM IT MAY CONCERN

This is to certify that Ms Harpreet Kaur of Post Graduate College of Girls, Sector 42 , Chandigarh having university roll no 73134 has undergone industrial training in Ionic Angular & Node Js from 15th March 2021 till date at SPIC Centre of Excellence to fulfill the requirement for the award of degree MSC IT. She worked on project titled "School Management App" in Ionic Angular Technology as front end and MY SQL as back end and submitted same to the college.

During her training with us, we found her sincere and hardworking. We wish her good luck for her future endeavours.

[Signature]
Authorized Signatory

SPIC

CERTIFICATE

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H.O. SCO 118 - 120, Sector 34 - A, CHANDIGARH
R.O. First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. INFOWIZ/6M2021/1192

This is certified that Mr/ Ms. Gurkirat Kaur S/D/o. sh. Trilok Singh
of P.G.C.C.G Sector, 42 has successfully undergone Training Course Shopping Web (PEP)
From March, 2021 to Till Now During the tenure of the above course, we found him/her
a hardworking & innovative individual.

We wish him/her a very bright and prosperous future

Technical Head Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888



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TO WHOM IT MAY CONCERN

Subject: Confirmation Letter For Six Months Project Work in M.Sc I.T

Sir/Madam,

It is our pleasure to confirm that Ms. "Jashanpreet kaur" of Post Graduate Government College Sector-42, MSc.(IT) branch, will work with our company as an "Industrial trainee" for six months commencing from last of March 2021.

We are assuring you of our best efforts in imparting training to your student. Please feel free to contact us in case of further details.

Thanks & Regards,

[Signature]
Hash Logic Infotech Pvt Ltd

Director

Director

Hash Logic Infotech



CERTIFICATE

Certificate of Training



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B.O. First Floor, Crown Tower, 100 Ft. Road, BATHINDA
Web: www.infowiz.co.in E-mail: info@infowiz.co.in

Certificate

No. **INFOWIZ/AM/2021/1193**

This is certified that **Ms. Harpreet Kaur** #/D/o. sh. **Yashpal Singh**
of **P.G.C.G Sector, 42** has successfully undergone Training Course **Netfix App (Reset)**
From **March, 2021** to **Till Now** During the tenure of the above course, we found him/her
a **hardworking & innovative individual.**

We wish him/her a very bright and prosperous future


Technical Head





Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888 Bathinda : 0164 5007088, 90235 00888, 90236 00888



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



CERTIFICATE

This is to certify that the review article entitled "ENZYMES IN NON - AQUEOUS SOLVENTS" was conducted and completed by DEEKSHA KUMARI 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. Rachana Rana
(Assistant Professor)
Post Graduate Government
College for Girls, Sector - 42
Chandigarh (UT)

Head of Department

Prof. Deepika Kansal
Post Graduate Government
College for Girls,
Sector - 42
Chandigarh (UT)

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



CERTIFICATE

This is to certify that the dissertation entitled "APPLICATIONS OF BACTERIOCINS PRODUCED BY PROBIOTICS" was conducted and completed by Gunjan Jaiswal (PUPIN-18213001150) 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. Rachana Rana
(Assistant Professor)
Post Graduate Government
College for Girls, Sector - 42,
Chandigarh (UT) .

Head of Department


Prof. Deepika Kansal
Post Graduate Government
College for Girls,
Sector- 42,
Chandigarh (UT).

**BIOCHEMICAL ANALYSIS FOR PHYTOCHEMICAL
CONSTITUENT AND EFFECT OF TEMPERATURE STRESS ON
OCIMUM SCANTUM AND HYPTIS SUAVEOLENS – a review
literatures**

(For Partial Fulfilment of M.Sc. Microbial Biotechnology)

Submitted To

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



Submitted To -

Dr. Ruchi Sharma
Head of Department

Submitted by -

Jyoti
Dept. of Microbial
Biotechnology

Session 2020 – 21

A
DISSERTATION REPORT
ON
Phosphate-Solubilizing Fungi and Their Role in
Sustainable Agriculture

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE DEGREE OF
MASTER OF SCIENCE
IN
MICROBIAL BIOTEHNOLOGY



Post Graduate Govt. college for Girls-42, Chandigarh
(Punjab University, Chandigarh)
Session 2020-2021

Submitted by: NIKITA TANWAR

A DISSERTATION REPORT ON

ROLE OF INTEGRONS IN MICROBIAL DRUG
RESISTANCE

(For Partial Fulfillment 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)

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
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)
Post Graduate Government
College for Girls, Sector-42
Chandigarh (UT)

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



CERTIFICATE

This is to certify that the dissertation entitled "**VACCINATION AGAINST SARS-CoV-2**" was conducted and completed by Vaishnavi Sharma 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)
Post Graduate Government
College for Girls, Sector-42
Chandigarh (UT)

DEPARTMENT OF MICROBIAL BIOTECHNOLOGY
POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-42, CHANDIGARH- 160036



CERTIFICATE

This is to certify that the dissertation entitled "**Study of genital tuberculosis among north-Indian infertile females**" was conducted and completed by Yamini (PUPIN18219002265) under the supervision of Dr. Pulakesh Purkait (Founder of Origin LIFE) 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.


