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**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**DEPARTMENT OF AGRICULTURE SCIENCES,  
JAGAN NATH UNIVERSITY, BAHADURGARH, HARYANA ALONG WITH ITS PARTNER  
INSTITUTION JAGAN NATH UNIVERSITY, JAIPUR, INDIA**

**AND**

**DEPARTMENT OF PLANT PATHOLOGY,  
NATIONAL INSTITUTE OF PLANT BREEDING AND ACCLIMATIZATION,  
RADZIKOW, POLAND**

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Registrar  
Jagan Nath University, Jaipur



This MEMORANDUM OF UNDERSTANDING is made on this 4<sup>th</sup> day of November, 2019.

**BETWEEN**

1. Department of Agriculture Sciences, Jagan Nath University, Bahadurgarh, Haryana along with its partner institution Jagan Nath University, Jaipur (where the context so admits includes its successors and assigns), as the first party.

**AND**

2. Department of Plant Pathology, National Institute of Plant Breeding and Acclimatization, Radzikow, Poland, as the second party.

**NOW IT IS HEREBY AGREED** as follows:

**PART I**

**SCOPE OF COOPERATION**

The areas of cooperation include, subject to mutual consent, programmes offered at both institutions as felt desirable and feasible on either side, or that both sides contribute to fostering and development of the cooperative relationships between the two institutions. The assistance to be provided by each of the parties will be in teaching, research, exchange of faculty and students and cultural exchange as deemed beneficial by the two institutions.

**PART II**

**GENERAL AREA OF COOPERATION**

Assistance shall be carried out, subject to the availability of funds and the approval of the Competent Authority of both parties for the following activities and programmes as:

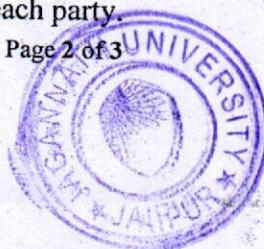
- 1 Exchange of students;
- 2 Exchange of faculty members;
- 3 Joint research projects;
- 4 Participation in international seminars and academic meetings;
- 5 Exchange of academic materials and other information;
- 6 Special short-term academic programmes like short courses, workshops etc.

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**PART III**

**INTELLECTUAL & TECHNICAL PROPERTY RIGHTS**

Intellectual Property Rights (IPRs) such as patents and publications emanating from joint projects/activities shall be joint and shared by each party.



PART IV

IMPLEMENTATION OF THE MOU

Specific details on the implementation of each area of collaboration shall be mutually agreed. The two parties agree that they will be free to participate in such projects acting either individually, or collectively. This arrangement may also be extended to Jagan Nath University, Jaipur as partner of the first party.

PART V

RENEWAL, TERMINATION AND AMENDMENT

This agreement shall remain in force for a period of three (03) years from the date of the last signature, with the understanding that either party giving notice three month in advance to the other party in any year may terminate it. The agreement may be extended by mutual consent of the two parties.

This agreement may be amended by the exchange of letters between the two institutions. Such amendments, once approved by both institutions, will become part of this Memorandum of Agreement.

PART VI

COORDINATION OF ACTIVITIES

Prof. (Dr) R. K Behl of Jagan Nath University, Haryana will coordinate activities covered under this MOU in India and Prof. (Dr) Edward Arseniuk will coordinate activities covered under the MOU in Poland.

IN WITNESS WHEREOF, the parties hereto have offered signatures:

For: Jagan Nath University, Bahadurgarh,  
Bahadurgarh, Haryana, India

For: National Institute of Plant Breeding and  
Acclimatization, Radzikow, Poland

Prof. (Dr) H.L. Verma, Vice Chancellor

Prof. (Dr) Edward Arseniuk

Signature..... H.L. Verma

Signature..... Edward Arseniuk

Date: 4-11-2019

Date: 4.11.2019 *Verified True Copy*

Witnessed by:

Witnessed by: *Registrar*  
*Jagan Nath University, Jaipur*

Prof. (Dr) R.K Behl, Dean

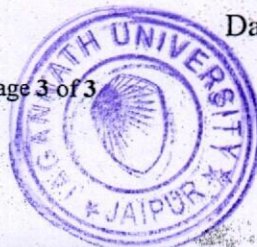
Ms. Dorota

Signature..... R.K Behl

Signature..... Dorota Strucinska

Date: 4-11-2019

Date: 4.11.2019



# Indo-Polish Workshop

On

**“Science for Crop improvement”**

4<sup>th</sup> November, 2019

**JOINTLY ORGNIZED BY**



Faculty of Science –Department of Agriculture

JAGANNATH UNIVERSITY, BAHADURGADH

&

JAGANNATH UNIVERSITY, JAIPUR  
(INDIA)

AT

BAHADURGADH CAMPUS

## ABOUT THE UNIVERSITY

Jagan Nath University, NCR, Haryana has been promoted by Jagan Nath Gupta Memorial Education Society, established under Haryana State Legislature Act No. 8 of 2013, and approved under Section 22 of the UGC Act, 1956. It started functioning with effect from academic session 2013-14 on its own 25 acres campus, located at State Highway 22 Bahadurgarh-Jhajjar Road, Distt. Jhajjar. The University has launched UG and PG programs in the Faculties of Engineering and Technology, Architecture, Management, Commerce, Law, Physiotherapy, Pharmacy, Physical Sciences, Social Sciences and Education. **From the academic session 2017-18, the University has started B.Sc. (Hons.) Agriculture, four years degree program.** The University aims to impart high quality education and promote employability among youth. To achieve this aim, the University has developed a good physical and academic infrastructure, recruited qualified and experienced faculty, state-of-the-art classrooms, laboratories and other facilities. To ensure adequate practical exposure to learners, among other things, the programs are being implemented with an adequate component of industry exposure.

