



**SENGAMALATHAYAARE EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**

(Accredited by NAAC) (An ISO 9001:2015 Certified Institution)

(Ranked in NIRF 2024)



(SILVER JUBILEE INSTITUTION)



**SUNDARAKKOTTAI, MANNARGUDI,
THIRUVARUR (DT), TAMIL NADU, S.INDIA.**

PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY


Details of MoUs with different firms/industries/organizations



S. NO.	MOU BETWEEN	DEPT. INVOLVED	SIGNED DATE and DATE OF EXPIRY	OBJECTIVE	ACTIVITY	LINK
1.	Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and Harman Institute of Science Education and Research, Thanjavur.	Biochemistry	28.09.2020 To 04.12.2025	<ol style="list-style-type: none">1. To initiate and to carry on collaborative research projects.2. To utilize mutually research facilities available.3. To use lab / Instrumentation/Library facilities.4. To have student/faculty exchange programme.5. To review the syllabus content of courses offered.	Research activities: 2022-2023, 2023-2024.	

2.	Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and Meenakshi Hospital – Thanjavur.	Biochemistry, Microbiology, Nutrition and Dietetics	22.01.2021 To 22.01.2026	<ol style="list-style-type: none"> 1. To give hands on experience in handling instruments such as autoanalyser in the hospital, etc., to the UG and PG students of Biochemistry. 2. To permit the students of the institution to carry their project works such as case study. 3. To facilitate the recruitment of our graduates and post graduates in Biochemistry. 4. To suggest changes in the syllabus of Biochemistry of UG /PG programmes in accordance with expectations of the industry. 	Clinical Internship: 2021-2022, 2022-2023, 2023-2024, 2024-2025.	
3.	Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and Petro Gang Paints Kattavadichanpatti –Tamil Nadu.	Biochemistry, Chemistry	15.09.2021 To 15.09.2026	<ol style="list-style-type: none"> 1. To provide/share facilities for internship training, industrial visit in the areas of mutual relevance, guest lecture, career guidance programme, placement and project assistance for the students. 2. To suggest and facilitate changes in the syllabus of Chemistry and Biochemistry if any, in accordance with global needs. 	Workshop: 2021-2022	


4.	Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and Mani Multispecialty Hospital, Thiruthuraiipoondi –614 713.	Biochemistry	15.09.2021 To 15.09.2024 Renewal: 24.09.2024 To 24.09.2029	<ol style="list-style-type: none"> 1. To provide/share facilities for Internship training, Guest lecture, programme, placement and project work for the students. 2. To suggest changes in the syllabus of Biochemistry if any, in accordance with global needs. 	Clinical Internship: 2021-2022.	
5.	Sengamala Thayaar Educational Trust Women's College, (Autonomous), Sundarakkottai, Mannargudi. and RedMed Medical Services, Alandur, Chennai – 600016.	Biochemistry, Microbiology, Nutrition and Dietetics and chemistry	27.10.2021 To 27.10.2026	<ol style="list-style-type: none"> 1. Initiating researches to develop new pharmaceutical products to improve human life and health. 2. Initiating researcher's towards the determination of the novel drug formulations by probing the phytoalkaloids and flavonoids for possible drug like components. 3. Formulating highly effective and cost-effective technology for drug like components from the resources. 4. Arranging personnels from both sides for hands-on training in crystallography. 5. Motivating and encouraging the researchers to select new microbial consortium for developing pre and probiotic formulations. 6. Establishing novel ways to incorporate herbal constituents in the products 	<p>Patent processing and Trade mark applying:</p> <p>2021-2022</p> <p>Research activities:</p> <p>2022-2023, 2023-2024.</p>	


				<p>of RMMS.</p> <ol style="list-style-type: none">7. Sharing new development processes and products between STET and RMMS to improve the production range.8. Initiating researchers to determine the novel processes for identifying the sustained release and extended release dosage forms of the drugs.9. Evolving marketing strategy for the different range of pharmaceutical products using the services of the students of MBA of STET.10. Creating employment opportunities for the students of STET to empower them in the aspect of money making.11. Sharing Microbiologists to the quality control department who, subject to each stage of production process to hawk-eye surveillance.12. To support the outstanding scholars within the pursuit of research, the fund generated through the activities.13. The manufacturing process is to produce as many goods as possible in the least expensive way possible.		
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				<p>Manufacturers can only achieve that objective by relying upon heavy equipment, much of which is automated.</p> <p>14. To cultivate, maintain and increase a company's market share by satisfying a consumer demand.</p> <p>15. To jointly register the trademarks which qualify for registration as per provisions of the Trade Marks Act and Rules, and to maintain the Register of trade marks.</p>		
6.	<p>Sengamala Thayaar Educational Trust Women's College(Autonomous), Sundarakkottai, Mannargudi.</p> <p>and</p> <p>TANBIO R&D solutions, Periyar Technology Business incubator, Periyar University Vallam, Thanjavur.</p>	<p>Biochemistry, Microbiology, Nutrition and Dietetics</p>	<p>27.01.2022 To 27.01.2027</p>	<p>1. To following are the general objectives proposed under this Memorandum of Understanding.</p> <p>2. To initiate and to carry out collaborative research projects.</p> <p>3. To mutually utilize the available research facilities including laboratories, instrumentation and library.</p> <p>4. To arrange for student/faculty exchange programme.</p> <p>5. To review periodically the syllabus content of courses offered.</p> <p>6. To provide resource person for seminars and conferences.</p>	<p>Research activities:</p> <p>2022– 2023.</p> <p>2023– 2024.</p>	

