

# SREE AYYAPPA COLLEGE FOR WOMEN CHUNKANKADAI, NAGERCOIL-629003



## **Institution's Innovation Council**

**Activities for the Academic Year 2022-23** 

#### IIC Activities from June 2022 to May 2023

#### 1. Session on Lean Start up and Minimum Viable product

Resource person: Retd Captain .Ritu Dubey, Trainer and Consultant, Yoddha Consultants and Senior Project manager, Knowlens Solutions Pvt

Ltd,Lucknow,UP

**Date**: 16 /06/2022

No: of participants : 50

**Objective of the programme:** The overall objective is to equip participants with the knowledge and practical skills necessary to adopt a lean and customercentric approach to start-up development, using MVPs as a key tool in this process.

**Programme outcome**: The session was informative and interesting. Capt Ritu Dubey explained about the minimum viable product which is a concept from Lean Startup that stresses the impact of learning in new product development. She also explained the difference between Proof of concept, Minimum Viable Product and Minimum Marketable Product. The objective of the session was to motivate the students to indulge in Lean startup. Lean startup is a methodology for developing businesses and products that aims to shorten product development cycles and rapidly determine if a proposed business model is viable; this is achieved by adopting a combination of business-hypothesisdriven experimentation, iterative product releases, and validated learning. Lean startup highlights customer feedback over intuition and flexibility over planning. This methodology enables recovery from failures more often than traditional ways of product development. The resource person was able to make the participants understand the three main steps budding entrepreneurs can take to begin building a lean startup: Find, Execute, and Validate. The students got motivated to develop the lean startup approach which helps new ventures

launch products that customers actually want, far more quickly and cheaply than traditional methods.



2. Session on Acclerators -Opportunities for Students and Faculties -Early Stage Entrepreneurs

Resource person: Ms. Najina Mohamed, Delivery manager, UST, Trivandrum

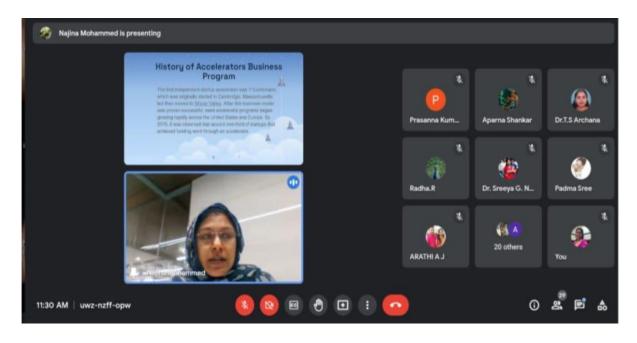
**Date**: 20 /06/2022

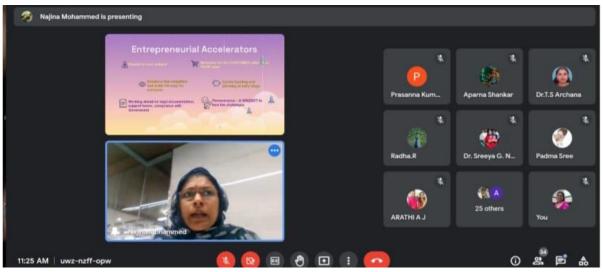
No: of participants: 30

**Objective of the programme:** The objective is to inform and empower students, and early-stage entrepreneurs with knowledge about accelerator programs, the benefits they offer, and how to leverage these opportunities to accelerate their ventures.

**Programme outcome**: The resource person ,Ms.Najina Mohamed explained about the various incubation options available for early stage entrepreneurs. She also explained the ways to approach pre-incubation centres to get technical and financial assistances. She further illustrated various early stage entrepreneurs as case studies. She called upon the participating students to develop their innovative ideas as viable entrepreneurial ventures and approach the related

incubation centres. The session was really informative and has thrown light to the concept of acclerators and the various opportunities available for the students and faculties in the field of entrepreneurship. You had clearly explained the concept of entrepreneurship skills with suitable examples and nurtured the participants to think, innovate and to become a successful entrepreneur. The session would definitely had made the participants acquire necessary knowledge for carrying out entrepreneurial activities and developed the ability of analyse and understand business situations in which entrepreneurs act and master the knowledge necessary to plan as a future entrepreneur.





3. Session on Awareness programme on Intellectual Property Rights(IPR) Under National Intellectual property Awareness Mission(NIPAM)in association with Patent Office, Chennai

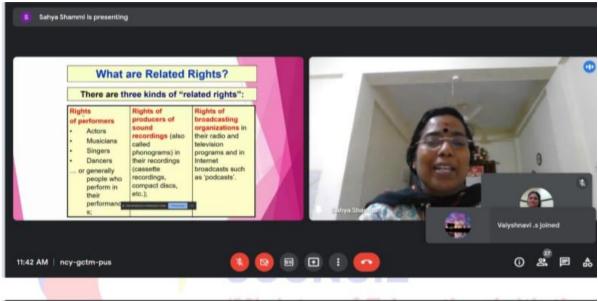
**Resource person:** Prof.Bismi Gopalakrishnan, Dean faculty of Law, MG University & University of Kerala

**Date**: 28 /06/2022

No: of participants: 40

**Objective of the programme:** The overarching goal of this program is to raise awareness about intellectual property rights, empower participants to protect their innovations, and help them understand how IPR can be a valuable tool for economic growth and innovation in India.

**Programme outcome**: Prof.Bismi Gopalakrishnan started the session by explaining the basics of Patents and the procedure for obtaining patent i.e., Patent Search, Patent Draft, Patent filing and cost involved in it. She also emphasised that IPRs are now being used not only as a tool to protect creativity and generate revenue but also to build strategic alliances for socio-economic and technological growth. The main objective of the awareness program was to increase IP filing and thus building a robust IP ecosystem in the campus and to sensitize the clusters about Intellectual Property Right and their protection. She explained about the steps for transforming innovations into proprietary asset and to use IP information, particularly relating to patents and designs, for further research and development in developing new product and process. The session was so informative and made the participants aware of the fact that Intellectual Property (IP) is the fuel that powers the engine of prosperity, fostering invention and innovation.





# 4. MIC Driven Activity for Quarter -4 of IIC 4.0 -Session on Out of the Box Thinking for Problem Solving

Resource person: Prof. V.Kamakoti, Director, IIT Madras

**Date**: 28 /06/2022

No: of participants : 40

**Objective of the programme:** to empower participants with the mindset and tools necessary to think outside the box when confronted with problems and challenges, ultimately leading to more innovative and effective solutions.

**Programme outcome**: The session on out of the box thinking for problem solving was really interesting. The faculty and students of IIC attended the programme. The objectives of the programme was to identify the problem and address it with systematic and Innovative solutions and to enhance thinking skill and to find out the methods and ways for establishing entrepreneurship by applying innovative solutions. The resource person of the session, V.Kamakoti suggested cultivating a different way of thinking for obtaining the solution for a problem. He explained the four levels of the course (free) for "Out of the Box Thinking for problem solving". He gave live examples of Apple – Knife – Stone Theory and suggested to sharpen the brain for innovative He quoted a couplet from "Thirukkural" and explained the thinking. importance of numbers and alphabets in problem solving method. He gave other examples of "Pallaankuzhi" game for mathematics to demonstrate another way of thinking. He also gave various illustrations for thinking differently for problem solving in Mathematics. The participants were able to understand the basic concept of innovation for problem and were able to understand how the innovative thinking helps to solve the problem and also to enhance entrepreneurship in business world.

#### 5. Participation in IIC regional meet & IIC Poster Gallery Space

Date: 06 /08/2022

No: of participants: 3

**Objective of the participation**: To share and gain knowledge about innovation, entrepreneurship, and technological advancements within the IIC network and to present and showcase innovative projects, ideas, and research through the poster gallery, thereby gaining recognition and feedback.

**Programme outcome**: The Innovation Ambassadors of Sree Ayyappa College for Women, Nagercoil Dr,Smitha Nair,Dr.Radha.R and Mrs.Rakhi.B.S

participated in the IIC regional meet held at KMEA Engineering College, Kochi on August6,2022. The Chief guest of Honour of the Inaugural Session of the Regional Meet was Mr. Anoop Ambika, CEO, Kerala Start Up Mission, Kerala. After the inauguration, participating IIC institutions displayed posters highlighting IIC-Institution's achievement and impact. Sree Ayyappa College for Women ,Nagercoil bagged the best creative poster appreciation certificate and memento in the IIC regional meet -2022 held at Kochi on August 6,2022.The Innovations and start-ups from the host institute and other IIC institutions from the city and nearby region/state were demonstrated.Mr.Dipan Sahu, Assistant innovatin Officer, MHRD spoke on the policy Awareness and advocacy Session on I&E Initiatives of MIC & AICTE. The afternoon sessions were divided into four tracks namely Track 1: Knowledge sharing session on Creation and Sustaining an I&E Ecosystem in HEI: Presentation by top performing IIC Institutions and Innovation Ambassadors and Innovators/Startups, Track 2: Knowledge sharing session on Visualising and Developing Action Plan for an I&E Ecosystem in HEI: Presentation by HEIs those have Successfully Adopted and benefitted from NISP and Developed I&E policy, Track 3: Knowledge sharing session on Benchmarking, Measuring I&E Ecosystem in HEI and Impact Creation: Presentation by top ranked HEIs in ARIIA 2021 and benefits of participation in ranking and Track 4: Knowledge sharing session on IP and Technology Transfer: Presentation by experts on IP generation and Technology Transfer. In the Valedictory Session, Best Posters from IIC Institutions and Facilitating Best innovation stalls were recognized and awarded prizes. All the sessions provided knowledge and awareness about the effective working of MIC and IIC and provided to be a brain storming session for the participants.







6. Celebration Activity – Celebration of 75 th Independence day Celebrations - Azadi Ka Amrit Mahotsav

**Date**: 16 /08/2022

No: of participants: 80

Objective of the programme: To promote awareness about India's struggle for independence and the sacrifices made by freedom fighters, encouraging historical knowledge and to celebrate India's rich history and inspire the younger generation to value and contribute to the country's progress and development.

**Programme outcome:** IIC of Sree Ayyappa College for Women celebrated 75 <sup>th</sup> Independence day - Azadi Ka Amrit Mahotsav by conducting poster making competition and essay writing competition for students on August 16,2022 to commemorate the glorious journey of independent India. The theme of the competition was Achievements of India in Innovation and Entrepreneurship since independence. The objective of the competition was to address the feeling of patriotism among the students and it had serve upto the best, around 80 students from all departments of our college has participated in the event with full zeal and love towards the mother land. The students expressed their views and thoughts and this activity kept the student engaged and it was organized to explore and encourage creativity in students and offer them a platform to showcase their skills and it inspired them to think and work creatively in order to promote artistic excellence. The rubrics for judgment were: Originality, Clarity of expression, Uniqueness, Close to the Theme. The top three winners were selected and were given exciting prizes.





# 7. Inauguration of Stitching Unit – Fashion Hub -Start up-joint initiative of faculty and students

**Date :**27-09-2022

Objective of the programme: To encourage entrepreneurial spirit among students, fostering their interest in starting their fashion-related businesses or ventures and to empower students by involving them in the decision-making

and management of the stitching unit, giving them a sense of ownership and responsibility. The overall goal is to create a dynamic ecosystem that supports students' education, skill development, and entrepreneurial aspirations within the fashion industry.

Programme Outcome: Institution Innovation Council of Sree Ayyappa College for Women conceptualized the idea of developing the ecosystem and creating culture of Innovation and Entrepreneurship by establishing Stitching Unit – Fashion Hub -Start-up-joint initiative of faculty and students on 27-09-2022.. With the objective of encouraging students to take up entrepreneurship, the Institute has established an in-house technology incubator, as a part of well-thought-of incubation-cum-entrepreneurial eco-system. This facility is going to be made available to the students and to the faculty of the institute. The Centre was officially inaugurated by Principal, Dr.K.V.Jayashree on27-09-2022.

The objective of starting tailoring unit in our college

- > To develop and enhance the livelihood and quality of life of students and
- > To develop their skills and knowledge and to ensure training and the upliftment of the students
- > To enhance entrepreneurship skill among students.

During the training, students will learn and develop skills in tailoring and embroidery to work on sarees and blouse pieces so that they will live with dignity by earning money themselves to become self-reliant and self-independent.





### 8. Launch of 5G services by Hon'ble Prime Minister of India Shri Narendra Modi-MIC Driven activity

Date:1/10/2022

No: of participants:45

**Objective of the programme:** The launch of 5G services would be a significant milestone in India's digital transformation, with the aim of propelling the nation into a technology-driven future. It will align with the Digital India

campaign, promoting increased internet penetration and access to high-speed connectivity across the country.

Programme outcome:-The students of IIC of Sree Ayyappa College for Women attended the online launch of 5G Services by Honourable Prime minister,Sri Narendra Modi at Pragati Maidan,New Delhi on October 1,2022. During his inaugural talk, he said that 5 G technology will provide seamless coverage, high data rate, low lateracy highly reliable and communications. Sri Modi during his speech said that this is not just India's decade, it is the century of India. He also said that the Government focussed on four pillars, which include the cost of device, digital connectivity, cost of data and the mindset of Digital First. After inauguration, he went around pavilions set up by different telecom operators and technology providers to get a first hand experience of what 5G can do. The students who attended the session understood the importance of 5G technology which will make India a global leader in future.





#### 9. Session/Workshop on Fabric painting

**Date**: 14-10-2022

**Objective of the programme:** The ultimate goal is to inspire and educate participants, whether they are beginners or experienced artists, in the art of fabric painting, fostering a deeper appreciation for creativity and self-expression on fabric surfaces and to empower participants with a potential skill set for starting a small business or selling their painted fabric items.

