

ANNUAL REPORT OF IIC- WCC
FOR THE ACADEMIC YEAR 2019-2020

Office Bearers 2019-2020
Entrepreneurship Cell (Blaze) & Innovation Club (Zeal)



Standing 2nd Row (L to R):

Dr. Lisa Sheba Rani J, Dr. B.S. Catherine, Dr. Evelin Kramony, Dr. T. S. Renuga Devi, Dr. Lilian I Jasper (Principal), Dr. Rachana Dave (Scientist & Founder, MicroGo LLP), Dr. V. Narmadha, Dr. Anita R J Singh, Dr. Hema Shankari K, Ms. Elizabeth Rahel George, Dr. S. Sona, DR. J. Margaret Marie.

Standing 1st Row (L to R):

Sucharitha S, Sanjana R, Sakthibala G, Monisha Anbalagan, Yukktha Shankar V, Amritavarshni V, Ms. Margaret Alexander, Mirunalini G, Nagalakshmi Gayathri M, Varsha H, Shalini S, Ummul Ridha A, Haridhra T S, Dharshini S S.

Events Conducted By Zeal 2019-2020

1. The Inauguration of Zeal – Institution’s Innovation Council of WCC and Workshop on Creative Thinking, 13 August 2019

Women’s Christian College, Chennai, Launched Their New Cell For Innovation “Zeal – Innovation Council Of WCC” For The Budding Innovators And Entrepreneurs On Campus On.

The Investiture ceremony took place in the Bamford hall at 11:00am. The Program commenced in the name of GOD with a prayer song and the lighting of the lamp - a tradition of the college.

This was followed by the welcome address by the Principal of WCC, Dr. Lilian Jasper. The Principal did the honors of giving the badges to the office bearers of 2019-2020. The chief guest for the event was Ms. Rachana Dave - scientist and founder of MicroGo LLP. Dr. Narmada, staff coordinator of Zeal introduced the chief guest. There was a short talk by Ms. Dave, where she ignited the minds of young entrepreneurs by sharing some personal anecdotes of her journey of starting a company of her own and how she sailed over all the hardships in the process of launching her enterprise. The program ended with the vote of thanks by the President of Zeal, Ms. Sanjana.

The workshop on Creative Thinking was conducted by Mr. Robinson Rex, a specialist in soft skills and corporate trainer with more than 10 years of work experience. The objective of the workshop was to educate the students on the fundamentals of creative thinking. The workshop was interactive and provided scope for the students to think creatively in everyday situations.

2. Innovation Day: Ignited Minds- Dr. APJ Abdul Kalam and India 2020, 15 October 2019

IIC conducted various events and organised a talk to mark the birthday of Dr. Kalam. The events were:

- *Poster Making*
- *Wealth Out of Waste*
- *Quiz*

Competitions were on the theme of "Defense and Space Achievements of Dr. Kalam" and "Life of Dr. Kalam and innovation". The aim behind conducting these competitions was to give the students a platform to test their the artistic and innovation. There was a huge response from the students and all the events were successful and all the winner were given certificates and prizes.

Speaker: Ms. Sabeel, an entrepreneur and alumnae of Women's Christian College gave spoke about her journey of becoming an entrepreneur and encouraged the students with Dr. Kalam's visions.

3. Assembly Hour: Initiate Innovate Create, 29 November 2019

The Assembly hour was exclusively given to the student body of "ZEAL" IIC to brief the students regarding the objectives and activities of the committee. The students were also informed about the procedure for submission of research proposals and innovations. Budding entrepreneurs of the college like Ms. Yukktha, shared her experiences on how she started her business. Students from the college who had submitted research proposals in a hackathon conducted by Sairam college shared in their experiences and also give the students a clear perspective on how to submit a proposal. The President encouraged the students to join in the

committees under "ZEAL" and also requested them to support "ZEAL" by following their social media accounts.

4. Internal Hackathon for Smart India Hackathon 2020, 21 January 2020

The Institution Innovation Council – Zeal conducted Internal Hackathon for Smart India Hackathon 2020. The objectives of hackathon were explained by Dr. Narmada. The students asked to identify one problem from the list given in the MHRD website and find a solution for it.

Students were asked to make a PowerPoint presentation with drawings of their proto types. They were given time of 2 hours and 40 minutes. There were 3 jury members – Head department of Physics, Head department of Computer Science and Dean of Research, who judged the teams based on 4 categories.

