

DAVU/2020/DA/1007

Ph.D. Grant

15/10/2020

## Ph.D. Entrance Test Result 2020-21 (October intake)

The following candidates has qualified the Ph.D. Entrance Test 2020-21:

Sr. No.	Roll No.	Candidate Name	Father Name	Subject	Marks Obtained	Result
1	20211168	Kulkaran Singh	Herjinder Singh	Physics	63/100	Qualified
2	20211169	Taranjot Singh	Tajinder Singh	Physics	50/100	Qualified
3	20211293	Sumati Priya	Rajnish Garg	Mathematics	65/100	Qualified
4	20211299	Jyoti Kapila	Dinesh Kumar Kapila	Zoology	52/100	Qualified
5	20211143	Sneha Singh	Sudarshan Singh	Zoology	61/100	Qualified
6	20211149	Isha Verma	Sanjay Kumar	Biotechnology	69/100	Qualified
7	20211019	Gurpreet Kaur	Gurbhajan Singh	Biotechnology	68/100	Qualified
8	20211134	Vasudha Maurya	Anand Jyoti Maurya	Biotechnology	61/100	Qualified
9	20211158	Amandeep Singh	Gurdial Singh	CSA	67/100	Qualified
10	19202106	Inderjit Kaur Sohal	Jaswinder Singh	Psychology	73/100	Qualified
11	20211159	Ramandeep Kaur	Gursharan Singh	Psychology	61/100	Qualified
12	20211001	Neha Dogra	Suresh Kumar	Psychology	60/100	Qualified
13	20211168	Payal Sharma	Deepak Sharma	Psychology	57/100	Qualified
14	20211324	Komal Deep Kaur	Balwinder Singh	Psychology	76/100	Qualified
15	20211036	Ajay Singh Maan	Jaipal Singh Maan	Phy Edu.	51/100	Qualified
16	20211164	Rajat Shandilya	Suresh Shandilya	Phy Edu.	62/100	Qualified
17	20211310	Ashwani Rawal	Katar Singh	Phy Edu.	52/100	Qualified
18	20211303	Vishal Singh	Sohan Singh	Phy Edu.	60/100	Qualified
19	20211189	Kamaldeep Singh	Malook Singh	Phy Edu.	53/100	Qualified
20	20211316	Deepika Mahajan	Joginder Pal Mahajan	Computer Science & Engg.	55/100	Qualified
21	20211271	Pratik More	Dilip	Electronics & Comm. Engg.	51/100	Qualified
22	20211065	Irfan mohi ud din	Gh Mohi Ud Din Rather	Civil Engineering	55/100	Qualified
23	20211025	Jaswant Kaur	Sarvjeet Singh	CBM	51/100	Qualified
24	20211221	Priya Arora	Jai Gopal Arora	CBM	53/100	Qualified

(Dr. Sharanjit Singh)

(Dr. Sandeep Kumar)

(Dr. Tejinder Kaur)

(Dr. Ashutosh Gupta)

(Dr. Nakul Kundra)

(Dr. Ashutosh Sharma)

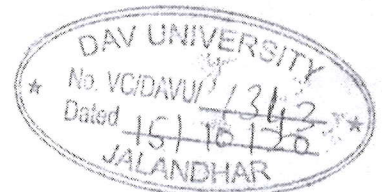
Submitted for approval and uploading on University website.

Vice-Chancellor

Dean (Academics)/CoE

ATTESTED

Registrar



Gen

OFFICE OF THE DEAN (ACADEMICS)

DAVU/DA/2020/1730

Dated: 20/12/2020


Constitution of RAC (Ph.D. Students) for the Term 20211

Sr. No.	Student Name	Reg. No.	Programme	Supervisor/Co-supervisor	RAC Member
1	Kulkaran Singh	12001231	Physics	Dr. Keshav Walia	Dr. Akshay Kumar Dr. Sandeep Kumar
2	Taranjot Singh	12001242	Physics	Dr Keshav Walia	Dr. Praveen Kumar Dr. Akshay Kumar
3	Sumati Priya	12001237	Mathematics	Dr. Shelly Garg	Dr. Sarika Verma Dr. Keshav Walia
4	Namesh K	12001235	Mathematics	Dr. Raj Kumar Dr. Sarika Verma (Co-Supervisor)	Dr Samriti Khosla Dr. Shelly Garg
5	Ravi Mittal	12001238	Mathematics	Dr. Shelly Garg	Dr Raj Kumar Dr. Rama Gupta
6	Pradeep Kumar	12001360	Chemistry	Dr. Rekha Gaba	Dr. Samriti Khosla Dr. Sapna Sethi
7	Sneha Singh	12001236	Zoology	Dr. Tejinder Kaur	Dr. Raj Bala Dr. Praveen Guleria
8	Isha Verma	12001240	Biotechnology	Dr. Praveen Guleria	Dr Lakhmir Singh Dr. Raj Bala
9	Gurpreet Kaur	12001234	Biotechnology	Dr. Lakhmir Singh	Dr Anju Pathania Dr. Yogesh Kumar
10	Vasudha Maurya	12001241	Biotechnology	Dr. Rahul Kumar, Dr. Ashutosh Sharma (Co-supervisor)	Dr Yogesh Kumar Dr. Tejinder Kaur
11	Narayan Singh	12001251	Biotechnology	Dr. Rahul Kumar, Dr Ashutosh Sharma (Co-supervisor)	Dr. Yogesh Kumar Dr. Harpreet Walia
12	Amandeep Singh	12001232	Computer Science & Applications	Dr. Hiteshwari Sabrol	Dr. M.P. Garg Dr. Manik Sharma
13	Rajat Shandilya	12001460	Physical Education	Dr. Komal Jain, Chetan Sharma(Co-supervisor)	Dr Yeshbeer Singh Dr. Nakul Kundra
14	Vipan Bansal	12001455	Mechanical Engineering	Dr. Rajesh Khanna	Dr. M.P. Garg Dr. Gurmeet Singh

Submitted for approval please.

Vice-Chancellor

  
**ATTESTED**  
**Registrar**  
DAV University, Jalandhar

  
Dean (Academics)  
DAV University  
Jalandhar

Ph.D Gen  
**DAV UNIVERSITY, JALANDHAR**

DAVU/2020/DA/1020  
 20/10/2020

The following Department Research/Advisory Committee constituted for Ph.D Programme for Term 2020-21.

Departmental Research /Advisory committee(DRC) of Physics	
Chairman	Dr. Keshav Walia
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth, Dr. Samriti Khosla
Assistant Professor(Rotation)	Dr. Praveen Kumar
Assistant Professor(Rotation)	Dr. Gurmeet Singh

Departmental Research /Advisory committee(DRC) of Chemistry	
Chairman	Dr. Rekha Gaba
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla
Assistant Professor(Rotation)	Dr. Akshay Kumar
Assistant Professor(Rotation)	Dr. Ahmad Husain

Departmental Research /Advisory committee(DRC) of Mathematics	
Chairman	Dr Raj Kumar.
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla
Assistant Professor(Rotation)	Dr. Sarika Verma
Assistant Professor(Rotation)	Dr. Shelly Garg

Departmental Research /Advisory committee(DRC) of Computer Science & Application	
Chairman	Dr. Hiteshwari Sabrol
Professor and Associate Prof.(Regular)	Dr. M.P Garg
Assistant Professor(Rotation)	Dr. Sanjeev Kumar Sharma
Assistant Professor(Rotation)	Dr. Manik Sharma

Departmental Research /Advisory committee(DRC) of Agriculture	
Chairman	Dr. Anju Pathania
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla
Assistant Professor(Rotation)	Dr. Puja Rattan
Assistant Professor(Rotation)	Dr. A H Reddy

Departmental Research /Advisory committee(DRC) of Biotechnology	
Chairman	Dr. Praveen Guleria
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla
Assistant Professor(Rotation)	Dr. Lakhmir Singh
Assistant Professor(Rotation)	Dr. Yogesh Kumar

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**ATTESTED**  
  
**Registrar**  
**DAV University, Jalandhar**

Departmental Research /Advisory committee(DRC) of BOTANY		
Chairman	Dr. Ashish Sharma	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Raj Bala	
Assistant Professor(Rotation)	Dr. Harpreet Walia	

Departmental Research /Advisory committee(DRC) of Biochemistry		
Chairman	Dr. Karan Paul	
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth	
Assistant Professor(Rotation)	Dr. Ashutosh Sharma	
Assistant Professor(Rotation)	Dr. Yogesh Kumar	

Departmental Research /Advisory committee(DRC) of ZOOLOGY		
Chairman	Dr. Tejinder Kaur	
Professor and Associate Prof.(Regular)	Dr. Anju Pathania	
Assistant Professor(Rotation)	Dr. Praveen Guleria	
Assistant Professor(Rotation)	Dr. Harpreet Walia	

Departmental Research /Advisory committee(DRC) of Microbiology		
Chairman	Dr. Yogesh Kumar	
Professor and Associate Prof.(Regular)	Dr. Anju Pathania	
Assistant Professor(Rotation)	Dr. Ashutosh Sharma	
Assistant Professor(Rotation)	Dr. Tajinder Kaur	

Departmental Research /Advisory committee(DRC) of Physical Education		
Chairman	Dr. Yeshbeer Singh	
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth	
Assistant Professor(Rotation)	Dr. Komal Jain	
Assistant Professor(Rotation)	Dr Chetan Vasudev	

Departmental Research /Advisory committee(DRC) of Psychology		
Chairman	Dr. Jasbir Rishi	
Professor and Associate Prof.(Regular)	Dr. Girish Taneja	
Assistant Professor(Rotation)	Dr. Nakul Kundra	
Assistant Professor(Rotation)	Dr. Gitika Nagrath	

Departmental Research /Advisory committee(DRC) of CBM&E		
Chairman	Dr Girish Taneja	
Professor and Associate Prof.(Regular)	Dr. Sandeep Vij	
Assistant Professor(Rotation)	Dr. Gitika Nagrath	
Assistant Professor(Rotation)	Dr. Garima Baluja	

SWR 10027  
 Sandeep Vij (10022)  
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 ACI 10012  
 Tejinder Kaur 10034  
**ATTESTED**  
 Registrar  
 DAV University, Jalandhar

The following Department Research Advisory Committee constituted for Ph.D Programme 2018-19.

Departmental Research /Advisory committee(DRC) of Computer Science & Engineering		
Chairman	Dr Harpreet Singh	
Professor and Associate Prof.(Regular)	Dr. Rajesh Khanna	
Assistant Professor(Rotation)	Dr. Sankalop Arora	
Assistant Professor(Rotation)	Dr. Sanjeev Kumar Sharma	

Departmental Research /Advisory committee(DRC) of Electronics & Communication Engineering		
Chairman	Dr Gagandeep	
Professor and Associate Prof.(Regular)	Dr. Girish Taneja	
Assistant Professor(Rotation)	Dr. Harpreet Singh	
Assistant Professor(Rotation)	Dr. Chetan Vasudeva	

Departmental Research /Advisory committee (DRC) of Mechanical Engineering		
Chairman	Dr. Mohinder Pal Garg	
Professor and Associate Prof.(Regular)	Dr. Rajesh Khanna	
Assistant Professor(Rotation)	Dr. Ramandeep Singh	
Assistant Professor(Rotation)	Dr. Sharanjit Singh	

Departmental Research /Advisory committee(DRC) of Computer Science & Application		
Chairman	Dr. Sanjeev Kumar Sharma	
Professor and Associate Prof.(Regular)	Dr. M.P Garg	
Assistant Professor(Rotation)	Dr. Hiteshwari Sabrol	
Assistant Professor(Rotation)	Dr. Manik Sharma	

Departmental Research /Advisory committee(DRC) of English		
Chairman	Dr. Nakul Kundra	
Professor and Associate Prof.(Regular)	Dr. Sandeep Vij	
Assistant Professor(Rotation)	Dr. Kapil Chaudaha	
Assistant Professor(Rotation)	Dr. Ashutosh Sharma	

Departmental Research /Advisory committee(DRC) of Commerce Business Management & Economics		
Chairman	Dr Sandeep Vij	
Professor and Associate Prof.(Regular)	Dr. Girish Taneja	
Assistant Professor(Rotation)	Dr. Rekha Handa	
Assistant Professor(Rotation)	Dr. Ashutosh Gupta	
Assistant Professor (Rotation)	Dr. Satinder Kumar	

Departmental Research /Advisory committee(DRC) of Agriculture		
Chairman	Dr. Anju Pathania	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Ashutosh Sharma	
Assistant Professor(Rotation)	Dr. Rahul Kumar	

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**Registrar**  
DAV University, Jalandhar

*[Signature]*  
14/12/19  
Dean (Academics)  
DAV University  
Jalandhar

Departmental Research /Advisory committee(DRC) of Biochemistry		
Chairman	Dr. Karan Paul	
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth	
Assistant Professor(Rotation)	Dr. Rupinder Sayal	
Assistant Professor(Rotation)	Dr. Parveen Guleria	

Departmental Research /Advisory committee(DRC) of BOTANY		
Chairman	Dr. Geetanjali	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Ashish Sharma	
Assistant Professor(Rotation)	Dr. Harpreet Walia	

Departmental Research /Advisory committee(DRC) of Chemistry		
Chairman	Dr. Pushpinder Singh	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Sapna Sethi	
Assistant Professor(Rotation)	Dr. Rekha Gaba	

Departmental Research /Advisory committee(DRC) of Mathematics		
Chairman	Dr. Sarika Verma	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Raj Kumar	
Assistant Professor(Rotation)	Dr. Shelly Garg	

Departmental Research /Advisory committee(DRC) of Physics		
Chairman	Dr. Raj Kumar Seth	
Professor and Associate Prof.(Regular)	Dr. Samriti Khosla	
Assistant Professor(Rotation)	Dr. Keshav Walia	
Assistant Professor(Rotation)	Dr. Sandeep Kumar	

Departmental Research /Advisory committee(DRC) of ZOOLOGY		
Chairman	Dr. Tejinder Kaur	
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth	
Assistant Professor(Rotation)	Dr. Geetanjali	
Assistant Professor(Rotation)	Dr. Raj Bala	

Departmental Research /Advisory committee(DRC) of Physical Education		
Chairman	Dr. Yeshbeer Singh	
Professor and Associate Prof.(Regular)	Dr. Raj Kumar Seth	
Assistant Professor(Rotation)	Dr. Satish Sharma	
Assistant Professor(Rotation)	Dr. Komal Jain	

Departmental Research /Advisory committee(DRC) of Psychology		
Chairman	Dr. Jasbir Rishi	
Professor and Associate Prof.(Regular)	Dr. Girish Taneja	
Assistant Professor(Rotation)	Dr. Nakul Kundra	
Assistant Professor(Rotation)	Dr. Gitika Nagrath	

**ATTESTED**

  
Registrar

DAV University, Jalandhar

  
14/12/29  
Dean (Academics)  
DAV University  
Jalandhar

# DAV University, Jalandhar

DAV/2021/DA/668  
01/04/2021

Dated: 31 March 2021

Ref. No.: DAVU/2021/DA/

MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Mr. SARBJIT SINGH  
Ph.D. Open-House Viva-Voce Examination of Mr. Sarbjit Singh, Regn. No.: 11608262, Ph.D. candidate,  
Department of Physics was conducted vide approval number VC/DAVU/2827 dated 27 March 2021 (copy  
enclosed) on 31 March 2021 in the committee room of the University.

