



ST. TERESA'S COLLEGE (AUTONOMOUS)
Affiliated to Mahatma Gandhi University, Kottayam



IIC Annual Report 2021-22

A. About IIC Institute

St. Teresa's College (Autonomous), Ernakulam, Kerala envisions a life-oriented education that empowers women through a humanizing and liberative process, to be agents of transformation and development at different levels of life. This year marks the 97th academic year of the college. The college was reaccredited by NAAC with A++ in the fourth cycle and was ranked 37th in the National Institutional Ranking Framework in 2022. The College has instituted Institution's Innovation Council (IIC) as per the directions of the Ministry of Human Resource Development (MHRD), Govt. of India. Its Vision and Mission are discussed below.

Vision:

Teresian IIC aims to systematically foster the culture of Innovation and Entrepreneurship amongst the students. The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to conceive business ideas and equip them to transform them into practical reality and thereby contributing to the nation's growth and development.

Mission:

- To create a vibrant local Innovation and Start-up ecosystem in the institute and prepare the institute for Atal Ranking of Institutions on Innovation Achievements Framework.
- To establish functional ecosystem for scouting and pre-incubation of ideas.

Journey of IIC established at the Institute:

IIC was instituted in the College during the academic year 2018-19 immediately on receiving the instructions from MHRD to start up IIC in the higher education institutes. The college has rich tradition of entrepreneurship and innovation which started off with the activities of the foundress since the inception of the college.

Our foundress Mother Teresa of St. Rose of Lima planted the seeds of entrepreneurship since the beginning of our institution. In 1982 we started our Annual Christmas sale to promote Alumni's entrepreneurial activities. In 2005 we established our Teresian Entrepreneurship Development Club. In 2016 Society of Teresians for Environment Protection which aims at rooting social entrepreneurship was established. In 2018 we established the Teresian IEDC and Teresian Innovation Business Incubation Centre (TIBIC).

IIC was strengthened by nominating faculty members, industry representatives and students to the IIC council in the academic year 2019-20. Since its inception Teresian IIC marked its presence in the college and conducted the activities prescribed as per the IIC calendar and ventured to do many self-driven activities. In the year 2020-21 faculty representatives were added from all the departments of the college. The various departments took the initiative to conduct I and E activities based on the nature of the department and the need of the students. There was overwhelming response from the part of the students to join IIC due to the outstanding innovation and entrepreneurship activities organised in the institution. The departments of the college were encouraged to take up innovation and entrepreneurship activities with the support of the faculty members, students and alumni.

We also introduced a performance card for students to track their activities and mark their achievements in order to boost up the spirit of engagement in the activities conducted by IIC. The introduction of performance cards helped us in increasing the participation of students in engaging in sessions, webinars, hackathons etc.

IIC conducts Seminars, Workshops, Quizzes, Panel discussions, Webinars, Motivational talks, student exhibitions and competitions to nurture entrepreneurial skills in students. The Council has 600 plus student enrolments which vouches its acceptance among girls. We also have nine faculty innovation ambassadors who have done the advanced training, 10 faculty innovation ambassadors who have done the basic training.

IIC has now several sub teams like Report uploading team, Promotion team, Student support team etc.

Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

IIC has the diversified representation of the following persons.

- 1) Ms. Lakshmi Menon of Chekkutty fame
(Founder of Pure living, designer and a social entrepreneur)
- 2) Mr. Sudheer Mohan, Practice Head, Wipro Ventures
- 3) Ms. Anu Jose Palathingal (Founder of Casaro Creamery)

Apart from this the institution has linkages with the following organisations.

- 1) Kerala Startup Mission
- 2) Inter University Centre for Intellectual Property Rights, CUSAT
- 3) KSIDC (Kerala State Industrial Development Corporation)
- 4) TiE Kerala
- 5) Varma and Varma Chartered Accountants

St. Teresa's College (Autonomous) is offering Courses from Under Graduation to Doctoral level. This renowned institution has multiple conventional degree courses in various streams. At the under graduate level, college offers ten courses each in the Arts as well as Science stream. Arts stream offers degree main in Bharatanatyam, Communicative English, English Literature, Economics, French, Hindi, History, Malayalam, Sociology and Physical Education. Under Science stream the College has courses in Botany, Chemistry, Clinical Nutrition and Dietetics, Computer Applications, Fashion Designing, Home Science, Maths and Statistics, Physics, Psychology, and Zoology.

