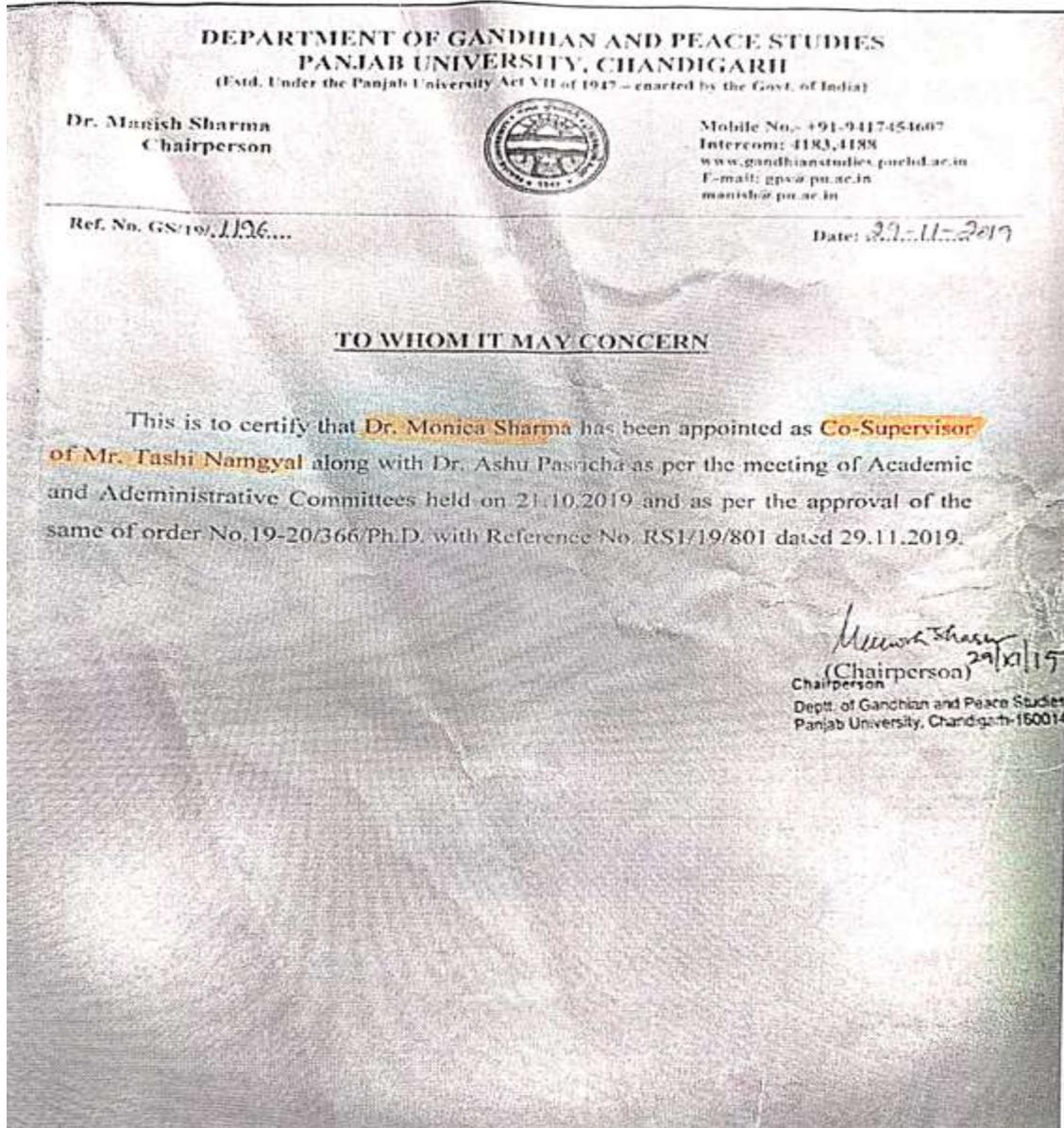
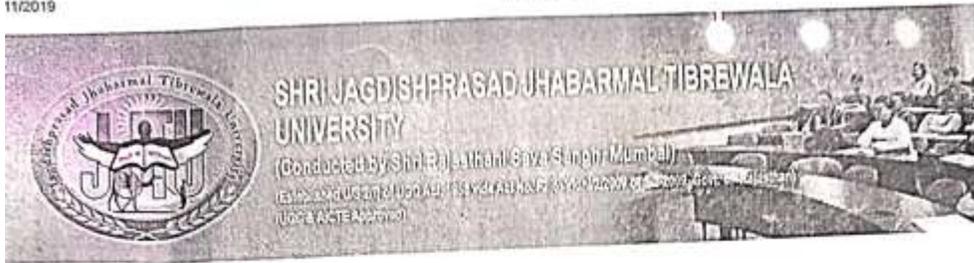


# 2022-2023





Ref: JJTU/R&amp;D/GRI/5431

Date : 27/09/2019

To,

Dr. Monica Sharma  
 Dr. Monica Sharma Director  
 Gandhian Studies Center KmV  
 College Jalandhar, District-  
 Jalandhar, State- Punjab,  
 Pin-144004

Subject: Approval of Co-Guide/Co-Supervisor for Ph.D. Programme.

Dear Sir/Madam,

With reference to your application for registration as Co-Guide/ Co-Supervisor in the subject History, I am pleased to inform that you have been approved by Department Research Committee as a registered Co-Guide/ Co-Supervisor in the Subject of History.

The detail of your registration is mentioned below:-

Reg. No	Name Of Co-Guide.
JJT/K9/SSH/1684	Dr. Monica Sharma

Kindly send the acknowledgement of the same. Thanking and assuring you best of your services.

Regards

Registrar/Registrar



**Main Office :**  
 Vidya Nagari, Jhunjhunu-Churu Road, Chudela,  
 Dist. Jhunjhunu- 333001, Rajasthan  
 Tel.: 8104883405, 8104883413  
 E-mail: srss1986@gmail.com Website : www.jjtu.ac.in

**Mumbai Office :**  
 C/o Shri Rajasthani Seva Sangh, J.B Nagar, Andheri (E),  
 Mumbai-400059. (MAH)  
 Tel.: 9323973505/9819695239 Fax: +91-22-28224926  
 E-mail: srss1986@yahoo.co.in/ srss1986@gmail.com  
 Website : www.jjtu.ac.in

rovisional.php?action=view

[Gmail - Free Stora...](#) [WallpapersWide.co...](#) [★ Pisces Horoscope:...](#) [YouTube](#) [Agglomera](#)



**Dr. Anirudh P. Singh**

Dean,  
Deptt. of Research & Development

INDER KUMAR GUJRAL  
**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY  
ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਕਪੂਰਥਲਾ

Ref. No PTU/RIIC/Ph.D/1511006/1461

Dated 06.10.17

Dr Manish Aggarwal  
A.P.,  
LKCF, Jalandhar  
Subject: Registration for Ph.D Degree.

Dear Dr Manish Aggarwal,

This is in reference to the research proposal submitted by Mr/Ms. **NEHA VERMA**, Regd. No. **1511006** regarding registration for Ph.D degree under your supervision. On the basis of his Ph.D synopsis presentation and approval by the RDC, the candidate has been registered for Ph.D degree with the Punjab Technical University in the Faculty of Applied Sciences, and shall be governed by the Ph.D regulations of the University. On the basis of his Ph.D. synopsis presentation before RDC he/she is now registered with University with following details:-

<b>Thesis Topic</b>	Synthesis of Nanostructured ZnO and its Applications for Gas Sensing and Photodegradation of Dyes
<b>Registration No</b>	1511006
<b>Co-Supervisor Name</b>	Dr. Sonik Bhatia - EXP0247
<b>Date of presentation</b>	04.10.2017
<b>Date of Enrollment</b>	26.08.2015
<b>RDC comments (For Incorporation in further research work)</b>	
<b>Recommendation</b>	
<b>Objectives</b>	
<b>Suggestions</b>	

The candidate should quote his/her registration number in future correspondence with the university. Further, as per the PTU's Ph.D regulations 2010 the candidate shall be required to submit a pre-thesis abstract to the University. The confirmation of registration for Ph.D is subject to incorporation of comments/suggestions (if any) of experts in further research work.

Yours truly,  
(Anirudh P.Singh)

Dean (RDC)

CC:- I. Mr/Ms. NEHA VERMA

**NOTE : This is a computer generated printout and no signature is required. Please use the reference number generated on this letter for future conversations.**  
"Developing Youth for a Prosperous Knowledge Society"

ਇੰਦਰ ਕੁਮਾਰ ਗੁਜਰਾਲ, ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜੰਗਲ-ਕਪੂਰਥਲਾ ਹਾਈਵੇ, ਕਪੂਰਥਲਾ 144601  
Inder Kumar Gujral, Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala (India)  
Phone: +91-1822-662668, 662672 Fax: 01822-266604 Website: www.ptu.ac.in  
E-mail: deanriic@ptu.ac.in, deanriic@ptu.ac.in

Back

Print

---

**Allotment of Co-Supervisor**

Seema Bhalla <ric.app.sci@ptu.ac.in> to  
you & others

Fri, 27 May 2016 14:33:34 GMT+0530

Dear *Saloni Sharma, Regd. No.1511003,*

This is to inform you that your request for allotment of *Dr. Sangeeta Sharma, AP, KMV Jalandhar* as your co-guide has been approved by the competent authority. You may precede your research work under him /her.

With best wishes.

**Senior Assistant  
DEPARTMENT OF RESEARCH  
INNOVATION & CONSULTANCY  
I K GUJRAL PUNJAB TECHNICAL  
UNIVERSITY  
JALANDHAR-KAPURTHALA  
HIGHWAY  
KAPURTHALA  
99157-92799, 94780-98142**

27/11/2021 12:12



ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ  
PUNJAB TECHNICAL UNIVERSITY JALANDHAR  
ਡੀਨ ਅਕਾਦਮਿਕ ਦਫਤਰ  
OFFICE OF DEAN (ACADEMICS)

Ref. No. PTU/DA/Ph.D/230/16/3585-87.

Dated 22/6/2011

Dr.N.P.Singh,  
Dean DEP,  
PTU, Jalandhar

Subject: Registration for Ph. D Degree.

