



**DAV UNIVERSITY**

+91 - 181- 270 8844

Telephone

[naac@davuniversity.org](mailto:naac@davuniversity.org)

E-mail

[www.davuniversity.org](http://www.davuniversity.org)

Website

### 3.4.3 Number of PhDs awarded per recognized guide during the last five years

Total number of PhDs awarded in last five years: 32

Number of teachers recognized as guides during the last five years: 54

Description	Total number of PhDs awarded in last five years				
	2022-23	2021-22	2020-21	2019-20	2018-19
Number of PhDs awarded	20	12	0	0	0

### 3.4.3 Number of PhDs awarded per recognized guide during the last five years

S. No.	Name of the Research Scholar	Name of Supervisor	Title of Thesis	Year	Page No. for PhD degree
1	Sarbjit Singh	Dr. Gurmeet Singh	Biocompatible Superparamagnetic Ferrite Nanoparticles For Treatment Of Cancer By Hyperthermia	2021-22	<u>1</u>
2	Rajneesh Kumar	Dr. Nakul Kundra	Themes Of Love, Violence And Identity In The Novels Of Arundhati Roy And Kiran Desai: A Comparative Study	2021-22	<u>2</u>
3	Navdeep Kaur Gill	Dr. Kapil Chaudaha	Healing In Literature: A Thematic Study Of The Selected Works Of Gopinath Mohanty	2021-22	<u>3</u>
4	Isha Arora	Dr. Praveen Kumar	Structure-Property Correlations In Doped Zinc Stannate Films For Applications As Transparent Conductor	2021-22	<u>4</u>
5	Ankush Kumar	Dr. Gurmeet Singh	Multifunctionality Of Superparamagnetic Nanoferrites For Cytotoxicity And Perovskite Solar Cells	2021-22	<u>5</u>
6	Pooja	Dr. Rama Gupta and Dr. Anil Kumar	Information Entropy In Nonlinear Physical Systems	2021-22	<u>6</u>
7	Sarabjit Singh	Dr. Rajesh Khanna and Dr. Neeraj Sharma	Control Of Shrinkage Porosity In Green Sand Casting Of Automotive Parts	2021-22	<u>7</u>
8	Vanasundaram N	Dr. Praveen Kumar	Synthesis And Characterization Of Reduced Graphene Oxide/Metal Sulfide Nanocomposites For Multifunctional Applications	2021-22	<u>8</u>
9	Abhinav Shard	Dr. Mohinder Pal Garg and Dr. Vishal Gupta	Experimental Investigation Of Rotary Ultrasonic Machining Of Fiber Reinforced Polymer Composites	2021-22	<u>9</u>
10	Prableen Kaur	Dr. Manik Sharma	Design And Analysis Of Diagnostic Techniques For Detecting Human Psychological Disorders Using Machine Learning And Soft	2021-22	<u>10</u>

			Computing Techniques		
11	Priya Sharma	Dr. Praveen Guleria	Functional Evaluation Of Flavonoid Biosynthesis Early Gene Chalcone Isomerase (Vrchi) From Vigna Radiata	2021-22	<a href="#"><u>11</u></a>
12	Mamta	Dr. Nakul Kundra	Relationships In The Short Stories Of Rabindranath Tagore And Gurdial Singh: A Comparative Study	2021-22	<a href="#"><u>12</u></a>
13	Monika Goyal	Dr. Rajiv Kumar and Dr. Raj Kumar Seth	Investigation Of Coulomb Excitation Of Nuclei Lying Between Valley Of Stability And Drip Lines	2022-23	<a href="#"><u>13</u></a>
14	Ritu Gautam	Dr. Manik Sharma	Design Of Diagnostic Framework For Stress Detection Among Academic Fraternity Using Soft Computing Techniques	2022-23	<a href="#"><u>14</u></a>
15	Rhythm Walia	Dr. Jasbir Rishi	The Relationship Of Type D Personality And Psychological Well-Being; Intervening Role Of Optimism And Resilience Among University Students	2022-23	<a href="#"><u>15</u></a>
16	Subham Kapil	Dr. Tejinder Kaur	Computational Prediction And Comparative Analysis Of Dorsal-Ventral Patterning Gene Enhancers In Drosophila And Tribolium	2022-23	<a href="#"><u>16</u></a>
17	Vikas Verma	Dr. Sanjeev Kumar Sharma	A Hybrid Approach Combining Grammar Rule With Machine Learning Technique For Punjabi Grammatical Error Detection	2022-23	<a href="#"><u>17</u></a>
18	Arshdeep Singh	Dr. Sandeep Kumar	Study Of Metal Doped And Co-Doped Titanium Dioxide Nanoparticles For Photocatalytic Applications	2022-23	<a href="#"><u>18</u></a>
19	Manish Thakur	Dr. Tejinder Kaur	Evaluation Of The Antibacterial Efficacy Of Thuja Occidentalis And Aegle Marmelos Obtained From Four Different Geographical Locations	2022-23	<a href="#"><u>19</u></a>

