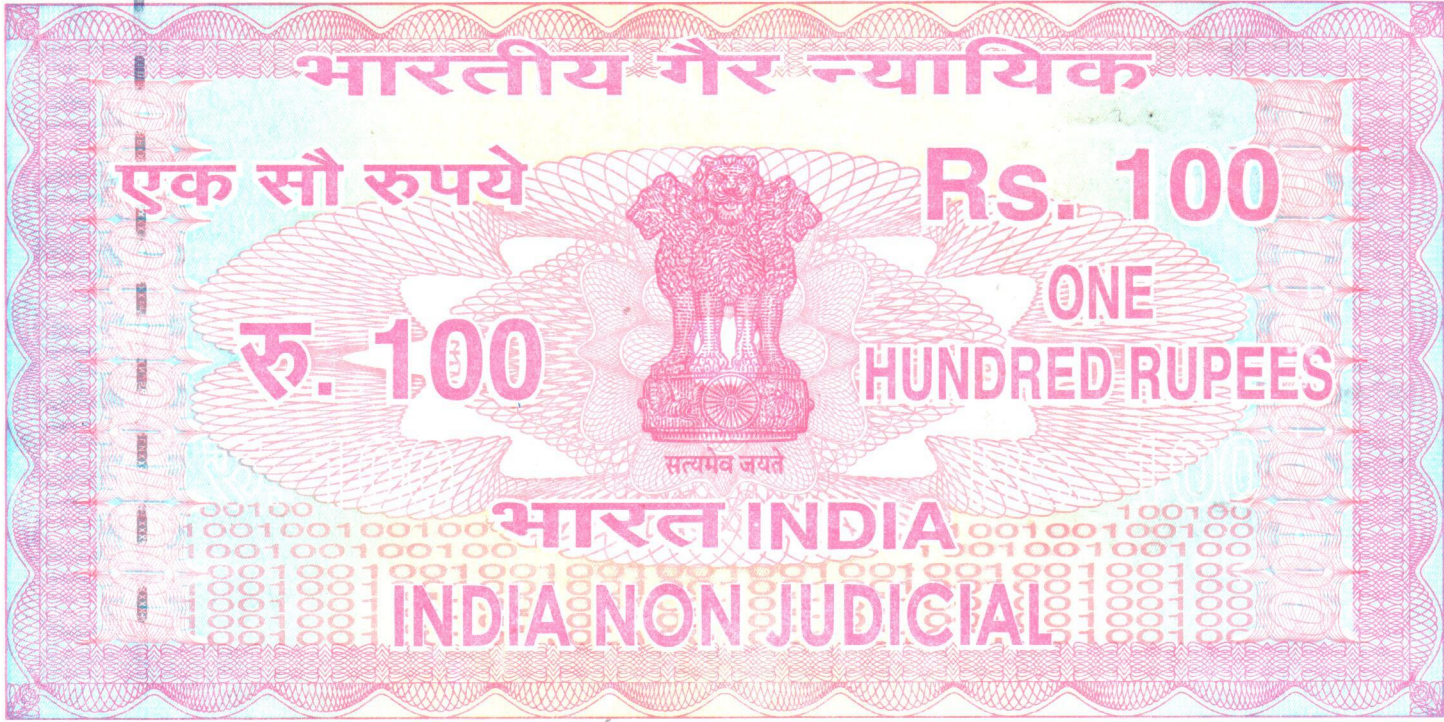




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NATIONAL INSTITUTE OF
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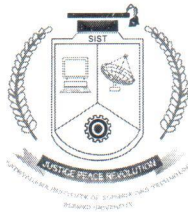
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Memorandum of Understanding (MoU) Between



National Institute of Siddha, Chennai

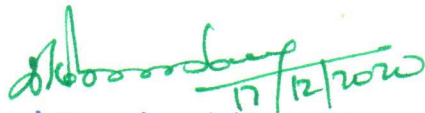
And



Sathyabama

Institute of Science and Technology, Chennai

On 17th December, 2020



प्रो.डॉ.आर. मीनाकुमारी / Prof. Dr. R. Meenakumari

निदेशक / Director

राष्ट्रीय सिद्ध संस्थान / National Institute of Siddha

आयुष मंत्रालय, भारत सरकार

Ministry of AYUSH, Govt. of India

ताम्बरम सानटोरियम, चेन्नै-600 047.