In the valedictory function, our college Principal was invited to give away the certificates for selected teams and the participants. 7 teams were selected out of 12(5 teams for hardware and 2 teams for software). The selected team members were said to develop their projects through the corrections suggested by the jury members.

Students came to know what hackathons are, how these problem-solving exercises are being used to create an impact, and why people are turning to external partners and platforms to navigate the mercurial landscape of innovation

5. Visit IITM Research Park, 10 December 2019

Number Participated: 27

Students: 9

Faculty: Principal along with 17 faculty members.

Objective: To learn about the incubation activities of IITM research park.

To learn how an innovative idea can lead to business

Outcome: Opportunity to learn about the functioning of an incubation cell

The visit was specifically meant for students and research scholars. The first session was by Mr. Ramesh Santhanam, Chief Innovation Officer in IIT Madras Research Park. The second session was led by Ms. Priya, Incubation Cell Coordinator. She briefly explained the functioning of the Incubation Cell and the requirements for applying for support from IIT –M Research Park. The third session was by Ms. Sharanya. She represented Skillangels, an e-learning platform that creates learner centered content in regional languages.

The fourth session was about Fib - Sol, which is also been supported by the Incubation Cell. Fib-Sol manufactures bio fertilizers using nanotechnology. The fifth session was on Helyxon. Their 98.6 Degree fever watch is a continuous fever monitoring system and can be used in home as well as in hospitals. The last session was on Twin Digital that is working towards developing a procedure for reversing diabetes. These were some of the startups that are supported by the Incubation cell.

Visiting IIT Madras Research Park was an opportunity to learn about the functioning of IITM's Incubation Cell and the innovative ideas of the startups supported by the Incubation Cell

6. National Communication Skills Challenge, 28 January 2020

Number of Student Participants: Internal: 100

Number of Faculty Participants: Internal: 4

Objective: National Communication Skills Challenge is aimed at assessing the English communication skills of students

The Student participants understand their current language skill levels through this self-diagnostic test. The test also provides personalized reports with enhancement strategies for individual participants.

7. Talk on “Food Habits to Reverse Diabetes”, 22 January 2020

No. of people at the event: 15, Staff: 15, Students: 60

Speaker: Mr. M.A. Maluk Mohamed is the Co-founder and Vice President (Research) - Twin Health Inc., San Francisco. Head, India Operations - Twins Digital Services.

His talk was about diabetes reversal. He spoke on how diabetes is stimulated and how it triggers other chronic illness such as hypertension which further leads to heart attack, cancer and other such illnesses. He also gave small insights into how his company designed and produced a device that can be fitted in the human body to identify changes in metabolism. He also mentioned that his company is collaborating with doctors for this initiative and also shared the success stories of how they have already reversed diabetes in a few patients. His talk was not only informative but also acted as wakeup call to the audience on how small changes in food habits could prevent and reverse diabetes.

Outcome: The presentation was a wakeup call to the audience on how small changes in food habits could prevent and reverse Diabetes.

8. Trail - An Inter Collegiate Event in Mark of Science Day 2020, 04 March 2020

Speaker: Ms. Bhairavi Prakash a psychologist, an alumna of Women's Christian College, an Amani Social Innovation Management Fellow, and the founder of Mithra Trust.

Mithra, launched in 2018, is a not for profit organization that engages with students, student networks, and youth communities to create awareness about positive mental health by providing information, workshops, tools, and access to reasonably priced services.

IIC had planned a series of inter collegiate events to celebrate National Science Day 2020.

There were 4 on stage events and 1 off stage event namely:

- *Innovation Tunes*
- *Block And Tackle*
- *Shipwreck*
- *Potpourri*
- *Photography*

The event drew participants from colleges across the city and the winners were given certificates and prizes.

9. Workshop on Intellectual Property Rights, 04 March 2020

Speaker: Dr. B Deepa, a patent attorney, spoke to students about Intellectual Property Rights/IPR.

Dr. B Deepa clearly explained the difference between patent, copyrights and trademarks. She also explained how to apply for patent in India and also gave several examples and case studies.

10. Logo Competition

Ten students from Department of Visual Communication and one student from Commerce participated in NEAT logo competition conducted MHRD, India.

11. Idea Generation

Five teams have been selected by the Research Cell and their ideas were uploaded.

12. Innovation Ambassador Training program

Conducted by IIC – MHRD on 8th and 9th of January 2020 was attended by Dr. Renuga Devi, Dr.S. Sona, Dr. Lisa Sheba Rani J and Dr. V. Narmadha.
