



Annual Report 2022-23

IIC ID: IC201810962

Women's Christian College, Chennai – 06

A. About IIC Institute:

Institution's Innovation Council (IIC) of Women's Christian College has been established in the 2018 to encourage the culture of Innovation among the students across various discipline of the Institution. The focus of IIC of Women's Christian College is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. IIC is established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus.

Functions:

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc.

IIC version 1.0 has received 3 stars rating awarded by Ministry of Education. During the academic year 2019-20, IIC 2.0 was established with Principal, Thirteen faculty members from different departments, External Members from Incubation Centre, Entrepreneur who is an alumna and Patent Expert. There are thirty-five students from different departments as office bearers of Innovation Club and E Cell and sixty seven department representatives. IIC 2.0 received 4.5 star rating. IIC 3.0 had Principal, Thirteen faculty members from different departments, External Members from Incubation Centre, Entrepreneur who is an alumna and Patent Experts, thirty one students from different departments as office bearers of Innovation Club and E Cell and one hundred and thirty department representatives. IIC 3.0 has received 4 star rating. IIC 4.0 has Principal, Thirteen faculty members from different departments, External Members from Incubation Centre, Entrepreneur who is an alumna and Patent Experts, 33 faculty from different departments as representatives, thirty five students from different departments as office bearers of Innovation Club and E Cell and one hundred and

four student department representatives. IIC 4.0 has received 3.5 star rating. IIC 5.0 was established in September 2022 with the Principal, 3 external experts, 13 faculty members and student office bearers.

B. Brief mention of key functionaries at the IIC Institute:

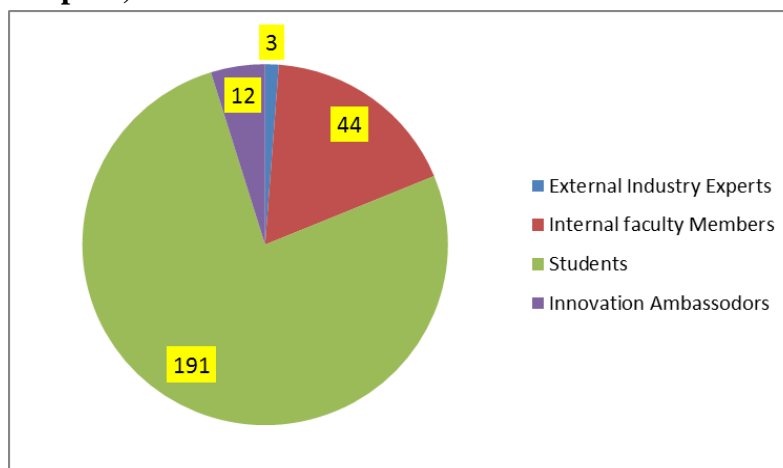
External Members:

Sl. No.	Name	Designation
1	Mr. Sankaran Munusamy	Founder and MD, Phygitalz Advisory and Solutions Pvt Ltd.
2	Dr. Deepa B	Patent Attorney, Intellpat Patent Solutions
3	Ms. Amareswari Murugan	Managing Director, Faradays Microtechnologies Pvt Ltd.

Internal Members:

Sl. No.	Name	Designation
1	Dr. Lilian I Jasper	Principal and Secretary – President
2	Dr. J. Lisa Sheba Rani	Convenor
3	Dr. B. S. Catherine	Co-convenor & Coordinator – Startup Activity
4	Dr. J. Jeba Jesintha	Dean of Research, Member
5	Dr. S. Sona, Dr. Evelyn Kramony	Coordinators – incubation Centre
6	Dr. Evelyn Kramony	Coordinators – incubation Centre
7	Dr. K. Hema Shankari	Coordinator – Innovation activity
8	Dr. Anita Priscilla J	Coordinator – IPR Activity
9	Dr. J. Margaret Marie	Coordinator – Start up Activity
10	Dr. Irvin Mary. S	Coordinator – Internship
11	Dr. Jemima Farrar	Coordinator – ARIIA
12	Dr. Zarina A	Coordinator – NIRF, Member
13	Ms. Elizabeth Rahel	Coordinator – Social Media
14	Dr. Narmadha V	Expert Advisor

