



# **IIC Annual Report 2020-21**

#### 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 96th academic year of the college. The college was reaccredited by NAAC with A++ in the fourth cycle and was ranked 47th in the National Institutional Ranking Framework in 2020. The Collegehas 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:

- o 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.
- o 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.

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.

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. It also has one faculty innovation ambassador who has done the advanced training, 10 faculty innovation ambassadors who have done the basic training and two student innovation ambassadors. This year we have applied for the Mentor- mentee program of MHRD which is a special privilege only for the institutions with 4 stars or more.

The following facilities are established in the College to strengthen the activities of IIC and create an entrepreneurial eco system.

- o Incubation Centre
- Food incubation Centre
- Textile incubation Centre
- Other lab facilities
- Basic office facilities

Towards the end of this academic year, a resourceful faculty and student team took the reins of the leadership of IIC.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.

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. Nirmala Padmanabhan, Associate Professor, Dept. of Economics
- 2. Convenor- Dr.JencyTreesa, Assistant Professor, Dept. of Commerce
- 3. Innovation Activity Coordinator- Dr. Ursala Paul, Assistant Professor, Dept. of Mathematics
- 4. **IPR Activity Coordinator-**Smt. Minu Pius, Assistant Professor, Dept. of Physics
- 5. Social Media Coordinator-Dr. Mary Liya, Assistant Professor, Dept. of Economics
- 6. Internship Coordinator-Smt. Nimmi Jacob, Assistant Professor, Dept. of Home Science
- 7. Start-up Activity Coordinator-Dr. Tania Mary Vivera, 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, CasaroCremary, Start-up Entrepreneur
- 11. Student Core Team
- 1) Liz Romaine L 2) Drishya K 3) Anakha Baburaj 4) Maria Rosemol 5) Akshaya P.V. 6) NeshwaNajuma 7) Lisha Antony 8) GawriSachidandan 9) Alina Rose P.S. 10) Shruthy K Benni 11) Benitta P Shaji 12) Ann Mathew

# 12. Faculty and Student Coordinators of various departments-

		•		
	Sl:	Department	Faculty	Student
	No:		Coordinator	Coordinator

1	Communicative English	Ms. AneenaAleyammaPulimood	Ms. Irene Mariam Shaji
2	Commerce-Regular	Dr.JencyTreesa	Ms. Liz Romaine L
3	Commerce-Self Financing	Ms. Sneha Abraham	Ms. Hanna Mathew
4	History	Ms. Sushasree	Ms. Nivedya Rajeev
5	Clinical Nutrition	Dr.Samja Sabu	Ms. ShanthiKrishna J
6	French	Ms. Alanna Nicholas	Ms. Divya Mary Joshy
7	Computer Application	Ms. Mary Andrews	Ms. Shaza Zakariya
8	Psychology	Ms. Jisha Sekhar	Ms. Nivya Sabu
9	Sociology	Ms. Dora Dominic	Ms. Dona Augustine
10	Zoology	Dr.Helvin Vincent	Ms. Anna Sebastian
11	Physics	Ms. Minu Pius	Ms. Maria Rosemol
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. Alka Benny	Ms. Anu Udayan
15	Economics	Dr. Mary Liya C.A.	Ms. Anjali Menon
16	Botany	Dr. Asha D.	Ms. Vidhya Jithesh
17	Fashion Designing	Ms. Anu Valooran	Ms. Sandra M.S.
18	Literature English	Ms. Liz Mary Antony	Ms. Kripa Joemon
19	Chemistry	Ms. Nimya Ann Mathews	Ms. Munazza Mehak
20	Bharatanatyam	Ms. Arunima J.R.	Ms. Meenu M.
21	Home Science	Dr. Nisha Vikraman	Ms. NeshwaNajuma T. S.
		Dr. Shilpa Jose	

