

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
GURU NANAK DEV UNIVERSITY, AMRITSAR  
AND**

**DR. AVINASH KAUR (PROFESSOR RETD.), AMRITSAR**

The Guru Nanak Dev University (hereafter called the University) and Dr. Avinash Kaur (Professor Retd.) signed a Memorandum of Understanding to institute "**Prof. I.S. Grover Memorial Lectureship Award**" on the following terms and conditions:

1. The Lectureship shall be named as "**Prof. I.S. Grover Memorial Lectureship Award**"
2. An endowment of **Rs. 5.00 Lac (Rupees Five Lac only)** will be deposited in the University account by **Prof. Avinash Kaur**.
3. The Principal amount shall be kept by the University in a fixed deposit account (initially for a period of 5 years which may be further extended for such period as may be mutually decided by both the parties). The interest accruing from this endowment shall be used to bear all expenses incurred (appx. 60% of the interest amount by rounding off as the award money and rest other expenses) during the organization of this lectureship award (to be held every year) related to Frontier areas of Plant and Environmental Sciences. The details can be worked out by BOC of the Department in consultation with Prof. Avinash Kaur or her nominee.
4. A committee consisting of following members shall be responsible for selection of the visiting Lectureship, date of lecture, and its smooth functioning.

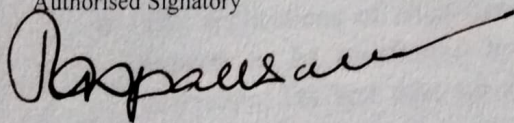
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|--|-------------|
| I. Dean, Academic Affairs  | Chairperson |
| II. Head, Department of Botanical and Environmental Sciences           | Convener    |
| III. Senior-most Professor of the Department ( <b>Subject Expert</b> ) |             |
| IV. Prof. Avinash Kaur or her nominee                                  |             |

Nominees:

1. Dr. Jagmeet Singh, A-246, Ranjit Avenue, Amritsar
  2. Dr. Davneet Singh, Hartej Hospital, Amritsar.
5. The terms of agreement may be amended at anytime subject to mutual written agreement.
  6. Any unresolved dispute shall be referred to the **Vice-Chancellor, GNDU, Amritsar** and **Prof. Avinash Kaur** and an independent arbitrator involved with mutual consent in accordance with **Arbitration and Conciliation Act, 1996** and rules framed thereof. Arbitration shall be conducted at Amritsar in English. The decision of arbitrators shall be final and binding on both the parties.

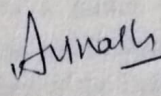
The terms and conditions will be effective from the date of signatures.

Authorised Signatory



(Prof. Jaspal Singh Sandhu)  
Vice-Chancellor  
Guru Nanak Dev University  
Amritsar

Authorised Signatory

  
21/10/20

(Dr. Avinash Kaur)  
Prof. (Retd.)  
A-246, Ranjit Avenue,  
Amritsar

Dated:

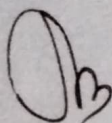
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**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
GURU NANAK DEV UNIVERSITY, AMRITSAR  
AND  
DR. AVINASH KAUR (PROFESSOR RETD.), AMRITSAR**

The Guru Nanak Dev University (hereafter called the University) and Dr. Avinash Kaur (Professor Retd.) signed a Memorandum of Understanding to institute "**Sardarni Darshan Kaur and Sardar Ram Singh Memorial Young Scientist Award in Plant Sciences**" on the following terms and conditions:

1. The award shall be named as "**Sardarni Darshan Kaur and Sardar Ram Singh Memorial Young Scientist Award in Plant Sciences**"
2. An endowment of **Rs. 5.00 Lac (Rupees Five Laonly)** will be deposited in the University account by **Prof. Avinash Kaur**.
3. The Principal amount shall be kept by the University in a fixed deposit account (initially for a period of 5 years which may be further extended for such period as may be mutually decided by both the parties). The interest accruing from this endowment shall be used to bear all expenses incurred for organization of this Young Scientist Award in Plant Sciences. The expenses will include Award Money for the Young Scientist; Trophy for the Awardee; Honorarium for the External Experts etc. The details can be worked out by BOC of the Department in consultation with Prof. Avinash Kaur or her nominee.
4. Eligibility:
  - a. The research scholars of the Department of Botanical and Environmental Sciences from 3<sup>rd</sup> year of their enrolment in Ph.D. in Botany and within one year of completion of their Ph.D. (date of viva-voce).
  - b. Minimum 55% marks in B.Sc. and M.Sc.
  - c. Research publications (minimum 2 in Scopus indexed Journals).
  - d. Participation in national/ international Conferences/ Seminars (minimum 2).
5. From the applications, five applications should be shortlisted (as per the Score Card attached herewith) by BOC of the Department and Prof. Avinash Kaur or her nominee.
6. The applications of short-listed candidates (Five) shall be sent to **two external experts** to be **nominated by the Vice-Chancellor** from a **panel of five** for evaluation. The best three scholars should be asked to present and defend their work as open seminar with all faculty members and research scholars of the Department for final judgement by the following committee members.
  - I. Head, Department of Botanical and Environmental Sciences  
Convener
  - II. At least one of the two **external experts** (preferably both) who evaluated the applications (in person or thru' video conferencing).
  - III. Senior most Professor of the Department
  - IV. Prof. Avinash Kaur or her nominee



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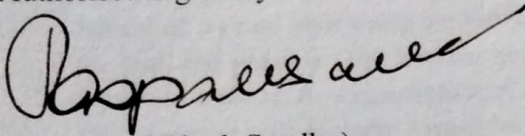
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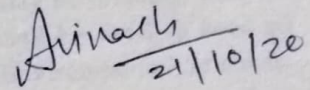
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Professor (Retd.)  
A-246, Ranjit Avenue,  
Amritsar.

Dated:

Place: Amritsar



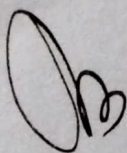
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4. Eligibility:
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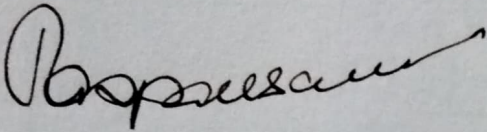
*Avinash*  
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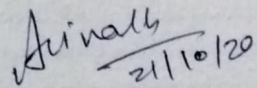
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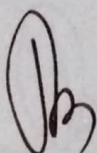
Dated:

Place: Amritsar

**Sardarni Darshan Kaur and Sardar Ram Singh Memorial  
Young Scientist Award in Plant Sciences**

**SCORE CARD**

<b>I. ACADEMIC PERFORMANCE</b>		<b>Max. Score = 12</b>
<b>Degree</b>	<b>Percentage (if result is CGPA based, percentage has to be calculated)</b>	<b>Score</b>
<b>B.Sc.</b>	55-60%	2
	>60-70%	3
	>70-80%	4
	>80%	5
<b>M.Sc.</b>	55-60%	4
	>60-70%	5
	>70-80%	6
	>80%	7
<b>II. PUBLICATIONS</b>		<b>Max. Score = 25</b>
<b>A) Research/ Review paper published as first author in Scopus indexed Journals with Impact Factor (IF) as per Clarivate Analytics</b> <i>#Published paper should be from Ph.D. work.</i>		
Impact Factor up to 1		4 per article
Impact Factor between 1-2		6 per article
Impact Factor more than 2	0.5 to be added for any increment of up to 1 in the IF of 2 e.g. if IF is between 2.1 to 3.0, the score is 6.5; IF is between 3.1 to 4.0, the score is 7.0 IF is between 4.1 to 5.0, the score is 7.5 and so on	
<b>B) Publications in other peer reviewed journals/ UGC CARE List</b>		3 per article
<b>C) Book Chapters</b>	As first author	2 per chapter
	As middle author	1.5 per chapter
<b>III. PRESENTATIONS IN CONFERENCES/ SEMINARS (C/S) ORGANIZED BY REPUTED INSTITUTES IN INDIA AND ABROAD</b>		<b>Max. Score = 15</b>
<b>A) International</b>		