Dear Sir,

This in reference to the proposal submitted by **Ms Neetu Chopra**, regarding registration for Ph.D degree under your supervision. We are pleased to inform you that the said candidate has been registered for Ph.D. degree with the University in the **Faculty of Applied Sciences** and shall be governed by the academic regulations of the University. On the basis of his Ph.D. presentation he is now registered with our University as per the details given below:

Thesis topic:- "Effect of Gamma Irradiation on Optical and Structural properties of Alkali Borate Glasses"

Registration No. : 08.06.08  
Dated : 19.10.08

The candidate is advised to quote his registration no. When correspond with the University. Further, as per the modified regulations for the Ph.D. degree, the candidate shall be required to submit an Abstract to the Ph.D. committee. You are also requested to submit the abstract and a list of external experts (minimum six) to evaluate the abstract

Yours truly,

*S.S. Jhal*  
22/6/11

Dean (Academic)

Copy to:

- Dr.Gopi Sharma, Deptt. Of Physics, KMV, Jalandhar (Co-Guide)
- ✓ Ms Neetu Chopra, KMV, Jalandhar

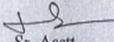
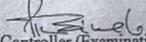
Punjab Technical University Jalandhar

Kapurthala Campus : Jalandhar-Kapurthala Highway, Post Bag No. 01, Kapurthala. Ph: 01822-662562, 255510, 255540 Fax : 01822-662573  
website : www.ptu.ac.in E-Mail : deanacad.ptu@gmail.com, deanacad\_ptu@yahoo.com, deanacad@ptu.ac.in

03/12/2021 09:18

07	PUP(PH.D)2009-300	VANDANA SATISH KUMAR ANITA	PHYSICS	PREPARATION OF TRANSITION METAL BASED BORATE GLASSES AND THEIR OPTICAL AND STRUCTURAL CHARACTERIZATION	PHYSICS	DR. GURMEL SINGH, PROFESSOR, DEPTT. OF PHYSICS, PBI UNI, PATIALA CO-SUPERVISOR DR. GOPISHARMA, KANYA MAHA VIDYALAYA, JALANDHAR.	H.NO. 101 79/5, PLOT NO 18 FREET NAGAR, TRIPURI ROAD, PATIALA-147001	PUNJAB
08	MG(TS)-98-36	MANISH GOGNA HARMESH CHAND GOGNA KAPIL KANTA	MATHEMATICS	THE GEOMETRY OF CR-LIGHTLIKE SUBMANIFOLDS	MATHEMATICS	DR. R.K. NAGAICH, PROFESSOR, DEPTT. OF MATHEMATICS, PBI UNI, PATIALA CO-SUPERVISOR DR. RAKESH KUMAR, UNI. COLLEGE OF ENGG., PBI UNI, PATIALA.	HARMESH CHAND GOGNA, GALI NO.2, NEW GAUSHALA ROAD, SANT NAGAR, MANDI GOBINDGARH-147301.	PUNJAB

A  
16/07/2013

 Sr. Asstt.
  Sr. Asstt.
  O.S.E.
  A.R. /D.R. (Examination)
  Controller (Examination)

*the above is forwarded to:*

THE EDITOR, CSIR, DIRECTORATE, OLD MILL ROAD, NEW DELHI.  
 THE REGISTRARS OF ALL THE INDIAN UNIVERSITIES.  
 THE SECRETARY, UGC, RAFI MARG, NEW DELHI.  
 THE SECRETARY, ASSOCIATION OF INDIAN UNIVERSITIES, AIU HOUSE, 16, COMRADE INDRAJIT GUPTA MARG (KOTLAMARG), NEW DELHI-110002.  
 THE DIRECTOR, DIRECTORATE OF SOCIAL SCIENCES DOCUMENTATION CENTRE, 36, ICS SR, FERROZESHAH ROAD, NEW DELHI.  
 THE HEAD OF DEPARTMENT, PUNJABI UNIVERSITY, PATIALA- 147002.  
 SUPERVISOR/CO-SUPERVISOR OF THE CANDIDATE  
 THE SUPERINTENDENT, SECRECY, RESEARCH THESIS EVALUATION CELL AND PMU CELL PUNJABI UNIVERSITY, PATIALA.  
 THE CHIEF LIBRARIAN, PUNJABI UNIVERSITY, PATIALA.

LA  
16/07/2013

  
SUPERINTENDENT (EXAMINATION)

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY,  
JALANDHAR**

**NOTIFICATION**

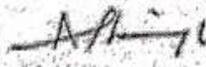
Endst. No. IKGPTU/Ph.D/RIC/3147

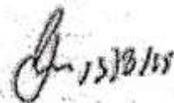
Dated: 13/08/2015

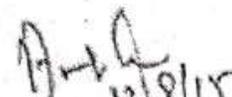
**Result Notification: IKGPTU/2015/190 for the Ph.D. Examination 2015.**

In consequent to having fulfilled the required criteria and on recommendation of the Academic Council, the Board of Governors, PTU has approved award of degree of Doctor of Philosophy (Ph.D.) to the student of this University in Faculty of *Applied Science*.

Regd. No.	Name	Father's Name	Branch	Year of Enrolment	Name & Address of the Research Supervisor
1111017	Ruchika Bagga	Harjinder Bagga	Physics	2011	Dr. R.K. Bedi Professor, Sanyam Institute of Engg. & Tech., Amritsar.
Title of the Thesis: <b>RARE EARTH DOPED GLASSES AND GLASS CERAMICS: OPTICAL &amp; PHYSICAL CHARACTERIZATION</b>				Date of Viva-voce 15-01-15	Dr. Gopi Sharma Professor Kanya Maha Vidyalaya Jalandhar Dr. Mauro Falconieri ENEA C. R. Casaccia Rome, Italy.

  
Dean (RIC)

  
Controller of Examination

  
Registrar



**Dr. Anirudh P. Singh**  
Dean  
Research, Innovation & Consultancy

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY  
ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

Ref. No. IKGPTU/Ph.D/1311007/394

Dated Aug-03, 2017

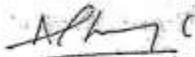
TO WHOM IT MAY CONCERN

This is certified that Ms. Nancy was registered for Ph.D degree with this university in the discipline of Applied Sciences- Physics.

Ms. Nancy conducted her research work on the following topic:-

Research Topic	NANOCRYSTALLINE PHASE OF OXYFLUORIDE GLASS AS SCINTILLATOR APPLICATION
Registration Number	1311007
Registration Date	22.10.2012
Name of Supervisor	Dr. N P Singh, Dean, IKGPTU, Jalandhar
Name of Co-supervisor	Dr. Gopi Sharma, Dean International Relations, KMV, Jalandhar

Ms. Nancy submitted her Ph.D thesis on 28.04.17. The same was evaluated by experts. She successfully gave her viva-voce on 28.07.2017. Subsequently, the committee recommended to award the provisional Ph.D degree to Ms. Nancy. The final degree will be awarded after the approval of Academic Council and Board of Governors, IKGPTU.

  
Dean (R&D) 07/08/17.

*"Developing Youth for a prosperous Knowledge Society"*

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ-ਕਪੂਰਥਲਾ ਰਾਸ਼ਮਾਰਗ, ਕਪੂਰਥਲਾ 144603  
Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala (India)  
Phone : +91-1822-662558, 662572 Fax : 01822-255504 Website : www.ptu.ac.in,  
E-mail : deanricptu@gmail.com, deanric@ptu.ac.in

**THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY: PATIALA**  
(Deemed to be University)

Ref.No.AS/2539/6/RN/PhD/2020/901612017/56474-B  
Dated: 18.09.2020

**RESULT NOTIFICATION**

Under the provision of Clause 5 & 6 of the Ph.D Regulations relating to the degree of Doctor of Philosophy, the Doctoral Committee under the Chairpersonship of Dean, Research & Sponsored Projects considered the reports of the examiners including that of viva-voce along with gist of the reports prepared by the Doctoral Committee for the award of degree of Doctor of Philosophy as under:-

Sr No	Name	Father's Name	Regn. No.	Deptt./ School	Name of the Supervisor(s)	Topic	Date of Viva-Voce
1	Ms. Shivani	Sh. Ashwani Kumar	901612017	School of Physics & Materials Science	Dr. O.P. Pandey & Dr. Gopi Sharma	Linear and Non-Linear Optical Properties of Nanoparticles Dispersed Novel Glasses	14.08.2020

Accordingly, Ms. Shivani has become eligible for the award of degree of Doctor of Philosophy and her result is being notified as decided by the Chairman Senate.

The thesis has been uploaded on dSpace and assigned handle No.<http://hdl.handle.net/10266/6002> dated 20.08.2020.

  
REGISTRAR

CC:

1. Director
2. Deputy Director
3. Deans
4. Controller of Examination
5. All Heads of Departments/Schools
6. Librarian
7. Finance Officer
8. Deputy Registrar (PS)
9. Alumni Relation Office
10. Dr. O.P. Pandey through HSPMS
11. Dr. Gopi Sharma through HSPMS
12. Ms. Shivani through HSPMS
13. Association of Indian Universities, AIU House, 16 Comrade Inderjit Gupt Marg (Kotla Marg), New Delhi
14. Secretary, ISTE, New Maharauli Road, New Delhi-110 016
15. Personal File of the Student.
16. The Director, Information and Library Network Centre  
An Inter University Centre of University Grants Commission  
INFOCITY, GANDHINAGAR – 382 007
17. Shri Sanjiv Guleria

**Dr. Anirudh P. Singh**

Dean  
Research & Development



**PTU**

ਆਈ. ਟੀ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No.1 of 1997)

Ref. No. IKGPTU/R&D/761

Dated 23/10/18

TO WHOM IT MAY CONCERN

This is certified that Mr./Ms. **Kirandeep Kaur**, was registered for Ph.D degree with this university in the discipline of Applied Sciences- **Physics**.