Apart from the above-mentioned courses, the College also offers Commerce, Management Studies and Vocational Courses like Food Processing Technology and Software Development. The College is also a Centre for Research and Development.

KERALA INNOVATION WEEK 2022

Our College was the only educational institution to partner with Kerala Startup Mission for their Innovation week 2022. We had four Teresian Innovation Ambassadors at Kerala Innovation Week .We helped them in coordinating the event and also handled the cultural sessions. We did conduct a series of competitions based on innovation and entrepreneurship for the public . Our student ambassadors helped Kerala Startup Mission in coordinating the overall events.

IIC REGIONAL MEET

Our college was also invited to take part in the the regional meet. We had an opportunity to showcase our institutions innovation and entrepreneurship ecosystem preparedness, models/best practices, contributions.

We were able to learn the best practices from those presentations of the other colleges and were able to get useful information on how to improve or develop IIC at our institution. We were able to have an informative interaction with other IIC institutions and gain new knowledge.

The College has IIC Student representatives and Faculty members from each of these departments. Together they function for the realization of IIC mottos and goals.

B. Key Functionaries at the IIC Institute

Head of the Institute- Dr. Lizzy Mathew, Principal

1. **President-** Dr. Jency Treesa, Assistant Professor, Dept. of Commerce
2. **Convenor-** Dr. Ursala Paul, Assistant Professor, Dept. of Mathematics
3. **Innovation Activity Coordinator-** Dr. Anu Raj, Dept of Management Studies.
4. **IPR Activity Coordinator-** Smt. Minu Pius, Assistant Professor, Dept. of Physics
5. **Social Media Coordinator-** Smt. Mary Andrews, Assistant Professor, Dept. of Computer Applications
6. **Internship Coordinator-** Smt. Jini Justin D'Costa, Assistant Professor, Dept. of Home Science
7. **Start-up Activity Coordinator-** Dr. Megha Mary Michael, Assistant Professor, Dept. of English
8. **ARIIA Coordinator-** Dr. Elizabeth Reshma M.T, Assistant Professor, Dept. of Mathematics
9. **NIRF Coordinator-** Dr. Kala M.S., Associate Professor, Dept. of Physics

10. External Members-

- a) Mr. Sudheer Mohan, Wipro Ventures, Industry Expert
- b) Ms. Lakshmi N Menon, Social Entrepreneur, Incubation Centre Expert
- c) Ms. Anu Joseph Palathingal, Casaro Creamery, Start-up Entrepreneur

11. Student Core Team

- 1) Liz Romaine L 2) Drishya K 3) Anakha Baburaj 4) Nandini N Menon 5) Richa Ann John. 6) Serin Rozario
- 7) Carmel Heina Pinherio 8) Gawri Sachidanandan 9) Anula Menon

12. Faculty and Student Coordinators of various departments-

Sl: No:	Department	Faculty Coordinator	Student Coordinator
1	Communicative English	Ms. Allu Alfred	Ms. Aleena Antony
2	Commerce-Regular	Dr. Neena George	Ms. Liz Romaine L
3	Commerce-Self Financing	Ms. Sneha Abraham	Ms Anjalvinod

4	History	Ms. Rosemol Xavier	Ms. Susan Newin
5	Clinical Nutrition	Dr.Samja Sabu	Ms. Thasneem Abdul Latheef
6	French	Ms. Alanna Nicholas	Ms. Azna Fathima
7	Computer Application	Ms. Mary Andrews	Ms. Fathima Shaza
8	Psychology	Ms. Jisha Sekhar	Ms. Faith Rachel Eapen
9	Sociology	Ms. Dora Dominic	Ms. Dana Augustine
10	Zoology	Dr.Helvin Vincent	Ms. Anna Silfa Sebastian
11	Physics	Ms. Minu Pius	Ms. Nandini N Menon
12	Food Processing	Ms. Sherin Mary Simon	Ms. Alina Sara John
13	Management Studies	Ms. Geethu Krishna P.G.	Ms. Anakha Baburaj
14	Mathematics and Statistics	Ms. Marie Serene D' cruz	Ms. Rose Anna Dennis
15	Economics	Dr. Mary Liya C.A.	Ms. Ann Sara Anoop
16	Botany	Dr. Arya P. Mohan	Ms. Siyan Maria Shaji
17	Fashion Designing	Ms. Bessy Roy	Ms. Anargha AT
18	Literature English	Ms. Niveda Sebastian	Ms. Kripa Joemon
19	Chemistry	Ms. Priya K	Ms. Munazza Mehak P M
20	Bharatanatyam	Ms. Arunima J.R.	Ms. Anjana V P
21	Home Science	Dr. Shilpa Jose	Ms. Juliya Varghese