Outcome-A Fabric Painting cum hand Embroidery training programme was organised by Institution Innovation Council of Sree Ayyappa College for Women on14-10-2022. The training programme provided limitless opportunities for the creative minds which gave hands-on experience to the students to go beyond their horizons to explore and to create something new. The programme was handled by Mrs. Ramani, an expert in fashion designing and handling skill development classes. The workshops encouraged students to develop different interests and skills outside of the curriculum, which would enable them to deal effectively with the demands and challenges of the changing times. There was emphasis on hands on experience and expression of ideas. The students enthusiastically demonstrated their newly learned skills and actively participated in the learning experience. It inculcated in students a sustained motivation to learn, think critically and creatively, and synthesize knowledge beyond the disciplines, resonating the experiential learning approach. The workshop was quite informative and loaded with novel techniques of painting in the field of fashion designing. The students learnt a variety of methods of 'Applique work' using 3-D outliner. The students got an amazing opportunity to explore the unfathomable ocean of creativity. The workshop stirred the students' minds to think of new and easy ways of creating traditional embroidery using contemporary painting techniques. The programme was designed with the objectives to teach various forms of performing art and

craft so as to develop aesthetic values and appreciate the beauty of nature. The cooperation, discipline and punctuality reflected between the students and resource person made this workshop a great success.





10. Five days certificate course workshop on soap and consumer products making cum exhibition

**Resource Persons**: Dr.Jacob Pullikan , Director ,Gandhi Centre for Rural Development ,TVM

**Date:** October 17-21,2022.

No: of participants :150

Objective of the programme: The overall goal is to provide participants with the knowledge and skills to enter the soap and consumer product market, whether for personal use, entrepreneurship, or job opportunities, while promoting quality, sustainability, and innovation in the industry.

**Programme outcome**: The resource person of the workshop, Dr.JacobPullikan , Director ,Gandhi Centre for Rural Development ,TVM gave valuable insights which is viable about Swadeshi Movement alternative Globalisation. The practical demonstration classes were given to the students about manufacturing of Swadeshi soap, which is identified as the symbol of Swadeshi movement by the GCRD. The handmade soaps popularised by GCRD is 100% natural, 100% vegetarian, 100% coconut oil based, 100% glycerin retained, 100% non-allergic and skin friendly. The second day workshop commenced with the dividing of students into various groups and making the students to do the soap manufacturing individually. From third day onwards, intense practical training were given to the students about making of Toilet Soap, Washing Soap, Detergent Powder, Dish wash Powder and Cleaning Lotion many more products. The main objective of the workshop was to give the student participants a three-tier experience, first with the theoretical background of making the product, then the practical application of this knowledge to improve product quality and finally a chance to market and sell the product to help build their confidence."During the third day of the workshop, Dr. Jacob Pullikan gave an awareness programme to all the faculty members about the valuable health tips to be followed to lead a healthy life style. During the fourth and fifth day of the workshop, intense training were

given to the student participants about manufacturing soap powder, dish wash powder and many more products. A five day exhibition was also organised in the college premises and various home-made products like natural soap, cleaning lotion, washing soap, detergent powder, hand wash and edible and natural food items were also put up for sale as part of the workshop. Around 150 participants were benefited from this workshop. The initiative was undertaken by the IIC of our college with a focus to improve the skills of women in the society thereby increasing the number of women entrepreneurs. It serves as a potential drive in building the entrepreneurial qualities among the younger generation and transforming the status of people by exploiting the opportunities, new technology and various innovative schemes introduced by the Government of India by offering various training programs including the manufacturing of eco-friendly products, with a notion to make themself-employed and elevate the economy of the nation.







11. Session on My story: Motivational session by Successful Innovator

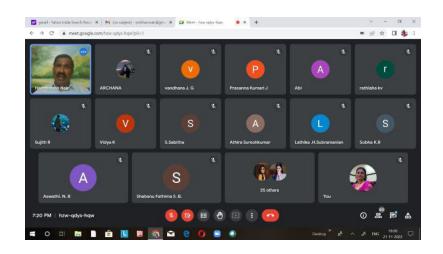
**Resource Person-** Padmasri Dr.J.Hareendran Nair, Founder and Managing Director, Pankajakasturi Group

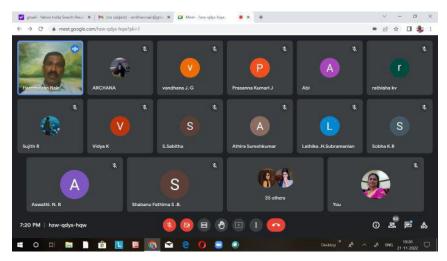
**Date**: 21/11/2022

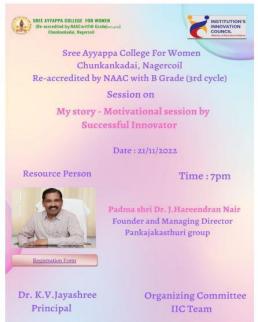
No: of participants: 45

**Objective of the programme**: The "My Story" motivational session aims to empower and guide participants, helping them realize their potential and pursue their dreams with confidence and determination.

**Programme outcome**: The motivational session on my story by successful innovator proved that the resource person, Padmasri Dr. J. Hareendran Nair had unlocked the troves of Ayurveda - realised its astounding power of healing and then imbibed its wisdom to prevent imbalance of the body. But for this great visionary, his knowledge and discoveries in Ayurveda were something the world should benefit and know about as early as possible. So he went out with his research to that one place where most dared not to – the market!!That is how Pankajakasthuri, one of the leading pharmaceutical company in Ayurveda was born in 1988. His untiring efforts, dedication and commitment paved the way for Pankajakasthuri's exponential growth from a small makeshift development centre and clinic to one of Kerala's largest pharmaceutical corporate. He elaborated on the requirements of a successful enterprise and focused on quality of the product and/or service rendered by the entrepreneur which is a prerequisite for being successful. The guest speaker shared his own experiences and revealed his success and failure stories during his journey. He also pointed out that passion, creativity, dedication and determination is the key to any startup.He encouraged the students by motivating them to pursue their skills and explore their talents. He also answered several questions raised by the students as well as faculty members present The webinar has truly motivated all the participants and had rendered true spirit and instilled interest in all the participants.







12. Session My Motivational Successful on story: session by

**Entrepreneur/Start up Founder** 

Resource Person- Dr.D.Sureshkumar, Chairman, Viswa Maha Gurukulam

**Date**: 28/11/2022

**Number of Participants: 65** 

Objective of the programme: The "My Story" motivational session by a

successful entrepreneur or start-up founder aims to empower and guide

participants, helping them embark on their own entrepreneurial journeys with

confidence and determination. It also inspire and motivate the audience by

sharing the personal journey, challenges, and achievements of the successful

entrepreneur or start-up founder.

**Programme outcome:** 

Institution's Innovation Council of Sree Ayyappa College

Women, Chunkankadai organized "My Story - Motivational Session by

Successful Entrepreneur/ Start-up founder" on 28/11/2022. Dr. D. Suresh

kumar, Chairman of Viswa Maha Gurukulam, Kerala shared his views online

on the above said topic based on his life experience. The session was very

inspiring and informative. The speaker started the explanation with how to start

a start-up and the difficulties faced by him in the beginning of his venture. He

explained about various structures available in India both registered and

unregistered firms and when to incorporate it. He pinpointed various deciding

factors of a start-up, why to incorporate various factors in a business based on

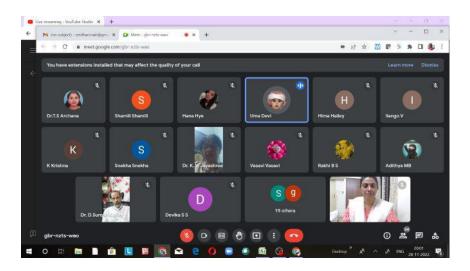
his experience. He explained various steps to incorporate while developing ones

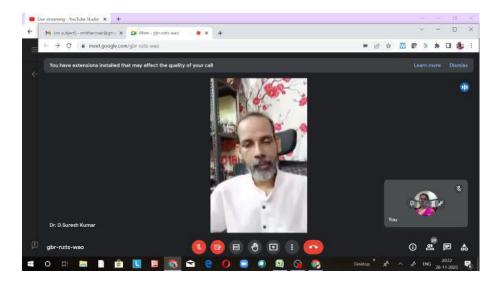
career.

He concluded his talk by telling about various legal sections he faced and

agreements which he made with various companies and awards achieved and

how he was brought to the current position. The participants were enriched by the ideas regarding the negative and positive side's of starting a start-up. This session was highly enriched with the experiences shared by the speaker which might create a gist among the participants.





### 13. Session on Start up and Entrepreneurship Fundamentals

**Resource Person-** Mr.Kunnwar Vijay Parmar, Founder, Skilleit –Ed-Tech Start up

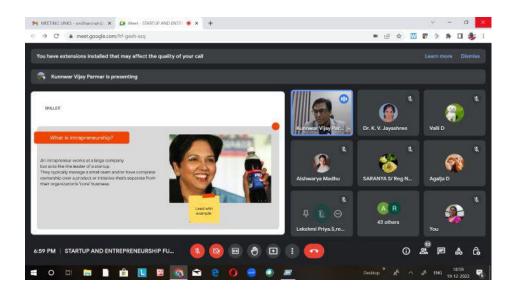
**Date**: 19/12/2022

No: of participants: 45

Objective of the programme: To instill an entrepreneurial mindset, encouraging participants to think creatively, take calculated risks, and pursue their business ideas and to equip participants with the knowledge and skills needed to embark on entrepreneurial ventures and increase their chances of startup success.

Programme outcome - The resource person,Mr.Kunnwar Vijay Parmar explained about his educational start-up, Skilleit which he had started with a vision to revolutionize the entrepreneurship education experience by inculcating interesting and fun game-based interactive learning. He explained that we should test our ideas to find possibility and that an entrepreneurial mind set should be Atma-Nirbhar and Atma- Prerit.He explained the start-up and entrepreneurial fundamentals clearly to students. He further pointed out that a start-up is a temporary organisation designed to search for a repeatable and scalable business model. The session was very interesting and motivated students to think of starting a business.





#### 14. Session on Techniques for Idea Generation

Resource Person- Kunnwra Vijay Parmar, Founder, Skilleit -Ed-Tech Start up

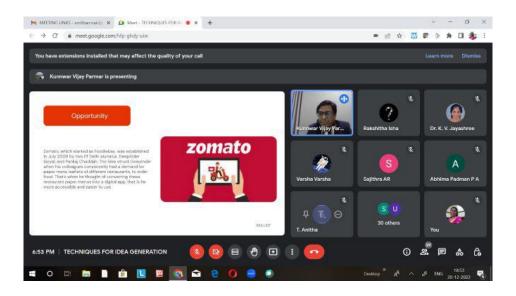
**Date**: 20/12/2022

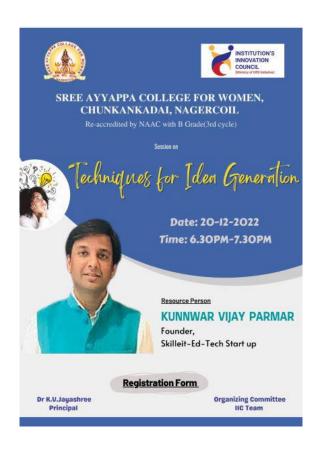
No: of participants :35

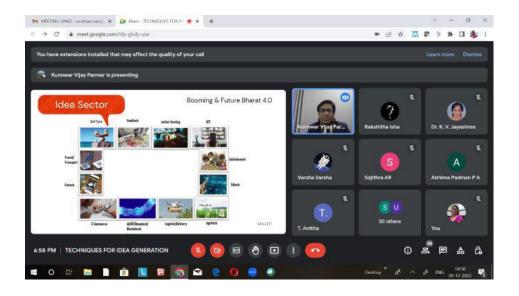
Objective of the programme: The goal of the session is to empower participants with the ability to generate innovative and practical ideas that can be applied to solve problems, drive innovation, and achieve their goals. It also encourage participants to think creatively and explore innovative solutions to problems and opportunities.

**Programme outcome** – The session on techniques for Idea generation encouraged students to think of the various problems faced by society. He clearly pointed out that we should look out for problems togenerate idea and spoke about generating ideas that would be viable as businesses and encouraged students to think about uniqueness, feasibility and competition as well. The resource person gave a clear idea about the different idea sectors like self-care, food-tech, online gaming, OTT, edutainment, ed-tech, agri-tech ,logistic/delivery, block chain, e-commerce, fin-tech and travel/transport. It was

a great learning experience for students and the students received a valuable insight as to how to think and generate ideas for startups.







#### **15. Session on** Need For Innovation And Entrepreneurship –A Perspective

**Resource Person-** Ms. Sreedevi Devireddy, Vice President, Start up Ecosystem, Xelpmoc Design and Tech Ltd, Founding CEO, SR Innovation Exchange, Hyderabad, Telangana.

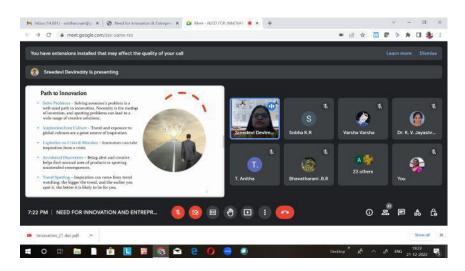
**Date**: 21/12/2022

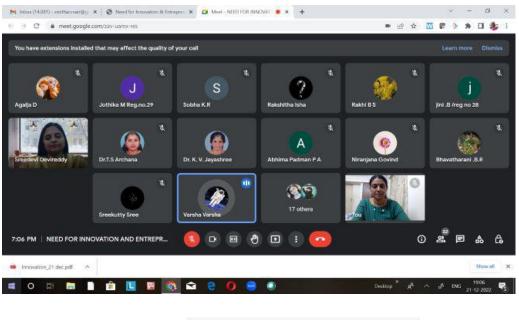
No: of participants :45

**Objective of the programme:** To motivate participants to explore innovative ideas, take calculated risks, and embark on entrepreneurial journeys that contribute to personal and societal progress.