20	Sumeet Parkash Kaundal	Dr. Rahul Kumar	Genetic Characterization Of Germplasm By Developing And Using Dna Based Markers In Horsegram [Macrotyloma Uniflorum (Lam.) Verdc.]	2022-23	<a href="#"><u>20</u></a>
21	Pooja Sharma	Dr. Ashutosh Sharma and Dr. Renu Bhardwaj	Studies On The Ameliorating Effects Of Pgprs And Earthworms On Chromium Induced Toxicity In Brassica Juncea	2022-23	<a href="#"><u>21</u></a>
22	Gurjit Kaur	Dr. Ashish Sharma and Dr. Harpreet Walia	Solubilization And Uptake Of Zinc In Raphanus Sativus L.: Role Of Plant Growth Promoting Rhizobacteria	2022-23	<a href="#"><u>22</u></a>
23	Kirandeep Kaur Matharu	Dr. Samriti Khosla and Dr. Sapna Sethi	Study Of Topological Defects In Liquid Crystals	2022-23	<a href="#"><u>23</u></a>
24	Jyoti Sharma	Dr. Yogesh Kumar and Dr. Lakhmir Singh	Molecular Characterization Of The Virus Causing Severe Leaf Curl And Stunting Of Capsicum Annuum L. In Punjab	2022-23	<a href="#"><u>24</u></a>
25	Anuj Sharma	Dr. Karan Paul	Comparative Genomic Analyses Of 76 Pathogenic And Non-Pathogenic Species Of Genus Clostridium: A Bioinformatics Perspective	2022-23	<a href="#"><u>25</u></a>
26	Manroop Singh	Dr. Yashbeer Singh and Dr. Chetan Sharma	Yogeshwar Dutt: A Legendary Olympian In Wrestling - A Case Study	2022-23	<a href="#"><u>26</u></a>
27	Vandana Bagga	Dr. Daljit Kaur	Synthesis And Characterization Of Metal Oxide-Metal Selenide Based Nanocomposites For Photocatalytic Applications	2022-23	<a href="#"><u>27</u></a>
28	Priya	Dr. Yogesh Kumar and Dr. Rahul Kumar	Molecular Characterization Of Begomovirus(Es) Infecting Economically Important Crops In Doaba Region Of Punjab	2022-23	<a href="#"><u>28</u></a>
29	Mishu Gupta	Dr. Rama Gupta and Dr. Shivani Malhotra	Study Of Rogue Waves For Variants Of Discrete Nonlinear Schrodinger Equation	2022-23	<a href="#"><u>29</u></a>
30	Vishal Sharma	Dr. Sharanjit Singh	Parametric Study And Analysis Of Selective Laser	2022-23	<a href="#"><u>30</u></a>

			Sintered Parts		
31	Amrinder Mehta	Dr. Sharanjit Singh and Dr. Hitesh Vasudev	Hot Corrosion And Oxidation Behaviour Of Plasma Sprayed Ysz/Ai2O3/Ceo2 Thermal Barrier Coatings	2022-23	<a href="#"><u>31</u></a>
32	Preeti Monga	Dr. Manik Sharma and Dr. Sanjeev Kumar	Design And Analysis Of Machine Learning And Swarm Intelligence Based Metaheuristic Techniques For Classification Of Behavioural Disorders	2022-23	<a href="#"><u>32</u></a>



# DAV UNIVERSITY

Registration No. 11608262

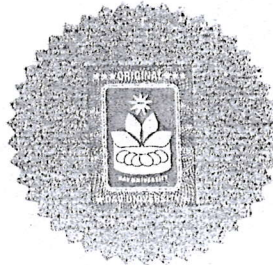
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Physics  
on Mr. Sarbjit Singh  
son of Sh. Makhan Singh and Smt. Kulwinder Kaur  
in the Faculty of Sciences  
on the result of the examination held in 2021*