C. Resource Strength of the IIC Institute

I	Total No. of IIC Members	Faculty Members -29 Student Members- 604 External Members -3
II	Total No. of Innovation Ambassadors	Advanced Level Training Completed Dr. Elizabeth Reshma M.T Dr.JencyTreesa Dr.Ursala Paul Smt. Sherin Mary Simon Smt. Mary Andrews Smt. Minu Pius Dr.Leena Leon Dr Nisha Vikraman SmtNimmy Jacob Foundation Level Training Completed Ms. Priya K Niveda Sebastian Jisha Sekhar Dr.Helvin Vincent Jini Justin D'Costa Sneha Abraham Megha Mary Michael Dr. Anu Raj Geethu Krishna P.G
III	Incubation Units	Details
1	TIBIC	It is funded by Kerala State Industrial Development Corporation act as a strong fold in building innovation and early-stage enterprises by supporting and enabling access to resources and facilities at the institute.
IV	IP Facilitation Centre	Tie up with IUCIPR, CUSAT, Kochi

D. Highlight facilities, infrastructure of Pre- Incubation and Incubation kind and student bodies/ clubs engaged in promotion of Innovation and Entrepreneurship

TIBIC(Teresian Innovation and Business Centre)funded by Kerala State Industrial Development Corporation act as a strong fold in building innovation and early-stage enterprises by supporting and enabling access to resources and facilities at the institute.

Society of Teresian for Environment Protection(STEP) provides training the trainers, enterprise support and business referral services. The other incubation units in the institution,**Fashion Clinic, I CONNECT, Teresian Travel**

Desk and Content Tribes support and implement the ideas into innovation during development stages. Dedicated facilities are another highlight of the institution which includes

Maker's space such as Food Lab, Textile Lab, Mushroom Cultivation Unit, LED Bulb Assembling Space and Computer Application Lab.

Design centres in Dept. of Software Development, Dept. of Fashion Technology and Dept. of Food Processing Technology, B- Plan Studio

Work stations by Travel and Tourism, Dept. of Food Science and Nutrition, Dept. of Resource Management and Interior Designing and Dept. of Cloud Computing and Information Security Management.

Ideation room, Conference room and training centres supplement the cause of building up awareness and orientation among student community.

Clubs and cells play a vital role in developing In-House competency, serving potential interventions and mentoring services in early stages of entrepreneurship/ innovation. It also strengthens the intra and inter institutional linkages boosting up the business and marketing strategies and central access to resources. Clubs and Cells dedicated to different aspect of ideation, innovation and start up are

Innovation Club- Innovation and Entrepreneurship Development Cell IEDC, Institutions Innovation Council (IIC), Patent Cell, Teresian International

Idea Club- Entrepreneurship Development Club (ED Club), Evergreen Tourism Club, Planning Forum,

