

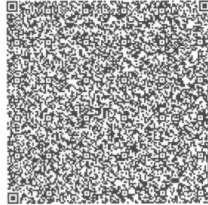


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**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**KARNATAKA VETERINARY ANIMAL AND FISHERIES SCIENCES**  
**UNIVERSITY, BIDAR**  
**AND**  
**UNIVERSITY OF AGRICULTURAL SCIENCES BANGALORE**  
**For Facilitating**  
**COLLABORATIVE TEACHING, RESEARCH & EXTENSION**

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ಆದೇಶ ಸಂಖ್ಯೆ ಕಂಇ 152 ಮುನೋಮು 2003  
ದಿನಾಂಕ 09-05-2003ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

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## PREAMBLE

The Karnataka Veterinary Animal and Fisheries Sciences University (KVAFSU) is an autonomous Educational, Research & Development Institution established under the provisions of Karnataka Act No.9 of 2004 with its headquarters at Nandinagar, Bidar and a number of Livestock Research Stations and Colleges under its control. It has the responsibility to undertake research in Animal, Veterinary and allied Sciences, extension of proven technologies to assist the farming community by the way of frontline demonstrations and various extension activities in the state by imparting education and training. The constituent Veterinary Colleges of the university comprising of Department of Anatomy, Physiology, Biochemistry, Animal Breeding Genetics and Biostatistics, Animal Nutrition, Pharmacology and Toxicology, Pathology, Microbiology, Livestock Production and Management, Poultry Science, Medicine, Surgery, Animal Reproduction, Gynaecology and Obstetrics, Veterinary and Animal Husbandry Extension Education and Livestock Products Technology, The Dairy Science College comprising of Department of Dairy Technology, Dairy Microbiology, Dairy Chemistry, Dairy Engineering, Dairy Economics and Business management and Dairy Extension and the College of Fisheries, Mangalore with all the concerned departments have the responsibility of undertaking activities related to Teaching, Extension and Research in the areas of Animal Husbandry and Veterinary Science. The colleges are offering Bachelors (5 years) for Veterinary, Bachelors (4 years) for (B.Tech) Dairy Technology and M.F.Sc., Masters (2 years) and Doctoral (3 years) degree programmes in various faculties. The colleges also have many National and International sponsored research projects under operation.

Karnataka Veterinary Animal and Fisheries Sciences University, hereinafter called the KVAFSU, B is represented by its Director of Research.

The ~~WRS~~, in addition to main campus at GKVK, Bangalore, has Colleges in three teaching campuses, offering degree programmes in six disciplines and two year in agriculture and certificate courses in five disciplines in agriculture and allied subjects, Postgraduate programmes in 21 disciplines at Master's level, including MBA (Agri-business Management) and 13 disciplines at Ph.D. level. Research infrastructure consists of 11 Research Stations of which 2 are Zonal Agricultural Research Stations (ZARS).



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The University Extension provides service through Extension Education Units, Krishi Vigyan Kendras, Farmers Training Institute, Staff Training Unit, Bakery Training Unit, Agricultural Technology Information Centre and Communication Centre. The University was recognised as the best Agricultural University in the country twice in the year 2001 and 2012 by the ICAR conferring the *Sardar Patel Outstanding ICAR Institution Award* for excellence in Teaching, Research and Extension.

**The University of Agricultural Sciences Bangalore hereinafter called UAS (B), is represented by the REGISTRAR, University of Agricultural Sciences GKV Bangalore-560065.**

To monitor routine research, extension and technical activities a working MOU shall be signed between the head of the constituent college and the representative of UAS (B).

The following are the terms of agreement:

#### ARTICLE-I

**UAS (B) will facilitate:**

#### EXTENSION

- Transfer of technologies as KVK'S are strengths of the university
- Identifying field oriented prioritized problems for the research programmes.
- To assist and collaborate field research programmes
- To carry out joint farmers workshops, organise and conduct animal health camps and training programmes jointly in the wing of extension
- To assist in organising farmers health clubs, commodity based associations and linkage marketing channels for the farmers



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- Multidisciplinary extension projects such as integrated farming system.
- To support in conducting exhibitions and organise farmers through KVK's for Pashumela etc.
- To provide farmers hostels at the KVK's or regional centres for various programmes
- To assist in identifying farmers for various farmer awards for encouragement and motivation.

#### POST GRADUATE STUDIES

To depute UAS (B) animal/dairy scientists for pursuing post graduate studies (PhD ) for up gradation of knowledge of scientist on **Sandwich programme** (3 semesters for course work) and remaining part of the research programme to be carried out in the parent university. The seat for the post graduate course has to be taken on merit and no reservation criteria.

Scientist of UAS (B) to serve as member of the advisory committee/guide for the students of the Masters and Ph.D degree students of Animal and veterinary science disciplines and for conducting field experiments for their post graduate degree programmes.

