

DETAILS OF THE RESEARCH PROJECTS/SPONSORED RESEARCH UNDERTAKEN

1. Details of Ongoing Projects

| S. No | Title | Funding Agency | Investigators | Budget sanctioned |
|-------|--|-------------------|--|-------------------|
| 1. | An Observational Proof-of-Concept (PoC) Retrospective Study to Evaluate the Safety and Efficacy in COVID 19 patients treated with selected Siddha formulations and Standard of care. | Ministry of AYUSH | Principle Investigator: Prof.Dr.R.Meenakumari Director, NIS. Co- Principle Investigator: Prof. Dr.M. Meenakshi Sundaram, professor & HoD, Department of Kuzhandai Maruthuvam. Dr.R.Madhavan, Associate Professor & HoD(i/c), Department of Nanju Maruthuvam. Dr.P.Shannugapriya, Associate professor, Department of Nanju Maruthuvam., Dr. A.Mariappan, lecturer, Department of Gunapadam. | Rs. 88,868.00 |
| 2. | A Randomized Controlled Clinical Trial to determine the complementary effect of selected Siddha formulations in facilitating the possibility of accelerated recovery in COVID 19 patients. | Ministry of AYUSH | Principle Investigator: Prof.Dr.R.Meenakumari Director, NIS. Prof. Dr.A.Sundaram , Dean, SRM Medical College Hospital, Kattankulathur. Co- Principle Investigator: Prof.Dr.M. Meenakshi Sundaram, Professor & HoD, Department of Kuzhandai Maruthuvam,NIS. Dr.R.Madhavan Associate Professor &HoD (i/c), Department of Nanju Maruthuvam, NIS. Dr.P.Shannugapriya, Associate Professor, Department of Nanju Maruthuvam, NIS. Dr.M.Ramamurthy, Lecturer, Department of Gunapadam, NIS. | Rs. 16,27,564.00 |

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| 3. | A prospective non randomized open label controlled intervention study on the effect of polyherbal Siddha formulation Kabasura Kudineer as a prophylactic measure among high risk population (Health care workers / Containment Zone Population) exposed to Covid 19. | Ministry of AYUSH | Principle Investigator: Prof.Dr.R.Meenakumari Director, NIS Co- Principle Investigator: Prof. Dr.N.J.Muthukumar, Professor & Hod, Department of Sirappu Maruthuvam, Dr.R.Madhavan Associate Professor &Hod (i/c), Department of Nanju Maruthuvam, NIS. Dr.S.Elansekaran, Associate Professor, Department of Noi Naadal, Dr.S.Sivakumar, Associate professor, Department of Gunapadam, Dr.K.Suresh Associate Professor, Department of Kuzhandai Maruthuvam, Dr.A.Muthuvel, Assistant Professor (Biochemistry). Dr.P.Arul Mozhi, Lecturer, Department of Kuzhandai Maruthuvam. | Rs.16,13,300.00 |
| 4. | An Open-Label Randomized Controlled Clinical trial to evaluate the Safety and Efficacy of selected Siddha formulations in patients diagnosed with COVID-19. | Ministry of AYUSH | Principle Investigator: Prof.Dr.R.Meenakumari Director, NIS Co- Principle Investigator: Prof. Dr.G.J.Christian, professor & HoD, Department of Noi Naadal, NIS. Dr.T.LakshmiKantham, Associate Professor, Department of Maruthuvam, NIS, Dr.S.Elansekaran, Associate Professor, Department of Noi Naadal, NIS. Dr.M.Ramamurthy, Lecturer, Department of Gunapadam, NIS. | Rs:13,16,220.00 |



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| 5. | Preclinical toxicity studies of Siddha formulation selected as adjuvant therapy for COVID 19 | Ministry of AYUSH | Principle Investigator: Prof.Dr.R.Meenakumari Director, NIS Co- Principle Investigator: Dr.R.Madhavan Associate Professor &HoD (i/c), Department of Nanju Maruthuvam, NIS. Dr.P.Shannugapriya, Associate professor, Department of Nanju Maruthuvam. Dr.V. Suba, Assistant Professor (Pharmacology), NIS. Dr.B.R.Senthil Kumar, Assistant Professor, (Physiology), NIS. | Rs. 9,21,750.00 |
| 6. | Antihypertensive potential and Toxicological evaluation of Kurthi Azhal Chooranam in Rat models | Ministry of AYUSH | Dr. T.Lakshmikantham Department of Maruthuvam | Rs. 36,83,400.00 |
| 7. | Standardization and Evaluation of Siddha purification process of Sulphur with evaluation of preclinical safety and in-vitro efficacy of Ganthaga Mezhugu proposed for Psoriasis (Kalanjaga Padai) Management | Ministry of AYUSH | 1. Dr.G.J. Christian 2. Dr. P.Shannugapriya | Rs. 39,37,395.00 |
| 8. | Regional Raw Drug Repository (RRDR) for ASU&H systems of medicine (Southern Plateau) | National Medicinal Plants Board, Ministry of AYUSH | Collaborative Project- Lead Institute-National Institute of Siddha, Collaborating Institutes 1. Siddha Central Research Institute (SCRI), Chennai 2. Regional Research Institute of Unani Medicine, Chennai | Rs. 5,00,00,000 |
| 9. | Design and development of natural hepato-protective churanam for army personnel working in extreme conditions | Life Science Research Board, Defence Research & Development Organization | Principle Investigator Dr.Y.Swarnalatha, Professor, Department of Biotechnology, Sathyabama University, Chennai Co- Principle Investigator Dr.S.Sivakumar Department of Gunapadam, National Institute of Siddha | Rs.32,37,070.00 |



2. Details of Completed Projects:

| S. No | Title | Funding agency | Investigators |
|-------|--|---|---|
| 1. | An Observational Proof-of-Concept (PoC) Retrospective Study to Evaluate the Safety and Efficacy in COVID 19 patients treated with selected Siddha formulations and Standard of care. | Ministry of AYUSH | Prof.Dr.R.Meenakumari Director, NIS |
| 2. | Standardization and Evaluation of Purification process of Veeram (Mercuric Per Chloride) | Ministry of AYUSH | Dr. M.Madhavan |
| 3. | Promoting the Siddha Intervention for Anaemia (Pandu) among rural women at adolescent age in Virudhunagar District, Tamilnadu | Ministry of AYUSH Central Sector Scheme for Grant in aid for promotion of AYUSH intervention in Public Health Initiative | Dr.M. Logamanian |
| 4. | Evaluation of Physio-Chemical characters and Anti-microbial effect of Traditional Siddha Preparation <i>Amakadi</i> (Rice Vinegar) | The Tamil Nadu MGR Medical University, Chennai | Dr. S. Sivakkumar |
| 5. | Siddha treatment guidelines for selected diseases | WHO sponsored Project | Prof.Dr.K.Manickavasakam Director, NIS |
| 6. | Development of Standard Siddha Terminologies | WHO sponsored Project | Prof.Dr.K.Manickavasakam Director, NIS |
| 7. | Screening the Physico chemical properties and evaluation of Anti -diabetic potency of <i>Puttramsoru</i> (Termite soil) | Central Council for Research in Siddha, Chennai | Dr. T. Sasipriya, Dept of Gunapadam |
| 8. | Evaluation of Heating Process as Mentioned in Siddha literatures | The Tamil Nadu MGR Medical University, Chennai | Dr. G. Kaaruniya, Dept of Gunapadam |

Dr. S. Sivakkumar