Programme outcome - The Institution Innovation Council of Sree Ayyappa College for Women organised a webinar on Need for innovation and entrepreneurship –a perspective on December 21,2022. The resource person was Ms. Sreedevi Devireddy, Vice President, Start up Ecosystem, Xelpmoc Design and Tech Ltd, Founding CEO, SR Innovation Exchange, Hyderabad, Telangana. The resource person ,Ms. Sreedevi Devireddy who is very passionate about Entrepreneurship has emphasised that Innovation and Entrepreneurial mind set

of the youth will be instrumental in making India an Innovation Capital. She had clearly explained the concept of entrepreneurship skills with suitable examples and nurtured the participants to think, innovate and to become a successful entrepreneur. She clearly explained the various paths to innovation like solving problems, inspiration from culture, capitalising on crisis and mistakes, accidental discoveries and trend spotting. She cited example of successful student innovators and called upon the participating students to develop their innovative ideas as viable entrepreneurial ventures and approach the related incubation centres. The session was really informative and would definitely have made the participants acquire necessary knowledge for carrying out entrepreneurial activities and developed the ability of analyse and understand business situations in which entrepreneurs act and master the knowledge necessary to plan as a future entrepreneur. She concluded the session by quoting the thoughtful words of Dr. Albert Szent –Gyorgyi that "Innovation is seeing what everybody has seen and thinking what nobody has thought".







### 16. Session on Techniques for Validating Ideas

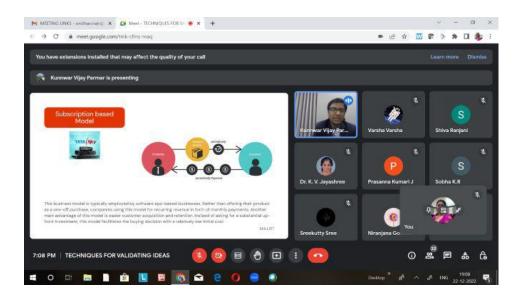
Resource Person- Kunnwra Vijay Parmar, Founder, Skilleit –Ed-Tech Start up

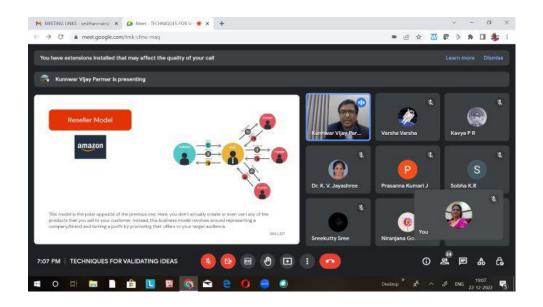
**Date**: 22/12/2022

No: of participants :25

**Objective of the programme :** To introduce participants to the concept of creating prototypes or minimum viable products (MVPs) to test and validate their ideas.

The resource person commenced his lecture by Programme outcome defining about idea validation that idea validation is the process of gathering evidence around ideas through experimentation to make fast, informed and derisked decisions. It is a process that starts from an idea and typically ends with a paying customer. The purpose of idea validation is to expose the idea to the practicality of the real world before you build and release the final product .He explained about the four steps of idea validation like defining goals, developing a hypothesis, experimenting and validation. He elaborated the idea validation by citing the example of Air BNB ,the biggest hotel company in the world which has progressively developed from a lean start up to a global brand. He also emphasised on the four parameters of validation such as monetization, product market fit, innovation and scalability. He further explained about the types of business model and the steps to be followed to choose a business model. The session was very informative and the participants gained essential knowledge to validate an idea to transform it to a business.





# 17 .Session on An Entrepreneur-A leader, an Innovator and a Change Maker-3 in 1

Resource Person- K.S. Raju Nair, HR Leader, mentor ,CorporateTrainer,Coach,

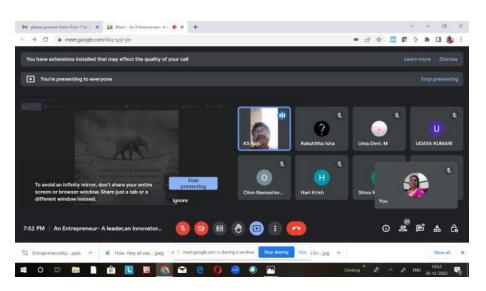
**Date**: 30-12-2022

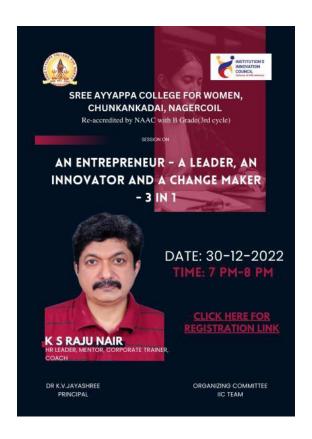
No: of participants :40

Ojective of the programme: The program aims to offer a holistic understanding of how these three roles - entrepreneur, leader, innovator, and change maker - intersect and complement each other, ultimately inspiring participants to become well-rounded contributors to society and business.

Programme outcome - The Institution Innovation Council of SreeAyyappa College for Women organised a webinar on An Entrepreneur-A leader, an Innovator and a Change Maker-3 in 1 on December 30,2022. The resource person was Mr.K.S. Raju Nair, HR Leader, mentor, Corporate Trainer, Coach and Independent Consultant at Global Resources Consulting (GRC)... The resource person, Mr.Raju Nair explained about the term businessman as an individual who operates or starts a business with the same old business idea and emphasised why entrepreneurs are innovators. He clearly pointed out that

entrepreneurs are change makers who actively lead their own business and cultivates and offer new ideas for the economic growth and prosperity . Moreover, entrepreneurs have the capability to learn from their failure and they will take personal initiative to make innovation and improvement to procure business opportunities. He shared the twelve valuable tips to become a successful entrepreneur and he briefed about some defining words as innovation, entrepreneurship and gave a clear demarcation of them. Further he added that entrepreneurship is the ability and readiness to develop, organize and run a business enterprise, along with any of its uncertainties in order to make a profit. The session was really informative and he concluded the session by quoting the words of Emerson as "Unless you try to do something beyond what you had already mastered, you will never grow" and advised the students to reskill themself constantly to grow personally and professionally and emphasised on planning ahead as well as setting goals for future.





# 18.Session —Online workshop on Intellectual Property rights (IPR)and Patents and Design Filing

**Resource Person-** Mrs.Pooja Vishal Maulikar, Examiner of Patents and Designs, RPNIIPM, Nagpur

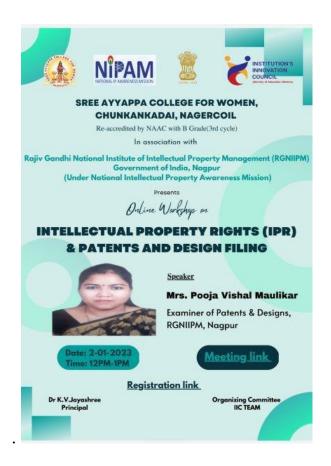
**Date**: 2-1-2023

No: of participants :50

Objective of the programme: To raise awareness about the importance of IPR in fostering innovation, incentivizing research and development, and protecting intellectual assets and to empower participants with a thorough understanding of IPR, patents, and design rights, enabling them to protect their intellectual creations and make informed decisions in the realm of innovation and business.

**Programme outcome**— Institution's Innovation Council of SreeAyyappa College for Women in association with Rajiv Gandhi National Institute of

Intellectual Property Management (RGNIIPM), Govt. of India, Nagpur organized 'Online Workshop On Intellectual Property Rights (IPR) & Patents and Design Filing on January 2,2023 under National Intellectual Property awareness mission. Mrs.Pooja Maulikar, Examiner Patents & Designs (RGNIIPM) acted as resource person. Mrs.Pooja Maulikar in her talk highlighted the significance of IPR like patents, copyrights, trademarks, etc. She started her lecture with background of Intellectual Property, tangible and intangible properties, utilizing the published patent specifications, transferring invention as public property after expiry of term or cessation of patent, providing reward as exclusive right disclosure, etc. She also discussed the trademark and brand mark, Geographical indication, product of mind intellectual property, etc. She explained the detailed case study of filing and granting the patent application. She also elaborated the forms to be used for filing the patent application. She apprised the students about various types of IP's viz Patents, Tradeworks and copyrights. The awareness programme was very informative and the resource person made the students aware regarding value of IP designs and patenting in their career and how they can patent their innovations and designs





### 19. Orientation Session on IIC5.0 (2022-23)

**Resource Person-** Mr.Dipan Kumar Sahu, Assistant Innovation Director, MoE's Innovation Cell

**Date**:11-1-2023

No: of participants:20

Objective of the programme: To introduce participants to the concept,

purpose, and goals of IIC 5.0 as a platform for innovation and entrepreneurship

within the institution and to promote the development of an innovation culture

and mindset within the institution, fostering a spirit of creativity and

entrepreneurship.

**Programme outcome** - The faculty and student members of SreeAyyappa

College for Women attended the Orientation Session on IIC 5.0 organized by

Innovation Cell of Ministry of Education (MoE) Government of India on 11th

January, 2023 in an online mode. Mr.Dipan Kumar Sahu, Assistant Innovation

Director, MoE Innovation Cell addressed the participants. In this orientation

session, he talked about the major focus of IIC to create a vibrant local

innovation ecosystem, Start-up supporting mechanism in the Institute and to

prepare the institute for the Atal Ranking of institutions on innovation

achievements framework and to establish a functional ecosystem for scouting

ideas and pre-incubation of ideas and helps to develop better cognitive ability

among students. Mr Dipan shared his valuable insights on how to conduct

various Innovation, IPR and entrepreneurship-related activities like Hackathons,

idea competitions, mini-challenges etc., with the involvement of industries

prescribed by MIC in time bound fashion. He presented various updates on IIC

5.0 portal, YUKTI Innovation Challenge, KAPILA, National Innovation Startup

Policyetc which will enable the IIC institutes to participate in competitions

which enable them to reach scaling heights.

20. National Youth Day Celebration-2023-Awareness Programme on

**Homeopathy for Youth** 

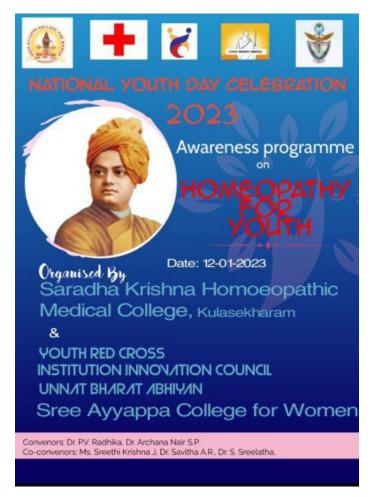
**Date**:12-1-2023

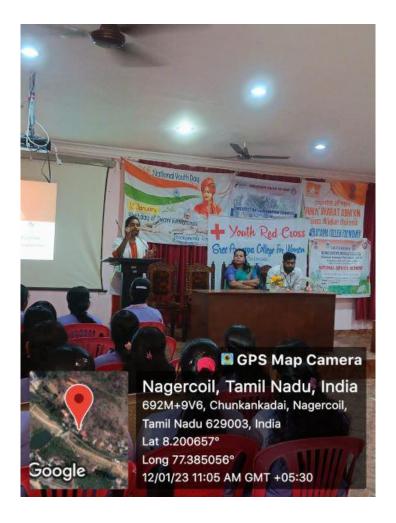
No: of participants:100

Objective of the programme: To educate and inform young people about the principles, benefits, and applications of homeopathy as a complementary and alternative system of medicine and to empower young people with knowledge and awareness about homeopathy, enabling them to make informed decisions about their health and well-being. The program aims to provide the youth with insights into homeopathy, encouraging them to consider it as a viable option for healthcare and wellness, while promoting informed choices in their health-related decisions.

Programme outcome- The Youth Red Cross, Institution Innovation Council and Unnat Bharath Abhiyan of Sree Ayyappa College for Women in Collaboration with Saradha Krishna Homeopathic Medical Kulasekaram organised an awareness Programme on Homeopathy for Youth as a part of National Youth Day Celebration on 12-1-2023. The doctors explained that Homeopathy is a system of alternative medicine that uses small, highly diluted doses of natural substances to trigger the body's own healing abilities. The doctors provided details on various healthcare issues and benefits provided among the number of beneficiaries by way of medicines and boosting immunity was provided on the occasion. They also treated the patients with holistic healing remedies of Homeopathy and gave advice to patients for preventive, conservative approach. A college medical team consisting of medical officers, PG scholars and interns were deputed to give an awareness on homeopathy. They conduct necessary medical check-up and dispense free medicines. Follow up camps were also made according to necessity under direction to take continuous treatment from the Collegiate Hospital. Pamphlets /leaflets /brochures related to public health, homeopathy and collegiate hospital etc.were also distributed in the awareness programme.







### 21. Session on achieving problem-solution fit and product-market fit

**Date** :21-1-2023

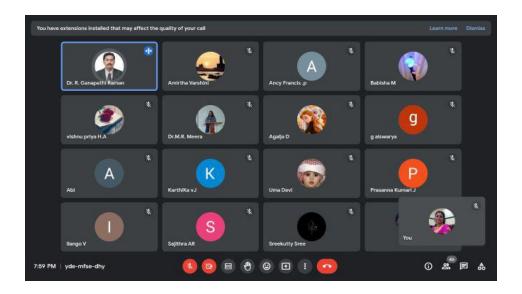
**Resource Person**: Dr.R.Ganapathi Raman, Associate Professor, Department of Physics, Saveetha Engineering College, Chennai.

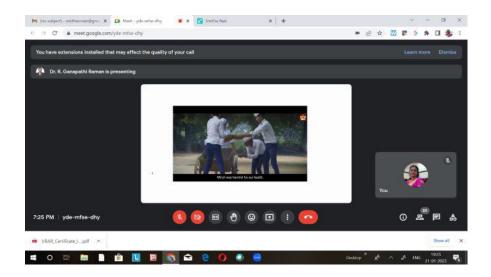
No: of participants: 60

**Objective of the programme**: To empower participants with the knowledge and strategies required to increase the chances of entrepreneurial success by achieving both problem-solution fit and product-market fit.