Mr./Ms. Kirandeep Kaur conducted research work on the following topic:

Research Topic	MEASUREMENT OF AIR, SOIL AND WATER POLLUTION USING RADIATION TECHNIQUES
Registration Number	1111019
Registration Date	Dec. 30, 2011
Name of Supervisor	(Administrative Guide) Dr. Amit Sarin, , Associate Professor cum Head, I.K Gujral Punjab Technical University, Kapurthala
Name of Co-supervisors	Dr. H.S. Sahota; Dean- Research & Development, Asra Group of Institutions, Sangrur; Dr. Manmohan Singh. Assistant Professor, KMV College. Jalandhar

Mr./Ms. Kirandeep Kaur submitted his/her Ph.D thesis on 18.10.2017. The same was evaluated by experts. He/She successfully gave his/her viva-voce on Aug. 23, 2018. Subsequently the committee recommended to award the provisional Ph.D degree to Mr./Ms. Kirandeep Kaur. The final degree will be awarded after the approval of Academic Council and Board of Governors, IKG PTU.

Dean (R&D)

*"Developing Youth for a prosperous Knowledge Society"*

ਆਈ. ਟੀ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ



**Dr. Anirudh P. Singh**  
Dean  
Research, Innovation & Consultancy

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY  
ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

Ref No IKGPTU/Ph.D/1311025/284

Dated 31/05/2017

TO WHOM IT MAY CONCERN

This is certified that Mr. Kulwinder Singh Mann was registered for Ph.D degree with this university in the discipline of Applied Sciences-Physics.

Mr. Kulwinder Singh Mann conducted his research work on the following topic:-

Research Topic	<i>INVESTIGATION OF GAMMA-RAY SHIELDING BEHAVIOURS OF SOME LOW-Z ENGINEERING MATERIALS</i>
Registration Number	<i>1311025</i>
Registration Date	<i>01.08.2013</i>
Name of Supervisor	<i>Dr. Asha Rani, Associate Professor, FCET, Ferozshah, Ferozpur</i>
Name of Co-supervisor	<i>Dr. Manmohan Singh, Assistant Professor, KMV College, Jalandhar</i>

Mr. Kulwinder Singh Mann submitted his Ph.D thesis on 02.02.17. The same was evaluated by experts. He successfully gave his viva-voce on 23.05.2017. Subsequently, the committee recommended to award the provisional Ph.D degree to Mr. Kulwinder Singh Mann. The final degree will be awarded after the approval of Academic Council and Board of Governors, IKGPTU.

*A.P.Singh*

Dean (R&D)

11/29/21, 12:33 PM

Gmail - URB meeting on 4.9.17 at 12.30 pm



Sandeep Kaur <koursandeep0181@gmail.com>

## URB meeting on 4.9.17 at 12.30 pm

1 message

Fri, Sep 1, 2017 at 4:39 PM  
H SPMS <hspms@thapar.edu>  
To: dorsp d <dorsp@thapar.edu>, M Sharma <msharma@thapar.edu>, ku singh <kusingh@thapar.edu>, h bhunia <hbhunias@thapar.edu>, "O.P. Pandey" <oppandey@thapar.edu>, neetuverma75@yahoo.co.in, Ar A <ar\_a@thapar.edu>, dr\_a d <dr\_a@thapar.edu>, Sandeep Kaur <koursandeep0181@gmail.com>

**THAPAR UNIVERSITY, PATIALA,**  
(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)  
**School of Physics & Materials Science**

Ref.No. SPMS/Ph.D./  
September 1,

2017

### CIRCULAR

The meeting of the University Research Board in respect of **Ms. Sandeep Kaur, 901612023, Ph.D. student in the School of Physics and Materials Science** will be held on September 4, 2017 at 12.30 PM in the Seminar Room of SPMS.

The candidate will present her Research Proposal in the School of Physics & Materials Science.

All the members of the University Research Board are requested to make it convenient to attend the meeting.

All the faculty members are also cordially invited to attend the same.

<https://mail.google.com/mail/u/1/?ik=dbce957177&view=pt&search=all&permthid=thread-F%3A1577335351092104946&siml=msg-F%3A1577335351092104946> 03/12/2021 09:24

11/29/21, 12:33 PM

Gmail - URB meeting on 4.9.17 at 12.30 pm

### HSPMS

CC: Alongwith copy of the proposal is forwarded to:

1. Dean, Research & Sponsored Projects
2. Chairman, Board of Studies, School of Physics & Materials Science
3. Dr. Kulvir Singh, Nominee from the Department
4. Dr. H. Bhunia, DoRSP's Nominee in the Cognate Area
5. Dr. O.P. Pandey, Supervisor
6. Dr. Neetu Chopra, Assistant Professor, Kanya Maha Vidyalaya, Jalandhar, Supervisor
6. Deputy Registrar (Academic)
7. Ms. Sandeep Kaur

Dr. Manoj K. Sharma  
Professor & Head  
School of Physics & Materials Science  
Thapar University, Patiala (Pb).

Sandeep -901612023.pdf  
560K

03/12/2021 09:24

<https://mail.google.com/mail/u/1/?ik=dbce957177&view=pt&search=all&permthid=thread-F%3A1577335351092104946&siml=msg-F%3A1577335351092104946> 2/2

Sl. No. 8  
Code No. CRT205

LPU/DE/DOR/EC/22027/0001/P205-T/21/0003

Date: 27-Aug-22

**TO WHOM SO EVER IT MAY CONCERN**

Name of the Student Ms. Shreya Mahajan  
 Daughter of Mr. Harsh Chander  
 Registration No. 42100222  
 Name of the Programme Doctor of Philosophy (Mathematics)  
 Batch 2021

Lovely Faculty of Technology & Sciences

This is to certify that Ms. Shreya Mahajan is a registered research scholar at this university and conducting her research under supervision of Dr. Deepak Kumar, Associate Professor, Lovely Professional University and co-supervision of Dr. Natcha Sharma, Assistant Professor, Kanya Maha Vidyalaya, Jalandhar.

To carry out his research work, she is expected to visit your esteemed institution/ organization for data collection and use academic resources as per research requirements under rules and regulations of your institution/organization and country.

*(Signature)*  
**Assistant Registrar (Records)**  
 Assistant Registrar (Records)  
 Lovely Professional University

*(Signature)*  
 Issued by

*(Signature)*  
 Verified by

*(Signature)*  
 Checked by

**Disclaimer:** This certificate is issued on the basis of information available in the office of records on the date of its issue and the University reserves the right to interchange any information contained herein without notice further the University expressly disclaims all obligations to confirm the accuracy of any of the details in this certificate based upon information submitted by the candidate.



*Water*

# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), Sarmaapur-144 012, Jalandhar, Punjab, INDIA  
Tel.: 91-181-2708841, Email: dean.academics@davuniversity.org  
www.davuniversity.org



DAVU/2023/DA/S95

Dated: 15/05/2023

## TO WHOM IT MAY CONCERN

This is to certify that Dr. Pardeep Kumar Arora working as Associate Professor in the Department of Computer Science and Applications in Kanya Maha Vidyalaya, Jalandhar. He is acting as co-supervisor of Ph.D. student Ms. Pooja Mahendru (12300001) in the Department of Computer Science and Applications at DAV University, Jalandhar.

*[Handwritten Signature]*

Dean (Sciences & Engineering)  
DAV University Jalandhar

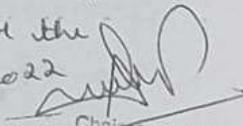
Chairperson,  
UIFT and VD  
Panjab University  
Chandigarh.

Subject: Joining Letter.

Respected Madam,

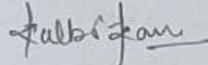
I, Kulbir Kaur have joined  
the University Institute of Fashion Technology,  
Panjab University as TRF candidate for the  
PhD program on 13<sup>th</sup> December 2023, 2022

under the guidance of Dr. Rita Kant  
(Supervisor) and Dr. Harpreet Kaur  
(Co-supervisor).

  
Chairperson  
University Institute of Fashion Technology  
and Vocational Development  
Panjab University, Chandigarh

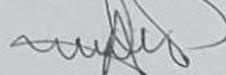
Thankyou

Yours Sincerely.

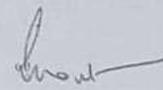


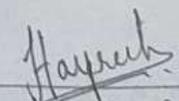
Kulbir Kaur.

Allowed



Chairperson  
University Institute of Fashion Technology  
and Vocational Development  
Panjab University, Chandigarh

  
(Supervisor)  
Dr. Rita Kant

  
(Co-supervisor)  
Dr. Harpreet Kaur.

PANJAB UNIVERSITY CHANDIGARH

6/F7  
17/1/2023

From  
Assistant Registrar (R&S)  
Panjab University  
Chandigarh 160014

To  
Mr./Ms. KULBIR KAUR  
S/o/D/o Sh. DARSHAN SINGH  
O/o University Institute of Fashion Technology  
and Vocational Dev, Panjab University,  
Chandigarh

No. 22-23/159/Ph.D. 296/R&S

Recd./By Hand

Dated: 17-1-2023

Dear Sir Madam,

Please refer to your application for "Registration" as a candidate for the degree of Doctor of Philosophy.

As communicated by the Chairperson / Head of the concerned department vide letter no. HT/1139 dated 09/11/2023 you have joined Ph.D. Programme on 13/12/2022. You are hereby registered for the degree of Ph.D. under case no. 22-23/159/Ph.D w.e.f. 13/12/2022 in the Faculty of Science and you will have to pay fee of Rs. 5500 - P.A.

For your 'Approval of Candidacy' of Ph.D. you are required to furnish the following items through the Chairperson of the concerned Department of Panjab University, Chandigarh:

- a. A tentative title of thesis or broad area of work and
- b. A tentative design of research project.

"As per New UGC Guidelines, you are advised to submit the application form for 'Approval of Candidacy' along with 15 copies of the tentative design of research project and prescribed fee, through the Chairperson of the Department concerned, to the Deputy Registrar (General) within one and half year of the date of Registration i.e. 13/12/2022.

Those who fail to submit form for approval of candidacy along with requisite documents and prescribed fee within the specified period may apply for extension as per Regulation 3.4, Page 189, P.U., Calendar, Volume II, 2007.

However, the candidate must have completed his/her Ph.D. Course work before applying for 'Approval of Candidacy'.