#### TEACHING

To provide services of the teachers from the department of the Agronomy, Animal science, dairy science and Statistics for offering courses/training programme or /to be a part of advisory committee of the post graduate students.

#### RESEARCH

UAS (B) to collaborate with KVAFSU, B in fodder and organic meat and milk production, organic chicken and egg production research towards mutual benefits and to specifically facilitate:

Undertake staff research (i.e. research by faculty/staff) based on the location specific problems on mutual agreement.

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Prepare joint research Projects, which are mutually beneficial to UAS(B) and KVAFSU, B and seek funding from outside agencies.

\*\*\*\*\*

#### ARTICLE- II

**KVAFSU, B will facilitate**

1. To offer post graduate degree programmes on sandwich basis.
2. Recognition of UAS (B) scientists on their individual merit and in accordance with the University rules and regulations as Post Graduate Advisory Committee members of PG research for all Master Degree Programmes and Ph.D degrees.
3. Provide facilities (Laboratory, Library and Field) for cooperative research in the areas of mutual interest to the staff of UAS (B) as per the agreements from time to time.
4. Undertake staff research (i.e. research by faculty) based on the location specific problems on mutual agreement.
5. Prepare joint research projects, which are mutually beneficial to KVAFSU, B and UAS (B) and seek funding from outside agencies.
6. To provide proven technologies related to Animal Science/Dairy Sciences/Fishery Sciences for dissemination to farmers through Krishi Vigyan Kendra.

#### ARTICLE- III

1. This MOU may be supplemented by work plans to be developed jointly, which describe more specifically the activities to be carried out under this cooperation.
2. The KVAFSU, B and UAS (B) may nominate members of their respective staff to work out the practical details of cooperation between the two organizations in general and to ensure proper and effective implementation of this MOU.
3. Such details, as agreed upon, will be confirmed by exchange of letters between KVAFSU, B and UAS(B) and such approval will form a part of this agreement.
4. The work plans developed require the approval of both parties for implementation.



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#### ARTICLE- IV

1. Benefits of such improved technology, materials, machinery, process, design and techniques occurring or arising from this cooperative effort may be used by either or both parties with due recognition of each party's contribution.
2. Results from collaborative research may be used by either or both the parties with due recognition of each party's contribution.
3. Research findings as a result of this collaborative work of both the parties will be published in the public interest with joint authorship and both parties will be entirely responsible for conclusions and interpretations reported.
4. Results of collaborative research may be tried on farmers' fields/flocks through farm trials and demonstrations with active participation of extension education units of both the parties.
5. The intellectual property arising from such collaborative research will be shared proportionally based on the contribution by each party.

**Joint Venture:** Joint Research / Extension programmes.

#### ARTICLE-V

In case of disagreement or difference between parties arising out of or in connection with this agreement such differences shall be settled through mutual discussion and in good faith. In the event this does not succeed, such differences shall be referred to Vice chancellors of both Universities, Joint decisions of Vice chancellors will be final and binding on both the parties.

#### ARTICLE- VI

This agreement will be in effect initially for a period of **10 YEARS** from the date of signing of this MOU by both parties and may be renewed further if mutually agreed. Either party may terminate the agreement by written notification signed by the appropriate official of the Institution indicating the notice. The other party must receive such notice six months prior to the effective termination date.



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However, obligations and commitments already contracted for and involving both parties shall be honoured and continued by both the parties until such commitments are completed. In witness, whereof, the parties hereto caused this instrument to be executed as of the day, month and the year indicated below:

For KVAFSU, Bidar

For UAS (B)

Signature

**DIRECTOR OF RESEARCH**  
KVAFSU, Nandinagar  
Bidar

Date: 30

**DIRECTOR OF RESEARCH**  
K.V.A.F.S.U.  
P.B.No. 6, Nandi Nagar, BIDAR

Signature

**REGISTRAR**  
University of Agricultural Sciences  
GKVK, Bangalore-560065

Date: 19.09.2013

**REGISTRAR**  
University of Agricultural Sciences  
GKVK, Bangalore-560065

WITNESS

1.

**(MOHAMED NADEEM FAHOZE)**  
**Professor and Head**  
Dept. Live stock Products Technology  
Veterinary College, KVAFSU,  
Hebbal, Bangalore-560 024,

2.

**(Dr. Y. Basavaraj)**  
**DIRECTOR OF EXTENSION**  
K.V.A.F.S.U.  
P.B.No. 6, Nandi Nagar, BIDAR

1.

**H. Chandreshkhar**  
**CO-ORDINATOR,**  
Project Planning & Monitoring Cell  
Office of the Vice-Chancellor,  
UAS GKVK Bangalore-560065

2.

**(C. VASU DEVIPPA)**  
**Dean PGs**  
Dean of Post Graduate Studies  
UAS, GKVK, Bengaluru-560 065