**Programme outcome-** The Institution Innovation Council of SreeAyyappa College for Women organised an online session on achieving problem-solution

fit and product-market fit on 21-1-2023. The main objective of the program was to identify the importance of developing new, original or unexpected solutions with the primary purpose of being able to put themselves in the shoes of customers and developing a better understanding of customer needs. The webinar aimed to build entrepreneurship skills in students. inspired the participants by highlighting various examples of companies that failed due to ignoring the concept Problem-Solution Fit & Product-Market Fit. The resourceperson, Dr. R. Ganapathi Raman described the meaning of the solution fit product as solution to a problem with customer specific approach not as money making approach, He illustrated, that the first stem is identifying the problem and then the customer should be identified which may have usual buying behaviour not willing to change the buying approach or new buying behaviour, willing to try new products and sometimes the usual consumers are forced to adopt to the new solutions. He suggested that adopting segregation at each step, for example at identification of problem, action plans, and solutions would help the entrepreneur to develop a market fit product. He summarised that a problem-solution fit and product-market fit are essential for a start-up to be successful. Without it, a start-up will not be able to achieve product-market fit & acquire customers or scale. He added that by understanding the needs of the customers and what solutions to be offered, an entrepreneur can position himself for success in today's competitive marketplace. The webinar was very informative and provided many valuable inputs for the students to develop into future entrepreneurs.





### 22. Session on entrepreneurship skill, attitude and behaviour development

**Date** :23-1-2023

**Resource Person**: Mr. Antony Stephen, Assistant Professor and Head, Department of Social Entrepreneurship, Madras School of Social Work, Chennai.

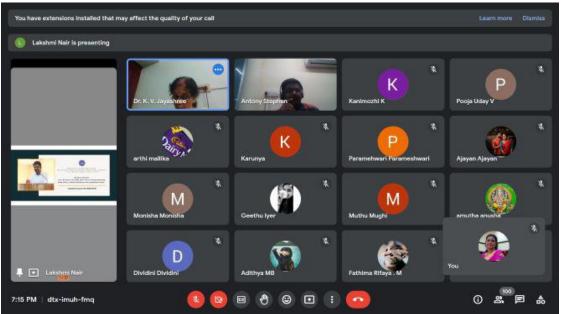
No: of participants:100

**Objective of the programme:** To help participants set clear entrepreneurial goals and create a roadmap to achieve them and to equip participants with problem-solving skills, as entrepreneurship often involves overcoming obstacles

and challenges. The session's goal is to empower individuals with the knowledge, skills, attitudes, and behaviors that are fundamental to successful entrepreneurship, while encouraging them to embark on entrepreneurial journeys with confidence and a growth-oriented mindset.

**Programme outcome-** The Institution Innovation Council and PG Department of Commerce ,Sree Ayyappa College for Women jointly organised an online session on entrepreneurship skill, attitude and behaviour development on 23-01-2023. The objectives of the webinar were to impart the importance of innovation and idea generation and to develop out of the box thinking among students. The webinar aimed to spark the entrepreneurial spirit in the budding innovators by guiding them on how to convert their innovative ideas and emerge as successful Entrepreneurs. The resource person enlightened the students with immense knowledge on entrepreneurship by sharing his experiences and highlighting varied skills and competencies required to be a successful entrepreneur. The speaker also threw light on how attitude and behaviour of a person affect their entrepreneurial development. The webinar helped students in gaining knowledge about crucial entrepreneurial skills and to develop their skills, competencies and behaviour to successfully select and start their own entrepreneurial venture. Students also learnt the importance of knowing self and others as a first step to develop required skills and competencies which are essential for being an entrepreneur





### 23. Session on Design Thinking and Innovation

**Date** :27-1-2023

**Resource Person**: Dr.Sheeba Daniel, IIC Convenor & Innovation Ambassador, Assistant Professor of Chemistry, Holy Cross College, Nagercoil

No: of participants:65

Objective of the programme: To provide actionable insights and tools for integrating design thinking into various projects, products, and processes and to

equip participants with practical skills and strategies for applying design thinking and innovation in their work, whether in product development, service design, or other areas. The session aims to empower individuals with the knowledge and tools necessary to apply design thinking principles to drive innovation, solve complex problems, and create products or services that better meet the needs of users and customers.

Programme outcome-The Institution Innovation Council ofSreeAyyappa College for Women organised an offline session on Design Thinking and Innovation on 27-01-2023.Dr.Sheeba Daniel, IIC Convenor & Innovation Ambassador, Assistant Professor of Chemistry, Holy Cross College, Nagercoil was the resource person. The session dealt with design thinking and the characteristics of a design mindset from outcome oriented process to a thinking oriented process that involve problem solving skill. She explained that Design thinking is transformation of an idea to a solution that positively impacts the society. This systematic series includes observing and identifying the problem, empathizing, defining problem, ideation, selection of ideas, building a prototype, receiving feedback, improving and implementing whereas Innovation includes problem identification, developing ideas and solutions and reaching the society. She further explained the types of innovations and quoted a few examples of current and recent Indian innovations were mentioned, explaining how sustainable mode of innovation is now being recognized all over as frugal innovation. She stressed for initiating activities in the future to motivate the students to develop the culture of innovation, startups and entrepreneurship. The webinar enabled the participants to understand that Design thinking provides a structured process that helps innovators break free of counterproductive tendencies that thwart innovation.







Date: 27/01/2023 Time: 2.30 PM Venue: Seminar Hall



### Design Thinking and Innovation

Dr. Sheeba Daniel IIC Convener (Innovation Ambassador) Assistant Professor of Chemistry Holy Cross College (Autonomous), Nagercoil

Principal Dr.K.V.Jayashree Organising committee
IIC TEAM & Electoral Literacy Club





24. Session on Turning Opportunity into Employment as part of National

**Start Up Day Celebration** 

**Date**:28-1-2023

Resource Person: Mrs. Sunanda Nadarajan, Founder ,Ek Jeevan Hamari

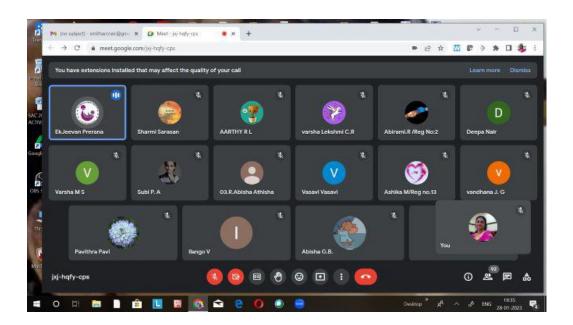
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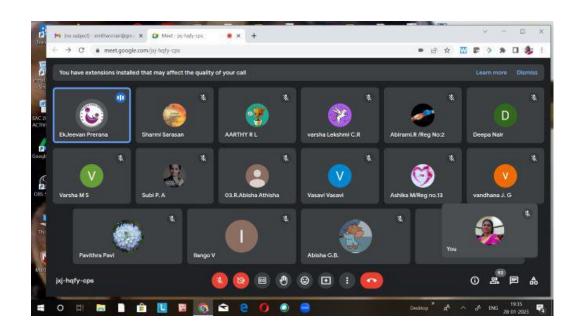
No: of participants: 100

Objective of the programme: To educate participants on the principles of entrepreneurship and how identifying opportunities can lead to job creation and to encourage participants to brainstorm and develop business ideas that align with their skills and the identified opportunities. The session's goal is to empower participants to leverage opportunities, start businesses, and create employment opportunities, contributing to economic development and fostering a culture of entrepreneurship.

**Programme outcome-** The Institution Innovation Council of Sree Ayyappa College for Women in collaboration with ICT committee organised an online session on Turning Opportunity into Employment as part of National Start Up Celebration 28-01-Day on 2023.Mrs.SunandaNadarajan,Founder,EkJeevanHamariPrerana the was resource person. She spoke about her organisation, Ek Jeevan Hamari Prerana which aims to empower women through livelihood. The resource person stressed that the organisation made sincere efforts to reach every marginalized woman in slum areas of Delhi, where women can earn a regular and minimum income through our livelihood efforts. The mission of the organisation is to provide services and assistance to support people in rural and urban areas for improving their lives, in the areas of social support, fundamental rights, psychological, economic, education, employment, health, nutrition, disability,

gender, environment, water and sanitation, good governance. She shared her experience of working with HIV patients and helped them to make notebooks, paper envelopes, recycling towels to Diya, indoor plant pots with balloons, coaster painting, tassel making etc. She said that her dream and aim is to make each woman financially independent and also support them to lead each and every role in the area of entrepreneurship. The webinar was extremely motivational to the participants to develop a positive mindset to become young entrepreneurs.







25. Session–MIC's Leadership Talk with ChairmanAICTE,Prof.T.G.Sitharam

**Date** :30-1-2023

No: of participants:15

Objective of the programme: To encourage the development of leadership

skills and qualities in the audience, promoting leadership excellence and to

promote thought leadership and innovative thinking in education and related

sectors. The session aims to provide a platform for thought-provoking

discussions, knowledge sharing, and inspiration, with the ultimate goal of

promoting leadership and innovation in the field of education and technology.

Programme outcome-The faculty and students of the Institution Innovation

Council of Sree Ayyappa College for Women attended the MIC Leadership

Talk on "India First - Leadership Talk Series" session with Chairman AICTE,

Prof. T. G. Sitharam on 30th January, 2023. Dr. AbhayJere, Chief Innovation

Officer, MIC invited Prof. T. G. Sitharam for discussion and congratulated him

for taking over as New Chairman of AICTE.Prof. Sitharam explained the

various facets of leadership and the important attributes required by aspiring

leaders. He emphasised that research is very critical for the success of our higher

education system as well as the country's growth. So he stressed the need to

focus on research and innovation which in turn will lead to products technology

problem solutions for our country. It was an amazing session and the

participants who attended the discussion understood the importance of research

and innovation for fulfilling Prime Minister's clarion call to become India a

developed country by 2047.

26. Session on Green House Effect and Global warming as part of National

**Pollution Control day Celebration** 

**Date**:31-1-2023

**Resource Person**: Dr.Prince.P.R,Assistant Professor of Physics, University College,Trivandrum

No: of participants:50

Objective of the programme: To inspire participants to become advocates for climate action and pollution control in their communities and to promote a sense of environmental stewardship and the importance of protecting the planet for future generations. The session's goal is to provide knowledge, awareness, and actionable steps for individuals and communities to contribute to pollution control and efforts to combat global warming, ultimately supporting a more sustainable and environmentally responsible future.

Programme outcome-The Institution Innovation Council of SreeAyyappa College for Women in collaboration with Department of Chemistry organised a Session on Green House Effect and Global warming as part of National Pollution day Celebration on 31-1-2023. Dr.Prince.P.R, Assistant Professor of Physics, University College, Trivandrum was the resource person. The resource person explained the need for keeping the environment clean and green. He highlighted the effects of deforestation, depleting the non renewable sources etc., He stated that the climate change, green-house emissions, ozone layer depletion and global warming are the need for green technology. The speaker explained in detail about the green house effect and the gases responsible for the green house effect. Global warming was referred as the average increase in the earth's temperature which in turn changes the climate. The speaker then gave a note on the ozone layer, the earth's sunscreen which absorbs about 98% of the UV radiation. He explained that reducing pollution, consumption and waste, conserving resources and energy, protecting the earth's ecological balance are the basic principles of going green. The speaker gave a note on the three R's (reduce, reuse and recycle). Finally the session ended with a discussion

regarding the initiatives to make the campus green. The session was interactive and interesting. The speaker gave some valuable suggestions to make a green campus like energy conservation, planting trees, avoiding plastics inside the campus, effective consumption of water, reducing the usage of paper etc.







### 27. Session on Entrepreneurship Development

Date: 01-02-2023

**Resource Person**: Dr.R.Radha, Start up Co-ordinator and Innovation Ambassador, Assistant Professor of Zoology, SreeAyyappa College for Women, Nagercoil

No: of participants: 55

Objective of the programme: To inspire individuals to consider entrepreneurship as a career option and explore their own business ideas and to guide participants in the development of business plans and strategies to turn their ideas into viable enterprises. The session aims to empower participants with the knowledge, skills, and motivation needed to pursue entrepreneurial ventures, fostering a culture of innovation and economic development.

Programme outcome-The Institution Innovation Council ofSreeAyyappa College for Women organised an orientation session about entrepreneurship by innovation ambassador on 1-2-2023.Dr.R.Radha, Start up Co-ordinator and Innovation Ambassador, Assistant Professor of Zoology, Sree Ayyappa College for Women, Nagercoil was the resource person. The objective of the session was to make students understand how innovation ambassadors will contribute to the entrepreneurial ecosystem of the university and how to encourage students to come with innovative business ideas for their entrepreneurial development.In the Session, Speaker made listeners aware about IIC and Role of IIC's Innovation ambassador. The speaker explained inventions and Innovation, The process of Innovation. She shared the steps of build innovative ecosystem. She clearly explained about the leading entrepreneurs of India and their success journey into business. The Target group for this session were students and at the end of the session, the students acquired knowledge about Invention and Innovation and understood that the innovation and start-ups are very important for the country's growth and development.







## .28. Session on Energy Conservation and Depleting Conventional energy Sources

Date: 02-02-2023

Resource Person: Mr.A.Neelambaran, Journalist, Newsclick, New Delhi

&District Joint Secretary, Tamilnadu Science Forum

No: of participants:67

Objective of the programme: To educate participants about the importance of energy conservation and the challenges posed by the depletion of conventional energy sources and to promote a culture of sustainability, emphasizing the importance of preserving energy resources for future generations. The session aims to empower participants with knowledge and actionable steps to contribute

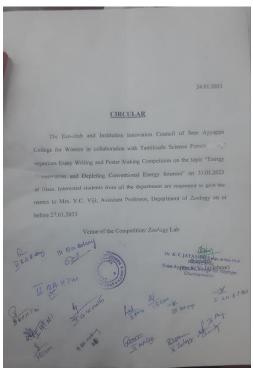
to energy conservation and the shift toward sustainable and renewable energy sources, ultimately addressing the challenges associated with depleting conventional energy sources.

