

Director Central Institute of Sub - Tropical Horticulture Rehman Kheda, Lucknow, India

Date of signing the MoU: 04/10/2017

Objectives of MoU

- The Integral University, Lucknow will provide registration facility to the Director Central Institute of Sub - Tropical Horticulture Rehman Kheda sponsored candidates for pursuing the Ph.D. degree programme.
- Beside regular degree programme, the Integral University will also provide short-term course training to students and staff members of Director Central Institute of Sub - Tropical Horticulture Rehman Kheda, Lucknow in their respective area of specialization.
- The Director Central Institute of Sub - Tropical Horticulture Rehman Kheda will provide research and training support in the front line areas as per the mandate of the council.



UTTAR PRADESH

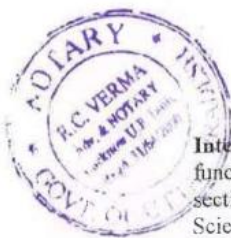
CW 543556

MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is intended for promotion of quality graduate, post graduate and doctoral research and training in cutting edge areas by facilitating students to avail specialized guidance and facilities of Central Institute for Subtropical Horticulture, Lucknow. The MoU is entered on 04-10-2017 between:-

Central Institute of Sub-tropical Horticulture (CISH) Lucknow is a premier institute under ICAR for subtropical fruit crops research with focus on mango, guava, anola, bael, papaya and some underutilized fruits. It is the major centre for mango research in the country with genetic resources conservation representing world's richest field gene bank. The major emphasis is on the collection, evaluation, characterization, conservation and utilization of germplasm, crop improvement through conventional and biotechnological approaches for development of trait-specific varieties, sustainable crop production and protection strategies, computer applications in agriculture and post harvest management at Rehmankhera, Lucknow. The institute is presently functioning with the following mandates and objectives:

1. Management of genetic resources of mandate fruit crops and their conventional and molecular characterization.
2. Crop improvement through breeding and genetic engineering.
3. Enhancing productivity through improving quality of planting materials using modern propagation techniques and rootstocks, good horticultural practices including mechanization and management of biotic and abiotic stresses.
4. Reduction in post-harvest losses and enhanced profitability through integrated pre and post-harvest management practices, value addition, products diversification and secondary horticulture initiatives.



5. Human resource development, transfer of technology, capacity building and evaluation of their socio-economic impacts.

AND

Integral University is the first enacted Minority University in the country and it had started functioning from 1st April, 2004. The University was accorded recognition by UGC under 17 section 2(f) of the UGC Act, 1956. At present the University has 9 faculties namely faculties of Science, Architecture, Engineering, Computer Application, Education, Management Studies, Pharmacy, Library Sciences and Medical Sciences and 24 departments. It offers 27 undergraduate, 26 postgraduate programmes and 6 diploma courses. The University has also taken up research activities in almost all the faculties. At present, 355 research scholars are enrolled in the University under Ph.D. programme and 83 Ph.D.s have already been awarded during the last six years.

Following are the terms of understanding:

The ICAR Institute (**Central Institute of Sub-tropical Horticulture**, Lucknow) will facilitate the following.

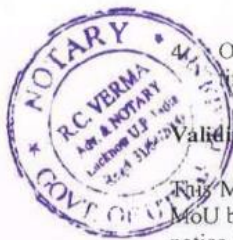
- i. B Tech., M.Sc. (Ag)/ M.Sc., M Tech. and Ph. D students and staff of CISH registering with the University will be allowed to carry out their research project pertaining to Institutes' specialization, as per the requirements and approved plan of work.
- ii. Periodic training (summer or winter) will be provided to approved candidates as required for partial fulfillment of degree/s programme of the University at ICAR approved charges (Rs 20,000.00 for 3 months and 30,000.00 for 6 months duration).
- iii. Periodical meetings of the students supervisors either at the premises of the Institute or University.

While the University (**Integral University**) will facilitate the following.

- i. The University shall recognize the ICAR Institute (CISH, Lucknow) and specific disciplines/divisions /departments as Centers for conducting project/thesis work for the award of Post Graduate/ Doctoral degrees.
- ii. The panel of scientist(s) of the Institute as per list enclosed, in accordance with the University rules and regulations shall be recognized as Co- Supervisors (Co-Guide) for guiding project/ dissertation.

Other terms and Conditions

1. Number of candidates to be taken-up at any given time shall depend upon the availability of supervising scientists and laboratory facilities at CISH.
2. Expenditure towards boarding/lodging/conveyance or any other unforeseen expenditure during the stay of the students at the Institute would be borne by the student(s) themselves. The students shall abide by the discipline and observe strict code of conduct while working in the institute.
3. Allotment of students to Co-Supervisor will be carried out by PGE committee and approval by Director CISH.



Other terms and conditions shall align with approved guidelines of ICAR issued from time to time.

Validity & Period

This Memorandum of Understanding shall come into effect from the date of signing of this MoU by both the parties and shall remain valid up to five years, until one of the parties serves notice to the other or expresses its intention to terminate it. In such instance, the MoU will stand terminated three months from the date of issue of such a notice. In case both the parties agree to terminate the MoU, the ongoing research projects will be completed as per the already signed MoU and agreed obligations. MoU may be further extended on the mutually agreed terms and conditions for another term.