Signature of Supervisor
Dr. Pulakesh Purkait
Founder, Origin Life

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 Monika Sehgal
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 Paramjit Kaur
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 Guriinder Singh
23	204428/20	CHARU GAUR	Loans and scheme and customer satisfaction of Union Bank of India	Mr Guriinder Singh
24	204429/20	HARSHDEEP	Marketing mix strategy, company:Hero motocorp	Mr Guriinder Singh
25	204430/20	SHAILJA	comparative analysis of products and services of axis bank	Mr Guriinder 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 Guriinder Singh
27	204433/20	HITESH	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

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Meet

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Chats

Meet

Join a meeting

Join a meeting

Hangouts

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Dear Prof. Goutamji Arora,

I am happy to inform you that the following student(s) from Post Graduate Government College For Girls, Chandigarh have been listed for an Internship listed on Internshala, since last week.

List of the selected student(s):

Student Name	Email address	Graduation Year	Company Name	Stipend
Ananya Nair	ananyanair19@gmail.com	2019	Microsoft Technology Center	INR 6000 (month) + bonuses
Wafa Ghani	wafaghani@gmail.com	2021	Shree Projects	INR 6000 (month)

View the overall reports on hired or registered students from your college by logging into your student activity dashboard here - https://internshala.com/colleges/Post_Govt_College_for_Girls_Chandigarh/colleges/colleges_dashboard

Look forward to helping more students find meaningful internships.

Regards,

Sansay Bhattacharjee

Manager - University Relations

Phone - +91 - 80292 94227

[Internshala](https://internshala.com/) - Internship partner of AICTE.

--- Forwarded Message ---

From: Internshala University Relations <university.relations@internshala.com>

To: "goutamj@vsnl.com" <goutamj@vsnl.com>

Sent: Monday, December 20, 2020, 11:27:25 AM (GMT+05:30)

Subject: Internship Selection Update (2 Students) Hired From Your College Last Week

Dear Prof. Goutamji Arora,

I am happy to inform you that the following student(s) from Post Graduate Government College For Girls, Chandigarh have been listed for an Internship listed on Internshala, since last week.

List of the selected student(s):

Student Name	Email address	Graduation Year	Company Name	Stipend
Shweta Arora	shweta2056@gmail.com	2016	Trans Events	Performance Based
Tanya Tripathi	tanyatripathi@gmail.com	2018	MultiScribe Foundation	INR 6000-18000 (lump sum)

View the overall reports on hired or registered students from your college by logging into your student activity dashboard here - https://internshala.com/colleges/Post_Govt_College_for_Girls_Chandigarh/colleges/colleges_dashboard

Look forward to helping more students find meaningful internships.

Regards,

Sansay Bhattacharjee

Manager - University Relations

Phone - +91 - 80292 94227

[Internshala](https://internshala.com/) - Internship partner of AICTE.

--- Forwarded Message ---

From: Internshala University Relations <university.relations@internshala.com>

To: "goutamj@vsnl.com" <goutamj@vsnl.com>

Sent: Monday, February 8, 2021, 11:24:09 AM (GMT+5:30)

Subject: Internship Selection Update (1 Student) Hired From Your College Last Week

Dear Prof. Goutamji Arora,

I am happy to inform you that the following student(s) from Post Graduate Government College For Girls, Chandigarh have been listed for an internship listed on Internshala, since last week.

List of the selected student(s):

Student Name	Email address	Graduation Year	Company Name	Stipend
Nandini Tripathi	nandinitripathi200@gmail.com	2020	Youth Empowerment Foundation	Performance Based

View the overall reports on hired or registered students from your college by logging into your student activity dashboard here - https://internshala.com/colleges/Post_Govt_College_for_Girls_Chandigarh/colleges/colleges_dashboard

Look forward to helping more students find meaningful internships.

Regards,

Sansay Bhattacharjee

Manager - University Relations

Phone - +91 - 80292 94227

[Internshala](https://internshala.com/) - Internship partner of AICTE.