Start Up Cell- RED cell

E. Highlight Achievements

Number and Different types of I&E and IPR activities Conducted

Sl. No	Name of the event	Date	No. of participants	Program Theme: IPR/Innovation/Entrepreneurship	Amount spent
1	Workshop on "Entrepreneurship and innovation as a career opportunity"	24/11/2021	100	Inspiration, Motivation and Ideation	Nil
2	My Story - Motivational Session by Successful Innovators	16/08/2021	69	Inspiration, Motivation and Ideation	Nil
3	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	30/11/2021	158	Inspiration, motivation, and Ideation	5500
4	Session on Problem Solving and Ideation Workshop	09/03/2022	68	Inspiration, motivation, and Ideation	2000
5	Exposure and field visit for problem identification	20/11/2021	19	Inspiration, motivation, and Ideation	Nil
6					
7	Developing Online Repository of Ideas Developed and Wayforward plan	28/11/2021	33	Inspiration, motivation, and Ideation	Nil
8	Workshop on Design Thinking, Critical thinking, and Innovation Design	02/12/2021	17	Validation and concept development	Nil
9	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"	28/02/2022	35	Validation and concept development	100
10	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	02/03/2022	30	Validation and concept development	Nil
11	Session on Achieving Problem-Solution Fit & Product-Market Fit	28/02/2022	151	Validation and concept development	3000
12	Session/ Workshop on Business Model Canvas (BMC)	19/04/2022	37	Validation and Innovation & Business Model development	Nil
13	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre	17/05/2022	41	Validation and Innovation & Business Model development	11500
14	Session on "How to plan for Start-up and legal & Ethical Steps"	24/07/2022	163	Validation and Innovation & Business Model development	Nil

15	Workshop on Intellectual Property Rights (IPRs) and IP management for start-up	18/05/2022	60	Validation and Innovation & Business Model development	2000
16	DemoDay/Exhibition/Poster Presentation of Business Plan/Prototype developed & linkage with Innovation Ambassadors for mentorship support	26/04/2022	38	Validation and Innovation & Business Model development	1000
17	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs	30/07/2022	62	Validation and Start-up Development	1500
18	Boom Route: We got you covered by AshikaTinu (Student B.Sc Computer Applications) Triple Main	27/11/2021	74	Inspiration Motivation and Ideation	Nil
19	EARN MONEY THROUGH ART FORMS Session 1: Kalamkari Painting	22/07/2021	50	Inspiration Motivation and Ideation	Nil
20	Green Entrepreneur- Profit from your passion	06/11/2021	223	Inspiration Motivation and Ideation	2000
21	Prototype of quail farming	26/11/2021	55	Inspiration Motivation and Ideation	500
22	Online Quiz Competition	25/11/2021	164	Inspiration Motivation and Ideation	Nil
23	Developing Entrepreneurs as Energy Auditors	01/09/2021	68	Inspiration Motivation and Ideation	500
24	Interaction with Alumni who are innovators/entrepreneurs and their case studies	19/11/2021	53	Inspiration Motivation and Ideation	500
25	Intra-department concept development competition	25/02/2022	29	Validation and concept development	500
26	Two-day cake making Workshop to initiate profitable startups	06/12/2021	27	Validation and concept development	11111
27	Webinar on Brand Building- strategy; a tool for bolstering entrepreneurship'	25/02/2022	65	Validation and concept development	Nil
28	The smart wrap - A Guide to an Eco Friendly Entrepreneurial Journey	21/12/2021	22	Validation and concept development	1700
29	Edible Entreat by PG Students	20/05/2022	13	Validation and Innovation & Business Model development	1500
30	Innovative Sustainable Fashion Design Project	25/05/2022	24	Validation and Innovation & Business Model development	12900
31	Seminar on Nuances at the intersection of Design and Sustainability	12/04/2021	40	Validation and Innovation & Business Model development	Nil
32	Project on Innovative ideas	17/04/2022	9	Validation and Innovation & Business Model development	Nil
33	A session with an eminent Dance Guru to discuss the start-up issues, the difficulties, and how to succeed those difficulties to become a successful performer and a teacher	30/04/2022	33	Validation and Innovation & Business Model development	Nil
34	Intra-department B-Plan competition	06/07/2022	41	Validation and start-up development	Nil
35	Azadi ka amritmahotsav- e-symposium on building innovation and entrepreneurial ecosystem in educational institutions that comes under institution's innovation council (iic)	11/01/2022	32	Validation and concept development	Nil
36	Azadi Ka Amrit Mahotsav – Innovation week celebration	12/01/2022	6782	e-Symposium on building innovation and entrepreneurial ecosystem in educational institutions	

37	Inauguration of e- Symposium on Building and Entrepreneurial Ecosystem in Educational Institutions	11/01/2022	35	Validation and Concept Development	Nil
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No. of student's & faculty ideas generated