# C. Resource Strength of the IIC Institute

I	Total No. of IIC	Faculty Members -29			
1	Members	Student Members- 336			
	Wiembers	External Members -3			
II	Total No. of	Advanced Level Training Completed			
11	Innovation	Dr. Elizabeth Reshma M.T			
	Ambassadors	Foundation Level Training Completed			
	Ambassauors	Dr.JencyTreesa			
		Dr.Ursala Paul			
		Dr. Nisha Vikraman			
		Smt. Nimmi Jacob			
		Smt. Alka Benny			
		Smt. Sherin Mary Simon			
		Smt. Mary Andrews			
		Dr. Mary Liya C.A			
		Foundation Level Training Undergoing			
		Smt. Minu Pius			
		Smt. Nimya Ann Mathews			
III	Incubation Units	Details			
1	Fashion Clinic	The 'Fashion Clinic' was inaugurated on 5th June 2020, by Dr. T. N. Seema, Vice Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life			
1		Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.			
	Society of	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for			
2	Society of Teresians for	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products,			
	Society of Teresians for Environment	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for			
	Society of Teresians for	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products, promote social entrepreneurship among students, provide livelihood to Kudumbasree members etc.			
2	Society of Teresians for Environment Protection Content Tribe	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products, promote social entrepreneurship among students, provide livelihood to Kudumbasree members etc.  Content writing Unit that offers service to advertising agencies.			
2	Society of Teresians for Environment Protection	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products, promote social entrepreneurship among students, provide livelihood to Kudumbasree members etc.			
2	Society of Teresians for Environment Protection Content Tribe	Chairperson and CEO, Haritha Keralam Mission, Govt of Kerala, through online platform. This clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabricconsidered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.  STEP is a social entrepreneurship unit of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products, promote social entrepreneurship among students, provide livelihood to Kudumbasree members etc.  Content writing Unit that offers service to advertising agencies.  The Department of Physics launched I-CONNECT – Initiatives for CONservation of			

137	IP Facilitation	Tie up with IUCIPR, CUSAT, Kochi
1 V	Centre	

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

**Teresian Innovation and Business Incubation Centre(TIBIC)** funded by Kerala State Industrial Development Corporation act as a strongfold 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 Tribe**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

# 1. Number and Different types of I&E and IPR activities Conducted

Sl.	Name of the event	Date	No.of	Program Theme:	Amo
No			partic	IPR/Innovation/Entrepreneurship	unt
			ipants		spent
1	Orientation Session 1 on National Education Policy (with focus on Innovation and entrepreneurship)	08/21/2020	800	Innovation and entrepreneurship	Nil
2	Panel Discussion on Atmanirbhar Bharat- Vocal for Local, Make In India for the world.	11/28/2020	815	Innovation and entrepreneurship	Nil
3	Pitching workshop & linkage of innovators with Innovation Ambassadors	11/27/2020	201	Innovation	1500
4	Session on Problem Solving and Ideation Workshop	06/05/2020	1128	Innovation and entrepreneurship	2500
5	My Story - Motivational Session 1 by Successful Entrepreneur/Startup founder.	11/24/2020	760	Entrepreneurship	Nil
6	My Story - Motivational Session 2 by Successful Innovators	10/02/2020	650	Entrepreneurship	Nil
7	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	11/28/2020	520	Innovation and entrepreneurship	Nil
6	IIC Council upgradation	10/13/2020	26	Innovation and entrepreneurship	Nil
7	Exposure and field visit for problem identification	01/02/2021	300	Innovation and entrepreneurship	2500
8	Entrepreneurial Leadership- Lessons from my	09/19/2020	250	Entrepreneurship	2000