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution



- Total No. of IIC Members – 3 External Members, 1 Principal, 43 (Internal IIC faculty members & Department Representatives), 28 student IIC office bearers, 57 student representatives for E-Cell and 106 for Innovation Club from each department.
- Total No. of IAs - 12
- Total No. of faculty Mentors From Portal - 13
- Pre-Incubation Units, If any – In process
- Incubation Units, If any – Nil
- IP Facilitation Unit, If any – In process

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.



ZEAL – Innovation Club of Women’s Christian College stimulates the creativity and innovation among the students and faculty, accelerate the transition of research and innovation from the lab to the field and market place. It encourages closure interaction and cooperation between industry, field and academia for overall growth and development of the young innovators.



Blaze – Entrepreneur Cell of Women’s Christian College has vision to help the aspiring entrepreneurs start and grow their businesses by creating a pathway of various opportunities like interactive sessions with professionals, business competitions to increase the awareness. This helps foster entrepreneurial thinking, promote business knowledge and instil confidence in every student.

Rural Entrepreneurship Development Cells (RED Cell) set up by Mahatma Gandhi National Council of Rural Education (MGNCRE) under the Ministry of Human Resource Development, Government of India, which strives to promote resilient rural India through

Higher Education interventions. RED Cell started its functioning in our college in 2021. It aims to motivate the students to explore rural resources and opportunities available in the zone. It also nurtures the students to become successful rural entrepreneurs for the balanced regional development.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted - 47
- No. of student's & faculty ideas generated - 6 (Yukti)
- No. of student's & faculty Innovation/prototypes developed - 1
- No. of IPs generated, published and granted - 2
- No. of Student & Faculty Start-ups/Ventures established – In process
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus – Rs. 45,489.64/-
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR - 1,50,000/-
- No. of Technology Transfer and Commercialisation happened – In process

**F. Highlight few best IIC Faculty/Student members and their achievements/
Rewarded for the innovations at different forum**

- ✓ Dr. Anita RJ Singh and Jacintha Jasmine D have received accession numbers for discovering novel microorganisms – 6 granted and 3 are sent for approval.
- ✓ Ms. Irvin Mary S has been nominated as a mentor for a national entrepreneurship challenge (NEC) E-Cell, IIT Bombay.
- ✓ Dr. Anita Priscilla J and Dr. Lisa Sheba Rani J have received certificate of appreciation for successfully conducting the joint awareness event with KAPILA and NIPAM that was organized on Intellectual Property Rights (IPR) on 19.01.2023 with Mr. Udhaya Shankar, Assistant Controller of Patent and Designs, IPR office, Chennai as the guest speaker.



- ✓ Dr. Catherine BS, Co-ordinator of WCC Rural Entrepreneurship Development Cell (RED) has conducted Entrepreneurial awareness program among rural youth. On 21st March 2023 at BWDA Arts and Science College, Koliyangunam, Near Tindivanam and on 23rd March 2023 at Government Arts and Science College, Nemmeli, Near Mahapalipuram. 65 WCC students participated. A speech, villupattu, skit and management games were performed to create awareness.
- ✓ Dr. Hema Shankari K, Co-ordinator of Standard Club had organized "Standards Writing Competition" on 29th March 2023 from 1.30 pm to 4.30 pm in the RMS block First Floor. 46 students participated in the competition. Standard Club had organized an online Quiz on Standards and its importance on 30th March 2023 and more than 50 students participated in the quiz. 10 of our students were given training online and created the awareness about standards and safety available to buy a product and to introduce BIS care app to the public.
- ✓ Viveka S, II Computer Science has won the 1st Prize in Talkathon – 2023 (Online), a student led workshop on Innovation was organized by IIC - Sacred Heart College (Autonomous), Tirupattur.