- Hydroponic cultivation of vegetables
- Mosquito repellent from Lantana plant
- Production of fertilizer containing Jiffy bags
- Castor oil for wound healing and hair mask
- Algae as a potential cosmetics
- Bioplastic production from *Spirulina platensis* Gomont, *Manihot esculenta* Crantz and *Manihot esculenta* Crantz with addition of *Spirulina platensis* Gomont.
- Phytochemical screening of selected medicinal plants for developing bactericidal agents to control common fish pathogenic bacteria.
- Study on selected mangrove plants with potential inhibitory activity against bacterial pathogens of aquarium fishes
- Pharmacognostic and phytochemical evaluation of *Artemisia vulgaris* Linn. with emphasis on its anticancerous potential.
- Study on the pharmacognostic and phytochemical properties and anticancerous potential of *Simarouba glauca* DC.
- A study on the pharmacognostic and phytochemical properties of *Lantana camara* L. and *Wedelia trilobata* (L.) Pruski and their antibacterial potential against fish pathogenic bacteria.
- Characterization of epicuticular wax from *Colocasia esculenta* L. and *Alocasia indica* Schott and its application for development of hydrophobic paper
- ZnO nanoflower/rGO nanofluid with Enhanced thermal diffusivity as thermal coolant
- nano metal ferrites, MFe_2O_4 ($M = Ni, Zn, Cu$) for removal of Cr (VI) ions from aqueous solution
- Magnetically Retrievable zinc ferrite nanoparticles for photodegradation of methylene blue
- ZnO nanostructures as scatterers in rhodamine 6G with Amplified spontaneous emission
- Utility of Fe_2O_3 -Au nanocomposite in photodynamic therapy
- Grow Nature- Small water power plant using Neodymium magnets
- Collado: Together we learn , A peer learning App
- I'm PERFECT: Identifying the Dyslexia, Dyscalculia, Dysgraphia, Dyspraxia, Autism or ADHS in school going Children
- Wheel Chair for COPD patients
- Quick Bill - An app to reduce the hustle in the billing area of supermarkets
- ELECTRO- An app to manage e-waste. The app connects you to those needed if the e-waste is reusable. And if its not reusable it connects you to recyclers.
- NAUKARWALA- A full online recruitment app to recruit maids, cooks, nurses, nanny, care givers etc.
- SENIOR SKILLZ- A simple software platform that creates an online community for the senior citizens who are skilled in some activities. They include small training programmes and workshops for the senior citizens.
- FUNFUNDS- It helps the younger generation to get an idea on financial management. It has different modules for various groups on finance in a creative and interactive way.
- ZEUS- A telecom service that helps to connect people in rural and hilly regions using strong signals.
- An automatic bin capable of waste segregation that is capable of detecting and segregating waste materials.
- Online registration and processing of dairy farmers producing milk and other livestock products.
- An automated irrigation system refers to the operation of the system with no or just a minimum of manual intervention besides surveillance.
- Development of Low-cost Hearing Aids for senior Citizens with Financial Difficulties

- Upcycling plastic refills and blister packs through bookmarks and jewellery

And we also have 25 ideas generated under the YOUNG INNOVATORS PROGRAMME.

3. No. of student's & faculty Innovation/prototypes developed:

- Our Student Abhirami's creation of cards developed for children with sensory issues. A mache is developed using banana stem fiber and maida, which serve as the sensory cards' molding material
- Wellness Craft Bakery envisages the blending of nutritional and food value information in the preparation of baked products for convenience and health. One such product is the Purple Yam Bread.
- The Department of Botany participated in the Idea Fest organized by Kerala Startup Mission and received a grant worth 40k for their prototype on Lantana plant as a mosquito repellent.
- The Department of Botany participated in the Idea Fest organized by Kerala Startup Mission and received a grant worth 1 lakh for their prototype on Hydroponics Cultivation of Vegetables.
- Our Student Ansu Tom from M.Sc Home Science participated in the Rural Innovators Meet by the Kerala State Innovators Meet and demonstrated the Mixicle-A multi-functional gadget for drudgery alleviation.
- The department of Home Science formulated the recipe for seaweed biscuit and mangokernel cake.