*The title of his thesis is*

"BIOCOMPATIBLE SUPERPARAMAGNETIC FERRITE NANOPARTICLES FOR TREATMENT  
OF CANCER BY HYPERTHERMIA"


*Given under the seal of the University  
Jalandhar, August 29, 2023.*



ATTESTED

  
Registrar  
DAV University, Jalandhar

  
Registrar

  
Vice-Chancellor

  
Chancellor



# DAV UNIVERSITY

Registration No. 11608242

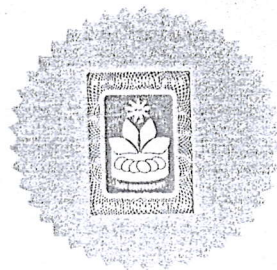
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in English  
on Mr. Rajneesh Kumar  
son of Sh. Sohan Lal and Smt. Jaswinder Kaur  
in the Faculty of Languages  
on the result of the examination held in 2021*

*The title of his thesis is*

"THEMES OF LOVE, VIOLENCE AND IDENTITY IN THE NOVELS OF ARUNDHATI ROY AND  
KIRAN DESAI: A COMPARATIVE STUDY"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



**ATTESTED**

  
**Registrar**

**DAV University, Jalandhar**

  
Registrar

  
Vice-Chancellor

  
Chancellor



# DAV UNIVERSITY

Registration No. 11608243

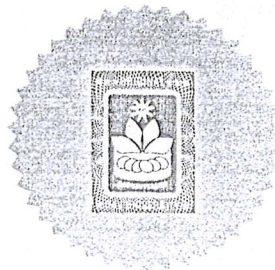
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in English  
on Ms. Navdeep Kaur Gill  
daughter of Mr. Gurnmel Singh Gill and Smt. Surinder Pal Kaur Gill  
in the Faculty of Languages  
on the result of the examination held in 2021*

*The title of her thesis is*

"HEALING IN LITERATURE: A THEMATIC STUDY OF THE SELECTED WORKS OF GOPINATH MOHANTY"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

  
Registrar

  
Vice-Chancellor

  
Chancellor





# DAV UNIVERSITY

Registration No. 11608263

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Physics*

*on Ms. Isha Arora*

*daughter of Sh. Varinder Arora and Smt. Vimal Arora*

*in the Faculty of Sciences*

*on the result of the examination held in 2021*

*The title of her thesis is*

"STRUCTURE-PROPERTY CORRELATIONS IN DOPED ZINC STANNATE FILMS FOR APPLICATIONS AS TRANSPARENT CONDUCTOR"

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



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

*Registrar*

*Vice-Chancellor*

*Chancellor*



# DAV UNIVERSITY

Registration No. 11702447

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Physics  
on Mr. Ankush Kumar  
son of Sh. Darshan Kumar and Smt. Neelam Kumari  
in the Faculty of Sciences  
on the result of the examination held in 2021  
The title of his thesis is*

"MULTIFUNCTIONALITY OF SUPERPARAMAGNETIC NANOFERRITES FOR CYTOTOXICITY  
AND PEROVSKITE SOLAR CELLS"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



**ATTESTED**  
*[Signature]*  
**Registrar**  
**DAV University, Jalandhar**

*[Signature]*  
**Registrar**

*[Signature]*  
**Vice-Chancellor**

*[Signature]*  
**Chancellor**



# DAV UNIVERSITY

Registration No. 11608264

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Physics*

*on Ms. Pooja*

*daughter of Sh. Bakshi Singh and Smt. Kamlesh Rani*

*in the Faculty of Sciences*

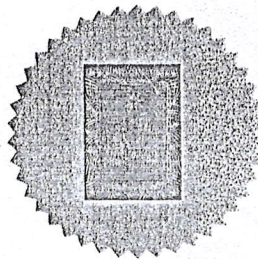
*on the result of the examination held in 2021*