Dr. T. SASIPRABA, M.E., Ph.D.,
VICE CHANCELLOR

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Jeppiaar Nagar, Rajiv Gandhi Salai



Memorandum of Understanding (MoU)
Between
National Institute of Siddha, Chennai
AND
Sathyabama Institute of Science and
Technology, Chennai



1.0 Preamble:

This MoU entered into and executed on the 17th day of December 2020 between National Institute of Siddha, (a center of excellence with research and higher education in Siddha system of Medicine), Tambaram, Chennai - 600047 (hereinafter called "NIS, Chennai") and Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, India (hereinafter called "Sathyabama Institute of Science and Technology, Chennai")

2.0 About NIS Chennai

National Institute of Siddha is an Autonomous organization under the Ministry of AYUSH, Govt. of India. The Institute affiliated to the The Tamilnadu Dr.M.G.R.Medical University, Chennai. The NIS aims to provide the best possible post graduate education and research in Siddha, by putting together a team of distinguished faculty members and building a quality resource base. The Ayothidoss pandithar Hospital attached with this institute is a NABH accredited Hospital, providing healthcare services to the public and is imparting clinical training to the Post Graduates. The OPD and IPD, with 200 bed strength are functioning on all the 365 days of the year and cater around 2500 patients per day through its OPD setup. The mission of NIS is to provide affordable, compassionate and quality healthcare services through Siddha system of medicine improve quality and standards of clinical teaching in post graduate education, evolve as a centre of excellence in providing healthcare through Siddha system of medicine.

3.0 About Sathyabama Institute of Science and Technology

Sathyabama Institute of Science and Technology is a prestigious institution which excels in the fields of Engineering, Science and Technology for more than three successful decades. It offers multi-disciplinary academic programmes in various fields of Engineering, Science, Technology, law, Dental Science, Pharmacy, Nursing, Management, Arts and Science and Allied Health

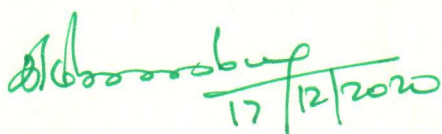
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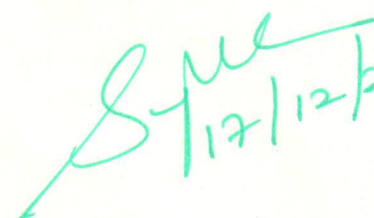
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Dr. T. SASIPRABA, M.E., Ph.D
VICE CHANCELLOR
SATHYABAMA

Sciences. It is established under Sec.3 of UGC Act, 1956 and is been Accredited with 'A' Grade by the National Accreditation and Assessment council. The Institution persistently seeks and adopts innovative methods to improve the quality of higher education and is responsive to the changes taking place in the field of education on a global scale. The Institution has a team of dynamic and outstanding faculty; innovative pedagogical practices, state of the art infrastructure and world class Research Facilities. Sathyabama has a good presence in rankings and ratings at National and International level. The Institution has been ranked in 39th position by the National Institutional Ranking Framework (NIRF), Government of India among the Universities in India for the year 2020 and ranked one among the top 50 Universities for five consecutive years. Sathyabama is ranked among the Top 5 Institutions in the Country for Innovation by ATAL ranking of Institution for Innovation Achievements, Govt. of India. It is a research-intensive University with world class laboratories and research facilities and is involved in research in the emerging areas of Science and Technology.

4.0 Purpose of MoU

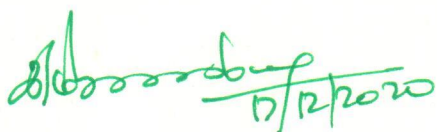
This MoU signed between NIS, Chennai as first party and Sathyabama Institute of Science and Technology as second party, to achieve excellence in medical education, research and patient care are the common mission areas for both the organizations. The major purpose of this MoU is to establish a fruitful means of exchange knowledge, information and research, and to facilitate and enhance the interaction between two organizations towards common mission of achieving excellence in medical education and research. The MoU is aimed at facilitating collaboration towards advancement of knowledge and its application in practice on the basis of reciprocity, best effort, mutual benefit and frequent interaction. In this regard, NIS Chennai and Sathyabama Institute of Science and Technology agree to develop their academic links especially in the field of medical education, patient care and research under principles of mutual understanding, common interest and mutually complementary activities. It is also understood that the detailed terms and conditions that guide each joint activity will be separately determined and agreed upon by the two institutes through an independent agreement or exchange of letters, if required. However, NIS Chennai and Sathyabama Institute of Science and Technology agree that will be free to participate in other projects acting either individually or collectively.