G. Highlight selected best Innovations & images with mention of inventor / innovation name

Interdepartmental Innovation Exhibition Contest – Noothan was organized on 27.02.2023. Best 5 Teams, M.Sc., CST – Powerhouse, B.Sc., Chemistry – Activated Carbon Filter, BBA – Connect, B.Com. General – Application for Asperger Syndrome and B.Sc. – Psychology (Shift 2) – The Game of Calm were chosen and their ideas were added into Yukti Portal. The department of B.Sc Computer Science bagged overall championship trophy.

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name – In process

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

- ✓ Smart India Hackathon etc. - It's a great milestone for our students from the department of Psychology who proposed a solution on 'how to automate and compute the detection of possible vulnerability to depression before its onset' had participated in the National level grand finale - Smart India Hackathon 2022 on August 25th and 26th. The team was selected and present their prototype in the National level grand finale - Smart India Hackathon 2022.
- ✓ All India 2D Animation Hackathon was conducted by FOSSEE IIT Bombay in February 2023. 2 students of Visual Communication, Aliciya Roshni Sophia and Roselin Mary J and the faculty Ms. Irvin Mary S had won second place out of 516 contestants.

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA – ARI-C-43946, Women's Christian College, Chennai – Participated.
- NISP Adoption status - Trained Faculty and Policy Formulated and in the process of implementation (<https://wcc.edu.in/wp-content/uploads/IIC/WCC-Startup-Policy.pdf>)
- 3 Days workshop conducted by UNOM EDII: Spoke college FDP – Ms. Irvin Mary, IIC Member has attended from 27 th February to 1st March, 2023.
- 2 Days workshop conducted by UNOM EDII: Student office bearers Ms. Varsha M, E-cell President, Department of Chemistry and Ms. Marella Usha,

E-cell Vice President, Department of Corporate Economics attended on 'E-Leader' at S.A College of Arts and Science from 20th to 21st February, 2023.

- The joint awareness event with KAPILA and NIPAM was organized on Intellectual Property Rights (IPR) on 19.01.2023 with Mr. Udhaya Shankar, Assistant Controller of Patent and Designs, IPR office, Chennai as the guest speaker.
- Innovation Ambassadors Dr. Catherine BS and co-ordinator of Entrepreneurship Development of WCC, Ms. Irvin Mary have applied for a DST funded project titled "Faculty Entrepreneurial Development Programme (FEDP)" and result is awaited. The objectives are The FEDP organising team, Institution's Innovation Council (IIC) & EDC of Women's Christian College, is intended to follow up and monitor the action to be taken by the participating institute in their respective institutes.

K. Detail of Social Media & Connections of IIC institute:

- ✓ <https://www.facebook.com/wcc.edu/>
- ✓ https://www.instagram.com/iic_wcc/

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell:



DEPARTMENT OF COMPUTER SCIENCE WOMEN'S CHRISTIAN COLLEGE

(An Autonomous Institution-University of Madras)
(www.wcc.edu.in)

Dr V. Narmadha
Associate Professor
Department of Computer Science
narmadha@wcc.edu.in

WCC was one of the arts and science colleges in the country to positively respond to the call by MHRD in the formation of IIC in institutions for higher education in 2018

From 2019 onwards WCC has been organising MIC led webinars, workshops, leadership programmes and innovation contests on campus and students have sent proposals for Smart India Hackathon and Proof of Concept – POC contest. Multiple programmes and events both IIC led and institution led have been organised in WCC till date.

I am happy that one of team from our college has **won prize Toyakathon** final and another team has represented Our College in the **final SIH 2021**.

Under the MOE, at present IIC – WCC strives to inculcate a culture of product innovation and problem solving among students. The progress of WCC from 3 star status to 4.5 star status is a testimony to the giant strides taken since inception.

As a member of IIC – WCC from 2019, I have witnessed a change in student and faculty orientation towards innovation and entrepreneurship. Courses on entrepreneurship and innovation have been introduced in the curriculum.