Programme outcome-The Institution Innovation Council of Sree Ayyappa College for Women in collaboration with Eco club and Tamilnadu Science Forum organised a Session on Energy Conservation and Depleting Conventional energy Sources on 2-2-2023.Mr.A.Neelambaran, Journalist, News click, New Delhi & District Joint Secretary, Tamilnadu Science Forum was the resource person. The resource person in his address apprised that all conventional forms of energy are fast depleting. He stated that every day population across the world uses energy for leading a civilized life. He pointed out that these resources are the critical input of human development which comprises providing adequate food, shelter, drinking water, sanitation, medication, schooling, transportation, industrial applications, access to information etc.He continued to highlight the need for Energy in day-to-day life, the growth in this demand, the issues facing the generation of energy, the fast depletion of finite reserve of fossil fuels & natural gas and other impacts on the environment that cause climate change. He ended the session by inculcating in the minds of every people in the country as well as all over world to make a habit for less use of energy by avoiding unnecessary use of energy and stressed on maximum use of renewable energy instead of non-renewable energy. The session was very useful and interesting to the participants and made them to emphasize upon the urgent need for judicious use of energy and conserving it as a most precious commodity.









# 29.Interactive Podcast Session on Architecturing Entrepreneurial Ecosystem in HEIs

**Date**:03-02-2023

**Resource Person**: Sri.DipanSahu,Assistant Innovation Director,MoE's Innovation Cell,Govt of India

No: of participants:25

Objective of the programme: To educate the audience about the concept of entrepreneurial ecosystems within higher education institutions and their significance and to provide a roadmap for systematically implementing and maintaining entrepreneurial ecosystems within HEIs. The session's goal is to empower participants, including educators, students, and policymakers, with the knowledge and strategies required to create thriving entrepreneurial ecosystems within higher education institutions, fostering innovation, entrepreneurship, and economic development.

**Programme outcome-**The faculty and students of the Institution Innovation Council of Sree Ayyappa College for Women attended the Interactive Podcast Architecturing Entrepreneurial Session on Ecosystem in HEIs Sri.DipanSahu, Assistant Innovation Director, MoE's Innovation Cell, Govt of India on 03-02-2023. He commenced his podcast session by stating that we are marching towards a third largest economy in the world and a five trillion economy by 2026. It is a requirement for our country and all educational institutions to be more qualitative and also our educational institutions more entrepreneurial and innovative. So the faculty members and students has to inculcate an entrepreneurial attitude, skill and mind set to pursue innovation and entrepreneurship. Mr.DipanSahu interacted with the participants and cleared all the queries of the participants. He summarised the session by stating that Innovation Cell of Ministry of Education will be bringing a series of podcasts with many experts who will be sharing their views to interact with the participants to broaden their horizon and understanding innovation and

entrepreneurship and IP domain and how educational institutions can bring great changes in economic and social advancements of our country.







### 30. Session on Skill Development program on Medical Coding

**Date**:03-02-2023

Resource Person: Dr.Jenisha, Transorze Solution, Nagercoil

No: of participants:65

Objective of the programme: To provide participants with practical skills and knowledge related to medical coding, including understanding medical terminology, anatomy, and coding guidelines and to encourage participants to continue their education and professional development in the field of medical coding to stay current with evolving practices and regulations. The session aims to equip participants with the skills and knowledge required to pursue a career in medical coding and contribute to the healthcare industry by ensuring accurate and efficient coding of medical records.

**Programme outcome-**The Institution Innovation Council of Sree Ayyappa College for Women in collaboration with Library Committee organised a Session on Skill Development program on Medical Coding on 3-2-2023.Dr.Jenisha,TransorzeSolution,Nagercoil was the resource person. The

resource person gave a clear cut awareness about medical coding and told that this course will help students convert healthcare diagnosis, procedures, medical services, and equipment into universal medical alphanumeric codes. The diagnoses and procedure codes are taken from medical record documentation, such as a transcription of physician's notes, laboratory and radiologic results, etc. She also emphasised that Medical coding is the process of translating diagnoses, procedures and supply information from patient records into universal medical codes, which are used by billers to submit claims. Medical coders must be knowledgeable in medical terminology and anatomy to code procedures and diagnoses accurately. They should also understand billing practices and follow the appropriate guidelines so they can effectively collaborate with medical billers. She also said that Medical coding is highly in demand- Graduates opting to study this vocation stand a big chance of landing into a good job in a reputed company. Furthermore, individuals choosing this career will experience faster growth as the integration of technology and data is increasing in the healthcare industry. She summarised the talk by pointing that Medical coding as a career can truly be a lucrative option in the healthcare sector. At the end of the session, aptitude test was conducted to test the IQ of students. The session was interesting and productive and participants really enjoyed the session.







### 31. Session on Entrepreneurship and Innovation as Career Opportunity

**Date**:09-02-2023

**Resource Person**: Prof.K.Eqbert, Innovation Ambassador and Convenor,IIC, Assistant Professor, Department of Mechanical Engineering, NICHE

No: of participants:55

Objective of the programme: To educate participants about the career opportunities available in entrepreneurship and innovation and to inspire individuals to consider entrepreneurship and innovation as viable and fulfilling career paths. The session aims to empower participants with knowledge, motivation, and practical guidance to explore entrepreneurship and innovation as exciting and rewarding career opportunities.

Programme outcome-The Institution Innovation Council of Sree Ayyappa College for Women in collaboration with Department of History organised an offline session on Entrepreneurship and Innovation as Career Opportunity on 09-02-2023. Prof. K. Eqbert, Innovation Ambassador and Convenor, IIC, Assistant Professor, Department of Mechanical Engineering, NICHE was the resource person. He has elucidated on how to be an entrepreneur focusing on core areas of the Business building like the relationship between Innovation & Entrepreneurship. The objective of the session was to promote the importance of Entrepreneurship and innovation as career opportunity and inculcate skillset required for a young graduate and to stimulate the overall architecture of the Entrepreneurship life cycle and how student can create innovative product by undertaking relevant methods. The session was very interesting and made the participants understand the basics of Entrepreneurship and its Importance in modern society and the skill set required to become an entrepreneur and how to convert simple idea into an innovation. He defined the words entrepreneurship and gave a clear idea of the same. "Entrepreneurship is not a career" he quoted and explained in detail how an individual can launch his/her start-up. He stressed that Entrepreneurship cannot be viewed as a business purely, but as a rich legacy for generations to prosper. He shared and discussed the meaning of entrepreneurship and innovation with real time examples like Zomato and Swiggy (service providers), Tata and Reliance (Multi National Services) etc.. He also explained growing areas as an entrepreneur and innovators in near future. The session was great, very informative and it created awareness among the students about the Entrepreneurship and Innovation in their life.





## 32. Workshop on Intellectual Property Rights and Patents and Design Filing

**Date**: 10-02-2023

Resource Person: Sri. Seetha Raman. A, Examiner of Patents and

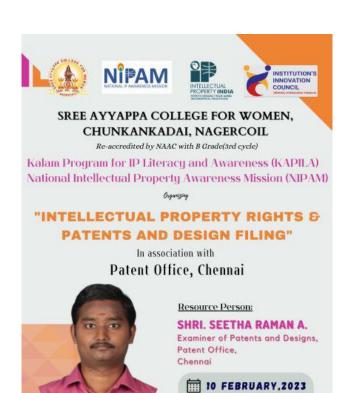
Designs, Patent Office, Chennai.

No: of participants:100

Objective of the programme: To educate participants about the various forms of intellectual property rights, including patents, trademarks, copyrights, and designs and raise awareness about the importance of protecting intellectual assets and the legal rights associated with intellectual property. The workshop aims to equip participants with the knowledge and tools needed to protect their intellectual assets, navigate the patent and design filing processes, and leverage intellectual property rights to drive innovation and business success.

**Programme outcome-**-The Institution Innovation Council of SreeAyyappa College for Women in collaboration with Kalam Program for IP Literacy and Awareness (KAPILA) and National Intellectual Property Awareness Mission (NIPAM) and in association with patent Office, Chennai organised a workshop on Intellectual Property Rights and Patents and Design Filing on 10-02-2023.

Sri.SeethaRaman.A, Examiner of Patents and Designs,Patent Office,Chennai was the resource person. The objective of the programme was to encourage widespread awareness and understanding of the role that intellectual property plays in fostering a creative and innovative culture and to educate the participants on how to respond to infringements of rights including patent rights and to establish a link between industry and academia on IPR. The resource person highlighted the importance of Intellectual Property as the foundation of creativity, innovation and research. He diversely interpreted IPRs including patents, copyrights, trademarks, industrial designs, and geographical indications and gave insights on various aspects of registering them. He mentioned endless examples of patents that are currently being used in different sectors right from agriculture to the high-end industries. Briefing about the nuances of IP laws applicable in India, she emphasized upon the advantages of protecting IPRs. He concluded by suggesting the participants to take maximum benefit of the Intellectual Property Rights.



Dr.K.V. Jayashree

Principal

Organizing Committee

IIC Team



33.MIC Activity – Design Effective Innovation and Start up Policy in HEIs

**Date** :16-02-2023

Resource Person: Sri.Dipan Sahu, Assistant Innovation Director, MoE's

Innovation Cell, Govt of India

No: of participants:20

Objective of the programme: To educate participants about the importance of innovation and startup policies within HEIs and their potential impact on entrepreneurship and innovation and to guide participants in the process of designing and implementing policies that foster a culture of innovation and entrepreneurship within educational institutions. The session's goal is to empower participants, including educators, policymakers, and administrators, with the knowledge and strategies needed to design and implement effective policies that foster innovation, entrepreneurship, and economic growth within higher education institutions.

Programme outcome-The faculty and students of the Institution Innovation Council of Sree Ayyappa College for Women attended theMICactivity session on Design Effective Innovation and Start up Policy in HEIs by Sri.DipanSahu,Assistant Innovation Director,MoE's Innovation Cell,Govt of India on 16-02-2023. He started the session by pointing that the session is more focussed on National Innovation and Start up Policy –NISP and is a kind of refresher session for institutions and faculty members who are responsible for designing and formulation and implementation of NISP in institutions.He explained about the details of NISP and the provisions and guidelines for institutions to implement NISP. He further stressed on two important components –market failure and policy and said that if we want to understand the policy in a deeper manner, we have to understand market failure because policy comes in response to address the market failure.He explained that in

educational institutions, start-ups are facing difficulty to survive and that is why Government intervenes in terms of policies. He also added that start-ups and innovations are important for any economic development of the country. He also elaborated on NEP agenda of creating more creative, productive and innovative students to promote innovation and entrepreneurship. NEP 2020 is setting a trend and giving a wider vision and goal to each and every institutions to think beyond the conventional teaching and learning methods and making the system flexible, interactive and dynamic in such a way that our infrastructure and our resources can be utilized and that education system will produce more innovations, more start ups and more commercialization of research and more creative mindsets to create more employment. He ended the session by urging the educational institutions to devise the Innovation Entrepreneurship policy and implement it with the support and co-ordination from IIC which further leads to an impact creation. This session helped the participants to gain some implementing Institute's aspects in framing and Innovation and Entrepreneurship policy.

### 34.SDG Innovation Boot Camp for Girl Students

**Date**:13-02-2023 to 15-02-2023

No: of participants:100

Objective of the programme: To provide girl students with an understanding of the United Nations Sustainable Development Goals and their importance in addressing global challenges and to equip participants with essential skills such as critical thinking, problem-solving, innovation, and teamwork. The boot camp aims to empower girl students to become leaders and innovators in the pursuit of sustainable development, while fostering a sense of social responsibility and the ability to create positive change.

Programme outcome-The Institution Innovation Council of Sree Ayyappa College for Women and Start-up TN Tirunelveli Hub organised a Three Day Experiential Boot Camp for Girl Students and Faculty to create an opportunity to learn insights and work on sustainable development goals for a better future from 13-02-2023 to 15-02-2023. Mr.Rahul, Project Lead, Tamilnadu start-up and innovation Mission ,Govt of Tamilnadu was the chief guest of the boot Vice camp with Dr.Dhiliban Kumar, Associate president, Nellai circle, Tamilnadu start-up and innovation Mission, Govt of Tamilnadu a sthe trainer f the boot camp. The objective of the boot camp was to create awareness about IPRs, especially patents, designs and copy rights among faculties, students, researchers/inventors in respect of patenting their inventions and to provide insight into practical applications of IP such as patent drafting, patentability search and freedom to operate search, validity/invalidity search, and evidence of use analysis. The chief guest ,Mr.Rahul explained about innovation, design thinking, entrepreneurship, startup ecosystem in India, procedure for registering start-up, types of funding etc. He also explained the role of IIC in developing start-up culture in campus. The three day camp held series of learning oriented workshops cum sessions to help students learn basic finance, product development and of marketing, concepts formation. Through Boot-Camp the students got awareness about aspects of Innovation as well as Entrepreneurship. Students were made to face the situations similar to the problems faced by real life entrepreneurs, and help them to find proper solution to overcome the difficulty. This would help students to overcome mental pressure in their academic as well as professional life. Apart from the problem solution they also learned how to make Business Plans and to conduct Market Surveys about their idea. Hence, the Boot-Camp helped the student to develop an entrepreneurial mind and learn how real life pitching of ideas takes place. Thus the 3-day Boot Camp promised to be a constructive session of 1-many and 1-1 sessions by the teams with mentors and experts from

the ecosystem. The teams got a chance to crystallize their ideas and bring out the best in themselves. The participants expressed excellent feedback about the session that it motivated them to think out of the box.













## 35. Exposure visit to Incubation unit cum Training on Preparation of Value Added Fishery Products

No: of participants:25

**Date** :20-02-2023 to 22-02-2023

Objective of the programme: To provide participants with hands-on training and practical experience in the preparation of value-added fishery products and to To encourage participants, particularly those interested in the fisheries industry, to consider entrepreneurship opportunities in value-added fishery product production. The exposure visit and training aim to empower participants with the knowledge and skills required to engage in value-added fishery product production, potentially leading to entrepreneurship, income generation, and economic development within the fisheries sector.