	Journey				
9	NaiTalim – Experiential Learning Club	10/02/2020	300	Entrepreneurship	1500
10	What Is Your Calling? Entrepreneurship in Chemistry	10/29/2020	305	Entrepreneurship	500
11	Entrepreneurship in Rural Sector	11/02/2020	343	Entrepreneurship	500
12	KAPILA: Kalam Program for IP Literacy and Awareness	10/15/2020	600	Innovation	Nil
		10/23/2020			
13	IKS Orientation Session	11/03/2020	450	Innovation and entrepreneurship	Nil
14	Internship at startups	07/20/2020	222	Innovation and entrepreneurship	Nil
15	Orientation Session 2 on National Innovation	12/31/2020 01/23/2021	600	Innovation and entrepreneurship	1000
16	and Startup Policy (NISP)  Workshop on Entrepreneurship Development	09/24/2020	500	Innovation and entrepreneurship	1500
17	Phases Workshop on Design Thinking, Critical	11/19/2020	240	Innovation and entrepreneurship	2000
	thinking and Innovation Design				
18	IIC Council Meeting- Review of Q1 progress and Planning for Q2.	11/14/2020	23	Innovation and entrepreneurship	Nil
19	Social Entrepreneurship for Social Transformation	11/30/2020	300	Entrepreneurship	2000
20			133	Entrepreneurship	2500
21	The Lingo of Domestic and Intimate Partner Violence, Stop the Abuse	11/26/2020	365	Innovation and entrepreneurship	500
22	Meet the Entrepreneur	11/10/2020	254	Entrepreneurship	Nil
23	Meet the Young Inspiration	11/20/2020	245	Entrepreneurship	Nil
24	My Story:Motivational Session 3 By Successful Entrepreneur	11/30/2020	288	Entrepreneurship	500
25	Orientation session for all students & faculties of Institute by Innovation Ambassador.	06/28/2021	151	Entrepreneurship	Nil
26	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	02/23/2021	215	IPR	1300
27	Mentorship Session for Student Entrepreneurs through experts	11/19/2020	340	Innovation	Nil
28	Interactive Session/Mentoring Session with "Successful Start-up founders" (Entrepreneurs in Campus)	11/28/2020	310	Innovation and entrepreneurship	Nil
29	Business Plan Competition to Invite Innovative Business Models from Students	06/05/2020	3050	Innovation and entrepreneurship	Nil
	Business Wodels from Students	11/25/2020			
30	Workshop on Prototype/Process Design and Development	11/27/2020	600	Innovation	Nil
31	Toy-Hackathon	01/20/2021	185	R&D and Innovation	Nil
32	Session on "How to plan for Start-up and legal & Ethical Steps"	03/03/2021	180	Entrepreneurship	1000
33	Legal Aspects of Startups& Financial Discipline	03/19/2021	158	Entrepreneurship	2500
34	International Seminar-"Perspectives on Women Leadership"	03/25/2021	123	Entrepreneurship	Nil
35	Interactive Session With Young Entrepreneurs	03/10/2021	96	Entrepreneurship	Nil
36	Craffiti Inlay Workshop On Giftbox Making	01/04/2021	192	Entrepreneurship	Nil
37	Entrepreneurship in Rural Sector	01/02/2021	183	Entrepreneurship	Nil
38	Session on Building an Innovation/ product fit for market	03/08/2021	218	Innovation, Entrepreneurship	1000
39	Session on Accelerators/Incubation - Opportunities for the Students & Faculties -	07/12/2021	99	Entrepreneurship	Nil

	Early Stage Entrepreneurs				
40	Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level	06/17/2021	198	R&D and Innovation	1500
41	The Mathpreneurs Day- Celebrating the success of Teresian Math	05/29/2021	82	Entrepreneurship	1000
42	IIC Student Core Team Meeting and Action Plan Discussion	06/20/2021	119	Entrepreneurship	Nil
43	Discussion Forum OnInME – Challenges and The Way Forward	05/26/2021	107	Entrepreneurship	1100
44	CASEBIZ Competition	06/20/2021 - 06/25/2021	13	Design Thinking & Critical Thinking	Nil
45	Quiz competition based on innovative startups	06/21/2021 - 06/24/2021	135	Innovation and entrepreneurship	2250
46	Orientation Session On "Patenting Life: Where Should We Draw The Line?"	06/29/2021	105	IPR	Nil
47	Angel Investment Funding Opportunities for Early stage Entrepreneurs	08/16/2021	36	Entrepreneurship	Nil
48	Lean Start-up and Minimum Viable Business- A mentoring session	08/14/2021	58	Entrepreneurship	Nil
49	Explore the Internship Opportunities	08/12/2021	37	Innovation and Entrepreneurship	Nil
50	Teresian Entrepreneurship Webinar Series	07/31/2021	46	Entrepreneurship	Nil
51	Government Schemes for Women Entrepreneurs	07/06/2021	39	Entrepreneurship	Nil
52	World Entrepreneurship Day celebrations	08/21/2021 - 08/24/2021	21	Entrepreneurship	Nil