*The title of her thesis is*

**"INFORMATION ENTROPY IN NONLINEAR PHYSICAL SYSTEMS"**

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



**ATTESTED**  
*[Signature]*  
Registrar  
DAV University, Jalandhar

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11608161

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Mechanical Engineering on Mr. Sarbjit Singh son of Sh. Nirmaljit Singh and Smt. Inderjit Kaur in the Faculty of Engineering on the result of the examination held in 2021*

*The title of his thesis is*

"CONTROL OF SHRINKAGE POROSITY IN GREEN SAND CASTING OF AUTOMOTIVE PARTS"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11702437

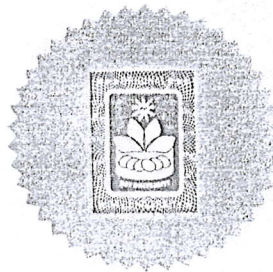
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Physics on Mr. Vanasundaram N son of Sh. Natarajan S and Smt. Parvathy R in the Faculty of Sciences on the result of the examination held in 2021*

*The title of his thesis is*

"SYNTHESIS AND CHARACTERIZATION OF REDUCED GRAPHENE OXIDE/METAL SULFIDE NANOCOMPOSITES FOR MULTIFUNCTIONAL APPLICATIONS"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

*Registrar*

*Vice-Chancellor*

*Chancellor*



# DAV UNIVERSITY

Registration No. 11702438

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Mechanical Engineering*

*on Mr. Abhinav Shard*

*son of Sh. Satya Brat Shard and Smt. Parveen Lata*

*in the Faculty of Engineering*

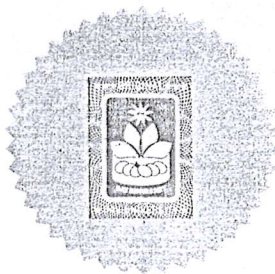
*on the result of the examination held in 2022*

*The title of his thesis is*

"EXPERIMENTAL INVESTIGATION OF ROTARY ULTRASONIC MACHINING OF FIBER REINFORCED POLYMER COMPOSITES"

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



**ATTESTED**  
*[Signature]*  
**Registrar**  
**DAV University, Jalandhar**

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11608343

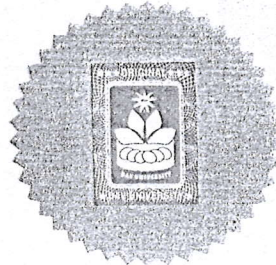
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Computer Science and Applications on Ms. Prableen Kaur daughter of Sh. Lakhvinder Singh Chandhok and Smt. Satinder Kaur Chandhok in the Faculty of Sciences on the result of the examination held in 2022*

*The title of her thesis is*

"DESIGN AND ANALYSIS OF DIAGNOSTIC TECHNIQUES FOR DETECTING HUMAN PSYCHOLOGICAL DISORDERS USING MACHINE LEARNING AND SOFT COMPUTING TECHNIQUES"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11702449

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Biotechnology*

*on Ms. Priya Sharma*

*daughter of Sh. Anil Kumar Sharma and Smt. Prek Lata*

*in the Faculty of Life Sciences*

*on the result of the examination held in 2022*

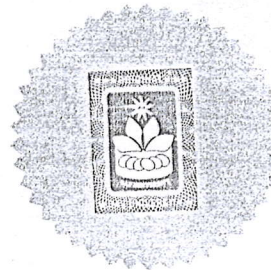
*The title of her thesis is*

"FUNCTIONAL EVALUATION OF FLAVONOID BIOSYNTHESIS EARLY GENE CHALCONE  
ISOMERASE (VrCHI) FROM *Vigna radiata*"

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*

**ATTESTED**



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

*Registrar*

*Vice-Chancellor*

*Chancellor*





# DAV UNIVERSITY

Registration No. 11608241

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in English on Ms. Mamta daughter of Sh. Madan Lal and Smt. Surinder in the Faculty of Languages on the result of the examination held in 2022*  
*The title of her thesis is*

"RELATIONSHIPS IN THE SHORT STORIES OF RABINDRANATH TAGORE AND GURDIAL SINGH: A COMPARATIVE STUDY"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



ATTESTED

*[Signature]*  
Registrar  
DAV University, Jalandhar

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11608265

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Physics  
on Ms. Monika Goyal  
daughter of Sh. Sharran Kumar and Smt. Sushma Goyal  
in the Faculty of Sciences  
on the result of the examination held in 2022  
The title of her thesis is*

