


MEMORANDUM OF UNDERSTANDING (MoU)
between
SRI VENKATESWARA UNIVERSITY, TIRUPATI
&
CKS THEJA INSTITUTE OF DENTAL SCIENCES AND RESEARCH,
TIRUPATI

This Memorandum of Understanding, (hereinafter called MOU) between Sri Venkateswara University (herein after called SVU) (the First Party) and CKS Theja Institute of Dental Sciences and Research, Tirupati (herein after called CKSTIDSR) (the Second Party) entered into this ----- 2016.

Preamble:

Whereas SVUniversity is a traditional university established by Govt. of Andhra Pradesh with the "Vision and Mission" to develop qualified and competent citizens through teaching and training, expand the horizons of knowledge through research, to lend knowledge and support to various organizations for their effective functioning, to contribute to the creation of a happy and healthy society through fruitful interaction with it, and to participate in the development of the society. Sri Venkateswara University, a premier institution in the area of Teaching and Research in the country, was established by an act of State Universities in 1954. The "Objectives of the University" are – to build capacity of well rounded faculty through Innovative Pedagogy, Training, Research and Consultancy for meeting industry needs and achievements societal values, so as to advance knowledge and dedicate students in Science, Technology and other areas of Scholarship that will best serve the Nation and World in 21st Century. The University is committed for generating, disseminating and preserving knowledge and to work with others to bring this knowledge to bear on the world's great challenges. The University is dedicated for providing its students with an education that combines rigorous academic study and the excitement of discovery with the support and intellectual stimulation of diverse campus community.



CKS Theja institute of Dental Sciences and Research, Tirupati, Andhra Pradesh, India is a premier dental institution offering Undergraduate and Postgraduate curriculum and PhD in dentistry. The school will play a strategic role in the accomplishment of the ministry of health, Govt. Of India, goals for oral health in the region, especially related to the burden of oral diseases. Faculty and staff in the school possess expertise that could be shared globally through educational and training programs or through meetings, conferences or consultations. CKS Theja institute of dental sciences and Research is fully equipped in personnel expertise, educational and clinical resources, and physical facilities to achieve our vision and goal. The School also aims to engage locally and globally by sharing knowledge with and learning from the University's neighbors both local and around the world. The school mission has broadened to include the conduct of research in the prevention, detection, and treatment of oral diseases that are manifested in the oral cavity or elsewhere in the body as a result of oral infection.

CKS Theja institute of dental sciences and Research is interested in research collaboration with your university, which is to provide global leadership for research, training, health information dissemination, and other programs with respect to the cause, prevention, diagnosis, and treatment of Oral Diseases. To achieve this mission, CKS Theja institute of dental sciences and Research encourages researchers to build strategic alliances with the institution that will increase the pace at which translational research findings can become clinical applications that improve community and population health.

Scope of MOU

Whereas SVU and CKSTIDSR are willing to jointly participate in the development of research activities. The research projects will be coordinated between various departments of SVU and CKSTIDSR with their respective areas of research and expertise. This MoU will cover the joint efforts of SVU and CKSTIDSR in the areas of several research programmes in Regenerative Medicine, Nanotechnology, Molecular Biology, and Periodontal Medicine which are related to the departments of SVU Virology, Microbiology, Botany, Biotechnology, Biochemistry, Chemistry, Zoology and Physics. In accordance with the mutual desire to promote cooperation between SVUniversity and CKS Theja institute of dental sciences and Research, Tirupati, both the University and Institute enter into this formal statement of collaboration in the form of Memorandum of Understanding (MoU) for the purpose of Academic and collaborative research interaction.

Both the institutions have found it mutually beneficial to explore cooperative activities for the following purposes:

- 1) Collaboration in Research activities between the said Institute and University.
- 2) Exchange of visits of Scientists/Faculty between CKSTIDSR and Faculty Members of the University to their counter part and place.
- 3) Organization of joint Seminars/Training Programmes/Meetings.
- 4) Need based training of mutual interest to students and researchers.

Furnish full details of the responsibilities to be done:

1. Research collaboration in various fields of basic and applied research.
2. Research supervisors/ external guides for Ph.D., Programmes.
3. Project Investigators/ co-investigators for various funding agencies both national and international.

4. Expert committee members of research activities.
5. Visiting Scientists for various departments.

Responsibilities of SVU:

1. Basic studies of isolation, identification and characterization of Oral anti-cancer ligand are to be studied.
2. Production of various active bio-molecules against Oral cancer will be characterized.
3. Standardization of various methodologies useful for stem cell research field to perform.
4. Animal model and Cell culture model studies are to be done before going to the hospital.
5. Medical oriented results can contribute by using different analytical methods-statistical, computational, other innovative methods.

Responsibilities of CKSTIDSR:

1. Clinical trials to be performed by using the active bio-molecules isolated and characterized.
2. Collection of tissue, blood and their products can be given to the SVU for further analysis.
3. Comparative studies of the both *in vitro* and *in vivo* to confirm the action of the samples.
4. The novel studies will be registered, patented under joint venture with SVU.
5. The active studies can be extended to the lab to community and finally reach to the industry with tie-up programme through Government agencies.

Administration:

Overall responsibilities of the project will rest with Sri Venkateswara University and CKS Theja institute of dental sciences and Research, Tirupati, through the Registrars of the respective university and institute.

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Funds for the Collaborative projects obtained from various funding agencies i.e., UGC, DBT, DST, CSIR, ICAR, DRDO, ICMR, MHRD, BRNS, any overseas projects etc., will be utilized under combined programmes. The equipment/consumables/supplies will be shared between SVU and CKSTIDSR.

Intellectual Property Rights:

1. The R&D information generated shall be shared by both the collaborating parties.
2. Any publication shall be by mutual consent of the coordinators.
3. Patents and other benefits, arising out of the project if any, shall be shared between the collaborating parties.
4. For projects identified as having a distinct potential of generating know-how leading to commercial applications, NRDC (National Research Development Corporation of India) Guidelines will be followed.

NRDC Guidelines:

1. To bring to the notice of the Investigator, prospective user of the technology being developed.
2. To do market research about the product and bring out a comprehensive study about the market potential for attending entrepreneur.
3. For effective coordination between the laboratory generating the know-how and the entrepreneur.
4. To take such other steps as may facilitate the communication of know how.
5. NRDC will retain 40% of the royalty/premia and the remaining 60% will be sent to the Institution for generating the know-how. The sharing of 40% between the Institute and the project investigator team may be decided by the Institute.

It is agreed by the University and the Institute that the details of joint activities/conditions for utilization of results achieved, arrangements for specific visits, exchange and all other form of cooperation will be handled on mutually agreeable terms for each specific case.

This MoU being a general agreement of non-committal nature, when deemed necessary for any activities which have been either included herein or even not included herein, separate agreements may be signed among the university and institute. Such specific activities may be for research activities for technology development which may even lead to translational activities and product development directly or indirectly bringing in commercial revenues for those involved.

This agreement shall take effect from the date of this agreement (that is--- 2016) and remain in force for five years. Thereafter, if the Institute and the University want to carry on this agreement after the expiry date, this agreement shall be carried on with discussion. Either of the parties may withdraw from the MoU by giving an advance notice of 30 days to the other party.

In witness where of, the parties hereto have caused this Agreement to be executed by their duly authorized representatives at the places and on the dates respectively set forth here above.

Prof. D. K. RAM
REGISTRAR
SRI THEJA UNIVERSITY
TIRUPATI

Dr. SUCHAIRTHA
Chairperson
CKS Theja Institute of Dental Sciences & Research
Tirupati

Witness

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Witness

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