The following document/s in original is/are returned herewith after necessary verification:-

1. Degree & DMC of M.Sc.
2. Degree & DMC of B.Sc
3. ....
4. ....



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E-mail : kmvjalandhar@yahoo.com  
kmroffice1886@gmail.com

Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No KM/4200

Date 18/07/2022

### Consent of the Research Co-Supervisor

(To be filled by the co-supervisor)

I, NITIN KHANNA, Faculty of COMPUTER SCIENCE & ENGINEERING hereby give my consent to act as research co-supervisor for Mr/Ms RAGHAV GUPTA in the area of COMPUTER SCIENCE (MACHINE LEARNING) for the entire period his/her PhD research work. He/she will be carry his/her research work under my co-supervision after registration to the PhD Programme at GNA University. The number of registered Ph.D. candidates under my supervision working till date is 0.

I certify that necessary facilities will be available as and when required at the Faculty/ University for carrying out research work as proposed by the candidate.

Date: 16/7/2022

Nitin Khanna  
Signature of Co-Supervisor

Name: Dr. Nitin Khanna

Designation: Assistant Professor

University/Institute: Kanya Maha Vidyalaya, Jalandhar

Email: nitinkhanna300@gmail.com

Contact No.: +91-8699112056, +91-7889266508

Countersigned by Head of Organization With Stamp  
Kanya Maha Vidyalaya  
Jalandhar



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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/4201  
Date 18/07/2022

### Consent of the Research Co-Supervisor

(To be filled by the co-supervisor)

I, **NITIN KHANNA**, Faculty of **COMPUTER SCIENCE & ENGINEERING** hereby give my consent to act as research co-supervisor for Mr/Ms **PRIYANKA GUPTA** in the area of **COMPUTER SCIENCE (MACHINE LEARNING)** for the entire period his/her PhD research work. He/she will be carry his/her research work under my co-supervision after registration to the PhD Programme at GNA University. The number of registered Ph.D. candidates under my supervision working till date is 0.

I certify that necessary facilities will be available as and when required at the Faculty/ University for carrying out research work as proposed by the candidate.

Date: 16/7/2022

*Nitin Khanna*

Signature of Co-Supervisor

Name: Dr. Nitin Khanna

Designation: Assistant Professor

University/Institute: Kanya Maha Vidyalaya, Jalandhar

Email: nitinkhanna300@gmail.com

Contact No.: +91-8699112056, +91-7889266508

*Madhura*  
Countersigned by Head of Organization/With Stamp  
Kanya Maha Vidyalaya  
Jalandhar

Approved by UGC

27450



Ref. No. CTUPHD/2023/1224

Dated 31/05/2023

**ACCEPTANCE FOR ADDITION AS CO-SUPERVISOR**

The office of Dean Research accorded approval to add Dr. Ashish Raina, Assistant Professor, Kanya Maha Vidyalyaya, Jalandhar, Punjab as co-supervisor of the Research Scholar Mr./Ms. Parveen Sharma S/D/o Sh. Mohan Lal (Registration No.72013854) for Ph.D. research work in the stream of Hospitality Management.

The specialization of the co-supervisor is matching with the proposed area of research work of the Scholar and would be of immense help to Scholar to complete her research on the proposed field.

*Said*  
Dean Research,  
CT University,  
Ludhiana

Approved by UGC

27452



Ref. No CTU/PHD/2023/12,35

Dated: 31/05/2023

**ACCEPTANCE FOR ADDITION AS CO-SUPERVISOR**

The office of Dean Research accorded approval to add Dr. Ashish Raina, Assistant Professor, Kanya Maha Vidyalaya, Jalandhar, Punjab as co-supervisor of the Research Scholar Mr/Ms. Richa Kaushal S/D/o Sh. Gian Chand Kaushal (Registration No.72210659) for Ph.D. research work in the stream of Hospitality Management.

The specialization of the co-supervisor is matching with the proposed area of research work of the Scholar and would be of immense help to Scholar to complete her research on the proposed field.

*Ashish*  
31/05/23  
(Dean Research)  
Dean Research,  
CT University  
Ludhiana



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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/8494

Date 21-3-2023

Mrs. Tank Sinderpal Kabalsingh  
P.G. Department of Chemistry  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 15.3.2023, I am pleased to inform you that your project entitled "Sterculia gum based magnetic hydrogel matrix for adsorptive removal of dyes from aqueous solution" has been approved for funding. Further, Ms Barjinder Kaur and Ms Navpreet Kaur, M.Sc chemistry Sem-II, will be the co-investigators for this project. The allocation of grant is Rs. 1,10,000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

### Item Estimated Expenditure

i. Books and Journals:	Nil
ii. Equipment, if needed:	Nil
iii. Field Work and Travel :	10,000/-
iv. Chemicals and glassware:	70,000/-
v. Contingency (including special needs):	5,000/-
vi. Hiring Services:	25,000/-
<b>Total:</b>	<b>1,10,000/-</b>

The first installment of Rs.20,000/- will be released till 31.3.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

Principal  
Kanya Maha Vidyalaya  
Jalandhar



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Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/2495

Date 21/3/23

Dr. Narinderjit Kaur  
Ms. Aastha Palta  
Ms. Mehak  
P.G. Department of Chemistry  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 16.3.2023, I am pleased to inform you that your project entitled "Green Synthesis of Carbon Dots from Citrus Peels and its Application in Sensing" has been approved for funding. Further, Ms Shruti Kalia M.Sc. Chemistry Sem I, Ms Simran Jaswal M.Sc. Chemistry Sem I, Ms Janvi M.Sc Chemistry Sem I, Ms Anchal Saroch M.Sc. Chemistry Sem III will be the co-investigators for this project. The allocation of grant is Rs. 1,10,000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: Nil
  - ii. Equipment, if needed : Nil
  - iii) Field Work and Travel: 10,000/-
  - iv) Chemicals and glassware: 80,000/-
  - v. Contingency (including special needs): 10,000/-
  - vi. Hiring Services:10,000/-
- Total: 1,10,000/-

The first installment of Rs.20,000/- will be released till 31.3.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
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JALANDHAR-144 004.

Ref. No. KMV/5492

Date 21/3/23

Dr. Swati  
P.G. Department of Chemistry  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 15.3.2023, I am pleased to inform you that your project entitled "Synthesis, Characterization and Applications of imidazolium based ionic liquids" has been approved for funding. Further, Ms Sakshi and Ms Kritika, M.Sc. Chemistry Sem II will be the co-investigators for this project. The allocation of grant is Rs. 1,10,000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

### Item Estimated Expenditure

i. Books and Journals:	Nil
ii. Equipment, if needed:	Nil
iii. Field Work and Travel :	10,000/-
iv. Chemicals and glassware:	75,000/-
v. Contingency (including special needs):	2,000/-
vi. Hiring Services:	23,000/-
<b>Total:</b>	<b>1,10,000/-</b>

The first installment of Rs.20,000/- will be released till 31.3.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/8471

Date 21/3/2023

Dr. Sonik Bhatia  
P.G. Department of Physics  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 21.3.2023, I am pleased to inform you that your project entitled "**Synthesis and study of Metal Oxide Based Nanoparticles by using different techniques**" has been approved for funding. Further, Ms Gagandeep Kaur, M. Sc. Physics Sem IV, will be the co-investigator for this project. The allocation of grant is Rs. 1,15,000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

Item Estimated Expenditure

i. Books and Journals:	Nil
ii. Equipment, if needed:	Nil
iii. Field Work and Travel :	25,000/-
iv. Chemicals and glassware:	40,000/-
v. Contingency (including special needs):	25,000/-
vi. Hiring Services:	25,000/-
<b>Total:</b>	<b>1,15,000/-</b>

The first installment of Rs.20,000/- will be released till 31.3.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
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kmvoffice1886@gmail.com  
Vidyalya Marg,  
JALANDHAR-144 004.

Ref. No. Kmv/P973

Date 21/3/2023

Dr. Harleen Singh  
P.G. Department of Physics  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 16.3.2023, I am pleased to inform you that your project entitled "**Deciphering the alterations induced in the micellization behavior of surface-active molecules**" has been approved for funding. Further, Ms Shivalika and Ms Sharanjit Kaur, M.Sc physics Sem II will be the co-investigators for this project. The allocation of grant is Rs. 1,15,000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

Item Estimated Expenditure	
i. Books and Journals:	20,000/-
ii. Equipment, if needed:	Nil
iii. Field Work and Travel:	10,000/-
iv. Chemicals and glassware:	70,000/-
v. Contingency (including special needs):	15,000/-
vi. Hiring Services:	Nil
<b>Total:</b>	<b>1,15,000/-</b>

The first installment of Rs.20,000/- will be released till 31.3.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
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kmvoffice1886@gmail.com

Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. Kmv/8486

Date 21-03-2023

Dr. Sandeep Saggu  
Department of Biotechnology  
Kanya Maha Vidyalaya, Jalandhar

Subject: Seed Money Grant for Research Projects

With reference to the research board meeting held on 15.03.2023, I am pleased to inform you that your project entitled "**Isolation and characterization of soil microbes capable of producing bio film degrading enzymes**" has been approved for funding. Further, Ms Aditi Sharma B.Sc. Biotechnology Sem-V will be the co-investigator for this project. The allocation of grant is Rs. 100000/- for the tenure of two years till March 31, 2025. The detail of the allocation is given below:

#### Item Estimated Expenditure

- i. Books and Journals: Nil
- ii. Equipment, if needed: Already available in the department
- iii. Field Work and Travel Visit to field for culture procurement: 40,000/-
- iv. Chemicals and glassware: 60,000/-
- v. Contingency (including special needs): Nil
- vi. Hiring Services: Nil

**Total: 100000/-**

The first installment of Rs.20,000/- will be released till 31.03.2023. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
PRINCIPAL  
Kanya Maha Vidyalaya  
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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/8550

Date 14-1-2019

Dr. Pardeep Arora  
Ms. Rajni Bansal  
Department of Computer Science  
KMV, Jalandhar

Subject: Seed Money Grant for the Research Project.