**"INVESTIGATION OF COULOMB EXCITATION OF NUCLEI LYING BETWEEN VALLEY OF  
STABILITY AND DRIP LINES"**

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



**ATTESTED**

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

*Registrar*

*Vice-Chancellor*

*Chancellor*



# DAV UNIVERSITY

Registration No. 11702434

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Computer Science and Applications*

*on Ms. Ritu Gautam*

*daughter of Sh. Madan Lal and Smt. Shobha Sharma*

*in the Faculty of Sciences*

*on the result of the examination held in 2022*

*The title of her thesis is*

**"DESIGN OF DIAGNOSTIC FRAMEWORK FOR STRESS DETECTION AMONG ACADEMIC FRATERNITY USING SOFT COMPUTING TECHNIQUES"**

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



**ATTESTED**

*[Signature]*  
**Registrar**  
**DAV University, Jalandhar**

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11900960

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Psychology  
on Ms. Rhythm Walia  
daughter of Sh. Jatinder Singh Walia and Smt. Rachna Walia  
in the Faculty of Social Science  
on the result of the examination held in 2022  
The title of her thesis is*


"THE RELATIONSHIP OF TYPE D PERSONALITY AND PSYCHOLOGICAL WELL-BEING;  
INTERVENING ROLE OF OPTIMISM AND RESILIENCE AMONG UNIVERSITY STUDENTS"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



ATTESTED  
Registrar  
DAV University  
Jalandhar

  
Registrar

  
Vice-Chancellor

  
Chancellor



# DAV UNIVERSITY

Registration No. 11702472

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Zoology*

*on Ms. Subham Kapil*

*daughter of Sh. Rajesh Kapil and Smt. Uma Kapil*

*in the Faculty of Life Sciences*

*on the result of the examination held in 2023*

*The title of her thesis is*

**"COMPUTATIONAL PREDICTION AND COMPARATIVE ANALYSIS OF DORSAL-VENTRAL  
PATTERNING GENE ENHANCERS IN DROSOPHILA AND TRIBOLIUM"**

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



ATTESTED

*Registrar*  
DAV University, Jalandhar

*Registrar*

*Vice-Chancellor*

*Chancellor*



# DAV UNIVERSITY

Registration No. 11608341

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Computer Science and Applications*

*on Mr. Vikas Verma*

*son of Sh. R C Verma and Smt. Urmil Verma*

*in the Faculty of Sciences*

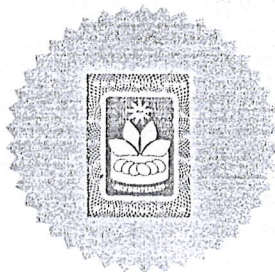
*on the result of the examination held in 2023*

*The title of his thesis is*

**"A HYBRID APPROACH COMBINING GRAMMAR RULE WITH MACHINE LEARNING  
TECHNIQUE FOR PUNJABI GRAMMATICAL ERROR DETECTION"**


*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



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

  
Registrar

  
Vice-Chancellor

  
Chancellor



# DAV UNIVERSITY

Registration No. 11702448

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Physics*

*on Mr. Arshdeep Singh*

*son of Sh. Paramjit Singh and Smt. Satwant Kaur*

*in the Faculty of Sciences*

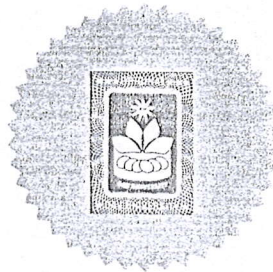
*on the result of the examination held in 2023*

*The title of his thesis is*

**"STUDY OF METAL DOPED AND CO-DOPED TITANIUM DIOXIDE NANOPARTICLES FOR PHOTOCATALYTIC APPLICATIONS"**

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*



**ATTESTED**

*[Signature]*  
**Registrar**  
**DAV University, Jalandhar**

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Chancellor



# DAV UNIVERSITY

Registration No. 11801884

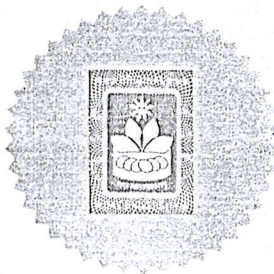
## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Microbiology  
on Mr. Manish Thakur  
son of Sh. Mastram Thakur and Smt. Sheela Thakur  
in the Faculty of Life Sciences  
on the result of the examination held in 2023*