Title of the thesis: **BIOCOMPATIBLE SUPERPARAMAGNETIC FERRITE NANOPARTICLES FOR TREATMENT  
OF CANCER BY HYPERTHERMIA.**

### Members present:

1. Dr. RK Seth, Dean Academics
2. Dr. SK Tripathi, Professor, Department of Physics, Panjab University, Chandigarh - External Examiner
3. Dr. Keshav Walia, Coordinator, Department of Physics
4. Dr. Samriti Khosla, Associate Professor, Department of Physics, Member RAC
5. Dr. Pushpinder Singh, Assistant Professor, Department of Chemistry, Member RAC
6. Dr. Gurmeet Singh – Supervisor and Member RAC

### Minutes of the meeting:

- a. The Ph.D. thesis reports of Mr. Sarbjit Singh have been read by the committee before conducting the viva-voce examinations.
- b. Mr. Sarbjit Singh presented his research work. The presentation covered the literature survey, problem formulation, goals & objectives, proposed work, results and inferences, validation, major conclusions, and contributions of the research.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. SK Tripathi, Professor, Department of Physics, Panjab University, RAC, asked questions raised in thesis reports of Mr. Sarbjit Singh and get clarifications regarding the comments of the examiners and other members presents.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The corrections/revision in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) has been made/incorporated by Mr. Sarbjit Singh, Ph.D. student, and that has also been checked and verified by Dr. Gurmeet Singh, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctorate of Philosophy to Mr. Sarbjit Singh according to UGC Regulations, 2016.

*Keshav*  
Dr. Keshav Walia

*Samriti*  
Dr. Samriti Khosla

*Pushpinder*  
Dr. Pushpinder Singh

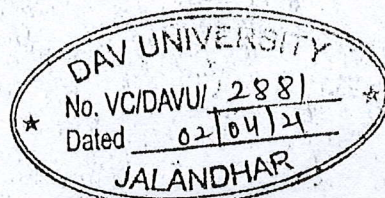
*Gurmeet*  
Dr. Gurmeet Singh

*S. K. Tripathi*  
Dr. SK Tripathi  
(External Examiner)

*RK Seth*  
Dr. RK Seth  
(Dean Academics)

**REGISTAR**  
Registrar  
DAV University, Jalandhar

*Gurmeet*  
Vice-Chancellor



Received via email from the expert

DAV University, Jalandhar  
Open House PhD Presentation and Viva Voce Examination  
Minutes of Meeting

Date: 25<sup>th</sup> June 2021

ATTESTED

Registrar  
Jalandhar

1. As per the Rules and Procedures for Ph.D. Program (Applicable from Academic Session 2016-17 onwards):

*The Dean Research/Nominee and the Supervisor of the candidate will be associated with the conduct of the viva-voce to be arranged by the university. There will be a presentation by the candidate before the following committee:*

- a) Dean Research or Nominee
- b) Supervisor/supervisors of the candidate
- c) One external examiner, who has evaluated the thesis.

*The quorum for holding the viva-voce examination will be three members.*

2. In the open house PhD presentation and Viva Voce examination of Mr. Rajneesh Kumar, a PhD scholar of the Department of English, the following committee members were present:
  - a) Dr. R. K. Seth (Dean, Academics)
  - b) Dr. Nakul Kundra (Candidate's PhD Supervisor)
  - c) Dr. Deepti Gupta, Professor, Department of English and Cultural Studies, Chandigarh (External Examiner)
3. Dr. R. K. Seth (Dean, Academics) and Dr. Nakul Kundra (Supervisor of the Candidate) attended the open house PhD presentation and viva voce examination offline. With the prior approval of the competent authority, Dr. Deepti Gupta (External Examiner) attended it online in view of the Covid-19 pandemic.
4. Mr. Rajneesh Kumar gave an open house PhD presentation in the language lab. (AC201) on 25<sup>th</sup> June 2021. The presentation was followed by an open house discussion.
5. The external examiner, Dr. Deepti Gupta, conducted the viva-voce examination of the candidate. She asked a number of questions related to the thesis work to him.
6. The candidate responded to all the questions to the satisfaction of the external examiner.
7. The external examiner found the candidate's performance in the oral examination satisfactory.
8. On the basis of the candidate's performance in the viva-voce examination, the external examiner recommended the award of the PhD degree to him.

*Nakul Kundra*  
25.6.21  
Dr. Nakul Kundra

PhD Supervisor

*R. K. Seth*  
25/6/21  
Dr. R. K. Seth

Dean (Academics)

*Deepti*  
Dr. (Prof.) Deepti Gupta

External Examiner



Received via email from the export

DAV University, Jalandhar  
Open House PhD Presentation and Viva Voce Examination  
Minutes of Meeting

ATTESTED  
Registrar  
DAV University, Jalandhar

Date: 29<sup>th</sup> June 2021

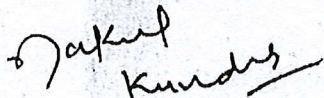
1. As per the Rules and Procedures for Ph.D. Program (Applicable from Academic Session 2016-17 onwards):

The Dean Research/Nominee and the Supervisor of the candidate will be associated with the conduct of the viva-voce to be arranged by the university. There will be a presentation by the candidate before the following committee:

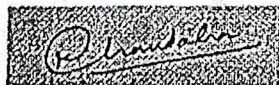
- a) Dean Research or Nominee
- b) Supervisor/supervisors of the candidate
- c) One external examiner, who has evaluated the thesis.

The quorum for holding the viva-voce examination will be three members.

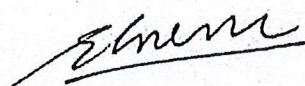
2. In the open house PhD presentation and Viva Voce examination of Ms. Navdeep Kaur, a PhD scholar of the Department of English, the following committee members were present:
  - a) Dr. R. K. Seth (Dean, Academics)
  - b) Dr. Kapil (Candidate's PhD Supervisor)
  - c) Dr. Rajesh Sharma, Professor, Department of English, Punjabi University, Patiala (External Examiner)
3. Dr. R. K. Seth (Dean, Academics) and Dr. Nakul Kundra (Coordinator, Department of English) attended the open house PhD presentation and viva voce examination offline. With the prior approval of the competent authority, Dr. Rajesh Sharma (External Examiner) attended the same online in view of the Covid-19 pandemic. Dr. Kapil (the candidate's supervisor) has left his job at DAV University and moved to Katni. He also attended the open house PhD presentation and viva voce examination online.
4. Ms. Navdeep Kaur gave an open house PhD presentation in the language lab. (AC201) on 29<sup>th</sup> June 2021. The presentation was followed by an open house discussion.
5. The external examiner, Dr. Rajesh Sharma, conducted the viva-voce examination of the candidate. He asked a number of questions related to the thesis work to her.
6. The candidate responded to the questions to the satisfaction of the external examiner.
7. The external examiner has suggested that some minor changes be incorporated in the thesis before its submission to the library and the UGC repository. Once the candidate has made those changes, the supervisor will be required to submit a certificate with regard to it along with the revised copies of the thesis.
8. The external examiner found the candidate's performance in the oral examination satisfactory.
9. On the basis of the candidate's performance in the viva-voce examination, the external examiner recommended the award of the PhD degree to her.



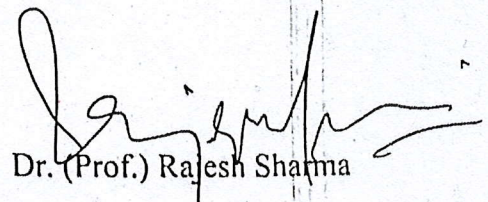
Dr. Nakul Kundra  
Coordinator (English Deptt.)



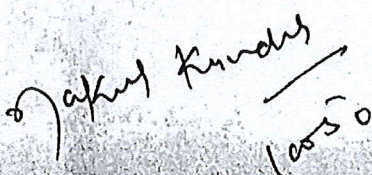
Dr. Kapil  
PhD Supervisor



Dr. R. K. Seth  
Dean (Academics)



Dr. (Prof.) Rajesh Sharma  
External Examiner

  
10550



# DAV University, Jalandhar

Dated: 10 April, 2021

Ref. No.: DAVU/2021/DA/ 899  
27/04/2021  
Ms. Isha Arora

MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Ms. Isha Arora, Ph.D. candidate, Department of Physics was conducted on 10<sup>th</sup> April, 2021 in the committee room of the University.

## Members present:

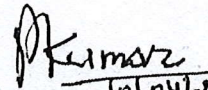
1. Dr. R.K. Seth, Dean Academics, DAV University, Jalandhar
2. Dr. P.B. Barman, Professor and Head, Department of Physics and Materials Science, JUIT, Solan (H.P.)- External examiner
3. Dr. Keshav Walia (Coordinator), Department of Physics, DAV University, Jalandhar.
4. Dr. Sandeep Kumar, Assistant Professor (Physics), Subject Expert, RAC.
5. Dr. Akshay Kumar, Assistant Professor (Chemistry), Related Subject expert, RAC.
6. Dr. Praveen Kumar, Assistant Professor (Physics), Supervisor.

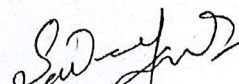
ATTESTED  
  
Registrar

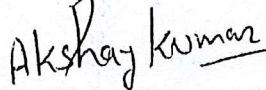
DAV University, Jalandhar

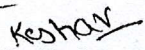
## Minutes of the meeting:

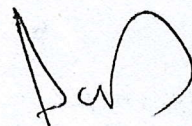
- a. The Ph.D. thesis reports of Ms. Isha Arora have been presented to the committee before conducting the viva-voce examinations.
- b. Ms. Isha Arora presented his research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. P.B. Barman raised in: thesis reports of Ms. Isha Arora and get clarifications regarding the comments.
- e. The Ph.D. student responded to the questions by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) have been made/incorporated by Ms. Isha Arora, Ph.D. student, and that have also been checked and verified by Dr. Praveen Kumar, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms. Isha Arora according to the Ph.D. regulations of the DAV University, Jalandhar.

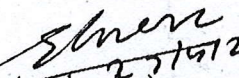
  
Dr. Praveen Kumar  
(Supervisor)

  
Dr. Sandeep Kumar  
(Member, RAC)

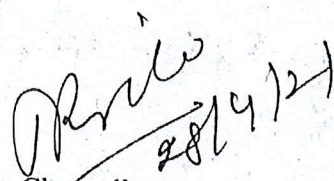
  
Dr. Akshay Kumar  
(Member, RAC)

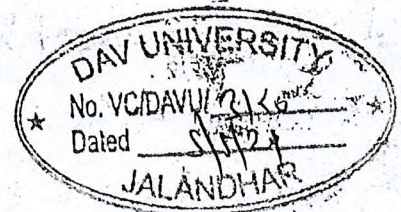
  
Dr. Keshav Walia  
(COD, Physics)

  
Dr. P.B. Barman  
(External Examiner)

  
(Dean Academics)

Deaul A J -

  
Vice-Chancellor



# DAV University, Jalandhar

Dated: 27 July 2021

Ref. No.: DAVU/2021/DA/1317

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Mr. ANKUSH KUMAR

Ph.D. Open-House Viva-Voce Examination of Mr. Ankush Kumar, Regn. No.: 11702447, Ph.D. candidate, Department of Physics was conducted vide approval number VC/DAVU/3678 dated 23 July 2021 (copy enclosed) on 27 July 2021 in the committee room of the University.

Title of the thesis: MULTIFUNCTIONALITY OF SUPERPARAMAGNETIC NANOFERRITES FOR CYTOTOXICITY AND PEROVSKITE SOLAR CELLS

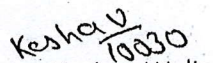
### Members present:


1. Dr. RK Seth, Dean Academics & Member RAC
2. Dr. NK Verma, Professor, School of Physics and Material Science, Thapar Institute of Engineering & Technology, Patiala - External Examiner
3. Dr Keshav Walia, Coordinator, Department of Physics
4. Dr MP Garg, Associate Professor, Department of Mechanical Engineering, Member RAC
5. Dr Gurmeet Singh – Supervisor and Member RAC

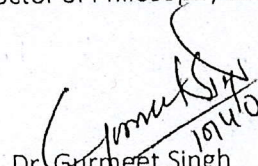
### Minutes of the meeting:


- a. The Ph.D. thesis reports of Mr. Ankush Kumar have been read by the committee before conducting the viva-voce examinations.
- b. Mr. Ankush Kumar presented his research work. The presentation covered the literature survey, problem formulation, goals & objectives, proposed work, results and inferences, validation, major conclusions, and contributions of the research.
- c. Thereafter, the Dean Academics declared the thesis open for discussion.
- d. The External Examiner, Dr. NK Verma, Professor, School of Physics and Material Science, Thapar Institute of Engineering & Technology, Patiala, RAC, asked questions raised in thesis reports of Mr. Ankush Kumar and get clarifications regarding the comments of the examiners and other members presents.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience present.
- f. The corrections/revision in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) has been made/incorporated by Mr. Ankush Kumar, Ph.D. student, and that has also been checked and verified by Dr. Gurmeet Singh, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Ankush Kumar according to UGC Regulations, 2016.

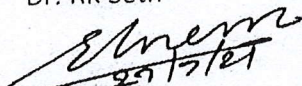
  
Dr. RK Seth

  
Keshav  
10030  
Dr. Keshav Walia

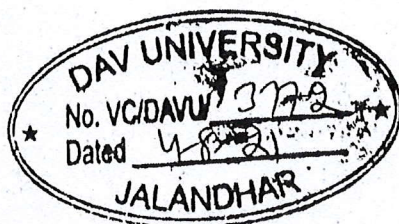
  
10323  
Dr. MP Garg

  
10140  
Dr. Gurmeet Singh

  
Dr. NK Verma  
(External Examiner)

  
27/7/21  
Dr. RK Seth  
(Dean Academics)

  
Vice-Chancellor



Dean (A)

# DAV University, Jalandhar

Dated: 19 August, 2021


Ref. No.: DAVU/2021/DA/1455

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Ms. Pooja

20/08/21

Ph.D. Open-House Viva-Voce Examination of Ms. Pooja Ph.D. candidate, Department of Physics was conducted on 19<sup>th</sup> August 2021 in the committee room of the University.