## DEPARTMENT OF AGRICULTURE

The Department of Agriculture at JNUB started in the academic year 2017-18. The Department offers four years B.Sc. (Hons.) Agriculture degree program and one year diploma course in Agriculture Extension Services. The teachers of the Department of Agriculture are highly qualified, experienced and capable of imparting quality education. The main objective of the B.Sc. program is to groom students to acquire profound and exhaustive theoretical and practical knowledge about practical crop production and allied agri-enterprises to enable them to establish agri-entrepreneurship and/or to pursue higher education for teaching/research career. The extensive program provides scope for learning and development through engagement in formal class room education, project work in the agriculture farm (14 acres), class room



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seminars, workshops, etc.. The Department of Agriculture has established agri-research farm for practical crop production training to under-graduate students and research projects for the faculty.

### ABOUT THE WORKSHOP

India attained tremendous progress in agriculture and recorded multi-fold increase in production of food grains since independence particularly with the advent of Green Revolution Era in 1970s onwards. This growth happened due to use of high yielding varieties under high input conditions. The excessive use of irrigation and agro- chemicals led to grey patches in terms of secondary salinization, mining of soil for nutrients resulting into lower fertility and other biotic and abiotic stresses.

This calls for application of science for judicious use of natural resources and applied inputs commensurate with development of input use for efficient crop varieties. The Science for Crop Improvement workshop aims at utilizing knowledge and skills from various discipline of life sciences, engineering, agricultural science so that well tailored varieties could be developed for various target environments represented by low, medium and high fertility; irrigated vs. rainfed conditions; soil salinity, alkalinity and acidity; low and high temperature; drought and flood conditions etc. Indo-Polish workshop is organized to exchange experiences gained at National Institute of Plant Breeding and Acclimatization, Radzikow, Poland and at Department of Agriculture, Jagan Nath University and other important research organizations of the region about the use of science for crop improvement.

### REGISTRATION

All participants are required to register preferably before 2<sup>nd</sup> November, 2019.

Faculty- Rs.200/-  
(On-spot registration is also possible.)

Students- Rs.100/-

### ORGANIZING COMMITTEE

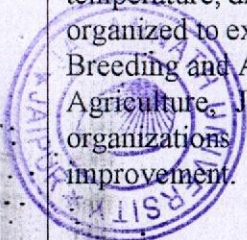
**Chief Patron** : *Sh. Manish Gupta, Chancellor Patrons*  
: *Prof. V.K. Aggarwal, Pro chancellor,*  
: *Prof. H.L. Verma, Vice-chancellor, JNUB*  
: *Prof. Navin Mathur, Vice-chancellor, JNUJ*  
**Workshop Chair** : *Prof. R.K. Behl, JNUB*  
: *Prof. P.N. Kalla, JNUJ*  
**Workshop Advisors** : *Dr. Varun Arora, Dr. Sunita Sharma*

### WORKSHOP CONVENERS

**Conveners** : *Dr. Preeti, Dr. Pravin Kumar Sharma,*  
*Dr.S.L.Sharma and Dr. N.S. Rathi*  
**Co-conveners** : *Dr. Ahatsham, Dr. Purni, Er. Vijay Dahiya*  
*Dr. R.K. Mudgal and Mr. Ajay Kumar*  
**Members** : *Ms. Alka, Ms. Ritu, Dr. Vinay Singh*  
*and Mr. Pradeep*  
**Students** : *Mr. Vijay, Ms. Nisha, Ms. Yachna, Mr.*  
**Shubham** : *Ms. Sakshi, Ms. Kavita, Mr. Ankit*

**Farm Demonstration** : *Dr. Ahatsham and Dr. Purni*

**Venue** : *Conference Hall, Jagan Nath University*  
**Time** : *1:30 pm onwards*  
**Date** : *4<sup>th</sup> November, 2019*



*Jagan Nath University  
Jhansi  
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## RESOURCE PERSONS



*Prof (Dr) Edward Arsewk  
IHAR, Radzikow, Poland*



*Prof. (Dr) R. K. Behl  
IFSDDA, Germany, JNUB*



*Prof.(Dr.) P.N.Kalla  
Dean, Department of Agriculture  
JNU, Jaipur*



*Dr. Manjeet Singh  
Asst. Prof., Starex University  
Gurugram*



*Dorota  
Research Associate  
IHAR, Radzikow, Poland*



*Dr. Seema Sonkar  
Assoc. Prof., CSAU, Kanpur*



*Dr. Preeti (Convener)  
Asstt. Prof. JNUB*



*Dr. Neelam Jakhar  
Asstt. Prof., PDMU,  
Bahadurgadh*



*Dr. O.P. Bishnoi  
CCS, HAU, Hisar*



*Prof. (Dr.) J.S. Laura  
Environment Science, MDU*



*Dr. Baldeep Singh  
SGT, Gurugram*



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