Signed in two originals, one to be retained by each of the signatories, on this day of 4th October 2017 at 11.00 a.m. in Integral University, Lucknow


Vice Chancellor

Integral University,
Dasauli, P.O. Bas-ha Kursi
Lucknow - 226026
TelNo: 0522 2890730, 2890812
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Prof. (Dr.) Jamal M. Arif
Pro-Vice Chancellor
Integral University, Lucknow.


Director

Central Institute of Sub-tropical Horticulture (CISH),
Rehmankhara, Lucknow 226 101
Tel No: 0522 2841022, 24, 26
FAX (0522) 2841025
www.cishlko.res.in

डॉ० शैलेन्द्र राजन / Dr. Shalendra Rajan
निदेशक / Director
भा.कृ.अनु.प.-केन्द्रीय उपोष्ण बागवानी संस्थान
ICAR-Central Institute for Subtropical Horticulture
रहमानखेड़ा, लखनऊ-226101
Rehmankhara, Lucknow-226101



Central Institute for Subtropical Horticulture
Rehmankhara, PO Kakori, Lucknow-226 101, U.P. (India)
Telephone : (O): 2841022, 2841023, 2841024; Fax : 0522-2841025
Web Site : www.cishlko.org; E-mail : cish.lucknow@gmail.com



Date: 26.11.2013

Subject: Signing of MOU between CISH, Lucknow & Integral University, Lucknow – reg.

Respected Sir,

With reference to your letter no. Ref: IU/VCO/GA/MOU/2013/504 dated 25.11.2013 regarding subject cited above, please find enclosed herewith duly signed MOU by the competent authority.

Thanking you,

Yours faithfully,


(H. RAVISHANKAR)
DIRECTOR

Encl. : As stated.

*Admin
Keep record
S. W. Akhtar
28/11/13*



उत्तर प्रदेश UTTAR PRADESH

MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum Of Understanding is intended for promotion of quality graduate and post graduate research and training in cutting edge areas by facilitating students to avail specialized guidance and facilities of Central Institute for Subtropical Horticulture, Lucknow. The MoU is entered on 25.11.13 between Central Institute of Sub-Tropical Horticulture (CISH) Lucknow and Integral University, Lucknow.

Central Institute of Sub-tropical Horticulture (CISH) Lucknow is a premier institute under ICAR for subtropical fruit crops research with focus on mango, guava, aonla, bael, papaya and resources conservation representing world's richest field gene bank. The major emphasis is on the collection, evaluation, characterization, conservation and utilization of germplasm, crop improvement through conventional and biotechnological approach for development of trait-specific varieties, sustainable crop production and protection strategies and post harvest management at Rehmankhera, Lucknow. The institute is presently functioning with the following mandates and objectives:

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3. Enhancing productivity through improving quality of planting materials using modern propagation techniques and rootstocks, good horticultural practices including mechanization and management of biotic and abiotic stresses.

[Signature]
REGISTRAR
INTEGRAL UNIVERSITY

4. Reduction in post-harvest losses and enhanced profitability through integrated pre and post-harvest management practices, value addition, products diversification and secondary horticulture initiatives.
5. Human resource development, transfer of technology, capacity building and evaluation of their socio-economic impacts.

AND

Integral University, a seat of educational excellence, is a premier university in Lucknow. The university had been established under the Act number 9 of 2004 by the U.P. State Government. The University has a major mandate of imparting technical education, conduction and coordinating research in various disciplines.

Following are the terms of understanding:-

The ICAR Institute (**Central Institute of Sub-tropical Horticulture**, Lucknow) will facilitate the following.

- i. B Tech., M.Sc. (Ag), M Tech. and Ph.D. Students registering with the University will be allowed to carry out their research project pertaining to Institutes' specialization in mandated subtropical fruit crops, as per the requirements and approved plan of work.
- ii. Periodic training (summer or winter) of approved candidates as required for partial fulfillment of degree programme of the University at ICAR approved charges (Rs 20,000.00 for 3 months and 30,000.00 for 6 months duration).
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- ii. The panel of scientist(s) of the Institute as per list enclosed, in accordance with the University rules and regulations shall be recognized as Co- Supervisor (Co-Guide) for guiding project/dissertation.

Other terms and Conditions

1. Number of candidates to be taken-up at any given time shall depend upon the availability of supervising scientists/professors and laboratory facilities at CISH/Integral University.
2. Expenditure towards boarding/lodging/conveyance or any other unforeseen expenditure during the stay of the students at the Institute would be borne by the student(s) themselves. The students shall abide by the discipline and observe strict code of conduct while working in the institute.

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REGISTRAR
INTEGRAL UNIVERSITY

3. Allotment of students to Co-Supervisor will be carried out by PGE committee and approval by Director CISH.
4. Other terms and conditions shall align with approved guidelines of ICAR/Integral University issued from time to time.