ATTESTED

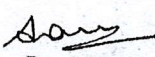
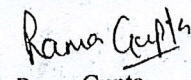
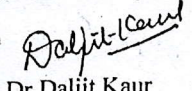
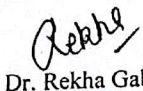
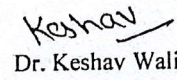
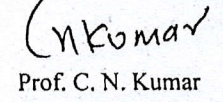
  
Registrar  
DAV University, Jalandhar

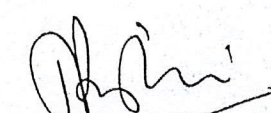
### Members present:

1. Dr. R.K. Seth, Dean Academics, DAV University, Jalandhar
2. Dr. C. N. Kumar Professor, Department of Physics, Panjab University, Jalandhar-External examiner
3. Dr. Keshav Walia (Coordinator), Department of Physics, DAV University, Jalandhar.
4. Dr. Daljit Kaur, Assistant Professor (Physics), Subject Expert, RAC.
5. Dr. Rekha Gaba, Assistant Professor (Chemistry), Related Subject expert, RAC.
6. Dr. Rama Gupta, Assistant Professor (Physics), Supervisor.
7. Dr. Anil Kumar, Assistant Professor DAV College Dasuya, Jalandhar Co-Supervisor

### Minutes of the meeting:

- a. The Ph.D. thesis reports of Ms. Pooja have been presented to the committee before conducting the viva-voce examinations.
- b. Ms. Pooja presented his research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. C. N. Kumar raised in thesis reports of Ms Pooja and get clarifications regarding the comments.
- e. The Ph.D. student responded to the questions by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) have been made/incorporated by Ms. Pooja, Ph.D. student, and that have also been checked and verified by Dr. Rama Gupta, supervisor and Dr. Anil Kumar, Co-supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms. Pooja according to the Ph.D. regulations of the DAV University, Jalandhar.

 Dr. Anil Kumar (Co-Supervisor)	 Dr. Rama Gupta (Supervisor)	 Dr. Daljit Kaur (Member, RAC)	 Dr. Rekha Gaba (Member, RAC)	 Dr. Keshav Walia (COD, Physics)	 Prof. C. N. Kumar (External Examiner)
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Vice-Chancellor

DAV UNIVERSITY  
No. VC/DAVU/14053  
Dated 19/8/21  
JALANDHAR

# DAV University, Jalandhar

Dated: 22 October 2021

Ref. No.: DAVU/2021/DA/2119

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Mr. SARBJIT SINGH

Ph.D. Open-House Viva-Voce Examination of Mr. Sarabjit Singh, Regn. No.: 11608161, Ph.D. candidate, Department of Mechanical Engineering was conducted vide approval number VC/DAVU/4349 dated 28-09-2021 (copy enclosed) on 22 October 2022 in the committee room of the University.

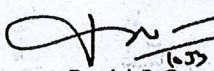

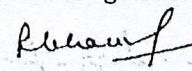
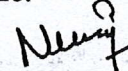
Title of the thesis: Control of shrinkage porosity in sand casting of automotive parts using simulation and optimization techniques.

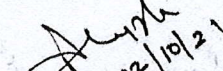
### Members present:

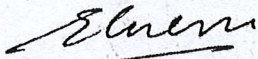
1. Dr. RK Seth, Dean Academics
2. Dr. Pardeep Gupta, Professor, Department of Mechanical Engineering, SLIET, Longowal - External Examiner
3. Dr. Rajesh Khanna – Supervisor, Professor, MMDU, Mullana
4. Dr. Neeraj Sharma – Co- Supervisor, Associate Professor, MMDU, Mullana
5. Dr. Mohinder Pal Garg, Associate Professor, Department of Mechanical Engineering, Member RAC
6. Dr. Manik Sharma, Assistant Professor, Department of computer applications, Member RAC

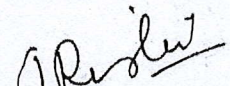
### Minutes of the meeting:

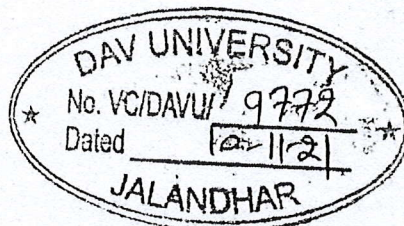
- a. The Ph.D. thesis reports of Mr. Sarabjit Singh have been read by the committee before conducting the viva-voce examinations.
- b. Mr. Sarabjit Singh presented his research work. The presentation covered the literature survey, problem formulation, goals & objectives, proposed work, results and inferences, validation, major conclusions, and contributions of the research.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. Pardeep Gupta, Professor, Department of Mechanical Engineering, SLIET, Longowal, RAC, asked questions raised in thesis reports of Mr. Sarabjit Singh and got clarifications regarding the comments of the examiners and other members present.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The suggestions in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) has been made/incorporated by Mr. Sarabjit Singh, Ph.D. student, and that has also been checked and verified by Dr. Rajesh Khanna, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Sarabjit Singh according to UGC Regulations, 2016.

     
Dr. M.P. Garg Dr. Manik Sharma Dr. Rajesh Khanna Dr. Neeraj Sharma

  
Dr. Pardeep Gupta  
(External Examiner)

  
Dr. RK Seth  
(Dean Academics)

  
Vice-Chancellor



# DAV University, Jalandhar

Dated: 23 October, 2021

Ref. No.: DAVU/2021/DA/1974

## MINUTES OF MEETING REGARDING THE Ph.D. VIVA-VOCE EXAMINATION

### OF Mr. Vanasundaram N

Ph.D. Open-House Viva-Voce Examination of Mr. Vanasundaram N, Regn. No: 11702437, Ph.D. candidate, Department of Physics was conducted on 23<sup>rd</sup> October, 2021 in the committee room of the University.

ATTESTED

Registrar

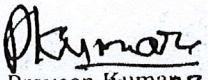
DAV University, Jalandhar


#### Members present:

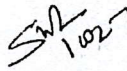
1. Dr. R.K. Seth, Dean Academics, DAV University, Jalandhar
2. Dr. K. Asokan, Scientist H, Inter University Accelerator Centre, New Delhi -External examiner
3. Dr. Keshav Walia (Coordinator), Department of Physics, DAV University, Jalandhar
4. Dr. Sandeep Kumar, Assistant Professor (Physics), Subject Expert, RAC
5. Dr. Sharanjit Singh, Assistant Professor (Mechanical Engineering), Related subject expert, RAC
6. Dr. Praveen Kumar, Assistant Professor (Physics), Supervisor


#### Minutes of the meeting:

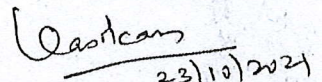
- a. The Ph.D. thesis reports of Mr. Vanasundaram N have been presented to the committee before conducting the viva-voce examinations.
- b. Mr. Vanasundaram N presented his research work. The presentation covered the details of his research work included in the thesis.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. K. Asokan raised the queries in the thesis report of Mr. Vanasundaram N and get clarifications regarding the comments.
- e. The Ph.D. student responded to the questions by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) have been made/incorporated by Mr. Vanasundaram N, Ph.D. student, and that have also been checked and verified by Dr. Praveen Kumar, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Vanasundaram N according to the Ph.D. regulations of the DAV University, Jalandhar.

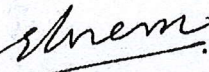
  
Dr. Praveen Kumar  
(Supervisor)

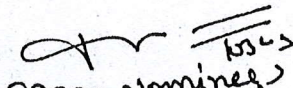
  
Dr. Sandeep Kumar  
(Member, RAC)


  
Dr. Sharanjit Singh  
(Member, RAC)

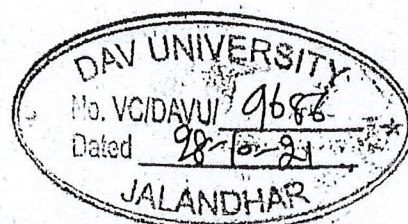
  
Dr. Keshav Walia  
(COD, Physics)

  
Dr. K. Asokan  
(External Examiner)

  
(Dean Academics)

  
(Dean Nominee)

  
Vice-Chancellor



DAVU/2022/DA/20  
14/01/22

# DAV University, Jalandhar

Dated: 12 January 2022

Ref. No.: DAVU/2022/DA/

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Mr. ABHINAV SHARD

Ph.D. Open-House Viva-Voce Examination of Mr. Abhinav Shard, Regn. No.: 11702438, Ph.D. candidate, Department of Mechanical Engineering was conducted vide approval number VC/DAVU/10249 dated 10-01-2022 (copy enclosed) on 12 January 2022 in the office of Dean Academics.

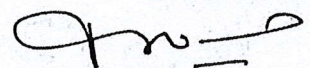
Title of the thesis: EXPERIMENTAL INVESTIGATION OF ROTARY ULTRASONIC MACHINING OF FIBER REINFORCED POLYMER COMPOSITES

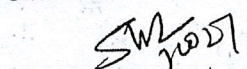
### Members present:

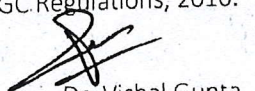
1. Dr. RK Seth, Dean Academics & Member RAC, DAV University, Jalandhar.
2. Dr. Sanjeev Kumar, Dean Academics & Professor, Department of Mechanical Engineering, Punjab Engineering College, Chandigarh --- External Examiner
3. Dr. Moinder Pal Garg – Supervisor, Member RAC, Associate Professor, DAV University, Jalandhar
4. Dr. Vishal Gupta – Co- Supervisor, Member RAC, Assistant Professor, TIET, Patiala
5. Dr. Sharanjit Singh, Assistant Professor, Member RAC, Department of Mechanical Engineering, DAV University, Jalandhar

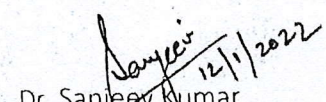
### Minutes of the meeting:

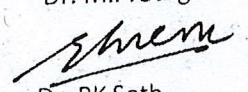
- a. The Ph.D. thesis reports of Mr. Abhinav Shard have been read by the committee before conducting the viva-voce examinations.
- b. Mr. Abhinav Shard presented his research work. The presentation covered the literature survey, problem formulation, goals & objectives, proposed work, results and inferences, validation, major conclusions, and contributions of the research.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. Sanjeev Kumar, Professor, Department of Mechanical Engineering, Punjab Engineering College, Chandigarh, RAC, asked questions raised in thesis reports of Mr. Abhinav Shard and got clarifications regarding the comments of the examiners and other members present.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The suggestions in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) has been made/incorporated by Mr. Abhinav Shard, Ph.D. student, and that has also been checked and verified by Dr. Mohinder Pal Garg, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Abhinav Shard according to UGC Regulations, 2016.

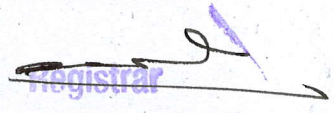
  
Dr. M.P. Garg

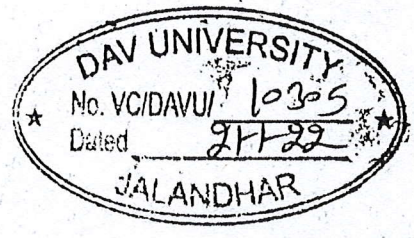
  
Dr. Sharanjit Singh

  
Dr. Vishal Gupta

  
Dr. Sanjeev Kumar  
(External Examiner)

  
Dr. RK Seth  
(Dean Academics)

  
Registrar



  
Vice-Chancellor

DAVU/2022/DA/416  
22/03/2022

## DAV University Jalandhar

Ref. No.: DAVU/CSA/656/2022

Dated: 16<sup>th</sup> March, 2022.

PhD Viva-Voce Examination of Ms. Prableen Kaur.

PhD Open-House viva-voce examination of Ms. Prableen Kaur, PhD Candidate, Department of CSA was conducted on 16<sup>th</sup> March 2022 in the committee room of university.

### Members Present

1. Dr. RK Seth, Dean Academics, DAV University Jalandhar.
2. Prof. Lalit Kumar Awasthi, Director, NIT Uttarakhand.
3. Dr. Hiteshwari Sabrol (Co-coordinator, Department of CSA, DAV University, Jalandhar.)
4. Dr. Sanjeev Kumar Sharma, Assistant Professor (CSA), Subject Expert, RAC.
5. Dr. Raj Kumar, Assistant Professor (Mathematics), Related Subject Expert, RAC
6. Dr. Manik Sharma, Assistant Professor (CSA), Supervisor.

### Minutes of Meeting

- a. The PhD thesis reports of Ms. Prableen Kaur have been presented to the committee before conducting the viva-voce examination.
- b. Ms. Prableen kaur presented her research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean Academics declared the thesis open for discussion.
- d. The external examiner, Prof. Lalit Kumar Awasthi, Director, NIT Uttarakhand raised queries in thesis reports of Ms Prableen kaur and get clarification regarding the comments.
- e. The PhD student responded to the questions by the examiners and the audience.
- f. Based on the satisfactory performance of the candidate in the open-house PhD Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Ms. Prableen Kaur according to the PhD regulations of DAV University Jalandhar.

Dr Manik Sharma  
(Supervisor)

Dr. Sanjeev Sharma  
(Member RAC)

Dr. Raj Kumar  
(Member RAC)

Dr. Hiteshwari Sabrol  
(COD, CSA)

Prof. Lalit Kumar Awasthi  
(External Examiner)

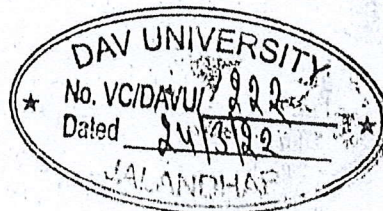
Dean Academics

Vice Chancellor

ATTESTED

Registrar

DAV University, Jalandhar





DAVU/BTY/22/152

DAVU/2022/DA/596  
11/04/2022

DAV University Jalandhar

Ref No

Dated: 9<sup>th</sup> April, 2022

**Ph.D Viva-Voce Examination of Ms. Priya Sharma**

Ph.D Open-House viva-voce examination of Ms. Priya Sharma, Ph.D Candidate, Department of Biotechnology was conducted on 9<sup>th</sup> April 2022 in the committee room of University.