*The title of his thesis is*

"EVALUATION OF THE ANTIBACTERIAL EFFICACY OF THUJA OCCIDENTALIS AND AEGLE  
MARMELLOS OBTAINED FROM FOUR DIFFERENT GEOGRAPHICAL LOCATIONS"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

*Registrar*

*Vice-Chancellor*

*Chancellor*





# DAV UNIVERSITY

Registration No. 11702451

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Biotechnology  
on Mr. Sumeet Parkash Kaundal  
son of Sh. Om Parkash and Smt. Santosh Kumari  
in the Faculty of Life Sciences  
on the result of the examination held in 2023*

*The title of his thesis is*

"GENETIC CHARACTERIZATION OF GERMPASM BY DEVELOPING AND USING DNA  
BASED MARKERS IN HORSEGRAM [MACROTYLOMA UNIFLORUM (LAM.) VERDC.]"

*Given under the seal of the University  
Jalandhar, August 29, 2023.*



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

*Registrar*

*Vice-Chancellor*

*Chancellor*



# DAV UNIVERSITY

Registration No. 11702446

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar confers the degree of Doctor of Philosophy in Microbiology*

*on Ms. Pooja Sharma*

*daughter of Sh. Suresh Sharma and Smt. Aruna Sharma*

*in the Faculty of Life Sciences*

*on the result of the examination held in 2023.*

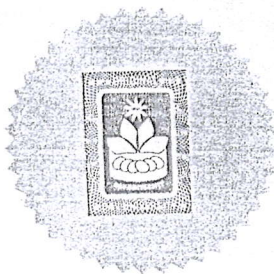
*The title of her thesis is*

**"STUDIES ON THE AMELIORATING EFFECTS OF PGPRS AND EARTHWORMS ON CHROMIUM INDUCED TOXICITY IN BRASSICA JUNCEA"**

*Given under the seal of the University*

*Jalandhar, August 29, 2023.*

**ATTESTED**



*[Signature]*  
**Registrar**

**DAV University, Jalandhar**

*[Signature]*  
**Registrar**

*[Signature]*  
**Vice-Chancellor**

*[Signature]*  
**Chancellor**



# DAV UNIVERSITY

Registration No. 11702440

## Doctor of Philosophy

*Upon the recommendation of the Governing Body, DAV University, Jalandhar  
confers the degree of Doctor of Philosophy in Botany*

*on Ms. Gurjit Kaur*

*daughter of Sh. Satnam Singh and Smt. Joginder Kaur*

*in the Faculty of Life Sciences*

*on the result of the examination held in 2023*

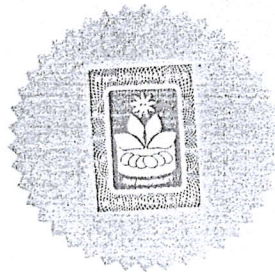
*The title of her thesis is*

"SOLUBILIZATION AND UPTAKE OF ZINC IN RAPHANUS SATIVUS L.: ROLE OF PLANT  
GROWTH PROMOTING RHIZOBACTERIA"

*Given under the seal of the University*


*Jalandhar, August 29, 2023.*

**ATTESTED**



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

  
Registrar

  
Vice-Chancellor

  
Chancellor



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8928

06.02.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Kirandeep Kaur Matharu D/o Sh. Gurdip Singh Matharu vide Registration No. 11608266 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Physics, Batch Year 2016. She had successfully completed the Course Work in December, 2016 with CGPA 7.67. She has also successfully defended the Viva Voce of the thesis titled "STUDY OF TOPOLOGICAL DEFECTS IN LIQUID CRYSTALS" conducted on September 22, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at examination@davuniversity.org

Prepared by

  
06/02/24

Checked & Verified by

**ATTESTED**

**DAV University, Jalandhar**

Controller of Examination

DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email : registrar@davuniversity.org  
www.davuniversity.org

PC- 8930

06.02.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Jyoti Sharma D/o Sh. Madan Lal Sharma vide Registration No. 11702470 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Biotechnology, Batch Year 2018. She had successfully completed the Course Work in June, 2018 with CGPA 8.50. She has also successfully defended the Viva Voce of the thesis titled "MOLECULAR CHARACTERIZATION OF THE VIRUS CAUSING SEVERE LEAF CURL AND STUNTING OF CAPSICUM ANNUUM L. IN PUNJAB" conducted on October 14, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at [examination@davuniversity.org](mailto:examination@davuniversity.org)

