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Dr. AIT, Bgl 56.

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# MEMORANDUM OF AGREEMENT

**Between**

**UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE (UAS-B)**

**And**

**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY (Dr.AIT), OUTER RING ROAD, NEAR JNANABHARATHI CAMPUS, BANGALORE**

**Towards Joint**

## Development, Testing, and Certification of Bio-fuels

### Preamble:

**The University of Agricultural Sciences, Bangalore, an autonomous Educational, Research and Development Institution established under the provisions of UAS Act, No. 22 of 1963 with its Head Quarters at Gandhi Krishi Vignana Kendra, Bangalore, having several colleges and research stations under the purview to undertake teaching, research and extension in agriculture and allied sciences to meet the requirements of the farming community at large. The Department of Forestry and Environmental Sciences and bio-fuel Park at Hassan under the aegis of UAS-B has a mega program of promoting bio-fuels with the farming community by providing appropriate support and technologies along with establishment of marketing network. The UAS-B has developed over the year's expertise in the field and has developed several technologies for furthering the crusade on bio-fuels in the state of Karnataka. The University of Agricultural Sciences herein called as UAS-B is represented by its Registrar.**

Dr. Ambedkar Institute of Technology (Dr.AIT) established in 1980 is an Autonomous and Aided Institution under Government of Karnataka. The institution is offering ten undergraduate courses, six post graduate degree programs and has ten research centers affiliated to Visvesvaraya Technological University. The Institute is engaged in forward looking research in a variety of areas apart from academic and educational activities. The Mechanical Engineering Department of Dr. Ambedkar Institute of Technology has a strong R&D team involving several research areas including application of alternative fuels. This Institute is headed by the Principal functioning under the guidance of Governing body with ex-officio member participation from a few Governmental institutions like AICTE, DST, UGC, VTU etc. apart from representation from academic Institution and industries.

Dr. Ambedkar Institute of Technology represented by Principal, UAS-B have arrived at an agreement for mutual co-operation the terms of which are as follows.

The following are the terms of agreement

Article I

The two organizations will agree to submit joint research project proposals in any of the areas of mutual interest including those related development, testing leading to certification of bio-diesel with clearly defined objectives and responsibilities to identified funding agency / ies

Article II

Capabilities of Dr.AIT:

Dr.AIT has an able team of academicians engaged in need-based, forward looking research in different frontiers apart from involving in teaching/guidance at different levels (graduate, post graduate and doctoral). The team of researchers are ably supported by Principal and the Management by way of providing the necessary infrastructure apart from guidance as and when necessary.

Article III

1. UAS-B recognizes Dr.AIT as an Academic Institution, that in its endeavor to expand and grow its scientific activities shall be interested in collaborating for realization of identified bio-fuels
2. UAS-B recognizes Dr.AIT as a partner in carrying on the message of bio-fuels to different user industries and to demonstrate the technology with the university.

3. UAS-B agrees to provide the identified bio-fuel that would be entirely free without payment of any charges / compensation what so ever to the Dr.AIT for characterization and performance evaluation.
4. Further improvements in technology and demonstrations could be jointly organized at various places for promoting bio-fuel related activities.

Article IV

1. This MOA may be supplemented by work plans to be developed jointly, which describe more specifically the activities to be carried out by each of the organizations under the joint programs
2. The UAS-B and Dr.AIT may nominate members of their respective staff to jointly work out practical co-operation between two organizations for all general and specific activities in implementing this MOA.
3. All such details agreed upon will be confirmed by the exchange of letters between UAS-B and Dr. AIT and such letters be part of this agreement
4. The work plan require the approval of the both the parties.

Article V

1. The resulting from joint benefits such as development of technologies, materials, machinery, process, designs and techniques may be used by either or both the party's with due recognition of each parties contribution. However, any application for patent/ commercial exploitation be made only with the approval of both the parties (mutual benefit sharing will be worked out on the basis of each of the activity)
2. The benefits accruing from the demonstration of the technology, sale of products etc. will be shared on mutually agreed upon basis or appropriately to the tune of expenditure / investment made in meeting all cost of the activity.
3. Research findings/technology development may be tested with various organs of the UAS-B.

Article-VI

This agreement will be in effect initially for a period of five years from the date of signing of this MOA by both the parties, and can be renewed further if mutually agreed upon. Either party may terminate the agreement by written notification signed by the appropriate official of the institution initializing the notice; such notice must be received by the other party six months prior to the effective termination date. However, obligations and commitments already contracted for and involving their parties shall be honored and continued by both parties until such commitments are completed.

**Article VII**

**All disputes or differences arising out or in connection with the above will be settled by conciliation in the first instance failing which to arbitration subject to the provisions of the arbitrations and conciliation Act1996.the place of arbitration shall be at Bangalore and courts at Bangalore shall have jurisdiction to entertain any dispute or proceedings in this behalf. This agreement has been executed at Bangalore in two originals one each to be retained by UAS-Band Dr.AIT.**

**In witness whereof, the parties here to caused this instrument to be executed as of the day month and year indicated below**

**For**

**UAS-B**

**Signature**

29/8/11

**Registrar**
**University of agriculture sciences**
**GKVK campus, Bangalore-560065**

REGISTRAR
University of Agricultural Sciences
GKVK, Bangalore-560 065

**Witness:**

1 29/8/11

2 29/8/11

**For Dr.AIT**

**Signature** 29/8/11

**Principal**
**Dr. Ambedkar Institute of Technology**
**Bangalore (Dr.AIT)**

PRINCIPAL
Dr. Ambedkar Institute of Technolo
Bangalore - 560 056.

**Witness:**

1. Professor & Head
Department of Mechanical Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

2. 29/8
Dr. L. Chandrasagar
Professor, MED.