

## **Linkages with other Institutions**

### **Memorandum of Understanding (MoU) – Research/Training Collaboration**

#### **1. MoU with Sphingidae Museum, Czech Republic.**

**Title:** Knowledge and Assessment of the biodiversity and DNA barcoding of Lepidoptera/Sphingidae, Coleopteran/Scarabaeoidea\_Buprestidae\_Cerambycidae in India. (Renewed by the National Biodiversity Authority – NBA/Tech Appl/9/631/12/20-21/3647 dated 11.01.2021 & NBA/Tech Appl/9/631/12/15-16/2820 dated 16.11.2015).

**Collaborators:** 1. **Prof. H.B. Manjunatha**, Chairman, Department of Studies in Sericulture Science, University of Mysore, Mysore.

and

2. **Mr. Tomas Melichar**, Chairman, Sphingidae Myseum, Czech Republic.

#### **2. Memorandum of Agreement with Karnataka Innovation and Technology Society, Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka.**

**Title:** Skill Development Partnership on DBT- State Vigyan in Sericulture (Entrepreneurship Development Training)

**Collaborators:** 1. **Prof. H.B. Manjunatha**, Chairman, Department of Studies in Sericulture Science, University of Mysore, Mysore.

and

2. KITS Government of Karnataka, Karnataka, India.

### **3. MoU with Accreate Additive Labs Private Limited, Bangalore.**

**Title:** Development of silk fibroin/sericin based novel bioink impregnated with specific additives for 3D bioprint scaffold for medical and dental applications (Period three years – July 27,2019 to July 26,2022).

**Collaborators:** 1. **Prof. H.B. Manjunatha**, Chairman, Department of Studies in Sericulture Science, University of Mysore, Mysore.

and

2. **Mr. Ravi Shankar S. N.**, Key investigaotor and Managing Director, Accreate Additive Labs Private Limited, #22/1, Smruthi, West Park Road, 10<sup>th</sup> Cross, Malleswaram, Bangalore-560003.

### **4. MoU with Accreate Additive Labs Private Limited, Bangalore and JSS Academy of Higher Education and Research, Mysore.**

**Title:** Development of silk fibroin/sericin based novel bioink impregnated with specific additives for 3D bioprint scaffold for medical and dental applications (Period three years – July 27,2019 to July 26,2022).

**Collaborators:** 1. **Prof. H.B. Manjunatha**, Chairman, Department of Studies in Sericulture Science, University of Mysore, Mysore.

and

2. **Dr. Shyam Sundar**, Clinical Expert and Reader, Dept. of Oral maxillofacial surgery, JSS Dental College and Hospital, academy of Higher Education and research Mysore.

and

3. **Dr. Asha Srinivasan**, Assistant Professor, JSS Academy of Higher Education and Research, Mysore

5. Collaborative Research with Laboratory of Molecular Cytogenetics, ASCR, Institute of Entomology, České Budějovice, Czech Republic under INSA-ASCR for localization of heat shock proteins genes on the silkworm genome-chromosome. Eventually, we have successfully identified the position of BmHSP90 and BmHSP40 on the chromosome 27 and 5 respectively.

**Collaborators:** 1. **Prof. H.B. Manjunatha**, Chairman, Department of Studies in Sericulture Science, University of Mysore, Mysore.

and

2. **Dr. Marec F.**, ASCR, Institute of Entomology, České Budějovice, Czech Republic.