*Jasbir Singh*  
Prepared by

*Loone*  
06/02/24  
Checked & Verified by

**ATTESTED**

*[Signature]*  
**Registrar**  
**DAV University, Jalandhar**

*[Signature]*  
06/02/24  
Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email : registrar@davuniversity.org  
www.davuniversity.org

PC- 8931

06.02.2024


## TO WHOM IT MAY CONCERN

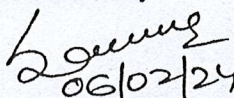
### PROVISIONAL CERTIFICATE

This is to certify that Anuj Sharma S/o Sh. Uma Dev Sharma vide Registration No. 11801892 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Biochemistry, Batch Year 2018. He had successfully completed the Course Work in December, 2018 with CGPA 8.67. He has also successfully defended the Viva Voce of the thesis titled "COMPARATIVE GENOMIC ANALYSES OF 76 PATHOGENIC AND NON-PATHOGENIC SPECIES OF GENUS CLOSTRIDIUM: A BIOINFORMATICS PERSPECTIVE" conducted on October 14, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.


He bears a good moral character.

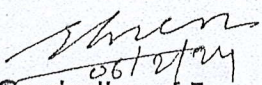
For any clarification you can mail us at [examination@davuniversity.org](mailto:examination@davuniversity.org)

  
Prepared by

  
06/02/24  
Checked & Verified by

**ATTESTED**

  
Registrar  
DAV University, Jalandhar

  
06/02/24  
Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8929

06.02.2024

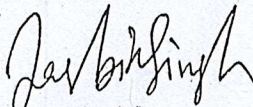
## TO WHOM IT MAY CONCERN

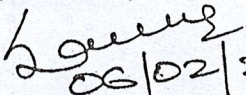
### PROVISIONAL CERTIFICATE

This is to certify that Manroop Singh S/o Sh. Karam Singh vide Registration No. 11901058 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Physical Education (Part Time), Batch Year 2019. He had successfully completed the Course Work in December, 2019 with CGPA 7.29. He has also successfully defended the Viva Voce of the thesis titled "YOGESHWAR DUTT: A LEGENDARY OLYMPIAN IN WRESTLING - A CASE STUDY" conducted on October 20, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.


He bears a good moral character.

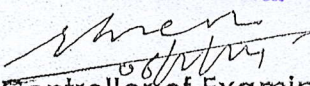
For any clarification you can mail us at examination@davuniversity.org

  
Prepared by

  
06/02/24  
Checked & Verified by

**ATTESTED**

  
Registrar  
DAV University, Jalandhar

  
Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8938

29.02.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Vandana Bagga D/o Sh. Naresh Kumar vide Registration No. 11801886 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Physics, Batch Year 2018. She had successfully completed the Course Work in December, 2018 with CGPA 8.86. She has also successfully defended the Viva Voce of the thesis titled "SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE-METAL SELENIDE BASED NANOCOMPOSITES FOR PHOTOCATALYTIC APPLICATIONS" conducted on November 30, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at examination@davuniversity.org

*Devi Singh*  
Prepared by

*Saurabh*  
29/02/24  
Checked & Verified by

**ATTESTED**

*[Signature]*  
**Registrar**  
DAV University, Jalandhar  
*[Signature]*  
Controller of Examination  
DAV University, Jalandhar





# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8953

05.03.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Priya D/o Sh. Kirpal Singh vide Registration No. 11900908 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Biotechnology, Batch Year 2019. She had successfully completed the Course Work in December, 2019 with CGPA 8.43. She has also successfully defended the Viva Voce of the thesis titled "MOLECULAR CHARACTERIZATION OF BEGOMOVIRUS(ES) INFECTING ECONOMICALLY IMPORTANT CROPS IN DOABA REGION OF PUNJAB" conducted on December 15, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at [examination@davuniversity.org](mailto:examination@davuniversity.org)