# 2. No. of student's & faculty ideas generated

- ❖ Mobile app for Hill Palace Museum, Ernakulam-Dhwani-Dhwani is an audio guide which contains the history, culture and heritage of Hill Palace Museum, Thrippunithura. Interesting facts, trivia and stories are made available to customers within their fingertips to ensure a memorable experience. a more convenient method to explore the culture and heritage of Hill Palace Museum to ensure the maximum satisfaction of visitors
- ❖ Mobile app for promoting Kerala Cuisine-Food App-A Foodies friend- Gives very interesting authentic information about the food that you order- a complete dining experience. An aid to people of different regions and cultures who desire to explore authentic Kerala cuisine. Comprehensive interesting trivia about Traditional foods of Kerala. Techniques of growing, making of traditional foods, its history and cultural significance, nutritional value etc- An app that gives information on all interesting facts such as its processing steps, its origin, culture and trivia.
- ❖ Special Dough for diabetic patients-Diet Clinic is an initiative of food and nutrition department of our college. It aims to provide customised diet plans and consultation facilities to ensure optimum nutritional intake and a balanced diet.

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

❖ Innovation - The creation of safe soft toys for Anganwadi children from shredded waste materials. The College envisions the prospects of creating soft toys and creating a niche for such a venture by utilising waste materials for the benefit of Anganwadi kids who can get soft toys in a more economical manner to learn and to play without creating any adverse problems to health and environment. This idea helps in utilising waste materials for a noble cause and also helps to generate eco-friendly toys for kindergarten.

- ❖ Prototype: Design and development of eco- friendly gift hampers for new born babies. The developed gift hamper included the following items:-Baby dress, Baby socks and mittens, Baby sheet and small towel, Baby cap, Baby Diaper and bloomers and a Toy.
- 4. No. of Student & Faculty Start-upsestablished.
  - ❖ Bhume Women's Collective

#### Other Ventures of the institute

- Lilza Greens
- ❖ InME-Teresian Math@Online
- Diet Clinic
- Business Plan Studio
- ❖ Tax Consultancy Cell
- 5. Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus Rs. 32650/-
- 6. Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR
  - Rs. 50000/- to **Fashion clinic**

Fashion clinic is a small step towards sustainability, striving to bring awareness and opportunities to the public on how a garment or a fabric considered as not wearable can be transformed into an attractive garment or product which can have a new life again as nature can heal itself.

Rs.1,00,000/- to Bhume Women's collective

Society of Teresian for Environment Protection (STEP) is a charitable and literary organization of St. Teresa's College to carry on activities for protection and conservation of environment, promote usage of biodegradable products, promote social entrepreneurship among students, provide livelihood to Kudumbasree members etc.

# 7. No. of Technology Transfer and Commercialisation happened

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

The commercialisation of Kalippatom, 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.

- ❖ Dr. Nirmala Padmanabhan-IIC President: Headed the Kalippattom Initiative under STEP (St.Teresas Environment Protection) which was selected for the Green Initiative fund jointly organized by Haritha Kerala Mission(Govt. of Kerala), Kerala Startup Mission and UNDP.The up cycling activities of textile and Soft toys initiated in the campus under Dr. Nirmala's leadership received a commendable mention in the Prime Ministers Mann Ki Baat on 28<sup>th</sup> March, 2021.
- ❖ Dr. JencyTreesa-IIC Convenor: Coordinated in drafting Innovation and Entrepreneurship policy of the college and attended Innovation Ambassador Training (Foundation Level), conducted by MoE's Innovation Cell and AICTE.
- ❖ Dr. Elizabeth ReshmaM.T ARIIA Coordinator: Completed the Advanced Level Innovation Ambassador Training conducted by MoE's Innovation Cell and AICTE. She is the Staff Coordinator of InME (Incubation unit of Math entrepreneurs) of Mathematics Department.
- ❖ Ms. Hiba and Ms. Devika S Nair of final year B.Com were selected as the student Innovation Ambassadors by MHRD.