Validity & Period

This Memorandum of Understanding shall come into effect from the date of signing of this MoU by both the parties and shall remain valid up to three years, until one of the parties serves notice to the other or expresses its intention to terminate it. In such instance, the MoU will stand terminated three months from the date of issue of such a notice. In case both the parties agree to terminate the MoU, the ongoing research project will be completed as per the already signed MoU and agreed obligations. MoU may be further extended on the mutually agreed terms and conditions for another term of three years

Signed in two originals, one to be retained by each of the signatories on the day of Monday 25-11-13 at CISH, Lucknow.....

S.P. Akhouri

Hon'ble Vice Chancellor
Integral University
Dasauli, P.O. Basha, Kursi Road, Lucknow-226026
Tel No : 0522-2890730, 2890812
Fax : 0522-2890809
E-Mail : info@integraluniversity.ac.in

Ram
Director

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Fax : 0522-2841025
E-Mail : drhravishankar@gmail.com

VICE CHANCELLOR
INTEGRAL UNIVERSITY
LUCKNOW

REGISTRAR
INTEGRAL UNIVERSITY
LUCKNOW

निदेशक
DIRECTOR
केन्द्रीय उपोष्ण बागवानी संस्थान
Central Institute for Subtropical Horticulture
लखनऊ- 227107
Lucknow-227107

Central Institute for Subtropical Horticulture, Lucknow

Panel of Scientists



Name	Designation	Discipline
Division of Crop Improvement and Biotechnology		
1. Dr. S. Rajan, M.Sc. (Ag.), Ph.D.	Principal Scientist & Head	Horticulture
2. Dr. A. K. Singh, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
3. Dr. Ram Kumar, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
4. Dr. Devendra Pandey, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
5. Dr. (Smt.) Anju Bajpai, M. Phil., Ph.D.	Pr. Scientist	Genetics & Cytogenetics
6. Dr. Maneesh Mishra, M.Sc. (Ag.) Ph.D.	Sr. Scientist	Horticulture
Division of Crop Production		
7. Dr. Kailash Kumar, M.Sc., Ph.D.	Principal Scientist & Head	Soil Chemistry/ Fert./ Microbiology
8. Dr. Ghanshyam Pandey, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
9. Dr. V. K. Singh, M.Sc., Ph.D.	Principal Scientist	Plant Physiology
10. Dr. R. A. Ram, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
11. Dr. S.K. Shukla, M.Sc. (Ag.), Ph.D.	Principal Scientist	Horticulture
12. Dr. Achal Singh, M.Sc., Ph.D.	Sr. Scientist	Agricultural Statistics
13. Dr. Barsati Lal, M.Sc. (Ag.), Ph.D.	Sr. Scientist	Agricultural Extension
14. Dr. Sridhar Gutam, M.Sc., Ph.D.	Sr. Scientist	Plant Physiology
Division of Crop Protection		
15. Dr. R. M. Khan, M.Sc., Ph.D., F.P.S.I.	Principal Scientist & Head Incharge	Nematology
16. Dr. A.K. Misra, M.Sc., Ph.D., F.P.S.I.	Principal Scientist	Plant Pathology
17. Dr. B. K. Pandey, M.Sc. (Ag.), Ph.D.	Principal Scientist	Plant Pathology
18. Dr. P.K. Shukla, Ph.D.	Sr. Scientist	Plant Pathology
Division of Postharvest Management		
19. Dr. (Smt.) Neelima Garg, M.Sc., Ph.D.	Principal Scientist & Head	Microbiology
20. Dr. Ajay Verma, M.Sc. (Ag.), Ph.D.	Principal Scientist	Agricultural Economics
21. Dr. A.K. Bhattacharjee, M.Sc., Ph.D.	Sr. Scientist	Agricultural Chemistry



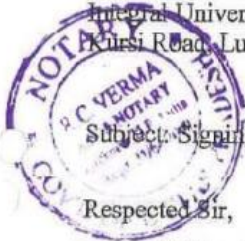
Central Institute for Subtropical Horticulture
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Telephone : (O): 2841022, 2841023, 2841024; Fax : 0522-2841025
Web Site : www.cishlko.org; E-mail : cish.lucknow@gmail.com



PME.17.16/2013/ 15436

Date: 26.11.2013

Prof. S.W. Akhtar
Hon'ble Vice Chancellor
Integral University,
Kursi Road, Lucknow-226 026



Subject: Signing of MOU between CISH, Lucknow & Integral University, Lucknow – reg.

Respected Sir,

With reference to your letter no. Ref: IU/VCO/GA/MOU/2013/504 dated 25.11.2013 regarding subject cited above, please find enclosed herewith duly signed MOU by the competent authority.

Thanking you,

Yours faithfully,

Ravishankar
(H. RAVISHANKAR)
DIRECTOR

Encl. : As stated.

Sworn and Verified
Before me

R.C. Verma
02.12.22
R.C. VERMA
Adv. & NOTARY
Lucknow U.P. India
Fsgd 31/84/2000

Admin
Keep record
S.W. Akhtar
28/11/13

H. Ravishankar
know and identify the deponent
whom as signed out his TI before me