*Jasbir Singh*  
Prepared by

*Laune*  
05/03/24  
Checked & Verified by

**ATTESTED**

*[Signature]*  
**Registrar**

**DAV University, Jalandhar**

*[Signature]*  
Controller of Examination

DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8960

10.04.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Mishu Gupta D/o Sh. Ranjeet Rai Gupta vide Registration No. 11801887 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Physics, Batch Year 2018. She had successfully completed the Course Work in December, 2018 with CGPA 7.71. She has also successfully defended the Viva Voce of the thesis titled "STUDY OF ROGUE WAVES FOR VARIANTS OF DISCRETE NONLINEAR SCHRODINGER EQUATION" conducted on December 18, 2023, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at examination@davuniversity.org

*Narbir Singh*  
Prepared by

*S. S. S. S.*  
10/04/24  
Checked & Verified by

**ATTESTED**

*[Signature]*  
**Registrar**  
DAV University, Jalandhar

*[Signature]*  
10/04/24  
Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8962

15.04.2024

## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

This is to certify that Vishal Sharma S/o Sh. Shiv Kumar vide Registration No. 11702468 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Mechanical Engineering, Batch Year 2018. He had successfully completed the Course Work in June, 2018 with CGPA 9.00. He has also successfully defended the Viva Voce of the thesis titled "PARAMETRIC STUDY AND ANALYSIS OF SELECTIVE LASER SINTERED PARTS" conducted on January 4, 2024, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

He bears a good moral character.

For any clarification you can mail us at examination@davuniversity.org

Prepared by

Checked & Verified by

**ATTESTED**

Registrar

DAV University, Jalandhar

Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email: registrar@davuniversity.org  
www.davuniversity.org

PC- 8954

05.03.2024

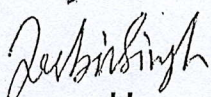
## TO WHOM IT MAY CONCERN

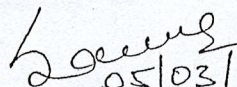
### PROVISIONAL CERTIFICATE

This is to certify that Amrinder Mehta S/o Sh. Darshan Mehta vide Registration No. 11801880, was a registered student in the Program Doctor of Philosophy (Ph.D.) in Mechanical Engineering (Part Time), Batch Year 2018. He had successfully completed the Course Work in December, 2018 with CGPA 7.86. He has also successfully defended the Viva Voce of the thesis titled "HOT CORROSION AND OXIDATION BEHAVIOUR OF PLASMA SPRAYED YSZ/Al<sub>2</sub>O<sub>3</sub>/CeO<sub>2</sub> THERMAL BARRIER COATINGS" conducted on January 11, 2024, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

He bears a good moral character.

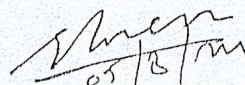
For any clarification you can mail us at examination@davuniversity.org

  
Prepared by

  
05/03/24  
Checked & Verified by

**ATTESTED**

  
Registrar  
DAV University, Jalandhar

  
05/03/24  
Controller of Examination  
DAV University, Jalandhar



# DAV UNIVERSITY

Jalandhar-Pathankot Highway (NH-44), SARMASTPUR-144 012, Jalandhar, Punjab, INDIA  
Tel: +91-181-2708845, Email : registrar@davuniversity.org  
www.davuniversity.org

PC- 8939

15.02.2024


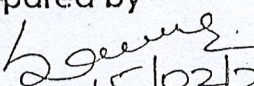
## TO WHOM IT MAY CONCERN

### PROVISIONAL CERTIFICATE

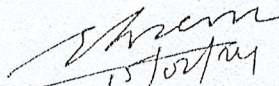
This is to certify that Preeti Monga D/o Sh. Krishan Kumar Monga vide Registration No. 11901466 was a registered student in the Program Doctor of Philosophy (Ph.D.) in Computer Science and Applications (Part Time), Batch Year 2019. She had successfully completed the Course Work in January, 2019 with CGPA 6.77. She has also successfully defended the Viva Voce of the thesis titled "DESIGN AND ANALYSIS OF MACHINE LEARNING AND SWARM INTELLIGENCE BASED METAHEURISTIC TECHNIQUES FOR CLASSIFICATION OF BEHAVIOURAL DISORDERS" conducted on January 15, 2024, thus has fulfilled all the requirements for the award of Degree which will be awarded in next Convocation.

She bears a good moral character.

For any clarification you can mail us at examination@davuniversity.org

  
Prepared by  
  
15/02/24  
Checked & Verified by

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

  
Controller of Examination  
DAV University, Jalandhar