4. No. of Student & Faculty Start-upsestablished.

- ❖ Bhume Women's Collective

Other Ventures of the institute

- ❖ InME- Teresian Math@Online
- ❖ Diet Clinic
- ❖ Business Plan Studio
- ❖ Tax Consultancy Cell
- ❖ I CONNECT
- ❖ Teresian Travel Desk
- ❖ Content tribe
- ❖ Sustainable Fashion Clinic
- ❖ STEP
- ❖ Wellness Craft Bakery
- ❖ Interior and exterior space designing

5. Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus – Rs. 1,45,050/-

6. Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR

- ❖ Rs.3.5 lakhs to **Bhume Women's** collective from the Green Innovation Fund of UNDP in collaboration with KSUM
- ❖ Rs.4.5 lakhs to **Bhume Women's** collective from Nidhi Prayas Grant
- ❖ Rs.8.36 lakhs to **Bhume Women's** collective from the CSR funds of Federal Bank
- ❖ Rs. 7 lakhs to **STEP**- a society that produces Eco friendly products-a social entrepreneurship unit and training centre in campus.
- ❖ Rs.1 lakh to the department of Botany for their prototype on Hydroponics Cultivation of vegetables by KSUM
- ❖ Rs.40,000 to the department of Botany for their prototype on Lantana plant as a mosquito repellent by KSUM

7. No. of Technology Transfer and Commercialisation happened

- ❖ **Bhumi Women's** collective-Kalipattom

The commercialisation of Kalipattom, good quality soft toys which uses discarded tailoring excess as stuffing while rendering educational value and safe entertainment for children aged 0-6 at affordable prices. This is an initiative to reduce tailoring waste and thereby promoting the concept upcycling.

F. Highlight the best IIC faculty/ student members and their achievements/ Rewarded for the innovation at different forum.

- ❖ **Carmel HeinaPinherio, Liz Romaine, Aparna N ,V.JanaRethika**were selected as the Teresian Innovation Ambassadors at Kerala Innovation Week 2022 by Kerala Innovation Week 2022 by K

- ❖ **Ms. Christeena Abraham, was selected as the Student Entrepreneurship Leading the Network Entrepreneurs and Student Team (IEDC State Leads)**

G. Highlight best Innovations of the Institute

- ❖ The creation of safe soft toys for Anganwadi children from shredded waste materials. This idea helps in utilising waste materials for a noble cause and also helps to generate eco-friendly toys for kindergarten kids without creating any health issues.
- ❖ The project ‘Fashion Clinic’ (under TIBIC) in association with Haritha Keralam Mission, Govt of Kerala is a small step towards sustainability striving to bring awareness to the public how a garment or a fabric considered as not wearable can be changed into an attractive garment or product which can have a new life again as nature can heal itself. It is an attempt to reduce solid waste and join hands to save our environment.
- ❖ Our Student Ansu Tom from M.Sc Home Science demonstrated the Mixicle-A multi-functional gadget for drudgery alleviation.
- ❖ The department of Home Science formulated the recipe for seaweed biscuit and mango kernel cake.

H. Highlight selected Start-ups established by students/faculties with mention of founder/cofounder name

Bhume Women's Collective comprises a group of 12 like-minded women who have come together to try and tackle the problem of excessive solid waste in Ernakulam and Idukki Districts. Our initiative up-cycles tailoring waste into educational toys with the help of underprivileged women under SHGs and intends to sell these products to anganwadis in our home district of Ernakulam, Kerala. These products have been designed under the guidance of Child Development and Fashion Technology experts at St. Teresa’s College, Kochi. Our initiative also received a grant from the United Nations Development Programme and the Kerala Startup Mission to expand this initiative to the district of Idukki, Kerala.

This start-up aims to work towards the 3 objectives mentioned below through this initiative;

- Education: Improve quality of educational toys available at Anganwadis (SDG 4)
- Livelihood: Creation of livelihood opportunities for unemployed women (SDG 5)
- Environment: Create products that cause minimal environmental disruption & tackle tailoring waste management problem (SDG 12 & 15)

Founder: Dr. Nirmala Padmanabhan

Co-Founder- Isabelle Thomas

Directors: Usha Ramesh, Isabelle Thomas, Bernadette Mohandas

Pvt.Lmt Company: BHUME WOMEN'S COLLECTIVE PRIVATE LIMITED

CIN - U37100KL2021PTC069445

PAN: AAJCB9I65F

TAN: CHNB03969A

Sl. No	Start-ups/Ventures in Progress	Details
1	Teresian Fashion Brand	An initiative of the dept. of Fashion Technology
2	Wellness Craft bakery	An initiative of Home science and Food Processing Technology depts.