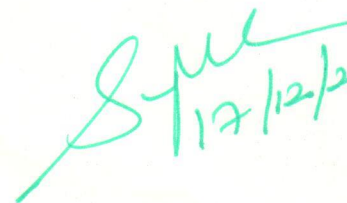

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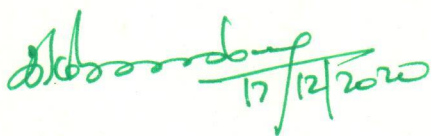
5.0 Scope of MoU:

- i. To jointly Sponsor Research and Academic activities: Both the organizations hereby agree to conduct joint researches for the common interest at regional, national and international levels to develop effective methods in way of applying the relevant knowledge already available for strengthening the public health care initiatives and its priority areas as well as basic and applied research such as development of new Siddha products both as medicine and dietary supplement which include participation in clinical & preclinical evaluation for the advancement of Siddha system of medicine and which includes preparation of proposals and their implementation.
- ii. Sathyabama Institute of Science and Technology agrees to access its International research centre and Col.Dr.Jeppiaar Research Park as per pre fixed schedule and access their facilities; Promote the interdisciplinary researches herbal and mineral formulations, standardization of the product to harmonize the process with the aim of validating the safety and efficacy of those formulations.
- iii. The centers Sathyabama Institute of Science and Technology include in, Centre for Nanoscience and Nanotechnology the Centre for Bioresource Research and Development, Centre for Quality Assurance and Non-Destructive Evaluation, Centre for Waste Management, Centre for Molecular and Nanomedical, Sciences Centre for Laboratory, Animal Research, Centre for Drug Discovery and Development. Among the above-mentioned areas can support NIS in Siddha drug discovery and target identification studies, animal cell culture and Animal centre. Students can carry out research projects and gain hands on experience with concessional and priority basis.
- iv. The two organizations agree to share their respective important research and development facilities in order to promote academic and research in the areas of co-operation to intensify the high priority area program of herbal and mineral drug research & technology. Both the organizations agree to access to laboratory, library, hospital, and other supporting facilities. The said organizations shall jointly agree the methodology. Individual participation and reporting of results of the particular joint research.


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- v. Organizing Joint seminars, webinars, conferences, workshops, continuing medical education programs: NIS Chennai and Sathyabama Institute of Science and Technology hereby agree to jointly conduct the above said programs, in areas of mutual interest. These events may be organized in NIS Chennai or/ Sathyabama Institute of Science and Technology or somewhere else, as per the mutual consent of both organizations.
- vi. NIS Chennai and Sathyabama Institute of Science and Technology agree to utilize their expertise for the development of Siddha so that opportunities for fruitful and effective integrative medical research and education may be created and collaboration between contemporary medicine and Siddha may be utilized for the benefit of society as a whole.
- vii. NIS Chennai and Sathyabama Institute of Science and Technology further agree to investigate ways of identifying and inviting experts from the other institutions/organizations to participate in ongoing research and academic activities of mutual interest. It is anticipated that the terms and conditions for such participation would be worked out through mutual agreement between the invited expert member(s) and organization extending the invitation.
- viii. NIS Chennai and Sathyabama Institute of Science and Technology shall work towards providing technical and consultancy services for monitoring, evaluation, documentation of process of academic/research project implementation on mutually agreed terms and conditions. This will be applicable only to projects jointly implemented by the both the partner organizations which shall also take the responsibilities of documenting the proceedings and publishing it in form of books by national and international publishers acknowledging copy right and contribution of both the partner organizations.
- ix. Joint mobilization of Fund and Grant: NIS Chennai and Sathyabama Institute of Science and Technology agree towards joint mobilization of grant and fund from different donor agencies identified by both the parties from time to time. This will be done through approaching appropriate donor agencies and Government departments and following their guidelines and application forms for implementing collaborative research and health care projects, publications, conferences, workshops, CMEs and seminars.
- x. To publish Books and Journals: NIS Chennai and Sathyabama Institute of Science and Technology agree to mobilize resources and fund to jointly publish books and journals on the thematic areas of mutual interest. Both the partner organization agrees to respect each other's


