



सत्यमेव जयते

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Certificate of Stamp Duty

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Second Party : NA
Stamp Duty Paid By : SUMANDEEP VIDYAPEETH
Stamp Duty Amount(Rs.) : 300
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Attested / TC

IN-GJ94297654130934V

JD 0008968901

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka Vaghodia

Dist. Vadodara-391 760. (Gujarat)



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સૂચના

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- આ પ્રમાણપત્રમાં કરેલ કોઈપણ ફેરફાર અમાન્ય છે અને તે ફોજદારી ગુનો બને છે.
- આ ઈ-સ્ટેમ્પ પ્રમાણપત્રમાં કોઈપણ વિસંગતતા જણાય તો સ્ટોક હોલ્ડિંગની શાખા / કેન્દ્ર પર સંપર્ક કરવો.
- ઈ-સ્ટેમ્પિંગ સંબંધિત જાણકારી માટે અમને estamp.ahmedabad@stockholding.com પર ઈ-મેઈલ કરવો અથવા અમારી શાખા / કેન્દ્ર ની મુલાકાત લેવી.





Memorandum of Understanding

The Memorandum of Understanding (MoU) is signed on **17th January 2023**

Between

Sumandeep Vidyapeeth Deemed to be University,

At & Post Piparia, Taluka Waghodia, District Vadodara, Gujarat state, India.

(Hereinafter referred to as **SVDU**)

And

ICAR-National Research Centre on Camel

Bikaner, Rajasthan - 334001

(Hereinafter referred to as **NRCC**)

This MoU is for establishing the collaboration between SVDU and NRCC, in the area of **Research, Innovation and Development of Food and Nutritional products, Joint Programs/ Courses, Startups, Community / Social Service, Research on metabolic disorders, Collaborative Conferences/ Seminars/ Workshops etc.** The collaboration between both the parties herein under, is based upon the principles of mutual interest.

1. Preamble:

Sumandeep Vidyapeeth Deemed to be University was notified through Gazette Notification of Ministry of Human Resource Development (MHRD), Department of Higher Education, Government of India, through vide notification No.F.9-46/2004-U.3 dated 17th January 2007, as '**Deemed to be University**' under *de novo* category. The Institution is accredited by National Assessment and Accreditation Council (NAAC) at '**A++**' Grade with CGPA of 3.61 at Four-point scale in Second Cycle, and

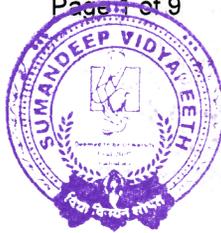

Registrar
17/01/23

Sumandeep Vidyapeeth Deemed to be University
At Post - Piparia, Taluka - Waghodia, District - Vadodara,
Gujarat State, INDIA, Pin code - 391760


(डॉ. आरबिन्धु साहू)
Dr. A. Sahoo
निदेशक
Director

भा.कृ. अनु.प. राष्ट्रीय उष्ट्र अनुसंधान केंद्र
ICAR-NATIONAL RESEARCH CENTRE ON CAMEL
जोड़बीड़, बीकानेर
JORBEER, BIKANER

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is also conferred with **Category - I Deemed to be University status**, by University Grants Commission (UGC).

Presently, the Institution has Constituent Institutes and Constituent Departments, which offers Full-time and Part-time professional health related programs at the level of Certificate, Diploma, Graduate and Postgraduate Degree, Super Specialty, Doctoral (Ph.D.), Post – Doctoral, Value Added Courses, Interdisciplinary programs, etc. in the disciplines of Health such as Medical, Dental, Pharmacy, Nursing, Physiotherapy, AYUSH, Healthcare Management, Public Health, Paramedical, Audiology & Speech Language Pathology, etc. These Programs are recognized / approved by Statutory Regulatory Authorities (SRA) such as related Councils - Medical Council of India, Dental Council of India, Pharmacy Council of India, Indian Nursing Council, Rehabilitation Council of India etc., and University Grants Commission. The Institution has following Constituent Institutes / Constituent Departments at Piparia, Vadodara campus:

1. Smt. B.K. Shah Medical Institute & Research Centre, and Dhiraj Hospital
2. K. M. Shah Dental College & Hospital
3. Department of Pharmacy
4. Sumandeep Nursing College
5. College of Physiotherapy
6. Department of Management
7. Department of Audiology and Speech Language Pathology
8. Sumandeep Ayurved Medical College & Hospital
9. Sumandeep Homoeopathic Medical College & Hospital
10. Department of Paramedical Sciences
11. Department of Prosthetics and Orthotics

Sumandeep Vidyapeeth Deemed to be University has more than **1400 bedded Multi –Super - Speciality tertiary care Teaching Dhiraj Hospital**, 350 Hi-tech Dental Chair Hospital, Ultra-Modern Hi-tech Physiotherapy Hospital, Audiology & Speech Language Pathology Clinical Centre, and State-of-art Central Research and Innovation Laboratory, and Incubation Centre. These Hospitals cater to the needs of


17/10/23.

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10/10/23

(डॉ. आर्तबन्धु साहू)

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Local population & Tribal Districts of Gujarat and Madhya Pradesh, Rajasthan and Maharashtra. Dhiraj Hospital has a state of art Cancer Diagnostic and Treatment facilities. The Hospital is the major source of Clinical and Academic Research for the Teaching Faculty, Researcher and Students of the Institution. The Molecular Laboratory is NABL accredited and approved by State Government and Indian Council for Medical Research (ICMR) for COVID19 testing facility. Dhiraj Hospital was designated by Government of Gujarat, for the management of COVID19 infected patients.

About Department of Paramedical Sciences:

The Department of Paramedical Sciences is a constituent Department of Sumandeep Vidyapeeth Deemed to be University. The Department of Paramedical Sciences undertakes Certificate, Diploma, PG Diploma, Bachelors, Masters and Ph.D. Degree programs in various subjects such as Clinical Nutrition and Dietetics, Medical Lab Technology, Radio-Imaging Technology, Perfusion Care Technology, Cardiac Care Technology, Operation Theatre Technology, X-Ray Technology etc. The clinical training for all the healthcare programs is undertaken at multi-super-speciality tertiary care Dhiraj Hospital, which is located in the same campus. The hospital is equipped to treat patients with different types of diseases and anomalies. The Hospital has well established state of art Department of Clinical Nutrition and Dietetics, which works in close association with speciality and super speciality clinics like Medicine, Obstetrics, Nephrology and Cardiology.

Dhiraj Hospital is the **1st Indian Dietetic Association (IDA)** approved hospital in Gujarat for Registered Dietician's (RD) training since 2012. The department is dedicatedly focused for nutritional management of lifestyle diseases and malnutrition. Special consideration is extended to geriatric, infant and young child feeding. Several ongoing research projects are in place for raising nutritional status of vulnerable section of society. The department strives for traditional and innovative research for the benefit of larger population in all age groups and strata of the society keeping in mind the feasibility and accessibility component.


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Department's activities are broad-based, encompassing whole area of food and nutrition. The department has achieved close integration in its research activities in clinical and community setup. The emphasis is now shifted to problem-oriented research, with a view to discovering practical solutions to nutritional problems that can be applied within the existing socio-economic framework.

State of the Art Central Research Laboratory:

The Central Research Laboratory of SBKSMIRC has state of the art research facilities having separate areas for Basic Molecular Research, Translational Research and Cell-culture laboratory; with high end modern equipment like - PCR, FTIR, HPLC, UV-Visible Spectrophotometer, Brookfield Viscometer, Gel Electrophoresis and Gel documentation, High Speed Centrifuge, Biosafety Cabinet, Refrigerated Centrifuge, Stability Chamber, Photo-Stability Chamber, Deep Freezer, Rotary Tablet Machine, Franz Diffusion Cell Apparatus, Spray Dryer, Trinocular Microscope, Rotary Tome Microscope, Student's Physiograph, Plethismometer etc. are available. A dedicated NABL accredited and ICMR approved Molecular laboratory adds to its comprehensiveness. The Institution has highly qualified and experienced researchers.