I. List if any break through innovations developed at the institute

- ❖ **Soft Toy Making Project**

Our product is a soft toy that uses discarded textile excess as stuffing and it promises both educational value and safe entertainment for children aged 0-6 at affordable prices. Thanks to collaborations in sourcing (with Haritha Kerala Mission), production (with Kudumbasree), and distribution (with Anganwadis) along with the mentorship of Child development and Fashion Technology experts. Our products not only offer savings and peace of mind to parents but also provide credibility, education and entertainment to children. This project is approved by KSUM (Kerala Startup Mission) with a grant amount of rupees 7 lakhs. STEP, Society for Teresian Environment Friendly Products is a society which produce eco-friendly products made of clothes like Strawberry bags, Ball bag, Zipper bag, Lunch bag, Vegetables bag, College bag, Mask etc. The unit, which is part of the college’s social entrepreneurship wing has evolved and diversified over the past six years. Prime Minister Shri. Narendra Modi recently congratulated the initiative in his **Mann Ki Baat** programme.



Formulation of the recipe for SEAWEED BISCUIT and MANGO KERNEL CAKE



MIXICLE – A multi functional gadget for drudgery alleviation



BANANA SENSORY CARDS – Developed using banana fibres to help children with sensory issues.

J. Participation of IIC-institute

❖ NISP adoption status -Trained faculty- Policy Formulation -Policy Implementation:

NISP is adopted in the college. Teresian Innovation and start up policy is formulated and uploaded in the NISP portal and in the College Website. The following is the link of the Teresian Innovation and start up policy. <https://teresas.ac.in/innovation-and-entrepreneurship/>. The Faculty Co-ordinator of NISP – Dr JencyTresa, Assistant Professor in Commerce, attended the Training sessions for NISP Co-ordinators. NISP expert committee was formulated as per the instructions given by the Ministry of Education. The College identified persons having expertise and experience in the domain of innovation, IPR and start-up and established the committee to start the work of policy formulation for the college. All the tasks related with policy formulation and policy implementation was completed by the college and the necessary documents were uploaded in the portal.

❖ ARIIA- Participation and rank:



K. Details of Social-Media and IIC connections

1. Instagram

The Instagram handle has around 526 followers and it aims at motivating budding entrepreneurs by featuring the activities conducted by the IIC of our college. It spreads awareness about competitions, talks and core team discussions that take place in the college. The account follows eminent personalities like Narendra Modi (Prime Minister of India), Droupadi Murmu (President of India), Dr. Abhay Jere (Chief Innovation Officer, Ministry of Education, Govt of India) and Dr. Ramesh Pokhriyal Nishank (Former Union Cabinet Minister for Education, Government of India | Former Chief Minister of Uttarakhand). It is followed by Andhra University IIC, as well as by small businesses and craft entrepreneurs.

In the month July 1 - July 31*:-

- About 1000 accounts were reached and around 200 accounts were being engaged with.
- The audience was mainly from Kochi (75%), followed with Alwaye (3.6%), Muvattupula (1.6%) and Arukutti (1.3%).
- The countries where it gained reached were India (99%), followed by Qatar (0.3%), United Arab Emirates (0.3%) and Bahrain (0.3%).
- The main age group which it reached was 18-24 years (86.8), which is exactly the aim of IIC. It also reached audience in the age groups of 25-34 years (7.2%), 35-44 years (2.6%) and 45-54 (2.3%).
- It reached 94.7% women and 5.2% men.
- Overall, there has been a growth, compared to the previous month, with more follows and less unfollows.
- The reel of our IIC Food Fest reached a milestone of 10,000 views on Instagram.

*The information gathered is as per Insta's insights for the account.