**Programme outcome-**Department of Zoology along with The Institution Innovation Council of Sree Ayyappa College for Women in association with Kanyakumari Parakkai Centre for Sustainable Aquaculture organised an Exposure visit cum Training on Preparation of Value Added Fishery Products from 20-02-2023 to 22-02-2023. The objective of the training was to demonstrate the protocol for post harvest handling and preparation of value

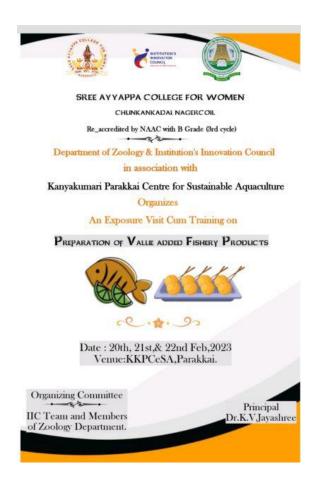
added products from fish in order to create awareness support among college girls through initiating small scale entrepreneurship. The course content included hands on training on hygienic handling of fishery products, preparation of fish steaks, fillets, fish fingers, condiments-incorporated fish products, coated fish products like cutlets, fish balls, fish burgers, fingers, cured and dried products. The trainees participated enthusiastically for learning the techniques and have shown interest in setting up small scale enterprises. Students learned how to preserve and process fishery products and their value additions. The three day training sessions served to ingrain in the minds of the students the various techniques in value added products in fishery products and fish processing techniques. The training programme was very useful and the students understood the preservation techniques to reduce spoilage in fish to minimize post-harvest loss and the preparation of value added products of fish .The student participants were also oriented towards the concept of Agri-Business Incubation which in turn will make them to become future entrepreneurs.











### 36.Entrepreneurship Outreach Programme for Community

**Date** :21-02-2023

No: of participants:25

Objective of the programme: To empower community members with knowledge and skills related to entrepreneurship, encouraging them to explore entrepreneurial opportunities and to raise awareness about the potential of entrepreneurship in creating economic opportunities, job creation, and community development. The outreach program aims to foster an entrepreneurial culture within the community, empowering individuals to explore and pursue entrepreneurship as a means to improve their quality of life and contribute to the community's economic well-being.

Programme outcome-The Institution Innovation Council ofSreeAyyappa College for Women in association with IPR and Social Media Cell organised a Community Outreach Programme on Soap making on 21-02-2023 Chunkankadai, Nagercoil. The community outreach programme was aimed at enhancing their skills and exploring the possibility of venturing into small scale business which could be commenced with minimum capital requirement and in the comfort of their homes. Around 50 self help women were taught the method of preparing bathing and washing soapby the students. The women exhibited their creative side and were very keen to explore and learn the techniques of soap making. The training programme provided to the SHG members not only will help the members in generating income, but also will help in inculcating other practices such as professional ethics and management, quality production, hygienic practices, post production management etc. Most importantly the training programme helped the SHG members to believe in themselves that they can also create something useful using their expertise and earn an income out of it.











#### 37. Session on Design Thinking, Critical Thinking and Innovation Design

**Date** :22-02-2023

**Resource Person**: Dr.Umadevi.S, Convenor ,IIC and Innovation Ambassador, Assistant Professor of Botany, SreeAyyappa College for Women, Nagercoil

No: of participants:50

Objective of the programme: To provide participants with a comprehensive understanding of design thinking, critical thinking, and the process of innovation design and to equip participants with practical skills for creative problem-solving, critical analysis, and innovative ideation. The session aims to empower participants with the knowledge, skills, and mindset required to approach problems and challenges with innovative thinking, leading to the development of creative solutions and products.

**Programme outcome-**The Institution Innovation Council of Sree Ayyappa College for Women organised an orientation session about Design Thinking by innovation ambassador on 22-2-2023.Dr.Umadevi.S,Convenor ,IIC and Innovation Ambassador, Assistant Professor of Botany, Sree Ayyappa College for Women,Nagercoil was the resource person. She briefed the students about

Product/Process Design and Development in an Orientation Session for all students & faculty. Dr. Uma devi stressed upon the need of Design Thinking for product development process. Design thinking supports the innovation to serve the society through technology development. During her presentation she cited many examples about the topic in the form of videos and said that every innovation should undergo product/process development cycle for successful outcome. This lecture was very useful for students with innovative thinking and she provided lots of information regarding the innovation. Further, she gave detailed explanation about invention versus innovation and how to generate innovative ideas and SCAMPER technique for creative thinking. The talk was informative and the student participants gained more knowledge about creative thinking.





## 38. Session on Process on Innovation, Development, Technology Readiness Level(TRL); Commercialisation of Lab Technologies and Tech-Transfer

Date: 24-02-2023

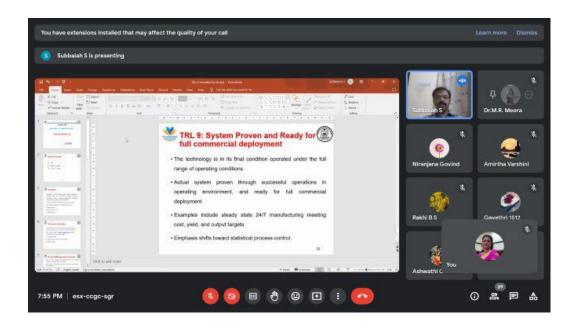
Resource Person: Dr.S.Subbaiah, Associate Professor, Department of

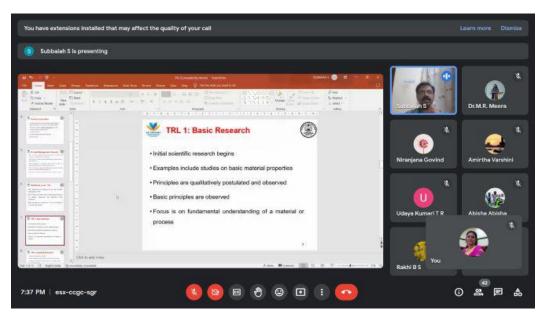
Computer Science, Sri Krishna Arts and Science College, Coimbatore

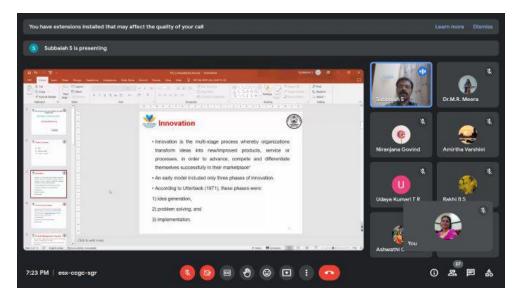
No: of participants:50

Objective of the programme: To educate participants about the various stages of innovation, technology development, and the concept of Technology Readiness Levels (TRL) and to provide insights into the systematic steps involved in turning research and lab technologies into market-ready products or services. The session aims to provide participants with a holistic understanding of the process of innovation, development, technology readiness assessment, and commercialization, ultimately equipping them with the knowledge and strategies needed to bridge the gap between laboratory research and real-world applications.

Programme outcome- The Institution Innovation Council of Sree Ayyappa College for Women organised a webinar on Process on Innovation, Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies and Tech-Transfer on 24-2-2023.Dr.S.Subbaiah, Associate Professor, Department of Computer Science, Sri Krishna Arts and Science College, Coimbatore was the resource person. In his address, he explained about innovation development and the various processes involved in developing a new product. The speaker then explained about Technology Readiness Levels. TRL's measure the maturity level of a technology throughout its research, development and deployment phase progression. TRL's are based on a scale from 1 to 9, with 9 being the most mature technology. He elaborated the process of Technology Readiness and commercialisation of the technology and highlighted the role of Prototyping Lab in Innovation Development & Technology Readiness. The participants were able to understand the recent trends and technology in innovation and about the various terminology associated with technology Readiness Levels. He concluded the talk by stating that Technology transfer can be accomplished through a variety of methods including licenses to use protected intellectual property, and may also include exchange of know-how and materials. The session was extremely informative and the participants acquired knowledge about process development and TRL.







39. Session on Celebration of Institution's Innovation Day

**Date** :27-02-2023

**Resource Person**: Dr.B.S.Benila, Asst.Professor of Physics and President of

IIc, Scott Christian College, Nagrcoil

No: of participants:20

Objective of the programme: To inspire and motivate the institution's

community to continue pursuing innovation and creative problem-solving and

to promote the institution's commitment to research, development, and

innovation as integral components of its mission. The session aims to create an

atmosphere of celebration, recognition, and inspiration, fostering a culture of

innovation within the institution and motivating its community to explore new

ideas and solutions.

**Programme outcome-**The Institution's Innovation Council (IIC), SreeAyyappa

College for Women celebrated Institutions Innovation Day on 27-02-2023. The

day marked the birth anniversary of Former President of India Sh. APJ Abdul

Kalam. The main objective of celebrating the day is to encourage young

entrepreneurs to use new ideas, make new decisions and do creative thinking.

Dr. B.S. Benila, Assistant Professor of Physics and President of IIC, Scott

Christian College (Autonomous), Nagercoil was the resource person. She

enumerated the life history and achievements of Dr. APJ Abdul Kalam and his

service to the nation and also inspired the youth to achieve the spirit and to

enrich their life. She also stressed that the innovation is key to success of any

nation and need to cultivate idea of innovation among the students. She urged

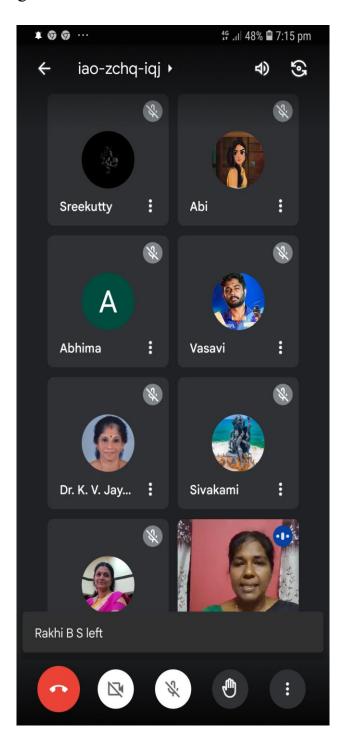
students to become consistent and confident while sharing their ideas and

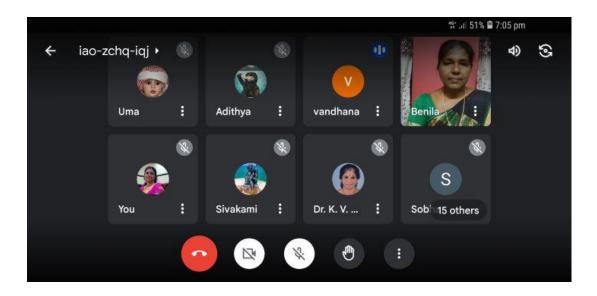
imagination. The speaker then highlighted the importance of Institution's

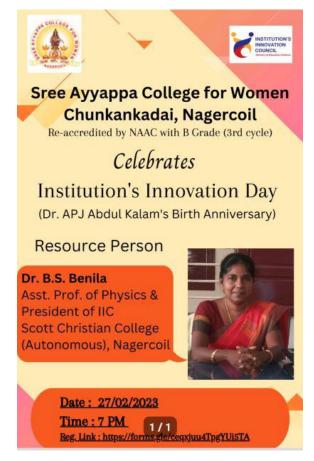
Innovation Day by speaking about various innovations happening in day to day

life. The talk was highly informative as well as enlightening. The participants

were enriched by the ideas regarding the innovation shared by the speaker which might create a gist among the participants. The participants saluted Dr.Kalam's humbleness, creativity, passion, and perseverance for perfection and become self motivated by remembering Kalam's good deeds in their heart, mind, and soul to fight it out for their dreams.







40.MIC /SIC Driven Activity -Session on Basics of Ideation: School Innovation Council

**Date**:28-02-2023

**Resource Person**: Dr.LakshmiMeera, Chief Program Officer, Vice President, Forge, Coimbatore, Tamilnadu

Objective of the programme: To educate students about the concept of ideation, which involves generating and developing innovative ideas and to encourage students to identify real-world problems that they are passionate about solving through innovative ideas. The session aims to empower students within the School Innovation Council with the knowledge and skills needed to generate, develop, and implement innovative ideas that can address local challenges and make a positive impact within their school or community.

**Programme Outcome:** The faculty and students of the Institution Innovation Council of SreeAyyappa College for Women attended the MIC/SIC activity session Basics of Ideation: School Innovation Council on 28-02-2023 .Dr.LakshmiMeera, Chief Program Officer, Vice President, Forge, Coimbatore, Tamilnadu was the speaker of the day. She started the session by stating about ideation and added that ideation is essentially a skill that each of us should possess to nurture our artistic creativity. Innovative ideas is solving real world problem using technology which will provide prosperity, progress and profit .She stressed the point that when a person comes with innovative idea, he or she has to bear in mind that their idea has to be useful and usable for the people for whom one is innovating the solution. She emphasised that three important steps for design thinking are empathize, define and ideate so that each of us can solve problems around us. She asked to follow the rules like quantity over quality, avoid judgement, and build on each other's idea and novelty over relevance. The participants received a very insightful session on ideation explaining the need, value and the process of ideation.

# 41. Exhibition cum Sales and Set up of IIC stall –IIC Expo Spot in Students market

**Date**:06-03-2023

Objective of the programme: To provide a platform for students to showcase their innovative projects, products, and solutions developed through the IIC and to offer students the opportunity to sell their innovative products or prototypes to a wider audience, generating interest and revenue. The setup of the IIC stall in a Students' Market or an IIC Expo Spot aims to provide a practical and experiential opportunity for student innovators to showcase and sell their innovations, while also promoting a culture of entrepreneurship and innovation within the institution.

Programme outcome-The Institution's Innovation Council (IIC) of SreeAyyappa College for Women organised an IIC Expo Spot keeping afloat the spirit of the main motto 'Earn while you learn.' - developing Sustainable Entrepreneurial Skills beyond College Walls on 06-03-2023. The IIC students displayed handmade products like bath soap, washing soap, lotions, washing powders paintedpots, paintings - products they made for sale. The Students also put up various stalls of handicraft items, nutritious chocolates, mini donuts, healthy muffins, handmade jewelry, Mehndi etc. The exhibition served as a platform for students to expose their entrepreneurial skills and gave them an understanding of production, pricing and marketing strategies to be followed in business. This expo would have proved to be one-stop shop for generating income by young entrepreneurs and gaining marketing skills and also helped to provide intensive practical training and support for current students and alumni to refine their business and social enterprise. Hence, such initiatives provide equal learning opportunities to all stakeholders especially women which lead to an empowered nation.