**Members Present**

1. Dr. RK Seth, Dean Academics, DAV University Jalandhar
2. Dr. Ramesh Chand Kasana, Principal Scientist, ICAR-CIPHET, Ludhiana
3. Dr. Praveen Guleria, Coordinator and Supervisor, Department of Biotechnology
4. Dr. Lakhmir Singh, Assistant Professor (RAC Member)
5. Dr. Tejinder Kaur, Assistant Professor (Subject Expert)

**Minutes of Meeting**

- a) The Ph.D thesis reports of Ms. Priya Sharma have been presented to the committee before conducting the viva-voce examination
- b) Ms. Priya Sharma presented her research work. The presentation covered the details of her research work included in the thesis.
- c) Thereafter, the Dean Academics declared the thesis open for discussion.
- d) The external examiner Dr. Ramesh Chand Kasana, Principal Scientist, ICAR-CIPHET, Ludhiana raised queries in thesis reports of Ms. Priya Sharma and get clarified regarding the comments.
- e) The Ph.D student responded to the questions by the examiners and the audience.
- f) Based on the satisfactory performance of the candidate in the open-house Ph.D Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree

**ATTESTED**

**Registrar**  
**DAV University, Jalandhar**

*SK*

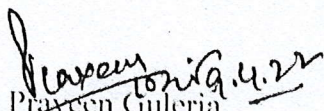
*Tejinder Kaur*  
10034

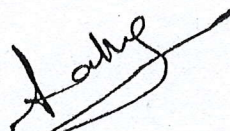
*Ramesh*

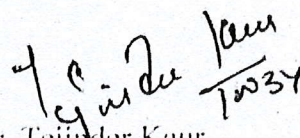
*Kasana*

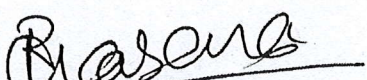
*Tejinder*

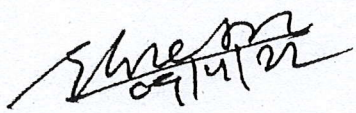
of Doctor of Philosophy to Ms. Priya Sharma according to the Ph.D regulations of DAV University, Jalandhar.


  
Dr. Praveen Guleria  
(Supervisor & Coordinator)

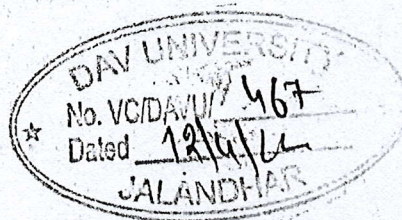
  
Dr. Lakhmir Singh  
(Member RAC)

  
Dr. Tejinder Kaur  
(Subject Expert)

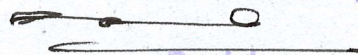
  
Dr. Ramesh Chand Kasana  
(External Examiner)

  
Dean Academics

  
Vice Chancellor



ATTESTED

  
Registrar

DAV University, Jalandhar

DAV University, Jalandhar

DAVU/2022/DA/661  
20/04/2022

Open House PhD Presentation and Viva Voce Examination

Minutes of Meeting

Date: 19<sup>th</sup> April 2022

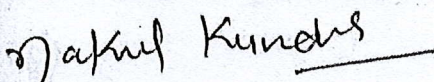
1. As per the Rules and Procedures for Ph.D. Program (Applicable from Academic Session 2016-17 onwards):

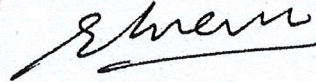
*The Dean Research/Nominee and the Supervisor of the candidate will be associated with the conduct of the viva-voce to be arranged by the university. There will be a presentation by the candidate before the following committee:*

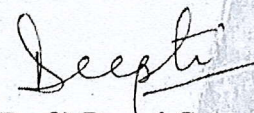
- a) Dean Research or Nominee
- b) Supervisor/supervisors of the candidate
- c) One external examiner, who has evaluated the thesis.

*The quorum for holding the viva-voce examination will be three members.*

2. In the open house PhD presentation and Viva Voce examination of Ms. Mamta, a PhD scholar of the Department of English, the following committee members were present:
  - a) Dr. R. K. Seth (Dean, Academics)
  - b) Dr. Nakul Kundra (Candidate's PhD Supervisor)
  - c) Dr. Deepti Gupta, Professor, Department of English and Cultural Studies, Panjab University, Chandigarh (External Examiner)
3. Ms. Mamta gave an open house PhD presentation in the Committee Room on 19<sup>th</sup> April 2022. The presentation was followed by an open house discussion.
4. The external examiner, Dr. Deepti Gupta, conducted the viva-voce examination for the candidate. She asked a number of questions related to the candidate's thesis work.
5. The candidate responded to the questions to the satisfaction of the external examiner.
6. The external examiner found the candidate's performance in the oral examination satisfactory.
7. On the basis of the candidate's performance in the viva-voce examination, the external examiner recommended the award of the PhD degree to her.

  
Dr. Nakul Kundra

  
Dr. R. K. Seth


  
Dr. (Prof.) Deepti Gupta

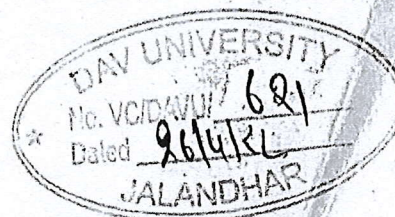
Coordinator (English Dept.)


& PhD Supervisor

Dean (Academics)

External Examiner

  
Vice-Chancellor



  
Registrar  
University, Jalandhar

ATTESTED

# DAV University, Jalandhar

Dated: 15<sup>th</sup> July, 2022

Ref. No.: DAVU/2022/DA/1164

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Ms. MONIKA GOYAL

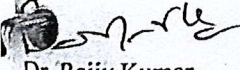
Ph.D. Open-House Viva-Voce Examination of Ms. Monika Goyal (Regn. No. 11608265), Ph.D. candidate, Department of Physics was conducted on 15<sup>th</sup> July, 2022 in the committee room of the University.

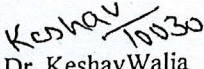
### Members present:

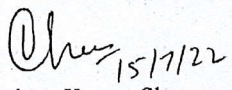
1. Dr. R.K. Seth, Dean Academics & Administrative Supervisor
2. Dr. Rajiv Kumar, Assistant Professor(Physics), Supervisor
3. Dr. Keshav Walia (Coordinator & Subject Expert, RAC), Department of Physics, DAV University, Jalandhar.
4. Dr. Fakir Chand, Professor & Chairperson, Physics Department, Kurukshetra University, Kurukshetra, Haryana, India
5. Dr. Sanjeev Kumar Sharma, Assistant Professor (Computer Science & Applications), related subject expert, RAC.

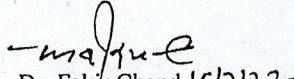
### Minutes of the meeting:

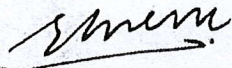
- a. The Ph.D. thesis reports of Ms. Monika Goyal have been presented to the committee before conducting the viva-voce examinations.
- b. Ms. Monika Goyal presented her research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean Academic declared the thesis open for discussion.
- d. The External Examiner, Dr. Fakir Chand raised the points in thesis reports of Ms. Monika Goyal and get clarifications regarding the comments.
- e. The Ph.D. student responded to the questions by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s), if any, have been made/incorporated by Ms. Monika Goyal, Ph.D. student, and that have also been checked and verified by Dr. Rajiv Kumar (Supervisor) and a certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms. Monika Goyal according to the Ph.D. regulations of the DAV University, Jalandhar.

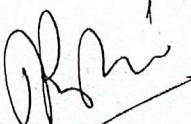
  
Dr. Rajiv Kumar  
(Supervisor)

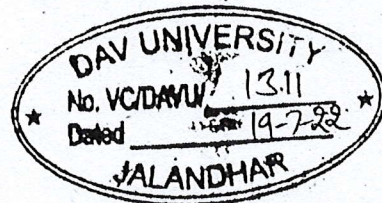
  
Dr. Keshav Walia  
(COD, Physics)

  
Dr. Sanjeev Kumar Sharma  
(External Member, RAC)

  
Dr. Fakir Chand  
(External Examiner)

  
(Dean Academics)

  
Vice-Chancellor



**ATTESTED**

Registrar  
DAV University, Jalandhar

DAVU/2022/OA/1401

29/8/22

## DAV University Jalandhar

Ref. No.: DAVU/CSA/703/2022

Dated: 25<sup>th</sup> August 2022

### PhD Viva-Voce Examination of Ms Ritu Gautam.

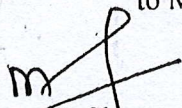
PhD Open-House viva-voce examination of Ms Ritu Gautam (Registration Number: 11702434), PhD Candidate, Department of CSA was conducted on 25<sup>th</sup> August 2022 in the committee room of the university.

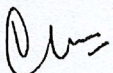
### Members Present

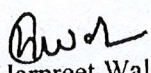
1. Dr RK Seth, Dean Academics, DAV University Jalandhar.
2. Dr. Lalit Kumar Awasthi, Director, NIT Utrakhand, External Examiner.
3. Dr Manik Sharma, Associate Professor (CSA), Supervisor.
4. Dr Hiteshwari Sabrol, Associate Professor and Co-coordinator (CSA)
5. Dr Sanjeev Kumar Sharma, Associate Professor (CSA), member RAC.
6. Dr Harpreet Walia, Assistant Professor (Botany & Environment Studies), member RAC.

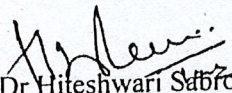
### Minutes of Meeting

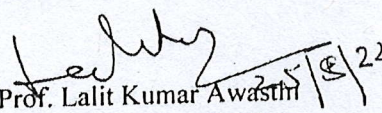
- a. The PhD thesis reports of Ms Ritu Gautam have been presented to the committee before conducting the viva-voce examination.
- b. Ms Ritu Gautam presented her research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean of Academics declared the thesis open for discussion.
- d. The external examiner, Prof. Lalit Kumar Awasthi, Director, NIT Utrakhand raised queries in the thesis reports of Ms Ritu Gautam and get clarification regarding the comments.
- e. The PhD student well responded to the questions by the examiners and the audience.
- f. The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Ms. Ritu Gautam and that has also been checked and verified by Dr. Manik Sharma supervisor and experts and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house PhD Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Ms Ritu Gautam according to the PhD regulations of DAV University Jalandhar.

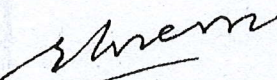
  
Dr Manik Sharma  
(Supervisor)

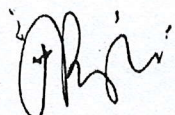
  
Dr Sanjeev Sharma  
(Member RAC)

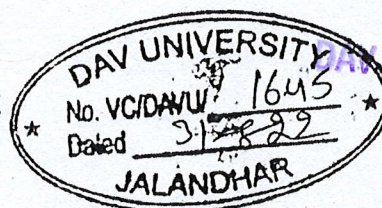
  
Dr Harpreet Walia  
(Member RAC)

  
Dr Hiteshwari Sabrol  
(COD, CSA)

  
Prof. Lalit Kumar Awasthi  
(External Examiner)

  
Dean Academics

  
Vice Chancellor



ATTESTED

Registrar

DAV University, Jalandhar

# DAV UNIVERSITY, JALANDHAR

Minutes of Meeting Open-House viva-voce examination of Ms. Rhythm Walia, Reg. No. 11900960.


The PhD Open-House viva-voce examination of Ms. Rhythm Walia, Reg. No. 11900960, PhD candidate, Department of Psychology was conducted on Sept. 08, 2022 in the committee room of the university.

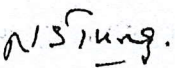
Members Present:

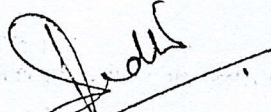
1. Dr. R.K Seth, Dean (Academics)
2. Prof. N.S. Tung (External Expert)
3. Dr. Jasbir Rishi, Supervisor
4. Dr. Kamaljeet Kaur, Dean (Law)
5. Dr. Gitika Nagrath, Associate Professor, CBM&E

Proceeding:


- (i) The PhD thesis reports of Ms. Rhythm Walia have been presented to the committee before conducting the viva-voce examination.
- (ii) Ms. Rhythm Walia presented her research work. The presentation covered the details of her research work included in the thesis.
- (iii) Thereafter, the Dean of Academics declared the thesis open for discussion.
- (iv) The external examiner, Prof. N.S. Tung, Guru Nanak Dev University raised queries in the thesis reports of Ms. Rhythm Walia and get clarification regarding the comments.
- (v) The PhD student well responded to the questions by the examiners and the audience.
- (vi) The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Ms. Rhythm Walia and that has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- (vii) Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Ms. Rhythm Walia according to the PhD regulations of DAV University, Jalandhar.

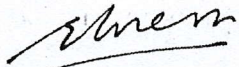
  
(Dr. Jasbir Rishi)  
Supervisor

  
(Prof. N.S. Tung)  
External Expert

  
(Dr. Kamaljeet Kaur)  
RAC Member

  
(Dr. Gitika Nagrath)  
RAC Member

  
Vice-Chancellor

  
(Dr. R.K Seth)  
Dean (Academics)

  
Registrar  
DAV University, Jalandhar

DAVU/2023/200/254  
23/1/2023

# DAV UNIVERSITY, JALANDHAR

Minutes of Meeting of viva-voce examination of Ms. Subham Kapil, Reg. No. 11702472.

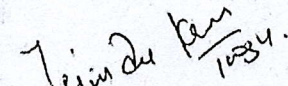
The PhD Viva-Voce examination of Ms. Subham Kapil, Reg. No. 11702472, PhD candidate, Department of Zoology was conducted on January 21, 2023 in the committee room of the university.

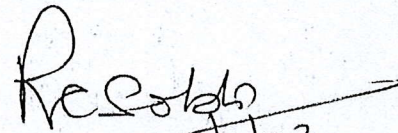
Members Present:

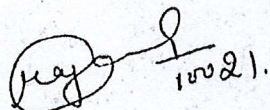
1. Prof. R.C Sobti (External Expert)
2. Dr. Tejinder Kaur, Supervisor
3. Dr. Ashish Sharma, Dean Nominee
4. Dr. Parveen Guleria, Assistant Professor, Biotechnology (RAC Member)
5. Dr. Raj Bala, Assistant Professor, Botany & Environmental Science (RAC Member)

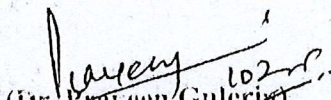
Proceeding:

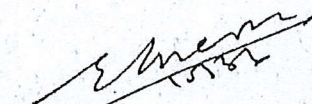
- (viii) The PhD thesis reports of Ms. Subham Kapil, Reg. No. 11702472 have been presented to the committee before conducting the viva-voce examination.
- (ix) Ms. Subham Kapil presented her research work. The presentation covered the details of her research work included in the thesis.
- (x) Thereafter, the Dr. Tejinder Kaur, Supervisor declared the thesis open for discussion.
- (xi) The external examiner, Prof. R. C. Sobti, Former Vice-Chancellor, Panjab University, Chandigarh raised queries in the thesis reports of Ms. Subham Kapil and get clarification regarding the comments.
- (xii) The PhD student well responded to the questions by the examiners and the audience.
- (xiii) The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Ms. Subham Kapil and that has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- (xiv) Based on the satisfactory performance of the candidate in the open-house PhD Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Ms. Subham Kapil according to the PhD regulations of DAV University, Jalandhar.