With reference to the research board meeting held on 24.11.18, I am pleased to inform you that your project entitled "To Study the Impact of Social Media on Youth Based on Machine Learning" has been approved for funding. Further, Ms Rupinder Kaur and Ms Ramanpreet Kaur, M.Sc (Computer Science) Semester II will be the co-investigators for this project. The allocation of grant is Rs. 30000 for tenure of one year ending on 31.12.2019. The detail of allocation is given below:

Heads	Amount
<b>Non-Recurring Grant</b>	
a. Equipment (Minor equipment only)	nil
b. Books and Journals	nil
<b>Recurring Grant</b>	
(a) Hiring Services	nil
(b) Contingency	15000
(c) Special Needs	nil
(d) Chemicals and Consumables	nil
(e) Travel and Field Work	15000
<b>Total</b>	<b>30000</b>

The first instalment of the rs.15000 is released for utilization till June 2019. Your progressed will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

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Kanya Maha Vidyalaya  
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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/7245

Date 18-12-2020

Dr. Nalini Singh Chauhan  
Dr. Mandeep Kaur  
Department of Zoology,  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 18.05.2020, I am pleased to inform you that your project entitled "Bioefficacy of flavonoids against *S. Litura* larvae" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Aradhika and Ms Ncha M.Sc. Zoology Semester III, will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year December 31, 2021. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: Nil
  - ii. Equipment, if needed: Already available in the department
  - iii. Field Work and Travel Visit to field for culture procurement: 5000/
  - iv. Chemicals and glassware: 20000/
  - v. Contingency (including special needs): 5000/
  - vi. Hiring Services: Nil
- Total: 30000/

The first installment of Rs.10000 will be released till June 2021. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
Principal  
Kanya Maha Vidyalaya  
Jalandhar



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kmvoffice1886@gmail.com

Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/7244

Date 18-12-2020

Dr. Prabha  
Dr. Archana Saini  
PG Dept of Zoology,  
KMV, Jalandhar

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 18.05.2020, I am pleased to inform you that your project entitled "Evaluation of Plastic Pollution in Fresh Water Ecosystems." has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Lipsa M.Sc. Zoology Semester III. will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year December 31, 2021. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: 5000
- ii. Equipment, if needed: NIL
- iii. Field Work and Travel Visit to field for culture procurement: 10000/
- iv. Chemicals and glassware: 10000/
- v. Contingency ( including special needs): 5000/ .
- vi. Hiring Services: Nil

Total: 30000/

The first installment of Rs.10000 will be released till June 2021. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
Principal  
Kanya Maha Vidyalaya  
Jalandhar



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## KANYA MAHA VIDYALAYA (Autonomous)

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kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMU/7242

Date 18/12/2020

Dr. Gurpreet Kaur Grewal  
Department of Biotechnology  
Mrs. Deepika Vashistha  
KMV, Jalandhar

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 30.05.2020. I am pleased to inform you that your project entitled "**Studying the molecular basis of dysregulated glucose and cholesterol levels**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting. Further, Ms. Shruti Tyagi B.Sc Biotechnology Sem II Ms. Tarandyal Kaur B.Sc Biotechnology Sem II, will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year December 31, 2021. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: nil
- ii. Equipment, if needed: 10000
- iii. Field Work and Travel Visit to field for culture procurement: nil
- iv. Chemicals and glassware: 15000/
- v. Contingency (including special needs): 5000/
- vi. Hiring Services: Nil

**Total: 30000/**

The first installment of Rs.10000 will be released till June 2021. Your progress will be monitored in the mid-term meeting and continuation of the project will depend upon its outcome.

  
Principal  
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JALANDHAR-144 004.

Ref. No. KMV/7247

Date 18/12/2020

Dr. Surbhi  
Dr. Neetu Chopra  
P.G. Department of Physics  
KMV, Jalandhar

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 17.05.2020, I am pleased to inform you that your project entitled "**Structural, Optical and Thermal Studies of Alkali Boro-Tellurite Glasses Doped with Rare Earth Element Matrix for Fibre Optics Application**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Tanvi and Ms Ananya Singh B.Sc. Non Medical 2019-2022, will be the co-investigators for this project. The allocation of grant is Rs. 80000/- for the tenure of one year December 31, 2021. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: nil
- ii. Equipment, if needed: NIL
- iii. Field Work and Travel Visit to field for culture procurement: 25000
- iv. Chemicals and glassware: 40000/
- v. Contingency (including special needs): 15000/
- vi. Hiring Services: Nil

Total: 80000/

The first installment of Rs.60000 will be released till June 2021. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
Principal  
Kanya Maha Vidyalaya  
Jalandhar



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Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/7246

Date 18-12-2020

Dr. Davinder Singh  
Department of Physical Education  
KMV, Jalandhar

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 16.05.2020, I am pleased to inform you that your project entitled "Assessment of Physical Activity Attitude, Eating Behaviour, Social Support and Socio-Economic Status among the Students of Kanya Maha Vidyalaya, Jalandhar" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Etika BA Sem III, Ms Pavneet BA Sem III, Ms Neha BA Sem III and Ms Dimple BA Sem V will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year December 31, 2021. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: 15000
- ii. Equipment, if needed: 5000
- iii. Field Work and Travel Visit to field for culture procurement: 5000
- iv. Chemicals and glassware: nil
- v. Contingency (including special needs): 5000
- vi. Hiring Services: Nil

Total: 30000/-

The first installment of Rs.10000 will be released till June 2021. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
Principal  
Kanya Maha Vidyalaya  
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Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/894

Date 24/12/2021

Ashish Raina  
Department of Hospitality and Tourism  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 08.11.2021, I am pleased to inform you that your project entitled "**Entrepreneurship in Tourism and Hospitality Industry: Challenges and opportunities in post-pandemic times**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Harita Jaikada, will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

### Item Estimated Expenditure

- Books and Journals: Nil
- Equipment, if needed: Already available in the department
- Field Work and Travel Visit to field for culture procurement: 20000/-
- Chemicals and glassware: Nil
- Contingency (including special needs): 5000/-
- Hiring Services: 5000

**Total: 30000/-**

The first installment of Rs.10000 will be released till June 2022. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
PRINCIPAL  
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Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. KMV/296  
Date 24/12/2021

Dr. Harpreet Kaur  
Department of FD  
Dr. Narinderjit Kaur  
Department of Chemistry  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 10.11.2021. I am pleased to inform you that your project entitled "Natural dyeing at Home" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Manpreet Kaur, Ms Ruchika, Ms Geeta, Ms Harleen M.Sc Fashion Designing And Merchandising (Sem.IV) will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: 8000
- ii. Equipment, if needed: 5000
- iii. Field Work and Travel Visit to field for culture procurement: 7000/
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs):10000/
- vi. Hiring Services: Nil

**Total: 30000/**

The first installment of Rs.10000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

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JALANDHAR-144 004.

Ref. No. KMV/702/A

Date 24/12/2021

Mrs. Ashima Sahni  
Dr. Iqbal Singh  
Department of Political Science  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 08.11.2021, I am pleased to inform you that your project entitled "**Gender Gap in Political Empowerment: A Case Study of Jalandhar District in Punjab**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Prabhsimran Kaur and Ms Reet, Bachelor of Arts Sem III Political Science will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: 20000
- ii. Equipment, if needed: Nil
- iii. Field Work and Travel Visit to field for culture procurement: 5000/
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs): 5000/
- vi. Hiring Services: Nil

**Total: 30000/**

The first installment of Rs.15000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
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JALANDHAR-144 004.

Ref. No. KMV/1208

Date 2/2/2022

Dr. Anushobha,  
Dr. Rupika Sharma  
Department of Hindi  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on January 17, 2022, I am pleased to inform you that your project entitled "Bhasha , Praudyogiki aur Anuvaad" has been approved for funding. You are to incorporate all the suggestions made by the Experts in the meeting and to submit a modified proposal afresh. Further, Ms Abhilasha and Ms Jyoti Kumari MA Hindi Semester III will be the co-investigators for this project. The allocation of grant is Rs. 30000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: 20000
  - ii. Equipment, if needed: nil
  - iii. Field Work and Travel Visit to field for culture procurement: nil
  - iv. Chemicals and glassware: Nil
  - v. Contingency (including special needs): 10000/
  - vi. Hiring Services: nil
- Total: 30000/

The first installment of Rs.15000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
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Ref. No. KMV/895

Date 24/12/2021

Mr Nitin Khanna  
Dr. Ravi Khurana  
Department of Computer Science  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 10.11.2021, I am pleased to inform you that your project entitled "**Recommender System For Systematic Investment in Mutual Funds Using Artificial Intelligence**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Arti Sharma B.Sc. (IT) Semester VI, Ms Bhawna Devi B.Sc. (IT) Semester VI, Ms Meghdeep Kaur BCA Semester VI and Ms Khushi B.Voc. (AI & DS) will be the co-investigators for this project. The allocation of grant is Rs. 40000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: Nil
- ii. Equipment, if needed: Nil
- iii. Field Work and Travel Visit to field for culture procurement: Nil
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs): 10000/-
- vi. Hiring Services: 30000

**Total: 40000/-**

The first instalment of Rs.20000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
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JALANDHAR-144 004.

Ref. No. KMV/199

Date 24/12/2021

Dr. Jatinder Pal  
Department of Economics,  
KMV College, Jalandhar.  
Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 09.11.2021, I am pleased to inform you that your project entitled "**Economic Shocks and their Impact on Economic Growth and Inflation in India**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Gauri Mittal MA Economics (Sem.III) will be the co-investigators for this project. The allocation of grant is Rs. 10000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

### Item Estimated Expenditure

- i. Books and Journals: nil
- ii. Equipment, if needed: Nil
- iii. Field Work and Travel Visit to field for culture procurement: 5000/-
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs):5000/-
- vi. Hiring Services: Nil

**Total: 10000/-**

The first installment of Rs.10000 will be released till June 2022. Your progress will be monitored in the midterm meeting and continuation of the project will depend upon its outcome.

  
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Ref. No. KMV/898

Date 24/12/21

Dr. Reena Kumari  
Ms. Seema Kumari  
Department of Punjabi  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 08.11.2021, I am pleased to inform you that your project entitled "**E – Lokdhara: Lokdhara da Lok Geetan Vich Anusaran**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Simranjeet Kaur and Ms Manjot Kaur MA Punjabi (Sem.III) will be the co-investigators for this project. The allocation of grant is Rs. 15000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: 5000
- ii. Equipment, if needed: Nil
- iii. Field Work and Travel Visit to field for culture procurement: 5000/
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs):5000/
- vi. Hiring Services: Nil

**Total: 15000/**

The first installment of Rs.10000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

  
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Ref. No. KMV/297

Date 24/12/2021

Dr. Harpreet  
Dr. Davinder Kaur  
Department of Punjabi  
KMV College, Jalandhar.