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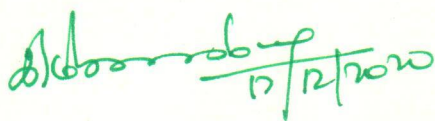

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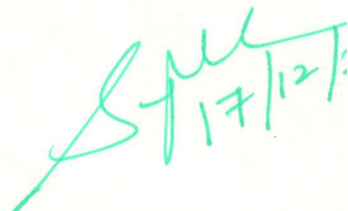
to intellectual property. All background IP used in connection with this MoU shall remain the property of both the partner institutions.

- xi. To develop reference material, training methods and services: Both the organizations also agreed to develop methods and materials such as Information Education & Communication (IEC) projects in the promotion of Siddha for training in the fields of mutual interest. NIS Chennai and Sathyabama Institute of Science and Technology will work to develop tools, techniques and methodologies for research and evaluation, and also to carry evaluation of plans, programs and projects related fields.
- xii. To promote individual contacts: Both the organizations will promote individual contacts among scholars, students and personnel of both institutes to provide opportunities for both staff and students to use to maximum the expertise and facilities available in both the organizations through training of students/PhD scholars/ staff/faculty through exchange of thoughts by brain storming sessions/seminars/workshops/trainings and meetings.
- xiii. Both the institutes also agree to support the exchange of academic, clinical, research and training material and sharing of academic data, scientific information, intellectual property, articles and publications arising from their joint ventures. Faculty/staff and research fellows may visit the institution / industry for a short period in connection with their research work under joint collaboration program.
- xiv. Towards use of logo of both the partner agencies for national and international workshops/seminars/conferences jointly hosted by these partner agencies shall be allowed.
- xv. To exchange any other activities that both the institutions agreed to be on mutual benefit.

General Terms and Conditions:

- a) This MoU is only a non-binding statement of intent to foster genuine and mutually beneficial collaboration
- b) The implementation of this MoU shall be within the parameters of the policies, rules and regulations of both the institutions.
- c) The parties to this MoU may, by mutual consent, add, modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.


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- d) The parties to this MoU undertake to treat as CONFIDENTIAL AND PRIVILEGED information of the other institution, which is classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.
- e) This MoU does not obligate either NIS Chennai or Sathyabama Institute of Science and Technology to provide funds and/or resources from its own or other sources unless agreed to in writing.
- f) The MoU shall remain force for a period of five years from the date of its signature and seal, and may be terminated by either side by giving a 3 months' notice to that effect in writing. However, notwithstanding the notice of the intent to terminate the memorandum, all rights, obligations and corresponding duties and subsisting therein shall be respected and mandated till the finalization and accomplishment thereof.
- g) Once terminated, neither NIS Chennai nor Sathyabama Institute of Science and Technology will be responsible for any losses, financial or otherwise, which the other institute may suffer. However, while terminating, both the parties shall ensure that all activities in progress be allowed to undergo logical/successful end.
- h) Extension of MoU: Any extension of this MoU must be formally agreed in writing by the partners of MoU
- i) Resolution of Dispute: Should there be a dispute relating to any other aspect of research collaboration and cooperation, the respective Heads/Signatories/authorized representatives of the partners organizations will jointly resolve the dispute in spirit of Independence, mutual respect and shared responsibility. However, in case of failure to reach a settlement, the dispute shall be resolved by way of arbitration under the provisions of Indian Arbitration and Conciliation Act, 1996. Place of Arbitration shall be Chennai. The decision will be binding on both the parties. The courts at Chennai shall have the exclusive jurisdiction in case of any dispute between the parties.
- j) Research Cell: To ensure accountability and speedy implementation of the projects, Research cell of both the institute will take appropriate steps, so that more numbers of projects can be finalized in time.
- k) Mutual and separate responsibilities: Both the parties have agreed to the following terms regarding their mutual and separate responsibilities.