#### 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.

# 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;

- a) Education: Improve quality of educational toys available at Anganwadis (SDG 4)
- b) Livelihood: Creation of livelihood opportunities for unemployed women (SDG 5)
- c) 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. Start- Details No ups/Ventures in		Details
110	Progress	
1	1 Lilza Greens An initiative for producing eco-friendly baby dresses with an intension to proemployment opportunities for skilled women.	
2	InME- Teresian Math@Online	The Department of Mathematics & Statistics has initiated a one- to-one tutoring platform for school students by the undergraduate and post graduate students and alumnae of the department.
		Diet Clinic is an initiative of food and nutrition department of our college. It aims to provide customised diet plans and consultation facility to ensure optimum nutritional intake and a balanced diet.
Business Plan Studio Department of Management Studies has initiated this B-Plan Studio team in building up business plans for clients.		Department of Management Studies has initiated this B-Plan Studio with a core team in building up business plans for clients.
5	Tax Consultancy Cell	Tax Consultancy Cell which is an initiative of the Department of Commerce, provides efficient and comprehensive tax consultancy services at affordable fees.

# 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 inititative in his **Mann Ki Baat** programme.





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. <a href="https://teresas.ac.in/innovation-and-entrepreneurship/">https://teresas.ac.in/innovation-and-entrepreneurship/</a>. The Faculty Co-ordinator of NISP — Dr JencyTreesa, 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.

#### **ARIIA-** Participation and rank:

St. Teresa's College has participated in ARIIA ranking instituted by MoE, Govt. of India and submitted the data and reports required for the ranking. The institution is waiting for the next phase of data verification.

#### K. Details of Social-Media and IIC connections

#### 1. Twitter

The twitter account has 7 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),

Dr. Ramesh PokhriyalNishank (Former Union Cabinet Minister for Education, Government of India | Former Chief Minister of Uttarakhand)

Tweet Activity has earned around 7000 impressions over a period of June 2020 to August 2021

Twitter link: <a href="https://twitter.com/iic\_st">https://twitter.com/iic\_st</a>

### 2. Instagram

The Instagram Handle has around 362 followers and the handle is mainly used in motivating the young minds by featuring all innovative activities which is taken place under the IIC of St Teresas's College Ernakulam

Instagram Link: <a href="https://www.instagram.com/stc\_iic/">https://www.instagram.com/stc\_iic/</a>

#### 3. Youtube

- a) A Youtube Channel was started with a vision of catering various activities performed by the different departments in the college in association with the IIC cell
- b) Youtube Link: https://www.youtube.com/channel/UC9SSjK8zMWaHGSXGwa99N\_g/featured
- c) The channel has around 3 subscribers, 39 views over a period of Nov 2020 to August 2021.

#### L. Testimonials

1. "Under the patronage of the Ministry of Education, Govt. of India, St. Teresa's College has formulated IIC-Institution's Innovation Council- to foster the culture of innovation and entrepreneurship in the institution. It systematically conducts various innovation and entrepreneurship related activities prescribed by the MHRD such as ideation, problem solving, Design Thinking, IPR, project handling and management at pre-incubation and incubation stages in a time bound fashion."

Dr. Lizzy

# Mathew, Principal

- 2."IIC directives have made us think of certain activities which we have not thought of earlier and thus we have expanded our activities. Teresian IIC started a bit late, but we were able to improve and upgrade ourselves from 2 star in 2018-19 to 4 star in 2019-20 despite being a women's college. So I think Teresian IIC is moving in the right direction following the clear guidelines set by MoE." **Dr. Nirmala Padmanabhan, IIC President, Dean of Extension and Incubation**
- 3. "IIC at St. Teresa's College is doing a phenomenal job to generate and build awareness and interest among students about innovation & entrepreneurship. The College in partnership with various NGO s and Civic bodies is focused at creating avenues to collaborate and innovate together to resolve social problems. IIC meetings discussed some fantastic ideas such as toy making and the business incubator in college is picking up some of them for implementation. This will introduce students to various aspects of entrepreneurship and help them gather experience, expertise and financial literacy about starting and managing start-ups in future"-

# Mr. Sudheer Mohan, Wipro Ventures, Industry Expert

4. "St. Teresa's has taken one step forward in solving issues faced by society. Teresians are able to find solutions for problems and carve out sustainable models to address them."

#### Lakshmi Menon, Social Entrepreneur



N. Contact

St. Teresa's College (Autonomous) Park Avenue, Marine Drive, Ernakulam, Kerala- 682011 Office No. 04842351870 Mail id: principal@teresas.ac.in

\*\*\*\*\*\*\*\*\*\*\*\*\*