Subject: Seed Money Grant for Research Projects.

With reference to the research board meeting held on 08.11.2021, I am pleased to inform you that your project entitled "**Gujjar Tribe: Language, Totem and Taboo**" has been approved for funding. You are to incorporate all the suggestions made by Experts in the meeting and to submit a modified proposal afresh. Further, Ms Alisha and Ms Renu MA Punjabi (Sem.I) will be the co-investigators for this project. The allocation of grant is Rs. 25000/- for the tenure of one year till December 31, 2022. The detail of the allocation is given below:

Item Estimated Expenditure

- i. Books and Journals: 7000
- ii. Equipment, if needed: Nil
- iii. Field Work and Travel Visit to field for culture procurement: 13000/-
- iv. Chemicals and glassware: Nil
- v. Contingency (including special needs):5000/-
- vi. Hiring Services: Nil

**Total: 25000/-**

The first installment of Rs.10000 will be released till June 2022. Your progress will be monitored in the mid term meeting and continuation of the project will depend upon its outcome.

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Ref. No. MS/2022/2023/64

Date 08/06/2023

### CERTIFICATE II

This is to certify that the project entitled, "Stream order and analysis of bed material in river basins" submitted to the P.G. Department of Zoology, Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of requirements for the Degree of Masters of Science in Zoology was carried out by Ms. Mamta Chauhani under my supervision. This is a review work and has not been submitted in part or full to any other University/Institute. This dissertation is fit to be considered for the award of M. Sc. of this college.

  
Name of candidate  
(Mamta Chauhani)

  
Supervisor  
(Dr. Prabha)



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kmv.office@gmail.com

Vidyaya Marg,  
JALANDHAR-144 004

For No. M.A. 2020/2021/2022

Date 22/01/2023

## Certificate II

This is to certify that the project entitled, "Habitat Characterization and analysis of bed material" submitted to the P.G. Department of Zoology, Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of requirements for the Degree of Masters of Science in Zoology was carried out by Ms. Anisha under my supervision. This is a review work and has not been submitted in part or full to any other University/ Institute. This dissertation is fit to be considered for the award of M. Sc. of this college.

  
Name of Candidate

(Anisha)

  
Supervisor

Dr. Prabha



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JALANDHAR-144 004.

Ref. No. M.Sc. Zoology / 001/2023/  
23

Date 08.06.2023

### CERTIFICATE II

This is to certify that the project report entitled "**Assessment of Phytoplankton Diversity of Maharana Pratap Sagar, North India**" submitted to the P.G. Department of Zoology, Kanya Maha Vidyalaya, Jalandhar in partial fulfilment of the requirements for the **Masters of Science in Zoology** was carried out by Ms. Bhavna under my supervision. This is a survey work and has not been submitted in part or full to any other University/Institute. This project report is fit to be considered for the award of M.Sc. Zoology.

  
Bhavna

  
Supervisor

**Dr. Kapil Paul**  
**Assistant Professor**  
P.G. Department of Zoology  
Kanya Maha Vidyalaya  
Jalandhar-144001, Punjab, (India)



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Ref. No. P.Sc./Zoology/101302319

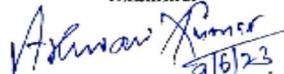
Date 09/06/2023

### CERTIFICATE III

This is certified that the project report entitled "**Ichthyofaunal Diversity assessment of Harike Wetland- An International Ramsar Site**", is submitted by Ms. Anju Devi to P.G. Department of Zoology, Kanya Maha Vidyalaya, Jalandhar in partial fulfilment of the requirements of Masters of Science Degree in Zoology has been approved by examination committee after an oral examination.

  
Supervisor

  
Head of Department  
Head  
Zoology Deptt.  
KMV, Jalandhar

Examiner  
  
9/6/23



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Ref. No. MS/2001067/006/2023/01

Date 08/06/2023

## CERTIFICATE III

This is to certify that the survey report entitled "A Study of Some Morphogenetic Traits Among Population of Five Districts of Jammu Division", is submitted by Ms. Zubaida Khanem to Kanya Maha Vidyalaya, Jalandhar in partial fulfilment of the requirements of Masters of Science degree in Zoology has been approved by examination committee after an oral examination.

Supervisor

Head of Department

Head

Zoology Deptt.

KMV, Jalandhar

Examiner

9/6/23



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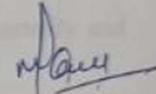
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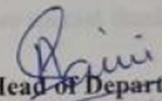
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Date 9/06/2023

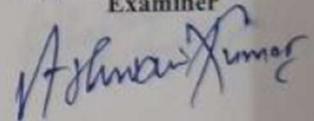
### CERTIFICATE III

This is to certify that the survey report entitled "**The Impact of COVID-19 on Diabetes and Hypertension**" is submitted by Ms. Shakshi Kathuria to Kanya Maha Vidyalaya, Jalandhar in partial fulfilment of the requirements of Masters of Science degree in Zoology has been approved by examination committee after an oral examination.

  
Supervisor

  
Head of Department  
Head  
Zoology Deptt.  
KMV, Jalandhar  
Examiner

Date:- 9-6-23





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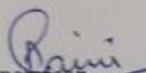
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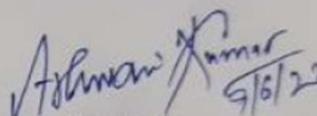
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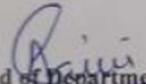
Date 08/06/2023

### CERTIFICATE 3

This is to certify that the study report entitled "A Study on Fish Diversity in Pong Dam Lake, Talwara", is submitted by Ms. Satuti to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirements of Masters of Science degree in Zoology has been approved by examination committee after an oral examination.

  
Supervisor

  
Examiner

  
Head of Department  
Head  
Zoology Deptt.  
KMV, Jalandhar



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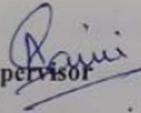
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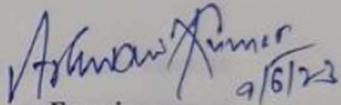
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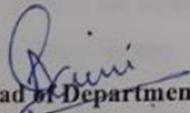
Date 08/06/2023

## CERTIFICATE 3

This is to certify that the project report entitled " A Survey of the Avian Diversity in the Harike Wetland", is submitted by Miss. Kirandeep kaur to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirements of Masters of Science degree in Zoology has been approved by examination committee after an oral examination.

  
Supervisor

  
Examiner

  
Head of Department  
Head  
Zoology Deptt.  
KMV, Jalandhar



The Heritage Institution  
Estd. 1886

Phones : Principal Off. : 0181-2296605, 2296606  
Fax : 0181-2291741  
E-mail : kmvjalandhar@yahoo.com  
kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

## KANYA MAHA VIDYALAYA (Autonomous)

Re-accredited 'A' by U.G.C.-NAAC  
"College with Potential for Excellence" by UGC  
Under Star College Scheme by DBT, Govt. of India

Ref. No. M.Sc. Zoology/2023/002

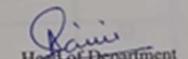
Date 8-06-2023

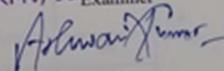
### CERTIFICATE III

This is to certify that the project report entitled "**Microalgae Production its Byproducts and Microalgae-based Biofertilizers and Biostimulants for agricultural crops: A Review**" is submitted by Ms. Liza to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement of Master of Science degree in Zoology has been approved by examination committee after an oral examination.

  
Supervisor

Date :- 9-6-23

  
Head of Department  
Head  
Zoology Deptt.  
KMV, Jalandhar  
Examiner

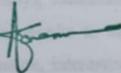


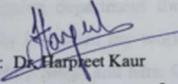
KNYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)

CERTIFICATE

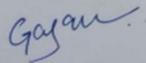


This is to certify that the dissertation entitled " **Up- Cycling Industrial Denim Waste To Develop Pouches And Bags With Patchwork, Quilting And Fabric Painting Techniques For Up-Skilling Of Women Entrepreneur Group**" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of bona-fide research work carried out by **Ms. Harpreet Kaur** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

  
Prof. Dr. Atima Sharma Dwivedi  
Principal

  
Guide: Dr. Harpreet Kaur  
Head of P.G. Department of  
Fashion Designing

Co- Guide : Ms Ruchika  
Assistant Professor  
PG Department of Fashion Designing  
Kanya Maha Vidyalaya (Autonomous)  
Jalandhar

  
External Examiner

  
Internal Examiner

KANYA MAHA VIDYALAYA, JALANDHAR(AUTONOMOUS)

CERTIFICATE



This is to certify that the dissertation entitled 'Up cycling of Pre and Post Consumer Textile Waste to Innovative Second - life Products ' submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of bona-fide research work carried out by **Ms. Jotbinder** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

Prof. Dr. Atima Sharma Dwivedi  
Principal

Guide: Dr. Harpreet Kaur  
Head of P.G. Department  
P.G. Department of Fashion  
Designing

Head of the Department

Co-Guide: Ms. Harleen kaur  
Assistant Professor  
P.G. Department of Fashion Designing

Kanya Maha Vidyalaya(Autonomous), Jalandhar

EXTERNAL EXAMINER

INTERNAL EXAMINER

## KANYA MAHA VIDYALYA JALANDHAR CERTIFICATE



This is to certify that the dissertation entitled "Per-consumer Textile Waste Mix Media Collage on Female Societal Stigmas to Ensure Inclusion and Gender Sensitisation" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for Degree of Master of Fashion Designing and Merchandising is a faithful record of research work carried out by Miss Jaskaranpreet Kaur under my guidance and supervision and that no part of the dissertation has been submitted for any other degree or diploma. The assistance and help received during course of study have been fully acknowledged.