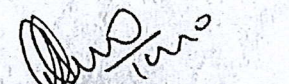
  
(Dr. Tejinder Kaur)  
Supervisor

  
(Prof. R. C. Sobti)  
External Expert

  
(Dr. Raj Bala)  
RAC Member

  
(Dr. Parveen Guleria)  
RAC Member

  
Vice-Chancellor

  
(Dr. Ashish Sharma)  
Dean Nominee

**ATTESTED**  
  
Registrar  
DAV University, Jalandhar

DAVU/2023/DA/177

DAVU/2023/DA/264  
2/3/23

DAV University, Jalandhar  
Department of Computer Science and Applications

Ref. No.:

Dated: 11<sup>th</sup> February, 2023

Ph.D. Viva-Voce Examination of Mr. Vikas Verma.

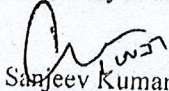
Ph.D. open house viva-voce examination of Mr. Vikas Verma, Ph.D. candidate, Department of CSA was conducted on 11<sup>th</sup> February, 2023 in Room number AC14, Academic Block 1 at DAV University.

Members present:

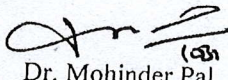
1. Dr. R K Seth, Dean Science and Engineering, DAV University, Jalandhar, External Expert
2. Prof. Vishal Goyal, Department of Computer science, Punjabi University Patiala.
3. Dr Arvind Mahindru (Associate Professor and Coordinator), Department of CSA.
4. Dr. Mohinder Pal Garg, Associate Professor, Department of Mechanical Engineering. Related Subject Expert, RAC
5. Dr. Rahul Hans, Associate Professor, Department of Computer Science and Engineering. Subject Expert, RAC
6. Dr. Sanjeev Kumar Sharma (Associate Professor and Supervisor), Department of CSA, Supervisor

Minutes of Meeting:

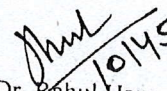
1. Ph.D. thesis report of Mr. Vikas Verma have been presented to the committee before conducting the viva-voce examination.
2. Mr. Vikas Verma presented his research work. The presentation covered the details of his research work included in the thesis.
3. Thereafter, the Dean Science and Engineering declared the thesis open for discussion.
4. The external examiner, Dr. Vishal Goyal raised queries in thesis reports of Mr. Vikas Verma and get clarification regarding the comments.
5. The Ph.D. student responded to the questions by the examiners and the audience.
6. Based on the satisfactory performance of the candidate in the open house Ph.D. Viva-Voce examination and the recommendation of the external examiner and member of RAC, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Mr. Vikas Verma according to the Ph.D. regulations of DAV University Jalandhar.

  
Dr. Sanjeev Kumar  
Sharma

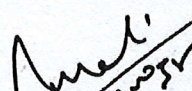
(Supervisor)

  
Dr. Mohinder Pal  
Garg

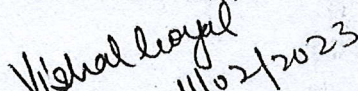
(Member RAC)

  
Dr. Rahul Hans

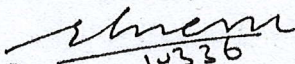
(Member RAC)

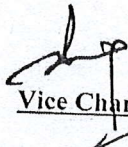
  
Dr. Arvind Mahindru

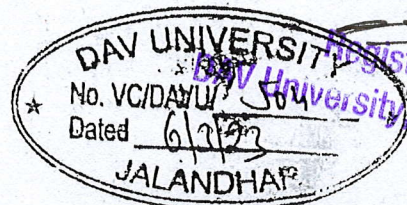
(COD, CSA)

  
Prof. Vishal Goyal

(External Examiner)

  
Dean (Science and Engineering)

  
Vice Chancellor





# DAV University, Jalandhar

Dated: 25 May, 2023

Ref. No.: DAVU/2023/DA/651  
26/5/23

## REPORT

### Ph.D. VIVA-VOCE EXAMINATION OF Mr. Arshdeep Singh

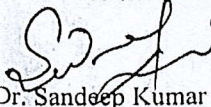
Ph.D. Open-House Viva-Voce Examination of Mr. Arshdeep Singh, Regd. No: 11702448, Ph.D. candidate, Department of Physics was conducted on 25<sup>th</sup> May, 2023 in room no. AC-14 (Academic Block-I) of the University.

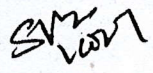
#### Members present:

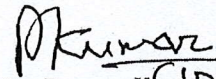
1. Dr. R.K. Seth, Dean Science and Engineering, DAV University, Jalandhar
2. Dr. Pankaj Thakur, Associate Professor, Special Centre for Nano Science, Jawaharlal Nehru University, New Delhi -External examiner
3. Dr. Keshav Walia (Coordinator), Department of Physics, DAV University, Jalandhar
4. Dr. Praveen Kumar, Associate Professor (Physics, Subject Expert, RAC
5. Dr. Sharanjit Singh, Assistant Professor (Mechanical Engineering), Related subject expert
6. Dr. Sandeep Kumar, Assistant Professor (Physics), Supervisor

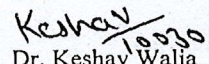
#### Minutes of the meeting:

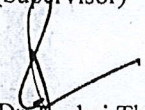
- a. The Ph.D. thesis reports of Mr. Arshdeep Singh have been presented to the committee before conducting the viva-voce examinations.
- b. Mr. Arshdeep Singh presented his research work. The presentation covered the details of his research work included in the thesis.
- c. Thereafter, the Dean Science and Engineering declared the thesis open for discussion.
- d. The External Examiner, Dr. Pankaj Thakur raised the queries in the thesis report of Mr. Arshdeep Singh and got clarifications regarding the comments.
- e. The Ph.D. student responded to the questions from the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) have been made/incorporated by Mr. Arshdeep Singh, Ph.D. student, and that have also been checked and verified by Dr. Sandeep Kumar, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Arshdeep Singh according to the Ph.D. regulations of the DAV University, Jalandhar.

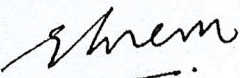
  
Dr. Sandeep Kumar  
(Supervisor)

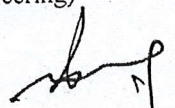
  
Dr. Sharanjit Singh  
(Member, Related subject expert)

  
Dr. Praveen Kumar  
(Member, RAC)

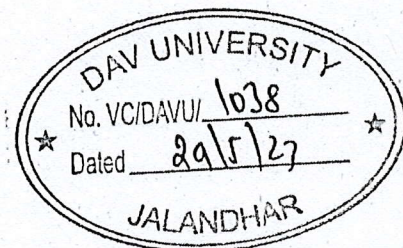
  
Dr. Keshav Walia  
(COD, Physics)

  
Dr. Pankaj Thakur  
(External Examiner)

  
Dr. R. K. Seth  
(Dean Science and Engineering)

  
Vice-Chancellor

**ATTESTED**  
  
Registrar  
DAV University, Jalandhar



**Minutes of Meeting of viva-voce examination of Mr. Manish Thakur, Regd. No. 11801884**

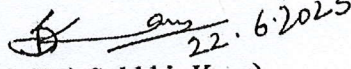
The PhD Viva-Voce examination of Mr. Manish Thakur, Regd. No. 11801884 PhD candidate, Department of Microbiology was conducted on June 22, 2023 at 10:30 AM in the committee room of the university.

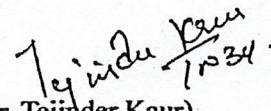
**Members Present:**

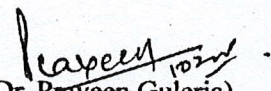
- 1) Prof. (Dr) Sukhbir Kaur (External expert)
- 2) Dr. Tejinder Kaur, Supervisor
- 3) Dr. Harpreet Walia, Dean nominee
- 4) Dr. Parveen Guleria, Assistant Professor, Biotechnology (RAC Member)
- 5) Dr. Raj Bala, Assistant Professor, Botany & Environmental Science (RAC Member)


**Proceeding:**

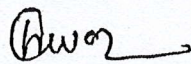
- (i) The PhD thesis reports of Mr. Manish Thakur, Regd. No. 11801884, have been presented to the committee before conducting the viva-voce examination.
- (ii) Mr. Manish Thakur presented his research work. The presentation covered the details of his research work included in the thesis.
- (iii) Thereafter, the Dr. Tejinder Kaur, Supervisor declared the thesis open for discussion.
- (iv) The external examiner, Prof. (Dr) Sukhbir Kaur, Professor, Department of Zoology, Panjab University, Chandigarh raised some queries which were suitably answered by PhD student.
- (v) The PhD student well responded to the questions raised by the RAC members and the audience.
- (vi) The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Mr. Manish Thakur and that has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- (vii) Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Mr. Manish Thakur according to the PhD regulations of DAV University, Jalandhar.

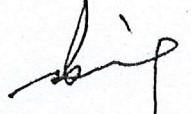
  
(Prof. (Dr) Sukhbir Kaur)  
External Expert


  
(Dr. Tejinder Kaur)  
Supervisor

  
(Dr. Parveen Guleria)  
RAC member

  
(Dr. Raj Bala)  
RAC member

  
(Dr. Harpreet Walia)  
Dean nominee

  
(Vice-Chancellor)

  
Registrar  
DAV University, Jalandhar

# DAV University, Jalandhar

Dated: 8/7/23

Ref no. DAW/2023/DA/811  
8/7/23

## Report Ph.D. Viva-Voce examination of Mr Sumeet Parkash Kaundal (Reg. No. 11702451).

The PhD Viva-Voce examination of Mr Sumeet Parkash Kaundal (Reg. No. 11702451), PhD candidate, Department of Biotechnology was conducted on 8<sup>th</sup> July, 2023 in the seminar room of the central research lab of DAV University.

### Members Present:

1. Dr. Pratap Kumar Pati, Professor and Head (External Expert, GNDU Amritsar)
2. Dr. Tejinder Kaur, Department of Zoology (Dean Nominee)
3. Dr. Rahul Kumar, Associate Professor, Faculty of Agricultural Sciences (Supervisor)
4. Dr. Ashutosh Sharma, Associate Professor, Faculty of Agricultural Sciences (RAC Member)
5. Dr. Lakhmir Singh, Assistant Professor, Head, Department of Biotechnology (RAC Member)
6. Dr. Yeshbeer Singh, In-charge, Facilitation Committee and Associate Professor & Head Department of Physical Education
7. Dr Praveen Guleria, Assistant professor, Department of Biotechnology (RAC Member)
8. Mr Sanjeev Kumar Dhiman, Assistant professor, Department of Computer Science and Engineering

### Proceedings:

- I. The PhD thesis reports of Mr Sumeet Parkash Kaundal (Reg. No. 11702451) were presented to the committee before conducting the viva-voce examination.
- II. Mr Sumeet Parkash Kaundal presented his research work. The presentation covered the details of his research work included in the thesis.
- III. Thereafter, the Dean Nominee declared the thesis open for discussion.
- IV. The external examiner, Prof. Dr P.K. Pati, (External Expert, GNDU Anrirtsar) raised queries in the thesis reports of Mr Sumeet Parkash Kaundal and got clarification regarding the comments.
- V. The PhD student responded to the questions by the examiners and the audience.
- VI. The corrections/revisions in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Mr Sumeet Parkash Kaundal and that has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- VII. Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr Sumeet Parkash Kaundal as per the PhD regulations of DAV University, Jalandhar.

Prof. (Dr) P.K. Pati (External Expert)

Dr. Tejinder Kaur

Dr. Lakhmir Singh

Dr Praveen Guleria

Dr Ashutosh Sharma

Dr Rahul Kumar

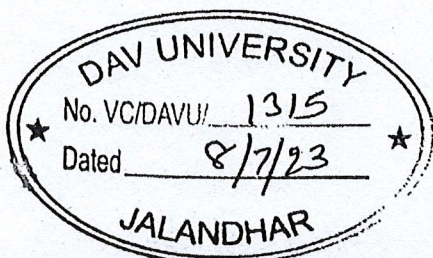
Dr Yeshbeer Singh

Mr Sanjeev K. Dhiman

Dr. R.K. Seth

Dean (Sciences & Engineering), In-Charge, Ph.D. Programme

Vice-Chancellor



ATTESTED  
Registrar  
DAV University, Jalandhar

DAU/2023/OA/907  
26/7/23

Department of Microbiology  
DAV University, Jalandhar

Report

Dated 20<sup>th</sup> July, 2023  
Ref. no. D.A.U./Mic/2023-24/02

**Ph.D. Viva-Voce examination of Ms. Pooja Sharma (Reg. No. 11702446)**


The PhD Viva-Voce examination of Ms. Pooja Sharma (Reg. No. 11702446), PhD candidate, Department of Microbiology was conducted on 20<sup>th</sup> July, 2023 in the seminar room of the central research lab of DAV University.

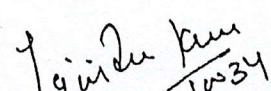
**Members Present:**

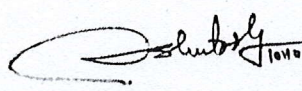
1. Prof (Dr.) Azra N. Kamili, Professor and Head, Central University of Kashmir (External Expert, connected online)
2. Dr. Tejinder Kaur, Department of Zoology (Dean Nominee)
3. Dr. Ashutosh Sharma, Associate Professor, Faculty of Agricultural Sciences (Supervisor)
4. Prof. (Dr.) Renu Bhardwaj, Director Research, GNDU, Amritsar (Co-Supervisor, connected online)
5. Dr. Anju Pathania, Faculty of Agricultural Sciences (Member)
6. Dr. Rahul Kumar, Faculty of Agricultural Sciences (Member)
7. Dr. Praveen Guleria, (Coordinator, Department of Microbiology)

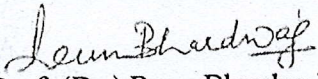
**Proceedings:**

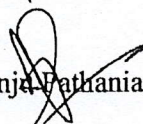
- I. The PhD thesis reports of Ms. Pooja Sharma (Reg. No. 11702446) were presented to the committee before conducting the viva-voce examination.
- II. The external examiner and the co-supervisor were connected online via google meet link: <https://meet.google.com/hnw-qezz-hio>
- III. She presented her research work in the form of a power point presentation that covered the details of her research work included in the thesis.
- IV. Thereafter, the Dean Nominee declared the thesis open for discussion.
- V. The external examiner, Prof. Azra N. Kamili (Professor, Central University of Kashmir) raised some queries as Ms. Pooja Sharma successfully defended her research.
- VI. The PhD student responded to the questions by the examiners and the audience.
- VII. There is no need of corrections/revisions in the thesis, since both the external examines recommended the acceptance of the thesis in its present form.
- VIII. Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms. Pooja Sharma as per the PhD regulations of DAV University, Jalandhar.

