



# THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)

(Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)

(Accredited by NAAC (3<sup>rd</sup> Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)

DST-FIST Sponsored College under 'College as a whole' Scheme.

Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259674, Website:- www.tacw.in | Email:- info@tacw.in



## 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words.

### Enhancing Education through Experiential Learning and Participatory Learning

#### Introduction:

The institutional distinctiveness of Theivanai Ammal College for Women resonates deeply with its vision and mission centered on academic excellence and women empowerment. By empowering women through experiential learning, participatory learning, leadership opportunities, and inclusive policies, the institution cultivates a community of empowered individuals poised to make significant contributions to the society over its 35 years of service in Villupuram district. This alignment ensures that every student not only achieves academic success but also emerges as a confident and capable leader in their chosen field.

#### 1. Experiential Learning

As an autonomous institution, Theivanai Ammal College integrates experiential learning into its curriculum through projects, internships, field visits, practical's, case studies, and service learning, enriching its reputation for innovative and effective teaching practices. Learning through practical application proves to be the most effective method of education. Therefore, each department actively engages students in experiential learning processes tailored to achieve specific program outcomes. Mandatory research projects, internships, and industrial visits enhance motivation and deepen learning outcomes in their respective disciplines.

Experiential learning bridges the gap between theory and practice, allowing students to apply classroom-acquired theoretical knowledge to real-world contexts. Students develop critical thinking, problem-solving, communication, teamwork, and leadership skills through hands-on experiences and collaborative projects. The college recognizes the importance of preparing students for the workforce.

##### *a. Research Projects*

Mandatory final year UG and PG research projects prepare students for future careers or higher academic pursuits. Students are encouraged to undertake discipline-specific, interdisciplinary, and multidisciplinary projects such as "Nutritional and Antiulcer Activity



# THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)

(Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)

(Accredited by NAAC (3<sup>rd</sup> Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)

DST-FIST Sponsored College under 'College as a whole' Scheme.

Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259674, Website:- [www.tacw.in](http://www.tacw.in) | Email:- [info@tacw.in](mailto:info@tacw.in)



on Fermented Rice Water and Yogurt," "Phytochemical screening, Antioxidant and Antibacterial activity of Osmium Sanctum," "Growth and mechanical characterisation of 2-Mercaptobenzothiozole" and "Lung cancer prediction using machine learning," among others. Upon project completion, assessment is conducted through Power Point presentations and viva by external experts. During the assessment period, 2655 research projects were successfully completed and around 350 research articles were published. This exposure has enhanced PG students, enabling them to submit TNSCST PG student project proposals and receive grants of Rs 1, 87,500 for 14 projects over last five years.

## ***b. Internships***

The college bridges theory and practice through mandatory internship and global immersion programs under extra credit earning provisions. Students were encouraged to complete internships irrespective of the semester with industry, institute, banking sectors, hospitals, research institutes or organization collaborations for a minimum of 30 hours nationally and 14 days internationally. After completion, assessment occurs through PowerPoint presentations and viva with external experts. Internship credits are included in transcripts. During the assessment period, 3810 students benefited from internships, and eleven students participated in the global immersion program at AIMST University, Malaysia.

## ***c. Industrial Visits***

Industrial/field visits are planned according to core area needs in consultation with board of studies experts. Each academic semester permits students to visit industries, companies, or research institutes such as Pondicherry Institute of Agricultural Science, Aathma Hospital, Tiruchirappalli, Economics Times, Chennai, National Institute of Food Technology, Entrepreneurship and Management, Thanjavur, CLRI, Chennai, ICAR-PKKVK, etc.,. Following visits, students submit field visit reports. During the accreditation period, 5648 students visited nearly 75 industries / companies / research institutes.

## ***d. PG Service Learning***

The college integrates academic knowledge with social interaction through PG service learning. Departments such as Biochemistry, Chemistry, Physics, and Commerce adopts village, engage students in real-world applications like mushroom cultivation, vermicomposting, energy audits, and banking practices, contributing to societal needs and enhancing students' professional skills. 667 students were benefitted through this provision.



# THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)

(Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)

(Accredited by NAAC (3<sup>rd</sup> Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)

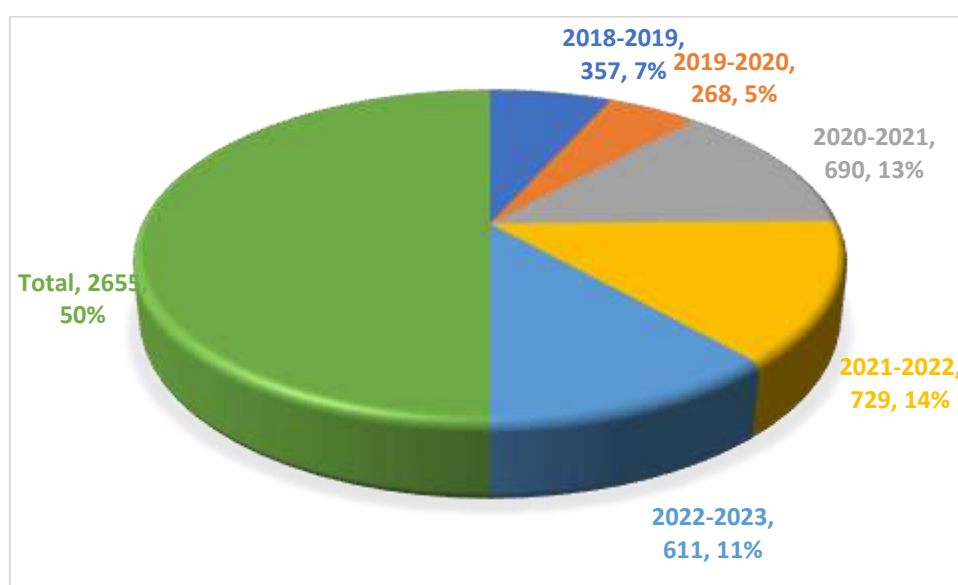
DST-FIST Sponsored College under 'College as a whole' Scheme.

Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259674, Website:- www.tacw.in | Email:- info@tacw.in



## Evidence of Success:

Academic Year	Project	Internship	Industrial Visit	PG Service Learning
2018-2019	357	348	1255	114
2019-2020	268	524	993	167
2020-2021	690	202	687	154
2021-2022	729	1198	1405	123
2022-2023	611	1538	1308	109
<b>Total</b>	<b>2655</b>	<b>3810</b>	<b>5648</b>	<b>667</b>



## 2. Participatory Learning

The college encourages participatory learning by providing opportunities for students to analyse, explore, evaluate, synthesize, criticize, and relate various concepts through online courses, self-study courses, oral presentations, and poster preparations. By embracing participatory learning, the college ensures that our graduates are not only academically proficient but also equipped with the skills and confidence to thrive in a rapidly changing world. Some of the key areas where the college has demonstrated the success of participatory learning include....

### a. Online Courses

Hosting NPTEL and Spoken Tutorial courses, the college offers certification opportunities through its NPTEL local chapter and as a Nodal Resource Centre for the Spoken Tutorial Project. Each student completes one compulsory online course during their study irrespective



# THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)

(Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)

(Accredited by NAAC (3<sup>rd</sup> Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)

DST-FIST Sponsored College under 'College as a whole' Scheme.

Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259674, Website:- www.tacw.in | Email:- info@tacw.in



of the discipline, earning extra credits. Since most of the students from the rural background, weekly two hours exclusively allotted within the time table. 3906 students were successfully completed during the accreditation period with 214 Elite, 38 Silver and 6 Gold Certificates.

## *b. Self-Study Courses*

Students engaged in independent learning under mentorship through self-study courses like current trend courses, skill enhancement courses exploring personal interests and earning additional academic credits. Students were encouraged to register for self-study paper in the beginning of every semester along with regular courses, Comprehensive test along with the components are considered as assessment. 352 students of Chemistry, Biochemistry, Mathematics, Computer Applications and Computer Science enrolled in self-study courses, successfully completed and earned extra credit during the accreditation period.