Prof. Atima Sharma Dwivedi  
Principal  
Kanya Maha Vidyalaya  
Jalandhar

Dr. Harpreet Kaur  
P.G. Head of Fashion Department  
Kanya Maha Vidyalaya  
Jalandhar

Ms Harleen Kaur  
Co. guide

EXTERNAL EXAMINER

INTERNAL EXAMINER

KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)

CERTIFICATE



This is to certify that the dissertation entitled "**Development of sustainable backpack using pre-consumer boutique waste and embellished with quilting and crocheting**" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of bona-fide research work carried out by **Ms. Jyoti behal** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

Prof. Dr. Atima Sharma Dwivedi  
Principal

Guide: Dr. Harpreet Kaur  
Head of department

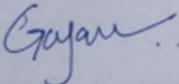
P.G. Department of Fashion Designing

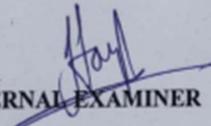
Head of the Department

Co-Guide: Ms. Ruchika Kapoor  
Assistant Professor

P.G. Department of Fashion Designing

Kanya Maha Vidyalaya (Autonomous), Jalandhar

  
EXTERNAL EXAMINER

  
INTERNAL EXAMINER

KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS) CERTIFICATE



This is to certify that the dissertation entitled " **Developing Contemporary Jewellery Using Naturally Dyed Macrame with Sustainable Embellishments** " submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of bona-fide research work carried out by **Ms. Mukti Sood** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

Prof. Dr. Atima Sharma Dwivedi  
Principal

Guide: Dr. Harpreet Kaur  
Head of P.G. Department of  
Fashion Designing

Co-Guide: Ms. Harleen Kaur  
Assistant Professor  
P.G. Department of  
Fashion Designing  
Kanya Maha Vidyalaya (Autonomous),  
Jalandhar

EXTERNAL EXAMINER

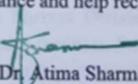
INTERNAL EXAMINER

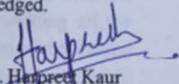
KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)

CERTIFICATE



This is to certify that the dissertation entitled " Developing Sustainable Greek Inspired Jewellery from Egg tray Waste" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of bona-fide research work carried out by **Ms. Mohani sharma** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

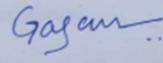
  
Prof. Dr. Atima Sharma Dwivedi  
Principal

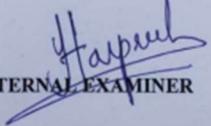
  
Guide: Dr. Harpreet Kaur  
Head of department  
P.G. Department of Fashion Designing

Co-Guide: Ms. Ruchika Kapoor  
Assistant Professor  
P.G. Department of Fashion Designing

Head of the Department

Kanya Maha Vidyalaya(Autonomous), Jalandhar

  
EXTERNAL EXAMINER

  
INTERNAL EXAMINER

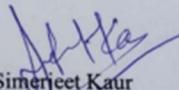
## KANYA MAHA VIDYALYA JALANDHAR CERTIFICATE

INNOVATIVE TODA EMBROIDERY MOTIFS ON KURTIS  
WITH DIGITAL PRINTING

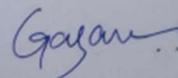


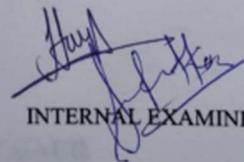
This is to certify that the dissertation entitles "Innovative Toda Embroidery Motifs on Kurtis with Digital Printing" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for Degree of Master of Fashion Designing and Merchandising is a faithful record of benefited research work carried out by Miss Sonali Pathania under Dr. Simerjeet Kaur guidance and supervision and that no part of the dissertation has been submitted for any other degree or diploma. The assistance and helped received during course of study have been fully acknowledged .

  
Prof. Atina Sharma Dwivedi  
Principal

  
Dr. Simerjeet Kaur  
Assistant Professor  
P.G Department Fashion Designing  
Kanya Maha Vidyalaya, Jalandhar

  
Head of Department  
Dr. Harpreet Kaur  
Kanya Maha Vidyalaya, Jalandhar

  
EXTERNAL EXAMINER

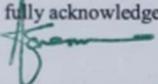
  
INTERNAL EXAMINER

**KANYA MAHA VIDYALAYA JALANDHAR**

**CERTIFICATE**

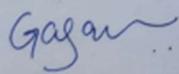


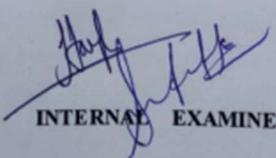
This is to certify that the dissertation entitled "Adaptation Of Danka Work Of Rajasthan On Poncho" submitted to kanya Maha Vidyalaya, Jalandhar in partial fulfilment of the requirement for degree of Master Of Fashion Designing And Merchandising is a faithful record of benefited research work carried out by Miss Rohini Mandiyal under Dr.simerjeet kaur guidance and supervision and the no part of this dissertation has been submitted for any other degree or diploma . The assistance and help received during the course of study have been fully acknowledged .

  
**Prof. Atima Sharma Dwivedi**  
Principal

  
**Dr. Simerjeet Kaur**  
Assistant Professor  
P.G Department Fashion  
Designing  
Kanya Maha Vidyalaya  
Jalandhar

  
**Dr. Harpreet Kaur**  
Head of Department  
Kanya Maha Vidyalaya  
Jalandhar

  
**EXTERNAL EXAMINER**

  
**INTERNAL EXAMINER**

## KANYA MAHA VIDYALYA JALANDHAR CERTIFICATE



This is to certify that the dissertation entitles "Innovative Traditional Kashida Embroidery on Shirt Dresses for College Going Girls" submitted to Kanya Maha Vidyalaya, Jalandhar in partial fulfillment of the requirement for Degree of Master of Fashion Designing and Merchandising is a faithful record of benefited research work carried out by Miss Aditi Sharma under Dr. Simerjeet Kaur guidance and supervision and that no part of the dissertation has been submitted for any other degree or diploma. The assistance and helped received during course of study have been fully acknowledged.

Prof. Anma Sharma Dwivedi  
Principal

Dr. Simerjeet Kaur  
Assistant Professor  
P G. Department Fashion Designing  
Kanya Maha Vidyalaya, Jalandhar

Head of department  
Dr. Harpreet Kaur  
Kanya Maha Vidyalaya

EXTERNAL EXAMINER

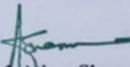
INTERNAL EXAMINER

KANYA MAHA VIDYALAYA JALANDHAR

CERTIFICATE



This is to certify that the dissertation entitled "Acceptability of Saura Painting on one piece dress for College going Students" submitted to Kanya Maha Vidhyalya Jalandhar in partial fulfilment of the requirement for degree of Master of Fashion Designing and Merchandising is a faithful record of benefited record research work carried out by Mrs. Vidhushi under Dr. Simerjeet Kaur guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

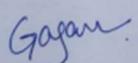
  
Prof. Atima Sharma  
Principal  
Kanya Maha Vidyalaya  
Jalandhar

  
Dr. Simerjeet Kaur

Assistant Professor

P.G Department of Fashion Designing  
K.M.V Jalandhar

  
Head of the Department  
Dr. Harpreet Kaur

  
EXTERNAL EXAMINERS

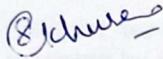
  
INTERNAL EXAMINER

## Certificate

This is to certify that the project entitled "THE CABLE TV NETWORK" submitted to Kanya Maha Vidyalaya Jalandhar, by student Samriti Thakur of M.Sc. (Computer Science), in the partial fulfillment of the requirements for the award of degree for Master in Computer Science is taken under our Supervision. To the best of our knowledge the matter presented in the project has not been submitted for the award of any other diploma or degree certificate to any other University or Institution.

Dr. (Mrs.) Suman Khurana

Head

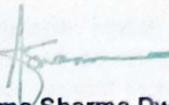


PG Dept of Comp. Science and Applications

Kanya Maha Vidyalaya,

Jalandhar

Dr. (Mrs.) Atima Sharma Dwivedi



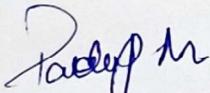
Principal  
Kanya Maha Vidyalaya  
Jalandhar

Kanya Maha Vidyalaya,

Jalandhar

SUPERVISED BY:

Dr. Pardeep Arora

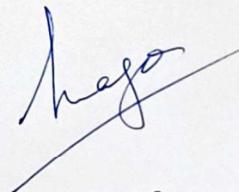


Associate Professor

PG Dept of Comp. Science and Applications

Kanya Maha Vidyalaya,

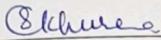
Jalandhar



(Dr. Jagmohan Mago,  
External)

## Certificate

This is to certify that the project report entitled **Lets Travel** submitted to Kanya Maha Vidyalaya, Jalandhar by students Shefali and roll no 227853 and Shefali and roll no 227853 of CS Sem-VI class in the partial fulfillment for the requirements of the degree of Masters of Computer Science is carried out under my guidance and supervision. This has not been submitted with any other course or degree in any other university or college to the best of our knowledge.



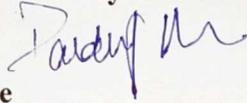
Dr. Suman Khurana  
Head  
PG Dept of Comp Sc. & Applications  
Kanya Maha Vidyalaya, Jalandhar



Prof. (Dr.) Atima Sharma Dwivedi  
Principal  
Kanya Maha Vidyalaya, Jalandhar

### **Guided and Super vised by:**

Dr Pardeep Arora



### **Name of the Guide**

Associate Prof.  
PG Dept of Comp Sc. & Applications  
Kanya Maha Vidyalaya, Jalandhar

A  
PROJECT WORK  
ON  
ONLINE EVENT MANAGEMENT SYSTEM  
SUBMITTED TO:  
**KANYA MAHA VIDYALAYA (AUTONOMOUS), JALANDHAR**

In partial fulfilment of the requirements for the award of degree of  
**Master of Science (Computer Science)**

**Session: 2022-2023**

**SUPERVISED BY:**

Dr. Ravi Khurana  
Associate Professor  
P.G. Dept. of Computer science & Applications  
Kanya Maha Vidyalaya, Jalandhar

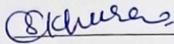
**SUBMITTED BY:-**

Gurjit Kaur  
Roll no. 21206700001  
Regd.No.2017.MJ / A.309

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**  
**KANYA MAHA VIDYALAYA (Autonomous), JALANDHAR**

## CERTIFICATE

This is to certify that the project entitled **ONLINE FOOD ORDERING SYSTEM** submitted to Kanya Maha Vidyalaya(Autonomous), Jalandhar by **NAVROOP BHELLA** of M.Sc.(Computer Science) Sem IV, in the partial fulfillment of requirements for the award of the degree of Master of Computer Science is taken under our guidance. To the best of our knowledge the matter presented in the project has not been submitted for the award of any other diploma or degree certificate to any other University or Institution.