About National Research Centre on Camel (NRCC):

ICAR-National Research Centre on Camel, Bikaner, is a Premier Research Centre of the Indian Council of Agricultural Research (ICAR) which is an autonomous organization under the Department of Agricultural Research and Education, Ministry of Agriculture and Farmers Welfare, Government of India. NRCC focuses on basic and applied research on Camel (single and double humped).

The NRCC has modern laboratories situated in three complexes. The laboratories are fully equipped to handle modern research in the field of camel physiology, reproduction, biochemistry, genetics and breeding, biotechnology, health, nutrition, camel management and milk products technology. The camel farm maintains an elite herd of about 250 to 300 camels comprising of Bikaneri, Jaisalmeri, Kachchhi and Mewari breeds. An area of about 650 hectares of farmland has been fenced and 45


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17/10/23

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hectares of land has been brought under perennial Silvi-pasture comprising of grasses, shrubs and trees.

With the decline in the traditional utility of camel for draught purposes, the Centre is now promoting camel as a dairy animal and focusing its research to validate the prophylactic/ therapeutic potential of camel milk in various human ailments that has drawn attention of scientists worldwide, though it is being used in folklore medicine since times antiquity in India. Collaborative research work with medical professionals and particularly any organized human hospital and research centre will definitely be helpful in this direction.

2. Scope of the Collaboration:

The present MoU will be jointly conducted between SVDU and NRCC with defined areas. The core objectives comprise of:

- A. Will jointly conduct research studies not limited to Development of Food and Nutritional product.
- B. Collaborative research by sharing the research facilities and writing collaborative research projects in the fields of health sciences for Government funding.
- C. Teaching faculty and Student exchange programmes in order to gain knowledge in all the areas including Technology.
- D. To organize National and International conferences, seminars, workshops etc. at either of the places to disseminate the relevant knowledge to the participants and stakeholders, significantly in the area of healthcare sciences.
- E. To collaborate for conduction of in-house trainings on various aspects of health sciences for the teaching faculties, scholars and students.
- F. Collaborative publication of the research outcome in peer reviewed journals.
- G. Collaborative submission of high end research projects to various Government / Non - Government funding agencies, at National and International level.
- H. To facilitate work related to Doctoral and Post Doctoral programs.


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18/02/23

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3. General Areas of Cooperation:

This MOU details the modalities and general conditions regarding collaboration between the two Institutes, which shall encourage interactions among Scientists, Clinicians, faculty members and Research fellows of both the parties through the following arrangements:

- 3.1. Organize and deploy short term certified training programs.
- 3.2. Work on mutually acceptable projects including but not limited to field activities, organizing camps for spreading health awareness resulting into societal benefit and assist policy making in healthcare.
- 3.3. Both parties shall propose research concepts/ideas to any national/international agencies for financial assistance/ development of innovative devices / products / clinical trials and exchange of personnel through deputation as per the rules of the respective institute, as mutually agreed upon;
- 3.4. There will be no restriction on the contents of the research report and on publication of the results of the research study, subject to the condition that no Intellectual Property Rights (IPR) can be secured for any part of the work which will be decided with mutual consent.
- 3.5. If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication / printing in any form such as electronically/verbal, etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc. by the parties under the law will be decided on case to case basis after mutual consultation.
- 3.6. The Researchers from both the Parties, will be the authors in the publication/s, resulting from the collaborative work.
- 3.7. Neither party will publish the work carried out under this MoU without knowledge of the other.


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3.8. In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.

4. Other Areas:

- To exchange information on research and educational programs,
- To exchange information on teaching, learning material and other literature relevant to their educational and research programs,
- To jointly organize short-term continuing education programs on topics of mutual interest and to invite each other's faculty to participate therein,
- To propose and engage jointly in research or training programs sponsored by funding agencies, and to invite each other's faculty to participate therein.