  
Prof. (Dr.) Azra N. Kamili

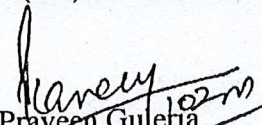
  
Dr. Tejinder Kaur


  
Dr. Ashutosh Sharma

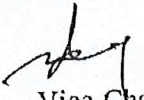
  
Prof. (Dr.) Renu Bhardwaj

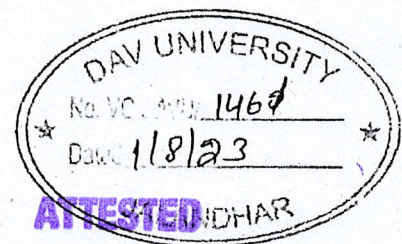
  
Dr. Anju Pathania

  
Dr. Rahul Kumar

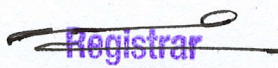
  
Dr. Praveen Guleria  
(Coordinator)

  
Dr. R.K. Seth  
Dean (Sciences & Engineering), In-Charge, Ph.D. Programme

  
Vice-Chancellor



ATTESTED JALANDHAR

  
Registrar

DAV University, Jalandhar

VC 1609

DAVU/2023/DA/979

7/27/23

Dated: 27-07-2023

DAV University, Jalandhar  
Department of Botany and Environment Science

Ref No. DAVU/BES/2023- 20

Report

Ph.D. viva-voce examination of Ms. Gurjit Kaur, Reg. No. 11702440.

The PhD Viva-Voce examination of Ms. Gurjit Kaur, Reg. No. 11702440, PhD candidate, Department of Botany and Environment Science was conducted on July 27, 2023 in seminar room of the central research lab of university.

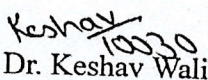
Members Present:

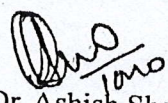
1. Prof. S. K. Guru (External Expert, connected online)
2. Dr. Ashish Sharma, Supervisor
3. Dr. Keshav Walia, Dean Nominee
4. Dr. Harpreet Walia, Co-Supervisor
5. Dr. Raj Bala (Member)

Proceedings:

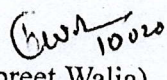
- (i) The PhD thesis reports of Ms. Gurjit Kaur, Reg. No. 11702440 have been presented to the committee before conducting the viva-voce examination.
- (ii) The external examiner connected online via google meet link: [meet.google.com/sjw-strk-owq](https://meet.google.com/sjw-strk-owq)
- (iii) She presented her research work in the form of a power point presentation that covered the details of her research work included in the thesis.
- (iv) Thereafter, the Dean Nominee declared the thesis open for discussion.
- (v) The external examiner, Prof. S. K Guru (Professor and Head, Department of Plant Physiology, College of Basic Sciences and Humanities, G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand) raised some queries as Ms. Gurjit Kaur successfully defended her research.
- (vi) The PhD student responded to the questions by the examiners and the audience.
- (vii) The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Ms. Gurjit Kaur and were also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- (viii) Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms. Gurjit Kaur as per the PhD regulations of DAV University, Jalandhar.

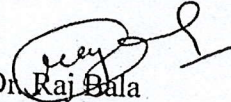
  
Dr. S. K. Guru

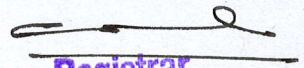
  
Dr. Keshav Walia


  
Dr. Ashish Sharma

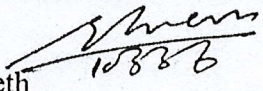
ATTESTED

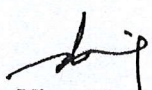
  
(Dr. Harpreet Walia)

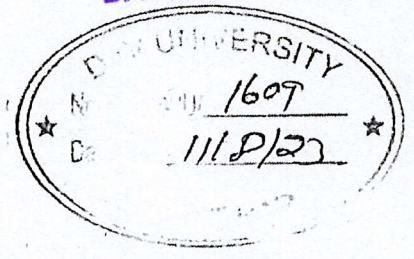
  
Dr. Raj Bala

  
Registrar  
DAV University, Jalandhar

  
Dr. Ashish Sharma  
Coordinator, Department of Botany and Environment Science

  
Dr. R. K. Seth  
Dean (Sciences & Engineering), In-Charge Ph.D. Programme

  
Vice-Chancellor



VC 2191

# DAV University, Jalandhar

Dated: September 22, 2023

Ref. No.: DAVU/2023/DA/1169

## MINUTES OF MEETING REGARDING Ph.D. VIVA-VOCE EXAMINATION OF Ms. Kirandeep Kaur Matharu

Kaur Matharu

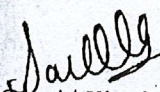
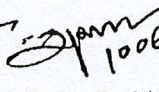
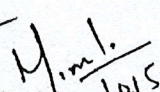
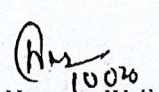
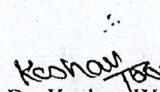
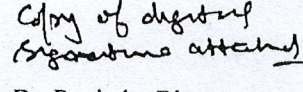
Ph.D. Open-House Viva-Voce Examination of Ms. Kirandeep Kaur Matharu, Ph.D. candidate, Department of Physics was conducted on 22 September, 2023 via online mode (as the candidate is currently in CANADA).

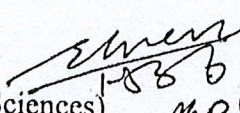
### Committee Members present:

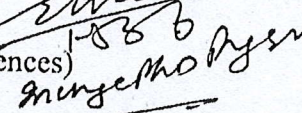
1. Dr. R.K. Seth, Dean Sciences, DAV University, Jalandhar
2. Dr. Ravinder Dhar, Professor and Coordinator, Centre of Materials Science, University of Allahabad - External examiner
3. Dr. Keshav Walia (Coordinator), Department of Physics, DAV University, Jalandhar.
4. Dr. Mamta Rani, Assistant Professor (Physics), Subject Expert, RAC.
5. Dr. Harpreet Walia, Assistant Professor, Related Subject expert, RAC.
6. Dr. Samriti Khosla, Associate Professor (Physics), Supervisor.
7. Dr. Sapna Sethi, Associate Professor (Chemistry), Co-Supervisor

### Minutes of the meeting:

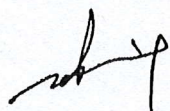
- a. The Ph.D. thesis reports of Ms Kirandeep Kaur Matharu have been presented to the committee before conducting the viva-voce examinations.
- b. Ms Kirandeep Kaur Matharu presented her research work. The presentation covered the details of her research work included in the thesis.
- c. Thereafter, the Dean Sciences declared the thesis open for discussion.
- d. The External Examiner, Dr. Ravinder Dhar raised queries to Ms Kirandeep Kaur and get clarifications regarding the comments.
- e. The Ph.D. student responded to the questions by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) have been made/incorporated by Ms Kirandeep Kaur Matharu, Ph.D. student, and that have also been checked and verified by Dr. Samriti Khosla, supervisor and the certificate for the same has been submitted by the supervisor(s).
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Ms Kirandeep Kaur Matharu according to the Ph.D. regulations of the DAV University, Jalandhar.

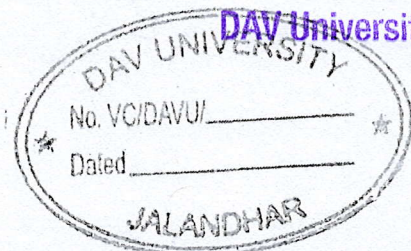
 Dr. Samriti Khosla (Supervisor)	 Dr Sapna Sethi (Co supervisor)	 Dr. Mamta Goel (Member, RAC)	 Dr. Harpreet Walia (Member, RAC)	 Dr. Keshav Walia (COD, Physics)	 Dr. Ravinder Dhar (External Examiner)
--	--	--	--	---	---

  
(Dean Sciences)



Submitted for approval

  
Vice-Chancellor



**ATTESTED**



**Registrar**  
DAV University, Jalandhar

## DAV UNIVERSITY, JALANDHAR

## Department of Biotechnology

No. DAVU/BTY/23/60

Date: 19/10/23

## Minutes of meeting of Ph.D. Viva Voce Examination of Ms. Jyoti Sharma

Ph.D. Open House viva voce examination of Ms. Jyoti Sharma, Ph.D. Candidate (Reg. No. 11702470) Department of Biotechnology was conducted on 14<sup>th</sup> October, 2023 in Seminar room of Academic Block 1 of University.

## Members Present

This is for your kind information that thesis evaluation reports of Ms. Jyoti Sharma, (Reg. No. 11702470) Ph.D. student in Department of Biotechnology have been received. A meeting of RAC to conduct further modalities was held. As proposed in RAC meeting (proceeding attached) you are requested to allow the following.

- Dr. P. K. Pati, Professor & Head, Department of Biotechnology, GNDU, Amritsar (Examiner)
- Dr. Yogesh Kumar, Supervisor
- Dr. Praveen Guleria, Coordinator Department of Microbiology
- Dr. Lakhmir Singh, Coordinator Department of Biotechnology
- Dr. Tejinder Kaur, Coordinator Department of Zoology (Dean Nominee)
- Dr. R. K. Seth, Dean Science & Engineering

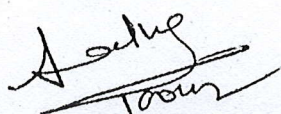
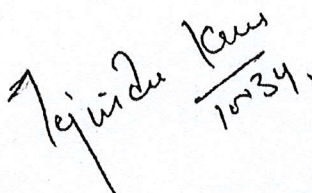
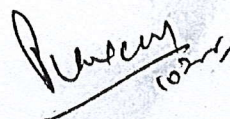
1. The Ph.D. thesis reports of Ms. Jyoti Sharma were presented before conducting the viva voce examination.
2. Ms. Jyoti Sharma presented her research work before the committee, which covered the details of her research work included in the thesis.
3. Dean Science & Engineering declared the thesis open for discussion.
4. External examiner Dr. P. K. Pati raised the queries on thesis reports and sought clarification regrading comments.
5. Ms. Jyoti Sharma responded to all the queries raised by examiner and audience.
6. The corrections/revision in the Ph.D. theses that were suggested by the external examiner(s) if any have been made/incorporated by Ms. Jyoti Sharma and has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.

ATTESTED

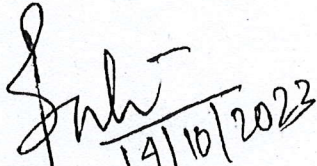


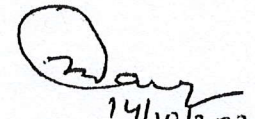
Registrar

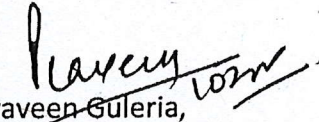
DAV University, Jalandhar

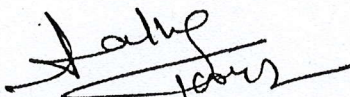




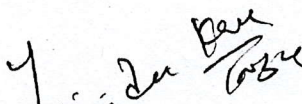
7. Based on satisfactory performance of the candidate in open house Ph.D. viva voce examination and the recommendation of the external examiner, RAC, and other members on thesis, the committee unanimously recommend the award of the degree of Doctor of Philosophy to Ms. Jyoti Sharma according to the Ph.D. regulation of DAV University, Jalandhar.

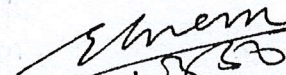
  
14/10/2023  
Dr. P. K. Pati, (Examiner)

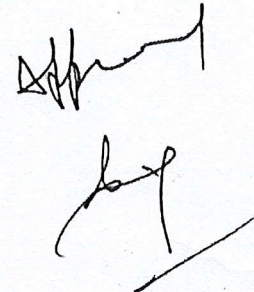
  
14/10/2023  
Dr. Yogesh Kumar (Supervisor)

  
Dr. Praveen Guleria,  
(Coordinator Department of  
Microbiology)

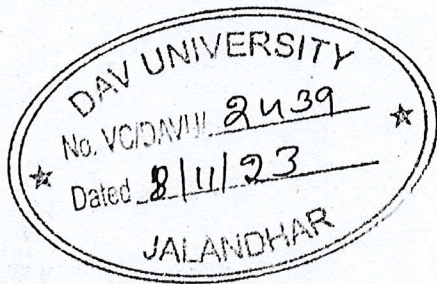
  
Dr. Lakhmir Singh, Coordinator  
Department of Biotechnology

  
Dr. Tejinder Kaur (Dean  
Nominee)

  
Dr. R. K. Seth,  
(Dean Science & Engineering)



v/c chancellor



**ATTESTED**  
  
**Registrar**  
**DAV University, Jalandhar**



2302

DAVU/2023/DA/1219  
17/10/23

DAV University, Jalandhar  
Department of Biochemistry

Dated: 14-10-2023

Ref No. DAVU/BES/2023- 35

Report

Ph.D. viva-voce examination of Mr. Anuj Sharma, Reg. No. 11801892.

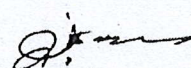
The PhD Viva-Voce examination of Mr. Anuj Sharma, Reg. No. 11801892, PhD candidate, Department of Biochemistry was conducted on October 14, 2023 in committee room of the administrative block of the university.

Members Present:

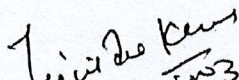
1. Prof. Sukesh C. Sharma (External Expert)
2. Dr. Karan Paul, Supervisor (Joined online)
3. Dr. Tejinder Kaur, Member
4. Dr. Ashutosh Sharma, Member
5. Dr. Ashish Sharma, Coordinator
6. Dr. Sandeep Kumar, Dean Nominee

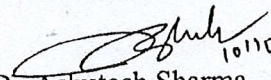
Proceedings:

- (i) The PhD thesis reports of Mr. Anuj Sharma, Reg. No. 11801892 have been presented to the committee before conducting the viva-voce examination.
- (ii) The supervisor connected online via google meet link: <https://meet.google.com/gff-vuvq-usw>
- (iii) He presented his research work in the form of a power point presentation that covered the details of his research work included in the thesis.
- (iv) Thereafter, the Dean Nominee declared the thesis open for discussion.
- (v) The external examiner, Prof. S. C. Sharma (Professor, Department of Biochemistry, Panjab University, Chandigarh) raised some queries as Mr. Anuj Sharma successfully defended his research.
- (vi) The PhD student responded to the questions by the examiners and the audience.
- (vii) The correction/revision in the PhD thesis that were suggested by the external examiner (s) if any have been made/incorporated by Mr. Anuj Sharma and were also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- (viii) Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Anuj Sharma as per the PhD regulations of DAV University, Jalandhar.