## *c. Student-Centric Components*

Participatory learning is further encouraged through continuous internal assessment components. According to the nature of the course, component is given such as case studies, open-book quizzes, problem-solving, model preparation, poster presentations, product preparation, term papers, album making etc. Based on the performance assessment scores is awarded and incorporated within continuous internal assessment. This gives self-confidence and independent learning exposure.

Students also actively participated and presented papers / posters in seminars, conferences, workshops, and symposiums, fostering critical thinking, problem-solving, and the application of knowledge. 3520 students have participated in conferences and published papers during the assessment period.

## **Evidence of Success:**

<b>Academic Year</b>	<b>Online Courses</b>	<b>Self-Study Courses</b>	<b>Seminar/ Conference Participation</b>	<b>Student Centric Components</b>
2018-2019	333	19	892	2550
2019-2020	689	32	800	2503
2020-2021	1166	130	737	2378
2021-2022	475	171	595	1986
2022-2023	1243	-	496	1656
<b>Total</b>	<b>3906</b>	<b>352</b>	<b>3520</b>	<b>11073</b>



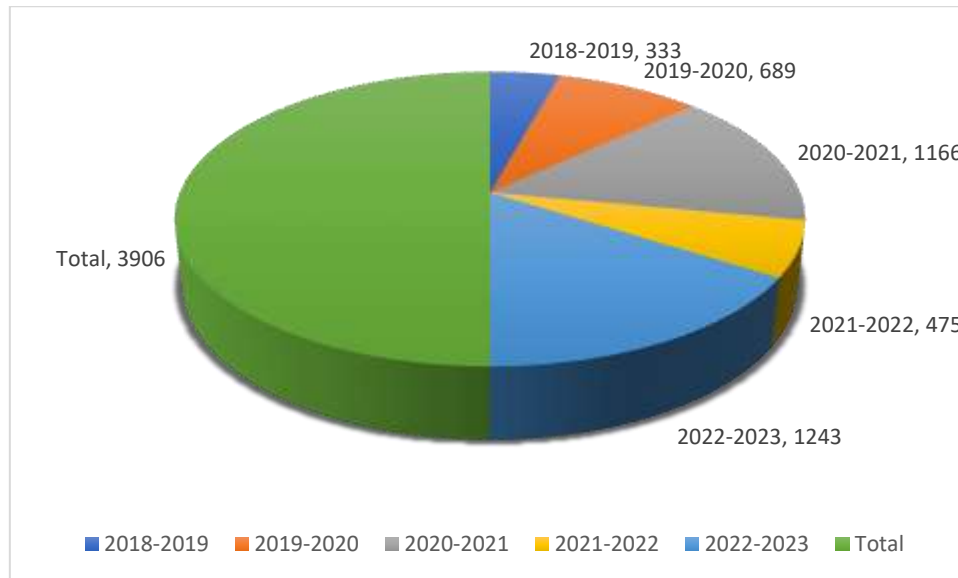
# THEIVANAI AMMAL COLLEGE FOR WOMEN (Autonomous)

(Affiliated to the Annamalai University, Chidambaram - Tamil Nadu)

(Accredited by NAAC (3<sup>rd</sup> Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)

DST-FIST Sponsored College under 'College as a whole' Scheme.

Villupuram - Tamil Nadu, Pincode:- 605401, Phone:- 04146 - 259674, Website:- [www.tacw.in](http://www.tacw.in) | Email:- [info@tacw.in](mailto:info@tacw.in)



## Conclusion:

Through the implementation of Experiential and Participatory learning, students gained self-confidence, leadership skills, communication skills, computer literacy, aptitude skills which the young women students to face the society with courage and competent in the current scenario and attain better placement. Over the past five years, 2364 students have been successfully placed, and 1236 have pursued higher education, fulfilling the college's vision, mission, and graduate attributes.