Instagram Link: https://www.instagram.com/stc_iic/

2. Youtube

The Youtube channel envisions the various activities performed by different departments in the college pertaining to the IIC cell. It has 91 subscribers and 66 videos posted. The views have increased. In a month*:-

- The views have increased from 30 views to 127 views.
- The watch time has also increased by 245%.
- The impressions have increased to 3077 and the click through rate has reached a 2.6 %
- Majority of the traffic source is due to YouTube search (40.2%) and Browse features (21.3%)
- It has good reach to non-subscribers as well (almost 3 times)
- Most people access the videos through their mobile phone (82.7%), as compared to computer (14.2%) and TV (3.2%)

Youtube Link:https://www.youtube.com/channel/UC9SSjK8zMWaHGSXGwa99N_g/featured

*The information gathered is as per YouTube's Analytics for the account.

3. Twitter

The account posts about the different innovative activities that students have come up with. It also gives information on the webinars conducted by our college by various guests. It was started in September 2019. It has 13 followers and 9 followers. The twitter has followers including the Innovation Council of Nowgong College(A), Nagaon, Assam under MoE Innovation Cell, Govt. of India and IIC of GGI Gulzar Group of Institutes, Ludiana. The account follows eminent personalities like Narendra Modi (Prime Minister of India), Dr. Abhay Jere (Chief Innovation Officer, Ministry of Education, Govt of India) and Dr. Ramesh Pokhriyal Nishank (Former Union Cabinet Minister for Education, Government of India | Former Chief Minister of Uttarakhand).

In the month of July*:-

- 186 Tweet impressions were made
- 189 profile visits

Twitter Link:https://twitter.com/iic_st

*The information gathered is as per Twitter's Analytics for the account.

4. Facebook

The IIC also has a Facebook page where certain updates are posted regarding IIC. Competitions as well as student participation are posted.

Facebook Link:<https://www.facebook.com/profile.php?id=100075061622238>

L. Testimonials

1. "St. Teresa's college has always come up with different innovative ideas and have contributed in empowering entrepreneurial skills in women

Lakshmi Menon, Social Entrepreneur

2. St Teresa's has always excelled in innovation activities and has proven expertise, work ethic and commitment to innovation.

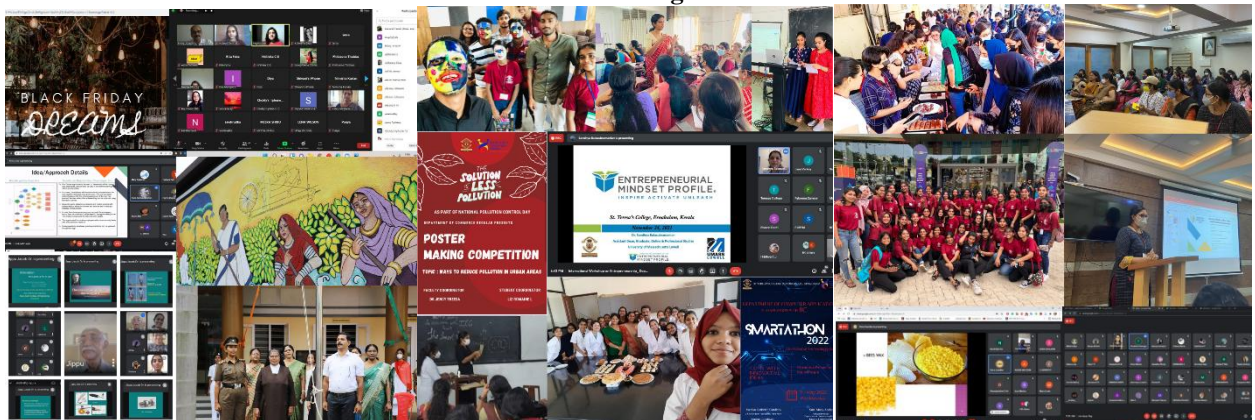
Nasif N.M., Manager, Kerala Startup Mission

3. St. Teresa's is helping students lend the right innovative path building future entrepreneurs. We hope that St. Teresa's would join the social development programmes launched by the corporation.

Adv.M Anil Kumar, Mayor, Cochin Corporation

4. https://drive.google.com/drive/folders/1WhfzhXfwE9EiGZVPgbKFJhI_JntOeVh?usp=mail

M. Images



N. Contact

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