We have faculty and student entrepreneurs on campus and several students have transformed from introverts to innovators being part of IIC. Faculty Innovation Ambassadors take initiative to groom students towards innovation and entrepreneurship and the start-up policy in place is sure to be a stepping stone to success.

V Narmadha
23/9/23

V Narmadha , Member – IIC-WCC since 2019



Since Year 2021, I have been part of several initiatives organized by Women's Christian College, Institution's Innovation Council (WCC-IIC). I am happy to note WCC-IIC has been putting tremendous effort and continued focus on problem solving, innovation, hackathon, and proof of concepts, entrepreneurship & start-up eco system development. Systematic problem solving techniques such as Design thinking, Six Sigma, etc prepares students to face & address the critical challenges faced by the industry and society. WCC-IIC continuously involving subject matter experts from Industry, academicians to groom students with right set of knowledge relevant for evolving & challenging requirements around the world.

My Sincere thanks & appreciation to WCC-IIC for bringing out innovative entrepreneurial students to future with continuous focus and strenuous effort.

Thanks & Best Regards

Sankaran Munuswamy

Founder & Managing Director

23rd Sep 2023



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M. Images:



IIC Faculty members & Student Office Bearers 5.0

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WCC reintroduces skill development course after 10 years - Times of India

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THE TIMES OF INDIA

WCC reintroduces skill development course after 10 years

TNN | Aug 26, 2023, 07:43 AM IST



CHENNAI: Seated on the floor, students were engrossed in their creative endeavors. On Friday's session, they had been tasked with painting Cleopatra onto a fabric.

After a 10-year hiatus, Women's Christian College has reintroduced the skill development programme to expose its undergraduate final year students to traditional arts and to foster entrepreneurial skills in them.

The programme is aimed at providing practical skills to the students to explore entrepreneurship or career opportunities in the creative industry.

College principal Lilian Jasper said, "In a world where modernization often threatens to overshadow traditional art

forms, we want to introduce young people to such courses to focus on areas beyond their academic subjects."

One of the mentors of the programme said traditional arts is often sidelined in the current curriculum. "The focus on technical and theoretical subjects leaves no room for exploring artistic creativity and neglecting traditional arts will disconnect young people from their history," Narmada said.

Salama Marjana, a student said "I truly hope colleges consider incorporating more of these courses into the

<https://timesofindia.indiatimes.com/city/chennai/wcc-reintroduces-skill-development-course-after-10-years/articleshowprint/103077036.cms>

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WCC reintroduces skill development course after 10 years - Times of India

curriculum, offering students not only academic growth but also a chance to rejuvenate themselves through hands-on experiences."

Along with mentorship from entrepreneurs and artists, the principal said, she will continue to organise the course for all the students in the future.

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Chennai: Women's Christian College organises two-day international conference on transforming academics - Times of India

Printed from
THE TIMES OF INDIA

Chennai: Women's Christian College organises two-day international conference on transforming academics

TNN | Jul 28, 2023, 10:45 AM IST



CHENNAI: The Women's Christian College organised a two-day international conference on Global Perspectives on Transforming Academics Through Research and Innovative Strategies.

The aim of the conference was to enhance the research culture on campus through innovative developments in diverse disciplines and bring about a transformation in the teaching learning process, said a release.

Suresh Ramanathan, dean & principal, Great Lakes Institute of Management, Chennai, spoke about the need for cultivating curiosity there by nurturing academic growth through research.

Hassan Basri Jahubar Sathik, director of academic affairs, University of Cyberjaya, Malaysia, who was the keynote speaker, emphasised on innovation to create an impact to unleash the power of SDGs in building a sustainable future.

<https://timesofindia.indiatimes.com/city/chennai/chennai-womens-christian-college-organises-two-day-international-conference-on-transforming-academics/articleshowprint/102190323.cms>

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Chennai: Women's Christian College organises two-day international conference on transforming academics - Times of India

Lilian I Jasper, principal & secretary, Women's Christian College, released, a book titled Multidisciplinary Research in Academic- The Way Forward.

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