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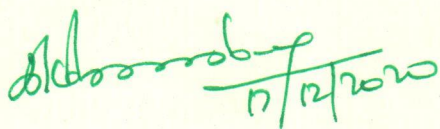

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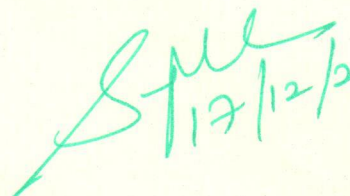
Mutual Responsibilities: All logistic support for the joint research, clinical and academic collaborations will be as per the policy of the both organizations. Any other logistic requirement for the mutually identified/agreed upon specific research project shall be delineated as per the need and provided as per the mutual decision & approval of the competent authority of the respective organizations. It has been agreed to by the parties that the cost of secretarial and clerical personnel, technicians and other scientific support personnel will be borne by the employer of such personnel. However, where mutually advantageous, costs of support personnel may be borne by one organization, which may either enter into agreement with the other, subject to the regulations of each, for the supply of certain services, equipment and other recurring demands. The cost related to travel/lodging of the personnel from either the organizations for the research projects/training shall be borne by the employer of the personnel.

Separate responsibilities: Specific separate responsibilities of the Institute shall be determined and clearly stated based on the merit of the project undertaken.

Common Responsibilities of both partners and they shall provide:

- i. Guidance for establishment of clinical, academic and research infrastructure as required.
- ii. Training in research to UG and PG students/faculties
- iii. Guidance and technical support in capturing clinical data in research mode and in a methodical manner.
- iv. Identify, provide technical support to develop specific research protocols to take up specific collaborative research projects as feasible.
- v. Supervision of research, academic and clinical projects.
- vi. To carry out other responsibilities that both the organizations agreed to be on mutual benefit.
 - a) IPR and Publication issues: The investigator or staff for the research projects shall not obtain intellectual property rights without prior approval of the either or both Institutes, as applicable. The parties have agreed to consult each other for any publication in respect of the any collaborative projects under this agreement. The contributors from both organizations


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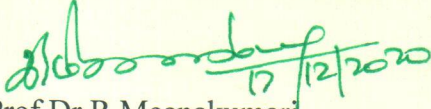

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will be included as authors or their contribution will be duly acknowledged as per guidelines for authorship at the time of publication of manuscripts.

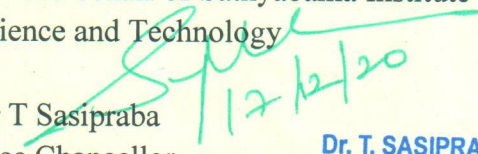
- b) Force Majeure: As agreed by the parties, neither of them shall be held responsible for non-fulfillment of their respective obligations under this agreement due to exigency of one or more of the events such as but not limited to acts of god, war, flood, earthquake, epidemics, riots, pandemics, civil commotion like that provided that the occurrence and cession of any such events, the party affected thereby shall give a notice in writing within 01(One) month of such occurrence or cessation. If conditions continue beyond six months, the parties shall then mutually decide about the future course of action.
- c) Notices: All notices and other communications required to be served under the terms of this agreement shall be considered to be duly served if the same shall have been delivered to, left with or posted by registered mail to one party by the other party in their registered addresses.

IN WITNESS WHEREOF, THE PARTIES THROUGH THEIR AUTHORIZED REPRESENTATIVES HAVE EXECUTED THIS MEMORANDUM OF UNDERTAKING AT CHENNAI ON THE DAY, MONTH & YEAR MENTIONED ABOVE

For and behalf of NIS Chennai


Prof. Dr. R. Meenakumari
Director,
National Institute of Siddha,
Govt. of India, Tambaram Sanatorium,
Chennai, Tamil Nadu
Ministry of AYUSH, Govt. of India
Tambaram Sanatorium, Chennai-600 047.

For and behalf of Sathyabama Institute of
Science and Technology


Dr T Sasipraba
Vice Chancellor

Sathyabama Institute of Science and
Technology (Deemed to be University)
Jeppiaar Nagar,
Rajiv Gandhi Salai,
Chennai - 600 119.

Dr. T. SASIPRABA, M.E., Ph.D.,
VICE CHANCELLOR
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai
Chennai - 600 119.

Witnesses

1. 
(M. MEENAKSHI SUNDARAM)

2. 
(Dr. S. SIVAKUMAR)

1. 
(Dr. Y. Swarnalatha)

2.