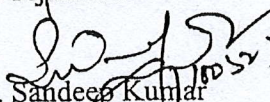
  
Dr. S. C. Sharma


  
Dr. Karan Paul

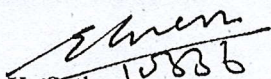
  
Dr. Tejinder Kaur

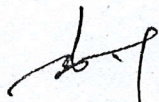
  
Dr. Ashutosh Sharma

  
Dr. Ashish Sharma

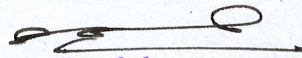
  
Dr. Sandeep Kumar

  
Coordinator, Department of Biochemistry

  
Dr. R. K. Seth  
Dean (Sciences & Engineering), In-Charge Ph.D. Programme

  
Vice-Chancellor

ATTESTED

  
Registrar  
DAV University, Jalandhar

DAV UNIVERSITY  
No. VC/DAVU/ 2302  
Dated 18/10/23  
JALANDHAR

46 2345

DAV UNIVERSITY, JALANDHAR  
DEPARTMENT OF PHYSICAL EDUCATION

Dated: 20/10/2023

Ref. No.: DAVU/2023/DA/1236  
20/10/23

REPORT

**The Ph.D. viva-voce examination of Mr. Manroop Singh, Reg.no. 11901058**

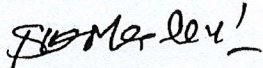
The Ph.D. viva-voce examination of Mr. Manroop Singh, Reg.no. 11901058, department of physical education was conducted on October 20, 2023, in the seminar room of central research laboratory academic block 1 of the university.

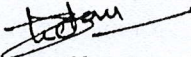
**Member Present:**

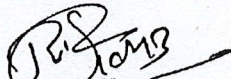
- |                        |                  |
|------------------------|------------------|
| 1. Dr. Suresh Malik    | -External Expert |
| 2. Dr. Yeshbeer Singh  | -Supervisor      |
| 3. Dr. Chetan Sharma   | -Co-supervisor   |
| 4. Dr. Rahul Kumar     | -Dean Nominee    |
| 5. Dr. Sharanjit Singh | -Member          |
| 6. Mr. C. P. Singh     | -Member          |

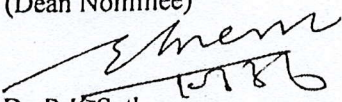
**Proceedings:**

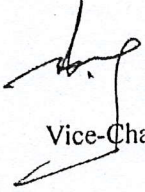
- The PhD thesis reports of Mr. Manroop Singh, Reg. No. 11901058-have been presented to the committee before conducting the viva-voce examination.
- He presented his research work in the form of a power point presentation that covered the details of his research work included in the thesis.
- Thereafter, the Dean Nominee declared the thesis open for discussion.
- The external examiner, Dr. Suresh Malik (Associate Professor, C.B.L. University, Bhiwani-Haryana) raised some queries and Mr. Manroop Singh successfully defended his research.
- The PhD student responded to the questions by the examiners and the audience.
- The corrections/revision in the Ph.D. theses that were suggested by the external examiner(s) if any have been made/incorporated by Mr. Manroop Singh and has also been checked and verified by the Supervisor and experts and the certificate for the same has been submitted by the supervisor.
- Based on the satisfactory performance of the candidate in the open-house PhD. Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Manroop Singh as per the PhD regulations of DAV University, Jalandhar.

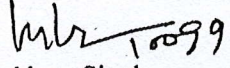
  
Dr. Suresh Malik  
(External Expert)

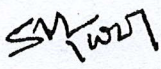
  
Dr. Chetan Sharma  
(Co-supervisor)

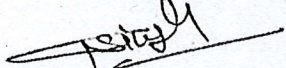
  
Dr. Rahul Kumar  
(Dean Nominee)

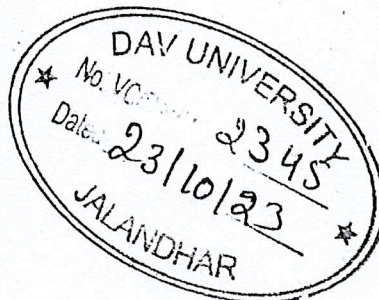
  
Dr. R.K. Seth  
Incharge Ph.D. Program

  
Vice-Chancellor


  
Dr. Yeshbeer Singh  
(Supervisor)

  
Dr. Sharanjit Singh  
(Member)

  
Mr. C. P. Singh  
(Member)



**ATTESTED**

  
Registrar

DAV University, Jalandhar

VC 2617

# DAV University, Jalandhar

Dated: 30 November 2023

Ref. No.: DAVU/2023/DA/1324

## REPORT OF VIVA-VOCE EXAMINATION OF Ms. VANDANA BAGGA, PhD Scholar

Ph.D. Open-House Viva-Voce Examination of Ms. Vandana Bagga, Reg. No.: 11801886. Ph.D. candidate, Department of Physics was conducted vide approval number VC/DAVU/2545, dated 17-11-2023 on 30 November 2023 in the office of Dean Academics.

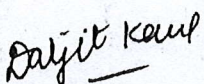
**Title of the thesis: SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE-METAL SELENIDE BASED NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATIONS**

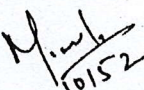
### Members present:

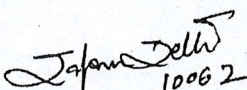
1. Dr. RK Seth, Dean (Sciences & Engg.), DAV University, Jalandhar.
2. Dr. Jaspreet Kaur Rajput, Associate Professor, Department of Chemistry, NIT Jalandhar - External Examiner
3. Dr. Keshav Walia – Coordinator, Department of Physics, DAV University, Jalandhar
4. Dr. Praveen Guleria – Dean Nominee, Assistant Professor, Department of Biotechnology, DAV University, Jalandhar.
5. Dr. Daljit Kaur – Supervisor, Member RAC, Assistant Professor, DAV University, Jalandhar
6. Dr. Sapna Sethi – Member RAC, Associate Professor, Department of Chemistry, DAV University, Jalandhar
7. Dr. Mamta Rani – Member RAC, Assistant Professor, Department of Physics, DAV University, Jalandhar

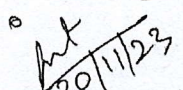
### Minutes of the meeting:

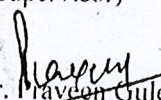
- a. The Ph.D. thesis reports of Mrs. Vandana Bagga have been presented by the committee before conducting the viva-voce examinations.
- b. Mrs. Vandana Bagga presented her research work. The presentation covered the literature survey, problem formulation, goals & objectives, proposed work, results and inferences, validation, major conclusions, and contributions of the research.
- c. Thereafter, the Dean Nominee declared the thesis open for discussion.
- d. The External Examiner, Dr. Jaspreet Kaur Rajput, Associate Professor, Department of Chemistry, NIT Jalandhar, RAC, asked questions raised in thesis reports of Mrs. Vandana Bagga and got clarifications regarding the comments of the examiners and other members present.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The corrections/revisions in the Ph.D. thesis that were suggested by the reviewer/external examiner(s) has been made/incorporated by Mrs. Vandana Bagga, Ph.D. student, and that has also been checked and verified by Dr. Daljit Kaur, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mrs. Vandana Bagga according to UGC Regulations, 2018.

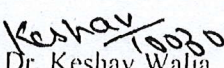
  
Dr. Daljit Kaur  
(Supervisor)

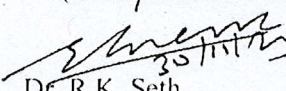
  
Dr. Mamta Rani  
(RAC Member)

  
Dr. Sapna Sethi  
(RAC Member)

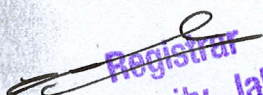
  
Dr. Jaspreet Kaur Rajput  
(External Examiner)

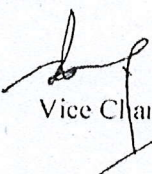
  
Dr. Praveen Guleria  
(Dean Nominee)

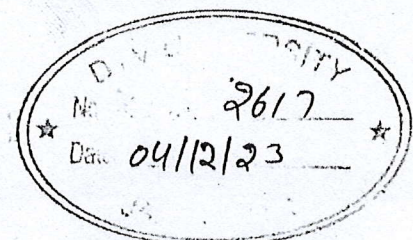
  
Dr. Keshav Walia  
(Coordinator)

  
Dr. R.K. Seth  
(Dean Sciences & Engg.)  
(Incharge PhD Program)

**ATTESTED**

  
Registrar  
DAV University, Jalandhar

  
Vice Chancellor



vc 2787

## DAV University, Jalandhar

Date: 15-Dec-2023

Ref. No. DAW/2023/DA/1376  
15/12/23

### Report of Viva-Voce examination of Ms. Priya, Ph.D. Scholar

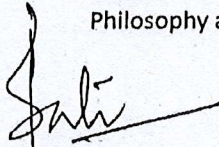
Ph.D. viva voce examination of Ms. Priya, Reg. No. 11900908, Department of Biotechnology, was conducted on 15 December 2023 at 10: 30 AM in the seminar room of the Central Research Laboratory, Academic Block-I of the university.

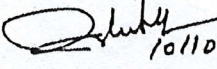
Following committee members were present in the viva voce:

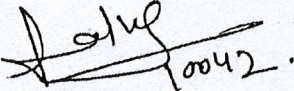
1. Prof. Pratap Kumar Pati, Professor, Department of Biotechnology, GNDU (External Expert)
2. Dr. R. K. Seth, Dean Sciences & Engineering
3. Dr. Keshav Wallia, Associate Professor, Department of Physics, DAVU (Dean Nominee)
4. Dr. Lakhmir Singh, Coordinator, Department of Biotechnology, DAVU
5. Dr. Yogesh Kumar, Former Assistant Professor, Dept. of Biotechnology, DAVU (Supervisor)
6. Dr. Rahul Kumar, Associate Professor, Faculty of Agricultural Sciences, DAVU (Co-supervisor)
7. Dr. Praveen Guleria, Department of Biotechnology (Member)
8. Dr. Ashutosh Sharma, Associate Professor, Agricultural Sciences (Member)

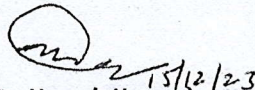
### Proceedings:

- i. Ms. Priya presented the findings of her Ph.D. research work in the form of an open-house Power Point Presentation.
- ii. The reports of the External examiners were reviewed by Prof. P.K. Pati.
- iii. Thereafter the Dean Nominee declared the thesis open for discussion.
- iv. Ms. Priya gave appropriate replies to the queries / questions raised by Prof. Pati and other attendees.
- v. The above committee members unanimously agreed that the research work carried out in the Ph.D. thesis of Ms. Priya is of requisite quality for the award of Ph.D. degree.
- vi. The corrections/revisions in the PhD thesis suggested by the External reviewers /examiner(s) has been made/incorporated by Ms. Priya, Ph.D. student that has also been checked and verified by Dr. Yogesh Kumar (Supervisor) and Dr. Rahul Kumar (Co-supervisor).
- vii. Based on the satisfactory performance of Ms. Priya in the viva voce, all the members unanimously recommended the thesis for the award of the degree of Doctor of Philosophy as per the Ph.D. regulations of DAV University.

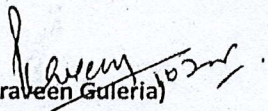
  
(Prof. P.K. Pati)


  
(Dr. Ashutosh Sharma)

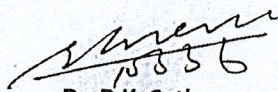
  
(Dr. Lakhmir Singh)

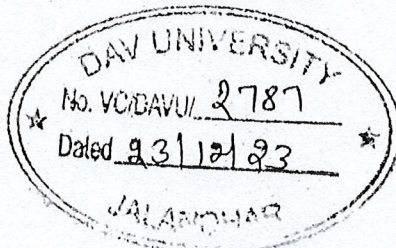
  
(Dr. Yogesh Kumar)

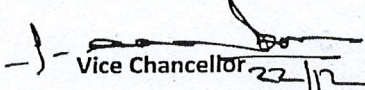
  
(Dr. Rahul Kumar)

  
(Dr. Praveen Guleria)

  
(Dr. Keshav Wallia)

  
Dr. R.K. Seth  
(Dean Sciences & Engg.)  
(Incharge PhD Program)



  
- Vice Chancellor

**ATTESTED**  
  
Registrar  
DAV University, Jalandhar

VC 2792

# DAV University, Jalandhar

Date: 18-Dec-2023

Ref. No. DAVU/2023/DA/1389

## Report of Viva-Voce examination of Ms. Mishu Gupta, Ph.D. Scholar

18/12/23

Ph.D. viva voce examination of Ms. Mishu Gupta, Reg. No. 11801887, Department of Physics, was conducted on 18 December 2023 at 02: 30 PM in the Seminar room of the Central Research Laboratory, Academic Block-I of the university.

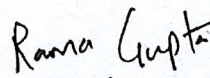
### Following committee members were present in the viva voce:

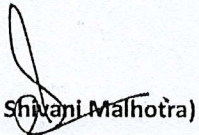
1. Dr. RK Seth, Dean Sciences & Engg., DAV University, Jalandhar.
2. Dr. Arvinder Singh, Professor, Department of Physics, NIT Jalandhar, -External Examiner
3. Dr. Keshav Walia, Coordinator, Department of Physics, DAV University, Jalandhar
4. Dr. Rama Gupta- Supervisor, Assistant Professor, Department of Physics, DAV University, Jalandhar
5. Dr. Shivani Malhotra, Co-Supervisor, ~~Associate~~ Professor, Department of Electronics and Communication, Chitkara University, Chandigarh
6. Dr. Sharanjit Singh, Dean Nominee, Assistant Professor, Department of Mechanical Engineering, DAV University, Jalandhar
7. Dr. Mamta Rani, Member RAC, Assistant Professor, DAV University, Jalandhar
8. Dr. Shelly Garg, Member RAC Assistant Professor, Department of Mathematics, DAV University, Jalandhar

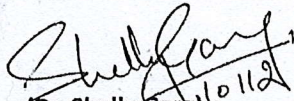
### Proceedings:

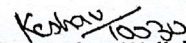
- i. Ms. Mishu Gupta presented the findings of her Ph.D. research work in the form of an open-house Power Point Presentation.
- ii. The reports of the External examiners were reviewed by Prof. Arvinder Singh.
- iii. Thereafter the Dean Nominee declared the thesis open for discussion.
- iv. Ms. Mishu Gupta gave appropriate replies to the queries / questions raised by Prof. Arvinder Singh and other attendees.
- v. The above committee members unanimously agreed that the research work carried out in the Ph.D. thesis of Ms. Mishu Gupta is of requisite quality for the award of Ph.D. degree.
- vi. The corrections/revisions in the PhD thesis suggested by the External reviewers /examiner(s) have been made/incorporated by Ms. Mishu Gupta, Ph.D. student that has also been checked and verified by Dr. Rama Gupta (Supervisor) and Dr. Shivani Malhotra (Co-supervisor).
- vii. Based on the satisfactory performance of Ms. Mishu Gupta in the viva voce, all the members unanimously recommended the thesis for the award of the degree of Doctor of Philosophy as per the Ph.D. regulations of DAV University.