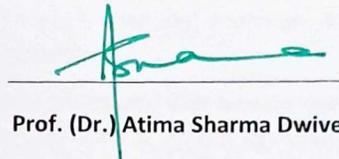


**Dr. Suman Khurana**

Head

PG Dept. Of Comp. Science And Applications

Kanya Maha Vidyalaya, Jalandhar

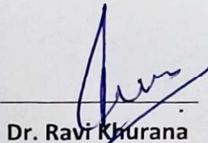


**Prof. (Dr.) Atima Sharma Dwivedi**

PRINCIPAL

Kanya Maha Vidyalaya, Jalandhar

### **GUIDED AND SUPERVISED BY:**



**Dr. Ravi Khurana**

Associate Professor

PG Dept Of Comp. Science and Applications

Kanya Maha Vidyalaya, Jalandhar

**KANYA MAHAVIDYALAYA, JALANDHAR**  
**(AUTONOMOUS)**

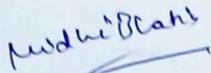
**FACULTY OF COMPUTER SCIENCE AND I.T.**

**Department of Computer Science and Applications**

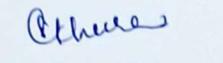


**CERTIFICATE**

Certified that the Dissertation entitled "EHTICAL HACKING-PACKET SNIFFING" carried out by **MANLEEN KAUR** a bonafide student of **Kanya Maha Vidyalaya, Jalandhar** in partial fulfilment for the award of degree - **Master of Science in Information and Network Security** developed in the Department of Computer Science and Applications, during the academic session 2022-23. It is certified that all suggestions have been incorporated in the report submitted in the department. The Project report has been approved as it satisfies the academic requirements in respect of work prescribed for the said degree.

  
**Ms. Nidhi Bhatia**

Signature of Internal

  
**Dr. Suman Khurana**

Signature of HoD

  
**Prof. (Dr.) Atma Sharma Dwivedi**  
Signature of the Principal

**External Examiner**

**Signature of Date**

**A  
DISSERTATION  
ON  
"PENETRATION TESTING"  
(VULNERABILITY SCANNING on WINDOWS XP)**

**SUBMITTED TO  
KANYA MAHA VIDYALAYA, JALANDHAR  
(AUTONOMOUS)**

**In the partial fulfilment of the requirements for the award of the Degree  
of  
Master of Science (Information and Network Security)  
(Session 2022-2023)**

**SUPERVISED BY:  
MS. NIDHI BHATIA  
Assistant Professor**

**SUBMITTED BY:  
TARANDEEP KAUR  
End Semester Roll No: 21217900003  
Registration No.: 2018.MJ /A.376**

**JASMEET KAUR  
End Semester Roll No: 21217900004  
Registration No.: 2018.MJ /A.366**

**FACULTY OF COMPUTER SCIENCE AND I.T.  
KANYA MAHA VIDYALAYA, JALANDHAR  
(AUTONOMOUS)**

## CERTIFICATE

This is to certify that the dissertation entitled '**POLYANILINE-rGO COMPOSITES FOR SUPERCAPACITOR APPLICATIONS**' bodies the original work done by Anshuman Saluja in partial fulfillment of the degree of Masters in Physics for the session 2022-23 submitted to '**KANYA MAHAVIDYALAYA (KMV) JALANDHAR**'.  
The work has been carried out under the guidance of Dr. Sangeeta Prasher. To the best of our knowledge, the work results from her original investigation and study. No part of the assignment has ever been submitted, in whole or in part, to any other institution or university. The quality of work fulfills the requirements related to this degree.

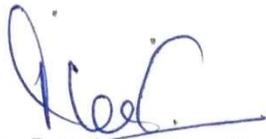
  
for  
Mrs. Parminder Kaur Cheema  
Head of Department  
PG Dept. of Physics  
Kanya Maha Vidyalaya  
Jalandhar

  
Dr. Sangeeta Prasher  
Supervisor  
PG Dept. of Physics  
Kanya Maha Vidyalaya  
Jalandhar

## CERTIFICATE

This is to certify that the dissertation entitled '**POLYANILINE-rGO COMPOSITES FOR SUPERCAPACITOR APPLICATIONS**' bodies the original work done by Vibhuti Salaria in partial fulfillment of the degree of Masters in Physics for the session 2022-23 submitted to **KANYA MAHAVIDYALAYA (KMV) JALANDHAR**.

The work has been carried out under the guidance of Dr. Sangeeta Prasher. To the best of our knowledge, the work is the result of her original investigation and study. No part of the assignment has ever been submitted, in whole or in part, to any other institution or university. The quality of work fulfills the necessary requirements related to this degree.



Mrs. Parminder Kaur Cheema  
Head of Department  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar



Dr. Sangeeta Prasher  
Supervisor  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

## CERTIFICATE

This is to certify that the Dissertation entitled "Shielding, Optical and Physical characterization on bismuth borate glasses" bodies the original work done by Anchal Pathania in partial fulfillment of degree of M.Sc. (Physics) for the session 2022-23 submitted to " **KANYA MAHA VIDYALAYA, JALANDHAR** ". The work has been carried out under the guidance of Dr. Sandeep Kaur. . This is an original piece of work and has not been submitted to any other institute. The quality of work fulfills the necessary requirements related to this degree.

Mrs. Parminder Kaur Cheema

Head of Department

PG Department of Physics

Kanya Maha Vidyalaya

Jalandhar

Dr. Sandeep Kaur

Supervisor

PG Department of Physics

Kanya Maha Vidyalaya

Jalandhar

## CERTIFICATE

This is to certify that the Dissertation entitled "TO STUDY THE OPTICAL, PHYSICAL AND SHIELDING PROPERTIES OF BORATE GLASSES" bodies the original work done by Vishali in partial fulfilment of degree of M.Sc. (Physics) for the session 2022-23 submitted to "KANYA MAHA VIDYALAYA (KMV) JALANDHAR". The work has been carried out under the guidance of Dr.Gopi Sharma. To the best of our knowledge the work is the result of her original investigation and study. No part of assignment has ever been submitted to any other institution and university. The quality of work fulfills the necessary requirements related to this degree.



*for*  
Mrs. Parminder Kaur Cheema  
Head of Department  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

Dr. Gopi Sharma  
Supervisor

Prof. Vipul Srivastava  
Professor  
Lovely Prof. University  
Jalandhar.

Vipul Srivastava  
29/5/23

Dr. Navneet Singh  
Asst. Prof.  
Khalsa College  
Jalandhar.

## CERTIFICATE

This is to certify that an assignment entitled to study the “Optical and photon shielding studies on bismuth borate glasses” the original work done by VINDU SOUNKHLA in the fulfillment of the degree of M.Sc. Physics session 2022-23 submitted to GURU NANAK DEV UNIVERSITY, was carried out under our guidance and supervision. This is original piece of work and has not submitted to any other institute. The quality of work fulfills the entire necessary requirement related to this degree.



**Mrs. Parminder Cheema**

Head of Department

PG. Dept of Physics

Kanya Maha Vidyalaya

Jalandhar



**Dr. Neetu Verma**

Supervisor

PG. Dept of Physics

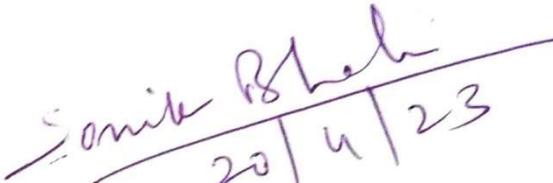
Kanya Maha Vidyalaya

Jalandhar

## CERTIFICATE

This is to certify that the Dissertation entitled "SYNTHESIS AND FTIR STUDY OF ZnO NANOPARTICLES" bodies the original work done by Nandita Pathania in partial fulfillment of degree of M.Sc. (Physics) for the session 2022-23 submitted to "KANYA MAHA VIDYALAYA (KMV) JALANDHAR". The work has been carried out under the guidance of Dr. Sonik Bhatia. To the best of our knowledge the work is the result of her original investigation and study. No part of assignment has ever been submitted to any other institution and university. The quality of work fulfills the necessary requirements related to this degree.

*for*  
  
Mrs. Parminder Kaur Cheema  
Head of Department  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

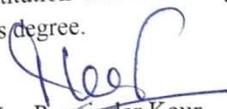
  
20/4/23  
Dr. Sonik Bhatia  
Supervisor  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

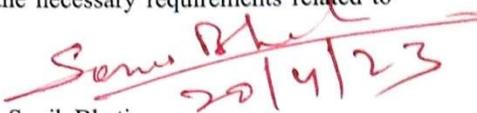
  
29/5/23  
Dr. Vipul Srivastava  
Prof.  
Lovely Prof. University  
Jalandhar

  
Dr. Navneet Singh  
Asst. Professor  
Khalsa College  
Jalandhar

## CERTIFICATE

This is to certify that the project entitled "SYNTHESIS AND U.V. ANALYSIS OF ZINC OXIDE NANOPARTICLES" bodies the original work done by Gagandeep Kaur in partial fulfilment of degree of M.Sc. (Physics) for the session 2022-23 submitted to "KANYA MAHA VIDYALAYA (KMV) JALANDHAR". The work has been carried out under the guidance of Dr. Sonik Bhatia . To the best of our knowledge the work is the result of her original investigation and study. No part of assignment has ever been submitted to any other institution and university. The quality of work fulfills the necessary requirements related to this degree.

*for*  
  
Mrs. Parvinder Kaur  
Head of Department  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

  
22/4/23  
Dr. Sonik Bhatia  
Supervisor  
PG Department of Physics  
Kanya Maha Vidyalaya  
Jalandhar