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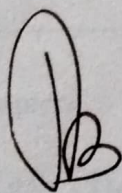


Within India	Oral	3.5 per C/S
	Poster	2.5 per C/S
Outside India	Oral	5 per C/S
	Poster	4 per C/S
<b>B). National</b>		
Regional (Punjab, Harayana, Himachal Pradesh, Delhi, Rajasthan)	Oral	2.5 per C/S
	Poster	1.5 per C/S
Other than above	Oral	3 per C/S
	Poster	2 per C/S
<b>IV. WORKSHOPS/ TRAINING PROGRAMS (W/T) ORGANIZED BY REPUTED INSTITUTES IN INDIA AND ABROAD</b>		<b>Max Score - 10</b>
<b>A) International</b>		
$\leq 2$ days		3 per W/T
1 week		4 per W/T
$> 1$ week		5 per W/T
<b>B) National</b>		
$\leq 2$ days		2 per W/T
1 week		3 per W/T
$> 1$ week		4 per W/T
<b>V. PATENTS</b>		<b>Max Score – 15</b>
Registered		3 per patent
Granted		4 per patent
Revenue generated out of patent		5 per patent
<b>VI. AWARDS AND HONOURS BY REPUTED INSTITUTES/SOCIETIES IN INDIA AND ABROAD</b>		<b>Max Score- 10</b>

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A) Young Scientist Award (by reputed Indian educational Societies)		5
B) Young Scientist Award (By INSA/ DST/ any national level Govt. body)		10
C) Best Presentation Award in conferences/ Seminars		
International		
Within India	Oral	3
	Poster	2.5
Outside India	Oral	5
	Poster	4
National		
Regional (Punjab, Harayana, Himachal Pradesh, Delhi, Rajasthan)	Oral	2.5
	Poster	1.5
Other than above	Oral	3
	Poster	2
VII. PARTICIPATION IN ORGANIZATION OF EVENTS IN THE DEPARTMENT/ UNIVERSITY CLUBS (CERTIFICATES OF APPRECIATION) 2 MARKS EACH CERTIFICATE		Max Score - 6
VIII. POPULAR SCIENCE WRITINGS (FIRST AUTHOR)		Max Score - 7
A). University Magazine		2 per article
B). Popular Science Magazine by Reputed Govt. Agency		3 per article
TOTAL SCORE		100



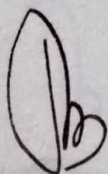
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**Sardarni Kuldeep Kaur and Sardar Gurmukh Singh Memorial  
Young Scientist Award in Environmental Sciences**

**SCORE CARD**

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<b>A) International</b>		



*Arvinder*  
*21/10/2020*



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1 week		4 per W/T
$> 1$ week		5 per W/T
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<b>V. PATENTS</b>		<b>Max Score – 15</b>
Registered		3 per patent
Granted		4 per patent
Revenue generated out of patent		5 per patent
<b>VI. AWARDS AND HONOURS BY REPUTED INSTITUTES/SOCIETIES IN INDIA AND ABROAD</b>		<b>Max Score- 10</b>

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21/10/2020



A) Young Scientist Award (by reputed Indian educational Societies)		5
B) Young Scientist Award (By INSA/ DST/ any national level Govt. body)		10
C) Best Presentation Award in conferences/ Seminars		
<b>International</b>		
Within India	Oral	3
	Poster	2.5
Outside India	Oral	5
	Poster	4
<b>National</b>		
Regional (Punjab, Harayana, Himachal Pradesh, Delhi, Rajasthan)	Oral	2.5
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VII. PARTICIPATION IN ORGANIZATION OF EVENTS IN THE DEPARTMENT/ UNIVERSITY CLUBS (CERTIFICATES OF APPRECIATION) 2 MARKS EACH CERTIFICATE		Max Score - 6
VIII. POPULAR SCIENCE WRITINGS (FIRST AUTHOR)		Max Score - 7
A). University Magazine		2 per article
B). Popular Science Magazine by Reputed Govt. Agency		3 per article
<b>TOTAL SCORE</b>		<b>100</b>

Avinash  
21/10/2020