7.	<p>Sengamala Thayaar Educational Trust Women's College(Autonomous), Sundarakkottai, Mannargudi.</p> <p>and</p> <p>K.S.Variers Ashtanga Ayurvedics Private Limited, Tiruchirappalli, Tamil Nadu, India - 620001,</p>	Biochemistry.	16.02.2022 To 16.02.2027	<ol style="list-style-type: none"> 1. To provide/ share facilities for Industrial visit for the students. 2. To provide/share facilities for Project Training and Project Work for the students. 3. To organize Career Guidance Programme, Skill Development Programme, Guest Lecture, Seminar, Conference, Workshop for the students and Faculty Development Programme for the faculty members. 4. To facilitate the placement assistance for under graduate and post graduate students. 5. To provide the platform to undergo training on Entrepreneurship so as to make them good entrepreneurs. 6. To facilitate sharing of expertise available at both ends for mutual benefits in the field of technical education, training, scientific and industrial Research. 	<p>Industrial visit:</p> <p>2022-2023, 2023-2024.</p>	
8.	<p>Scigen Research & Innovation Pvt Ltd, Periyar Technology Business Incubator, Thanjavur.</p>	Biochemistry	18.08.2022 TO 18.08.2027	<ol style="list-style-type: none"> 1. To provide/share facilities for Internship, Industrial visit for the students. 2. To provide/share facilities For Project Training and Project Work for the 	<p>Research activities:</p> <p>2022– 2023. 2023– 2024.</p>	

				<p>Students.</p> <ol style="list-style-type: none">3. To organize Career Guidance Programme, Skill Development Programme, Guest Lecture, Seminar, Conference, Workshop for the students and Faculty Development Programme for the faculty members.4. To facilitate the placement assistance for under graduate and post graduate students.5. To provide the platform to undergo training on Entrepreneurship so as to make them good entrepreneurs.6. To initiate and to carry on collaborative research projects, joint paper publications, Funding Projects and to utilize mutually research facilities available and to use laboratory/instrumentation / Library.7. To facilitate sharing of expertise available at both ends for mutual benefits in the field of technical education, training, scientific and industrial research.		
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9.	<p>Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi.</p> <p>and</p> <p>Galileovasan offshore and Research and Development PVT. LTD. Nagapattinam, Tamilnadu.</p>	Biochemistry, chemistry	22.08.2022 To 22.08.2027	<ol style="list-style-type: none"> 1. To provide/share facilities for Internship, Industrial visit for the students. 2. To provide/share facilities for Project Training and Project Work for the students. 3. To organize Career Guidance Programme, Skill Development Programme, Guest Lecture, Seminar, Conference, Workshop for the students and Faculty Development Programme for the faculty members. 4. To facilitate the placement assistance for under graduate and post graduate students. 5. To provide the platform to undergo training on Entrepreneurship so as to make them good entrepreneurs. 6. To initiate and to carry on collaborative research projects, joint paper publications, Funding Projects and to utilize mutually research facilities available and to use laboratory/instrumentation / Library. 7. To facilitate sharing of 	<p>Industrial visit:</p> <p>2022-2023, 2023-2024.</p>	
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				Expertise available at both ends for mutual benefits in the field of technical education, training, scientific and industrial research.		
10.	Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and TNB Analytical laboratory (p) ltd, Tiruchirappalli, Tamilnadu-620018.	Biochemistry	03.10.2023 To 03.10.2028	<ol style="list-style-type: none"> 1. To provide/share facilities for Internship, Industrial visit for the students. 2. To provide/share facilities for Project Training and Project Work for the students. 3. To organize Career Guidance Programme, Skill Development Programme, Guest Lecture, Seminar, Conference, Workshop for the students and Faculty Development Programme for the faculty members. 4. To facilitate the placement assistance for under graduate and post graduate students. 5. To provide the platform to undergo training on Entrepreneurship so as to make them good entrepreneurs. 6. To initiate and to carry on Collaborative research projects, joint paper 	-	

				<p>publications, Funding Projects and to utilize mutually research facilities available and to use laboratory/instrumentation / Library.</p> <p>7.To facilitate sharing of expertise available at both ends for mutual benefits in the field of technical education, training, scientific and industrial Research.</p>		
11	<p>Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi. and Aarthi Nursing Home, Mannargudi</p>	Biochemistry	<p>22.10.2024 to 22.10.2029</p>	<ol style="list-style-type: none"> 1. To develop clinical, technical, and soft skills necessary for professional growth. 2. To help students become competent and confident healthcare professionals. 3. To support skill development through supervised clinical practice. 4. To bridge the gap between theoretical knowledge and practical application. 	-	