  
(Prof. Arvinder Singh)

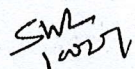
  
(Dr. Rama Gupta)

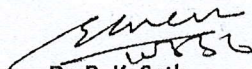
  
(Dr. Shivani Malhotra)

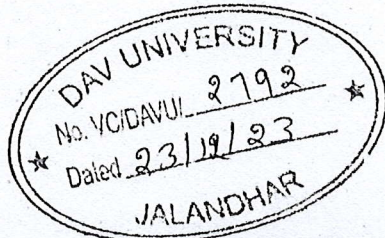
  
(Dr. Shelly Garg)

  
(Dr. Keshav Walia)


  
(Dr. Mamta Rani)

  
(Dr. Sharanjit Singh)

  
Dr. R. K. Seth  
(Dean Sciences & Engg.)  
(Incharge PhD Program)



  
Vice-Chancellor

  
Registrar  
DAV University, Jalandhar

# DAV University Jalandhar

## Department of Mechanical Engineering

Dated: 04 January 2024

Ref. No.: DAVU/2024/DA/4

### Report of VIVA-VOCE EXAMINATION OF Mr. Vishal Sharma, Phd Scholar

Ph.D. Open-House Viva-Voce Examination of Mr. Vishal Sharma, Regn. No.: 11702468, Ph.D. candidate, Department of Mechanical Engineering was conducted vide approval number VC/DAVU/2785 dated 23/12/2023 on 04 January 2024 in the seminar room of academic block of DAV University.

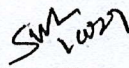
Title of the thesis: Parametric study and analysis of selective laser sintered parts.

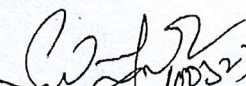
#### Members present:

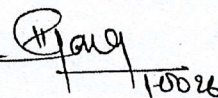
1. Dr. R. K. Seth, Dean Sciences & Engg., DAV University, Jalandhar.
2. Dr Manu Dogra, Associate Professor, Department of Mechanical Engineering, P.U. Swami Sarvanand Giri Regional Centre, Hoshiarpur, -External Examiner
3. Dr. Sharanjit Singh – Supervisor, Member RAC, Assistant Professor, DAV University, Jalandhar
4. Dr Sudhir Arora– Dean nominee, Assistant Professor, Department of Civil Engineering, DAV University, Jalandhar.
5. Dr. Sandeep Kumar – Member RAC, Assistant Professor, Department of Physics, DAV University, Jalandhar
6. Dr. Harish Garg – Member RAC, Assistant Professor, Department of Mechanical Engineering, DAV University, Jalandhar


#### Minutes of the meeting:

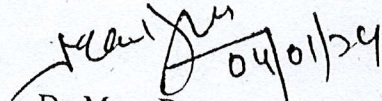
- a. The Ph.D. thesis reports of Mr. Vishal Sharma were presented before conducting the viva-voce examination.
- b. Mr. Vishal Sharma presented his research work before committee, which covered the details of his research work included in the thesis.
- c. Thereafter, the Dean (Sciences & Engineering) declared the thesis open for discussion.
- d. The External Examiner, Dr Manu Dogra, raised the quarries on thesis report and sought clarification regarding comments.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The suggestions in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) have been made/incorporated by Mr. Vishal Sharma, Ph.D. student, and that has also been checked and verified by Dr. Sharanjit Singh, supervisor and the certificate for the same has been submitted by the supervisor.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Vishal Sharma according to UGC Regulations, 2018.

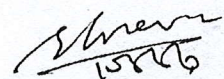
  
Dr. Sharanjit Singh

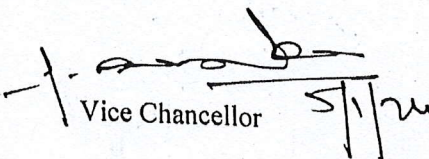
  
Dr. Sandeep Kumar

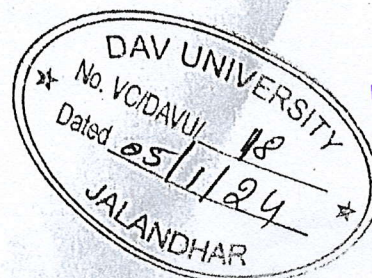
  
Dr. Harish Garg

  
Dr Sudhir Arora

  
Dr. Manu Dogra  
(External Examiner)

  
Dr. RK Seth  
(Dean Academics)  
Dean (Sci & Engg.)  
Merge PhD Physic

  
Vice Chancellor



**ATTESTED**  
  
Registrar  
DAV University, Jalandhar

VC 78

**DAV University Jalandhar**  
Department of Mechanical Engineering

Dated: 11 January 2024

Ref. No.: DAVU/2024/DA/ 28

Report of VIVA-VOCE EXAMINATION OF Mr. Amrinder Mehta, Regn. No.: 11801880, Phd Scholar 12/1/24

Ph.D. Open-House Viva-Voce Examination of Mr. Amrinder Mehta, Regn. No.: 11801880, Ph.D. candidate, Department of Mechanical Engineering was conducted vide approval number VC/DAVU/35 dated 10/01/2024 on 11 January 2024 in the committee room of administrative block of DAV University.

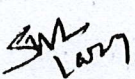
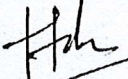

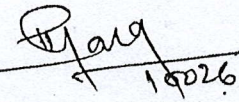
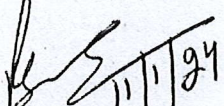
Title of the thesis: **HOT CORROSION AND OXIDATION BEHAVIOUR OF PLASMA SPRAYED YSZ/Al<sub>2</sub>O<sub>3</sub>/CeO<sub>2</sub> THERMAL BARRIER COATINGS.**

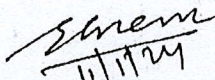
**Members present:**


1. Dr. R. K. Seth, Dean Sciences & Engg. DAV University, Jalandhar.
2. Dr. Anish Sachdeva, Professor, Department of IPE, NIT Jalandhar-External Examiner
3. Dr. Sharanjit Singh – Supervisor, Member RAC, Assistant Professor, DAV University, Jalandhar
4. Dr. Hitesh Vasudev –Co-Supervisor Professor, School of Mechanical Engineering, Lovely Professional University, Phagwara -144411
5. Dr. Sandeep Kumar –Dean nominee, Assistant Professor, Department of Physics, DAV University, Jalandhar
6. Dr. Harish Garg–Member RAC, Assistant Professor, Department of Mechanical Engineering, DAV University, Jalandhar

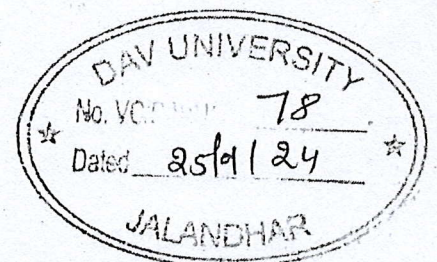
**Minutes of the meeting:**

- a. The Ph.D. thesis reports of Mr. Amrinder Mehta were presented before conducting the viva-voce examination.
- b. Mr. Amrinder Mehta presented his research work before committee, which covered the details of his research work included in the thesis.
- c. Thereafter, the Dean (Sciences & Engineering) declared the thesis open for discussion.
- d. The External Examiner, Dr Anish Sachdeva, raised the queries on thesis report and sought clarification regarding comments.
- e. The scholar responded satisfactorily to the questions put forth by the examiners and the audience.
- f. The suggestions in the Ph.D. thesis that was suggested by the reviewer/external examiner(s) have been made/incorporated by Mr. Amrinder Mehta, Ph.D. student, and that has also been checked and verified by Dr. Sharanjit Singh, supervisor, Dr. Hitesh Vasudev, Co-Supervisor, and the certificate for the same has been submitted by the supervisors.
- g. Based on the satisfactory performance of the candidate in the open-house Ph.D. Viva-Voce Examination and the recommendations of the external examiner, RAC, and other members on the thesis, the committee unanimously recommends the award of the Degree of Doctor of Philosophy to Mr. Amrinder Mehta according to UGC Regulations, 2018.

      
Dr. Sharanjit Singh    Dr. Hitesh Vasudev    Dr. Sandeep Kumar    Dr. Harish Garg    Dr. Anish Sachdeva  
(External Examiner)

  
Dr. RK Seth  
Dean (Sciences & Engg.)  
Merge PhD Papers

  
Vice Chancellor



  
**TESTED**  
Registrar  
DAV University, Jalandhar

VC 155

DAVU/2024/DA/53

24/1/24

# DAV University Jalandhar

Ref. No.:

Dated: 15<sup>th</sup> January, '24.

## PhD Viva-Voce Examination of Ms. Preeti Monga.

PhD Open-House viva-voce examination of Ms. Preeti Monga (Registration Number: 11901466), PhD Candidate, Department of CSA was conducted on 15<sup>th</sup> January 2024 in the Artificial Lab (AC-115) of the university.

### Members Present

1. Prof. Lalit Kumar Awasthi, Director, NIT Utrakhnad.
2. Dr. RK Seth, Incharge, PhD Program, DAV University Jalandhar.
3. Dr. Manik Sharma, Associate Professor (CSA), Supervisor.
4. Dr. Sanjeev Kumar Sharma, Associate Professor (CSA), Co-Supervisor
5. Dr. Rahul Hans, Associate Professor & Coordinator, CSE, (RAC Member)
6. Dr. Sandeep Kumar, Assistant Professor, Physics (RAC Member)
7. Dr. Arvind Mahindru, Associate Professor & Coordinator, CSA.
8. Dr. Hiteshwari Sabrol (Co-coordinator, Department of CSA, DAV University, Jalandhar.)

### Minutes of Meeting

- a) The PhD thesis reports of Ms. Preeti Monga have been presented to the committee before conducting the viva-voce examination.
- b) Ms. Preeti Monga presented her research work. The presentation covered the details of her research work included in the thesis.
- c) Thereafter, the Dean Computer Science & Technology declared the thesis open for discussion.
- d) The external examiner, Prof. Lalit Kumar Awasthi, Director, NIT Utrakhnad few queries raised in thesis reports of Ms Preeti Monga and get clarification regarding the comments.
- e) The PhD student effectively responded to the questions asked by the examiners and the audience.
- f) The correction/revisions in the PhD thesis suggested by the External reviewer/examiner(s) have been made/incorporated by Ms. Preeti Monga, PhD student that has been checked and verified by Dr. Manik Sharma (Supervisor) and Dr. Sanjeev Kumar Sharma (Co-supervisor).
- g) Based on the satisfactory performance of the candidate in the open-house PhD Viva-Voce examination and the recommendation of the external examiner, RAC, and other members on the thesis, the committee unanimously recommend the award of the Degree of Doctor of Philosophy to Ms. Preeti Monga according to the PhD regulations of DAV University Jalandhar.

Dr Manik Sharma  
(Supervisor)

Dr. Sanjeev Sharma  
(Co-Supervisor)

Dr. Rahul Hans  
(Member RAC)

Dr. Sandeep Kumar  
(Member RAC)

Dr. Arvind Mahindru  
(Coordinator, CSA)

Dr. R K Seth  
PhD In-charge

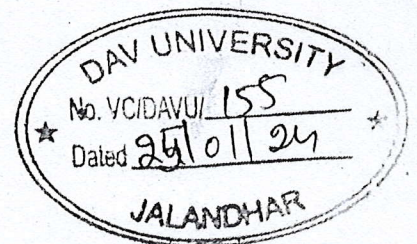
Dean,  
Faculty of Computer Science and Technology

Prof. Lalit Kumar Awasthi  
(External Examiner)

**ATTESTED**

Vice Chancellor

Registrar  
DAV University, Jalandhar





Sr. No.	PHDID	NAME	FATHERNAME	EMAIL	MOBILE	Exempted/ Qualified	SUBJECT
3	20211003	Shubhangi Gautam	Anil Gautam	gautamshubhangil11@gmail.com	7018156448	Exempted	Commerce & Business Management
4	20211007	Sunaina Sunaina	Ran Singh	sunainashilpa14@gmail.com	9588153225	Exempted	Commerce & Business
5	20211009	Radhay Shyam	Kishan Dass	rsout@yahoo.com, rsout06@gmail.com	7018914101, 9418247294	Exempted	Computer science & Application
8	20211032	Tapan	Amarjit Singh	giridhar.tapan@gmail.com	8059210998	Exempted	Commerce & Business Management
12	20211131	NARAYAN SINGH	PRADEEP KUMAR	ns.kushwah49@gmail.com	8470940068	Exempted	Biotechnology
15	20211148	KESANA VEESHITHA	KESANA RAMESH BABU	veeshitha.kesana@gmail.com	7568669763	Exempted	Biotechnology
17	20211154	Rinki Maurya	Amar Kant Maurya	rinky.praveen.maurya@gmail.com	9555799033	Exempted	Botany
20	20211160	PARDEEP KUMAR	RANBIR SINGH	dhelikohar@gmail.com	9817251792	Exempted	Chemistry
24	20211170	Pardeep Kumar	Sh. Jai Ram	pardeepsaini706@gmail.com	9355537302	Exempted	Commerce & Business Management
26	20211196	Sujata Rani	Ranjit Singh	ssujata.sharma@gmail.com	9355111112	Exempted	Zoology
27	20211201	Shobhika Midda	Sarwan Singh	shobhikamidda@gmail.com	7837204590	Exempted	Commerce & Business Management
28	20211204	Shivaji Rahi	Kishor Kumar	shivaji.angel@gmail.com	7018894985	Exempted	Commerce & Business Management
30	20211267	Bhanu Priya Verma	Vinod Verma	privajmu_07@yahoo.com	6006302254	Exempted	Commerce & Business Management
32	20211292	Ravi Mittal	Subhash Chander	smittal7893@gmail.com	9815465401	Exempted	Mathematics
38	20211319	Harmanjot Kaur	S. Inderjit Singh	harmanjotkaur099@gmail.com	8968194766	Exempted	Commerce & Business
40	20211327	Kirandeep kaur	Salvinder Singh	kkaur9666@gmail.com	7814352713	Exempted	Computer Science & Application
41	20211328	Niket Vohra	Sh. Surinder Kumar	vohraniket@gmail.com	9896127275	Exempted	Mathematics
42	20211329	Namesh Kumar	Jagdish Ram	nameshgnw@gmail.com	8699700761	Exempted	Mathematics
43	20211323	Harmandeep Singh	Harjinderpal Singh	harmand5pau@gmail.com	805465162	Exempted	Mathematics

ATTESTED



Registrar

DAV University, Jalandhar