# 42.Session on Success Story of Our Alumni as part of International Women's Day Celebration

**Date**:08-03-2023

Resource Person: Dr.Menaga Magendran. Chair Person and Founder,

Bioneemtec India Private Ltd, Women's Biotech Park, Chennai

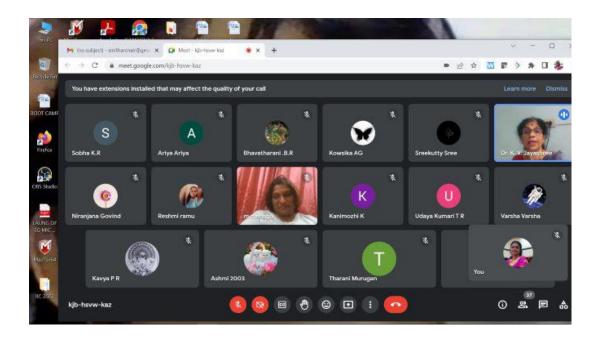
No: of participants:56

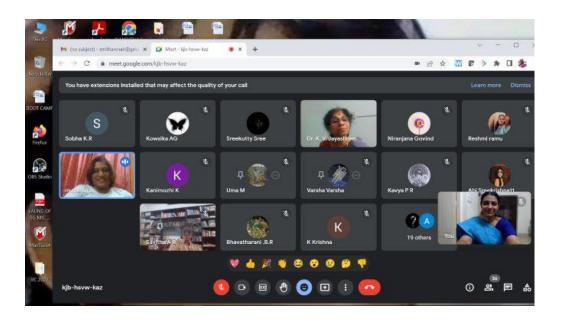
Objective of the programme: To inspire and motivate participants, particularly women, by sharing the success story of a female alumna who has achieved notable accomplishments in her career or personal life and to offer insights and advice from the alumna's journey, helping women make informed decisions in their own career paths. The session's goal is to celebrate the success of a female alumna, share her journey, and empower women to pursue their aspirations and contribute to their chosen fields, fostering a more inclusive and gender-equal society.

**Programme outcome**- The Institution's Innovation Council (IIC), SreeAyyappa College for Women celebrated International Women's Day Celebration-2023 by organising a fruitful session of our Alumni, Dr. Menaga Magendran. Chair Person

and Founder, Bioneemtec India Private Ltd, Women's Biotech Park, Chennai on 08-03-2023. Dr. Menaga Magendran, the founder of Bioneemtec India Private ltd, Chennai started her journey as exploring her lab as a facility centre to bridge the gap between academics and industrial sectors. She has trained more than 500 students for this past 9 years for their project work and academic skill development. She also gives guidance for the start ups, women entrepreneurs for their conceptual based ideas, product development and support their product for commercial entry. The expert speaker shared with the students how she left budding her career in order to carry on with her passion, but only after the enterprise had grown to that level that it could not be managed part time and was generating enough revenue. In her interaction, she spoke about the skills required by a successful social enterprise owner and the desire to improve their world, to be productive, to have the ability to spot new trends and to deal with failure. She also talked about revolutionary innovations of companies like Amazon that how they built up a customer service, inventory and shipping empire that allows offering everything possible for everyone. Along with this the simple innovations which social entrepreneurs can do with the help of inventions of their time was also shared with students as these can have more impact on the society and its issues too. She further encouraged the students to follow their passion according to their skills. The expert also shared her experiences in terms of the challenges faced and how they overcame those challenges to reach to the present successful stage. The session provided an incredible opportunity to learn from the best and were inspired by her stories of perseverance and determination and to gain valuable knowledge and insights from successful women innovators.







#### 43.Intra-Institutional Smart Idea Presentation Competition

**Date** :10-03-2023

No: of participants: 20

Objective of the programme: To promote a culture of innovation and creativity within the institution and to encourage students, faculty, and staff to generate innovative and smart ideas that can address real-world challenges or improve existing processes. The competition aims to harness the innovative potential within the institution, recognize and support promising ideas, and contribute to the growth of an innovation ecosystem within the academic community.

**Programme outcome-**The Institution's Innovation Council (IIC) of Sree Ayyappa College for Women organised an Intra-Institutional Smart Idea Presentation Competition on10-03-2023 .The main objective of idea competition was to create an atmosphere for social entrepreneurship among students to give back to society,to inculcate a culture for startups and innovation

and to encourage a business mindsetamong students. Students participated in teams to present their ideas. They developed and delivered effective, professional business pitches for innovative and marketable business concepts that are both economically and technically feasible. The students participated with enthusiasm and passion by presenting their ideas. All the students expressed that it was a unique opportunity in their life and experiences gained throughout the development process since the launch of problem statements, until the declaration of the results was amazing. This kind of events will definitely aid in improving their intellectual capacity and developing a healthy innovation culture in the campus.







### 44.Two Day workshop on Robotics and Industry 5.0

**Date**:16-03-2023 & 17-03-2023

No: of participants:40

Objective of the programme: To provide participants with comprehensive knowledge about the field of robotics and its applications in Industry and to equip participants with practical skills in robotics, automation, and Industry 5.0 technologies. The workshop aims to provide a deep understanding of the intersection of robotics and Industry 5.0, fostering a new generation of professionals who can contribute to the transformation of manufacturing and industrial processes.

Programme outcome-The Institution's Innovation Council (IIC) of Sree Ayyappa College for Women and Acutro Technologies jointly organised a Two Day workshop on Robotics and Industry 5.0 on 16-03-2023 and 17-03-23. The aim of the workshop was to acquaint the students with Industry 5.0 which is regarded as a fifth industrial revolution in which consumers could satisfy their individual requirements as per the tastes and expectations. The workshop was mainly focused on encouraging students in the field of robotics and automation.

The students were introduced to different types of robots and their applications. The designing of wired robots with construction of new prototypes of robots has been discussed in detail by the experts from Acutro Technologies.In the first day of the session, overview of wireless and autonomous robots was elaborated by explaining the integration of external sensors and actuators in the designing of robots. Introduction to Robotics, components required for manually controlled robots and automatic robots were explained during the session. Hands on training session started in second day. The robotics workshop was well-received by the participants, students found the content engaging and informative. At the end, participants have completed the given assignment of making manually controlled robots and automatic robots. The students had shown their keen interest during the workshop by querying their doubts. The robotics workshop was a success, providing participants with a solid foundation in robotics and inspiring them to explore this exciting field further. Feedback from the participants indicated that they would like to see more advanced workshops in the future.











### 45. Entrepreneurship Development through Edible Fish Culture

**Date** :24-03-2023

**Resource Person**: Dr.P.Velmurugan, Assistant Professor and Head in Charge, KanyakumariParakkai Centre for Sustainable Aquaculture, Parakkai, Nagercoil.

No: of participants:50

**Objective of the programme:** To equip individuals with the necessary skills and knowledge for establishing and managing an edible fish culture venture and

to promote entrepreneurship in the field of fish culture by identifying the economic potential and opportunities within the industry. The program's goal is to promote entrepreneurship and economic development in the context of edible fish culture while also addressing food security and sustainability in local communities.

Programme outcome-Institution's Innovation Council and Department of Zoology jointly organised a sessions on Entrepreneurship Development through Edible Fish Culture on 24-03-2023. The objective of the session was to promote innovation, entrepreneurship and business creation in fisheries sector by skill development, capacity building and technology scale up. The resource person, Dr.P.Velmurugan, Assistant Professor and Head in Charge, Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai, Nagercoil explained about edible fish breeding, culture, trade scenario of India in domestic & global market. He gave an overview of the various indigenous as well as exotic and fresh water & marine species of edible fish in the market. The lectures and discussions covered were: the importance of fish culture in rural livelihood and sustainable use of resources for aquaculture, importance of site and species selection in aquaculture, importance of soil and water quality and management measures in fish culture. He also underlined the importance of human welfare through the development of skills in fish care and management which is essential for human health. He also elaborated about the opportunities of entrepreneurs in fisheries sector. The session was very informative and it provided information about new technologies, new breeds and newly domesticated species used in fishfarming which offer great hope for the futureand will promise a blue revolution in this century to match the green revolution of the last.











### 46. Awareness Programme On Tamil Nadu Student Innovators

**Date** :20/01/23

No: of participants:130

Objective of the programme: To promote a culture of innovation and creativity among students in the region and to offer guidance and support to students interested in pursuing academic or career paths related to innovation and entrepreneurship. The program aims to raise awareness about the innovative potential of students in Tamil Nadu, highlight their achievements, and encourage a culture of innovation within educational institutions and the broader community.

Programme Outcome: An one day awareness programme on Tamil Nadu Student Innovators was organised by EDII and IIC of Sree Ayyappa college for Women in Collaboration with University College of Engineering, Nagercoil on January 20, 2023 at SreeAyyappa college for Women to create awareness about Tamil Nadu Student Innovators Programme which is an initiative of EDII-TN to encourage student innovators/entrepreneurs from all over Tamil Nadu. The programme commenced with a prayer song. Dr.Radha.R. Assistant Professor of Zoology welcomed the gathering. Mr.P.Srinivasan, Assistant Professor of ECE, Amrita College of Engineering and Technology, Nagercoil spoke about Tamil Nadu Student Innovators Programme and the opportunities provided for the student teams opportunity to give their innovative ideas as a solution to identified validated problem statements in the field of agriculture, industry, smart cities, health care, fintech and automobile sectors. He further emphasised about the series of events like awareness and ideation programmes, boot camps and final pitchduring this initiative. Innovative ideas will be selected by a panel of Jury from the StartupEcosystem for the award of Rs. 1.00 lakh each for further development of their prototype and also to commercialise the product. They will be introduced to angel investors who are ready to adopt and invest in their start-ups. The second resource person .Mr.R.Rajesh, Field Coordinator, EDII, Government of Tamilnadu delivered a detailed account on the Tamilnadu Innovators programme which will be conducted throughout the state as one day ideation camp followed by five days boot camp and the winner will obtain 1 lakh seed money for starting the business.Ms.S.K.Kanchana,Final year ECE student, Amrita College of Engineering, Nagercoil and the winner of TN student Innovators programme shared her experience about idea generation that occurred and the steps involved in the successful completion of her project that fetched I lakh student innovators award. The awareness programme gained valuable inputs about innovation and motivated the students to develop ideas for day to day life problems in life.







#### 47. Session on Entrepreneur's Future with Chat GPT

Date: 21-03-2023

Resource Person: Mr.Raghav Narayan, Chairperson, Voll Mond

Academy, Nagercoil

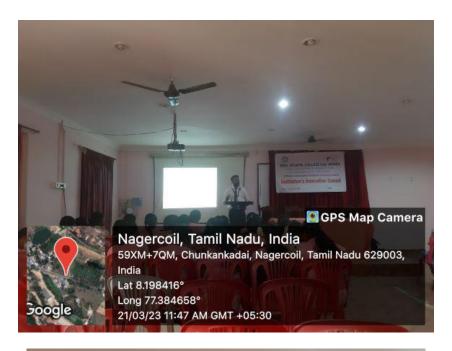
No: of participants:50

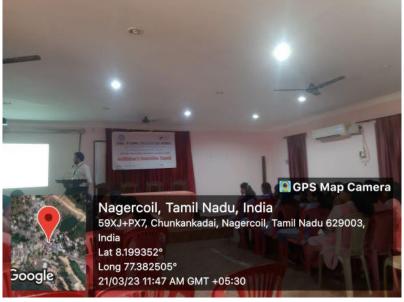
Objective of the programme: To educate entrepreneurs about the capabilities of AI-driven technologies like Chat GPT and their potential applications in business and entrepreneurship and to encourage entrepreneurs to explore innovative ways to incorporate AI and natural language processing into their business strategies. The session aims to provide entrepreneurs with insights into the possibilities and potential benefits of incorporating AI technologies like Chat GPT into their entrepreneurial endeavors, helping them stay competitive and innovative in the evolving business landscape.

**Programme outcome**-Institution's Innovation Council and Central Library jointly organised a session on Entrepreneur's Future with Chat GPT on 21-03-

2023. Mr.Raghav Narayan, Chairperson, Voll Mond Academy, Nagercoil was the resource person for the session. He explained about ChatGPT which has created ripples across the younger generations and is also gradually taking several industries by storm. It has been trending on social media shortly after its November 2022 release. It has stirred the IT and AI industries, including tech giants like Google and Microsoft. He added that Engineers, entrepreneurs, and many social media users look at AI as a bold innovation that opens horizons for services and solutions; the academic and creative industry stands both concerned and threatened by the latest AI chatbot. New York Times author Ezra Klein called ChatGPT an 'information warfare machine' and even raised questions on the implications of releasing such a form of technology at a large scale. The soaring popularity of ChatGPT has caught the worries of social scientists and scholars alike. The newly available tools like big data, analytics, and information at our fingertips empowered professionals to find new ways of providing value, mostly through adding context or expertise on how to use these new tools. It famously reached its first 1 million users within 5 days of being released. OpenAI, the developer of ChatGPT, ignites the imagination with the endless possibilities of use cases that could be enabled by combining Chat GPT Functionality with everyday applications that help us write and analyse documents in Word, convey our talking points and strategies via PowerPoint, or decide the best approach to building models in Excel. It also could empower environmental educators to make content more engaging and helpful and help professionals understand how their businesses can be more sustainable or find

new opportunities in sustainable markets. He concluded the talk by saying that the democratization of AI like Chat GPT will lead to a proliferation of new startups, services, and products that make our economy more abundant from a consumer perspective, but also for founders, creators, and prosumers. The session was very informative and enabled the participants to gain knowledge about Chat GPT.