5. Exchange of Research Personnel:

- This MOU is intended, among other objectives, to foster increased interaction among faculty and advanced graduate students engaged in scientific and scholarly research in areas of mutual interest. In support of this effort, each party will promote the exchange of research personnel, especially young faculty and advanced graduate students, for short periods of time so that they may become familiar with the facilities, methodologies, research culture and concern area of cooperation.
- As a general principle, funding for the exchange of such personnel ("Participating Researchers") shall be based on a reciprocal sharing of costs:

Intellectual Property Rights (IPR):

Ownership of any intellectual property (including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights) developed jointly during the course of this MoU shall be vested in both parties to this Memorandum. Both parties shall have the joint right to determine the commercial exploitation and disposition of such intellectual property, and both parties shall make joint applications for the registration of the same. Before any registration or commercialization of any intellectual property takes


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place, the parties agree to reach a separate agreement covering issues such as exploitation rights and revenue sharing.

Any publication regarding such intellectual property shall only be possible with the prior written consent of both parties, such consent not to be unreasonably withheld.

SVDU and NRCC shall be free to use perpetually the results arising out of the collaborating activities for its own internal teaching, research, educational, clinical and publication purposes without the payment of royalties or other fees to the other party.

Amendments / Modifications:

This MoU may be amended or modified by a written agreement signed by the representatives of both parties.

Adherence to laws:

Participating faculties, staffs and students involved in any activities under this Memorandum must adhere to the law of the host countries and rules and regulations of the institutions.

Legal effect:

Nothing in this Memorandum shall be construed as creating any legal relationship between the parties. This Memorandum is a statement of intent to foster genuine and mutually beneficial collaboration.

Commencement and Tenure of MOU:

The present MoU shall become effective from the date of signing. It shall remain in force for the period of Five (5) years i.e. from **17th January 2023 till 16th January 2028**. This MoU will be amended/ terminated with mutual consultations and written agreement, as and when needed.

Dispute Resolution:

Any dispute or difference arising out of or in connection with the interpretation or implementation of this MoU or out of or in connection with the breach, or alleged breach of this MoU, each Institution shall attempt in the first instance to resolve the conflict


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Registrar

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10/12/23
(डॉ. आर्तबन्धु साहू)

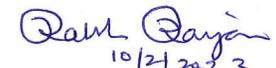
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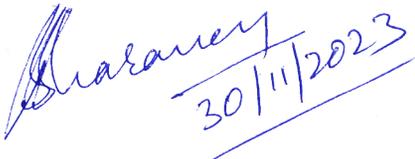


amicably by mutual agreement between the two representatives of the organization.
Conflicts that cannot be resolved amicably shall be settled by arbitration.

This MoU is signed between Sumandeep Vidyapeeth Deemed to be University (SVDU)
and National Research Centre on Camel (NRCC) on dated **17th January 2023**.

<p>Signature:  17/01/23</p> <p>Name: Dr. Chandramani B. More Designation: Registrar, SVDU Seal: </p> <p>Witness 1: Signature:  17/01/23</p> <p>Name: Dr. Navneet Kumar Singh Designation: I/c Principal, Dept. of Paramedical Sciences, SVDU</p> <p>Witness 2: Signature:  17/01/23</p> <p>Name: Dr. Sheetal Chhaya Designation: Associate Professor and Head, Dept. of Clinical Nutrition and Dietetics, Dhiraj Hospital, SBKSMIRC, SVDU</p>	<p>Signature:  (डॉ. आर्तबन्धु साहू)</p> <p>Name: Dr. Artabandhu Sahoo Designation: Director, NRCC Seal: </p> <p>Witness 1: Signature: </p> <p>Name: Dr. R. K. Sawal Designation: Principal Scientist, NRCC</p> <p>Witness 2: Signature:  10/21/2023</p> <p>Name: Dr. Rakesh Ranjan Designation: Principal Scientist, NRCC</p>
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Attested CTC

 30/11/2023

Vice-Chancellor
Sumandeep Vidyapeeth
An Institution Deemed to be University
Vill. Piparia, Taluka: Waghodia.
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