### 48. Field visit for Problem Identification

Date: 28-03-2023

Venue: Department of Sericulture, Konam, Nagercoil

No: of participants:40

Resource Person; Mrs.V.Meenakumari, Asst Inspector of Sericulture

Objective of the programme: To provide participants with direct exposure to real-world settings, environments, or communities where specific issues or challenges exist and to train participants in identifying and understanding various problems, challenges, or opportunities within the visited area. The field visit's goal is to provide a practical and experiential learning opportunity for participants to identify, understand, and begin addressing real-world problems in sericulture industry.

**Programme outcome-**The students and faculty of Department of Zoology who are members of Institution's Innovation Council visited Department of

Sericulture, Konam, Nagercoilon 28-03-2023 to identify the problems associated with sericulture industry. Mrs. V. Meenakumari, Asst Inspector of Sericulture explained about the constraints faced by the farmers in mulberry cultivation and silkworm rearing. She explained about the constraints in mulberry cultivation like lack of awareness about suitable varieties, application of bio-fertilizer, non-availability of farm yard manure, inadequate water supply during summer, pest and disease attack etc. She also gave a detailed picture of constraints faced in silkworm rearing like lack of knowledge about disinfectants, non-availability of skilled labourers and occasional appearance of silkworm larval diseases such as muscardine, flacharie. The students understood the cocoon reeling procedure, cocoon handling procedure, high yielding varieties of mulberry plants, the methods of cultivation of mulberry plants etc and identified the problems faced in silkworm rearing and reeling and the diseases of silkworm larvae. The visit turned to be very useful for the students and it helped them to identify the problems faced in sericulture industry.



#### 49. Session on Finding the right internship: Strategies and Tips

**Date:** 06-04-2023

**Resource Person**: Dr.T.Anitha,Assistant Professor of History,Sree Ayyappa College for Women,Chunkankadai

No: of participants:50

Objective of the programme: To educate participants on the importance of internships in gaining practical experience and enhancing their career prospects and to provide guidance and strategies for effectively searching and securing the right internship opportunities. The session aims to empower participants with the knowledge and strategies to secure the right internship that aligns with their career goals and provides valuable hands-on experience in their chosen field.

**Programme Outcome:** The Institution Innovation Council of Sree Ayyappa College for Women organised an one day session on Finding the right internship: Strategies and Tips on 06-04-2023. Dr.T.Anitha, Assistant Professor of History, Sree Ayyappa College for Women, Chunkankadai was the resource person. She started her talk by saying that securing the right internship is a critical step towards launching a successful career. It provides valuable practical experience, networking opportunities, and a chance to apply theoretical knowledge in a real-world setting. The resource person asked the students to take the time to define their goals and aspirations, before embarking on the internship search. This clarity will guide and help them target opportunities that align with their interests and career objectives. She also asked the students to explore websites, social media presence, and company culture to gain insight into their values, mission, and work environment. Understanding a company's values and culture will enable the students to find internships that are a good fit for them. She also said to attend networking events, career fairs, and industry conferences to expand the connections. Numerous online platforms specialize in connecting students with internships. Websites such as LinkedIn, InternMatch, Indeed, and Glassdoor offer internship listings, and the students can filter them based on location, industry, or duration. Additionally, some professional organizations and university career service centres have their own internship databases. The resource person concluded the talk by asking the students to

keep an open mind and consider internships in various industries or roles and said that an internship is not only a stepping stone towards your future career but also an opportunity for personal and professional growth. The session was very interesting and informative.



### **50.**Session on Institutional support to Entrepreneurs

**Date:** 13-04-2023

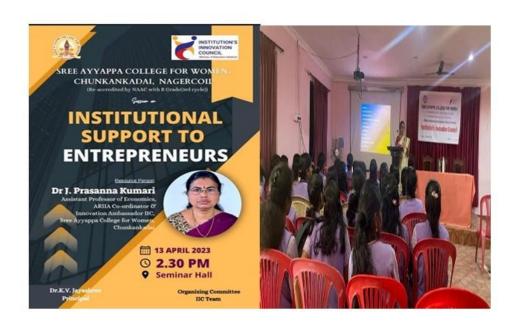
Resource Person: Dr.J.Prasanna Kumari, Assistant Professor of Economics, Sree Ayyappa College for Women, Chunkankadai

No: of participants:50

Objective of the programme: To educate entrepreneurs on how to access and effectively utilize institutional resources, including funding, mentorship, and

infrastructure and to raise awareness among students about the support and resources available through their institutions. The session's goal is to ensure that young entrepreneurs have access to the full range of institutional support available to help them succeed in their entrepreneurial endeavors.

**Programme Outcome:** The Institution Innovation Council of Sree Ayyappa College for Women organised an one day session on Finding the right internship: Strategies and Tips on 13-04-2023. Dr.J.Prasanna kumari, Assistant Professor of Economics, Sree Ayyappa College for Women, Chunkankadai was the resource person. She said that entrepreneurship plays a crucial role in driving innovation, job creation, and economic growth. Recognizing its significance, institutions at various levels, including governments, educational institutions, and financial organizations, have established support systems to foster and nurture entrepreneurial ventures. She pointed out that Governments worldwide have implemented policies and programs to promote entrepreneurship. These initiatives often include Funding and Grants that assist entrepreneurs in launching their businesses, conducting research and development, and scaling their operations. Governments strive to create a favourable business environment by simplifying regulations, reducing bureaucracy, and promoting ease of doing business. These reforms reduce entry barriers and administrative burdens, allowing entrepreneurs to focus on innovation and growth. Governments invest in educational programs that teach entrepreneurship and business skills. These initiatives are often integrated into school curricula, universities, and vocational training centres, equipping individuals with the knowledge and mindset required for entrepreneurial success. The resource person concluded the talk by stating that Institutional support to entrepreneurs plays a pivotal role in fostering innovation, driving economic growth, and creating job opportunities. Governments, educational institutions, and financial organizations contribute to the success of entrepreneurs by providing funding, regulatory reforms, incubation services, education, research collaborations, and financial assistance. By nurturing and empowering entrepreneurs, institutional support helps create a vibrant entrepreneurial ecosystem that benefits society as a whole. Continued efforts and collaborations between institutions and entrepreneurs are crucial to further strengthen and sustain the support systems that foster entrepreneurial success. It was an active and interesting session and the students asked queries and clarified with the resource person.



# 51.Session on Sustainable Solid Waste management as a part of World Earth Day Celebration

Date: 17-4-2023

**Resource Person**: Dr.K.V.Jayashree, Principal, Sree Ayyappa College for Women, Chunkankadai

### No: of participants:55

Objective of the programme: To raise awareness about the importance of sustainable solid waste management practices in protecting the environment and to educate participants about eco-friendly and sustainable methods for handling, recycling, and disposing of solid waste. The session aims to promote a sense of environmental responsibility, encourage sustainable waste management practices, and inspire individuals and communities to take proactive steps in caring for the Earth and reducing their ecological footprint.

**Programme Outcome:** The Institution Innovation Council of Sree Ayyappa College for Women organised an one day session on Sustainable Solid Waste management as a part of World Earth Day Celebration on 17-4-2023. Dr.K.V.Jayashree, Principal, Sree Ayyappa College for Women, Chunkankadai was the resource person. She commenced the talk by saying that Effective solid waste management is a critical component of sustainable development and environmental stewardship. As the global population continues to grow and urbanization intensifies, the generation of solid waste poses significant challenges. The first step towards sustainable solid waste management is to reduce and minimize waste generation. This can be achieved through various measures, including: Source Separation, Encouraging manufacturers to adopt eco-friendly designs and packaging that minimize waste generation, utilize recyclable materials, and reduce the overall environmental impact, Promoting awareness campaigns and educational programs to inform the public about the importance of waste reduction and ways to adopt sustainable practices in daily life, She stressed on the implementation of recycling programs which is essential for sustainable waste management. Recycling conserves natural resources, reduces energy consumption, and minimizes landfill space. Establishing composting facilities or promoting decentralized composting methods allows the conversion of organic waste into nutrient-rich compost that can be used in agriculture, landscaping, and soil improvement that reduces the need for chemical fertilizers and landfill space. She concluded the talk by saying that Sustainable solid waste management is essential for preserving natural resources, reducing environmental pollution, and promoting a sustainable future. By adopting strategies such as waste reduction, recycling, composting, waste-to-energy technologies, and effective governance, societies can move towards more sustainable waste management practices..The session made the students realise the importance of Sustainable Solid Waste management and that collaboration among individuals, communities, businesses, and governments is crucial to create a collective commitment towards responsible waste management and environmental stewardship. Through these efforts, we can minimize waste generation, conserve resources, and protect the planet for future generations.











# **52.**Session on Insights on Intellectual Property Rights as a part of World IPR celebration

**Date:** 27-04-2023

**Resource Person**: Dr.M.G.Vincely Jebakar, Associate Professor of Economics, Scott Christian College, Nagercoil

## No:of participants:60

Objective of the programme: To educate participants about the importance of intellectual property rights and their role in protecting creative and innovative works and to raise awareness about the different types of intellectual property, including patents, copyrights, trademarks, and trade secrets. The session aims to

educate, inform, and create awareness about the importance of intellectual property rights in protecting innovation and creativity, benefiting both creators and society as a whole.

**Programme Outcome:** The Institution Innovation Council of Sree Ayyappa College for Women organised an one day session on Insights on Intellectual Property Rights as a part of World IPR celebration on 27-4-2023. Dr. M.G.Vincely Jebakar, Associate Professor of Economics, Scott Christian College, Nagercoil was the resource person. He talked on Intellectual Property Rights (IPR) as legal rights granted to individuals or organizations to protect their intellectual creations and innovations. IPR encompasses various forms of intangible assets, including patents, trademarks, copyrights, trade secrets, and industrial designs. He stressed that IPR provides a legal framework for protecting and incentivizing innovation. By granting exclusive rights to creators and inventors, IPR encourages the development of new ideas, technologies, and creative works. It ensures that individuals and organizations can reap the benefits of their intellectual investments, fostering economic growth and technological advancements. The resource person talked about the types of Intellectual Property Rights such as Patents, trade marks, copyrights,trade secrets. He pointed that IPR encourages investment in research, development, and innovation by providing legal protection and potential commercial advantages. It enables inventors and creators to profit from their efforts, attracting investments and fostering economic growth. He concluded the talk by saying that IPR plays a pivotal role in protecting and incentivizing innovation, creativity, and economic growth. By granting exclusive rights, IPR encourages investment in research and development, fosters collaboration, and ensures the protection of brands and creative works. However, challenges related to enforcement, balancing public interest, and addressing patent-related issues

require ongoing attention and adaptation of IPR frameworks. The talk was indeed very interesting and informative to students who attended the session.



53.MIC Driven activity- National Technology Week- Inaugural Address of Hon'ble Prime minister of India –May 11,2023.

Date: 11-5-2023

Resource person : Hon'ble Prime minister of India, Sri Narendra Modi

Objective of the programme: To inspire the nation by sharing the Prime Minister's vision for the role of technology and innovation in the country's development and to promote entrepreneurship, start-ups, and innovation-driven enterprises that can contribute to economic growth. The inaugural address serves as a platform to set the tone for the National Technology Week, align national priorities with technology and innovation, and inspire action and collaboration among various stakeholders in the technological and innovation ecosystem.

Programme outcome: The students and IIC faculty of Sree Ayyappa College for Women virtually attended the Inaugural Address of Hon'ble Prime minister of India, Sri Narendra Modi on May 11,2023 in connection with National Technology week. Prime Minister Narendra Modi has said that technology is a tool for giving momentum to the country's growth trajectory. He stressed that technology is essential for economic growth, achieving sustainable development goals and building an inclusive ecosystem. The Prime Minister inaugurated National Technology Week 2023, School to Startupand Igniting Young Minds to Innovate at Pragati Maidan in New Delhi. On this occasion, Mr. Modi has laid the foundation stone for Laser Interferometer Gravitational-Wave Observatory - India at Hingoli in Maharashtra, Homi Bhabha Cancer Hospital and Research Centre at Jatni in Odisha, Platinum Jubilee Block of Tata Memorial Hospital in Mumbai and Tata Institute of Fundamental Research in Hyderabad. He also dedicated to the nation project related to Fission Molybdenum-99 Production Facility in Mumbai, Rare Earth Permanent Magnet Plant and Homi Bhabha Cancer Hospital and Research Centre in Visakhapatnam, National Hadron Beam Therapy Facility and Women and Children Cancer Hospital Building in Navi Mumbai. Mr. Modi also released commemorative stamp and coin inaugurated the expo showcasing indigenous scientific and technological advancements.

Speaking on the occasion, Prime Minister Narendra Modi said, 11th May is a glorious day in the history of the country as on this day, Indian scientists had made the country proud by conducting Pokhran nuclear tests. He said, India has set clear goals for year 2047 and efforts should be made to make the country developed and self-reliant. He said, India is moving forward in the field of science and technology with new thinking and a holistic approach. He said, a strong foundation has been laid in the field of science and technology sector in the last nine years. Highlighting the importance of Atal Tinkering Labs in the nation's progress, he said, these labs are nurturing the seeds of innovation

among youngsters. He said, campaigns related to Startup India, Digital India and the National Education Policy have given a new momentum to the country's success in the technology sector.Mr. Modi said the country is making strides in the startup ecosystem and it has become the third largest startup ecosystem in the world. He said, this achievement has been made in such a time when the world is witnessing economic uncertainties. On the success of UPI, the Prime Minister said, Indians have embraced digital payments and now UPI has become the new normal. He said there was a time when carrying debit and credit cards in pockets was a status symbol, but today the country's UPI has become a new normal due to its simplicity. Mr. Modi added that the revolutionary initiatives including JAM Trinity, COWIN, e-NAM have been the agents of inclusion and have brought an unparalleled digital revolution in the country. PM Modi stated "The Tinker-preneurs of India will soon become leading entrepreneurs of the world" and that the India of today is moving forward in every direction that is necessary to become a tech leader. Prime Minister Narendra Modi's speech on this day holds immense importance as it reflects the nation's commitment to technological advancement and innovation and had fostered scientific temper among the students and to all the citizens of India who had listened to his motivational and inspiring speech.

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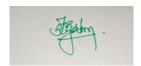


Report submitted by



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Dr.K.V.Jayashree
PRINCIPAL