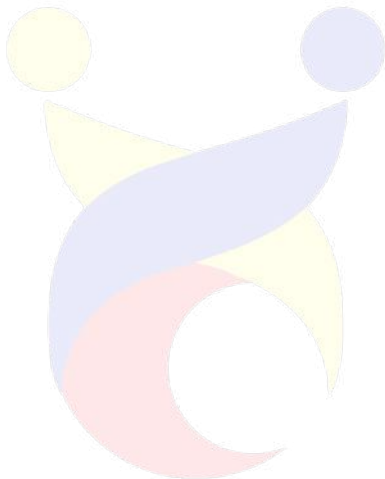




SREE AYYAPPA COLLEGE FOR WOMEN

CHUNKANKADAI, NAGERCOIL-629003



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

Institution's Innovation Council

Activities for the Academic Year 2021-222

IIC Activities from June 2021-May 2022

1. Faculty Development Programme on Fostering Innovation and Entrepreneurship among students-Needs and Necessities

Resource Persons:

1. Dr. M.Manoj, Professor & Nodal Officer, Innovation & Entrepreneurship Development Center Marian Engineering College, Trivandrum
2. Dr. Jithin Benedict & Dr. Shiny.P.M, Albertian Institute of Management, St Albert's College, Ernakulam
3. Dr. Shiny.P.M, Asst. Professor, Albertian Institute of Management, St.Alberts College, Ernakulam
4. Dr.Rijo Jacob Asst.Professor, TKM College of Engineering, Kollam
5. Mr.T.M.Riyas, Project Director, Kerala Startup Mission
6. Prof. Madhava Chandra Kurup.M Former Technical Vitality Leader, IBM, Associate Professor, Asian School of Business
7. Dr.Lekshmi Jaganathan, Professor, Dayananda Sagar University & CEO:DERBI Foundation, Bangalore
8. Dr.Bharathi Raj, Asst.Professor, NSS Engineering College, Palakkad
9. Ms.Najina Muhammed Project Manager, UST

Date : 9/6/2021 -15/6/2021 (Ministry of Education Initiative)

No: of participants :110



Recording...

		T.Anitha		Rakhi B S
Pravitha.p	SREE VIDHYA		Uadaya Kumari	Radha R
	Viji YC	Divya Sree	Anjana Narendr...	
Dr.B.Sajeetha	Dr. M. Manoj	Dr. G. Sumathy		Suma Madhavan
Dr. PV. RADHIKA	Prasaja V P	Soniya V	Dr.M.R.Meera	

Windows taskbar: Desktop, 15:02, 14-06-2021

Recording... View

				s.s.sandhya
	Viji YC	Radha R	Dr.B.Sajeetha	
		Dr. PV. RADHIKA	Ms Suganya	Deepa Nair


PRIN: From Dr PAL PANDIAN P to Everyone
Thank you very much Prof!

Unmute, Stop Video, Security, Participants (17), Chat, Share Screen, Pause/Stop Recording, Reactions, Stop Recording (Alt+R), End

Windows taskbar: Desktop, 12:08, 15-06-2021

Recording...

The Skill Set



Self Confidence

Problem Solving

Goal Setting

Durability and Resilience

Initiative

Creativity and Innovative Thinking

Empathy

Dr. Riyas

Recording...

View

Dr.K.V.Jayashre...	IIC SAC	Dr.Smitha Nair	Dr. S. Uma Devi	Najina Mohamed
Hanilekshmi V N...	Dr PAL PANDIA...	Soniya V	Dr.Smitha Nair	Uma Devi
Suma Ganesan	Jyothirmayi V. L	s.s.sandhya	Prasanna kumari	Sunitha Christo...
K R Sobha	Radha R	Dr.M.R.Meera	Divya Sree	Dr.B.Sajeetha
Anitha T	Dr. G. Sumathy	Deepa Nair	acer	Dr. PV. RADHIKA

Unmute Start Video Security Participants 36 Chat 4 Share Screen Pause/Stop Recording Reactions End

Desktop 15:27 15-06-2021

Programme outcome:

Faculty Development Programme created an awareness of the need and importance of entrepreneurship. It also imparted knowledge and developed skills in diverse training methods in imparting training to students and entrepreneurs. FDP also equipped the teachers with skills and knowledge that are essential for inculcating entrepreneurial thinking among students and mentoring their progress towards entrepreneurial careers.

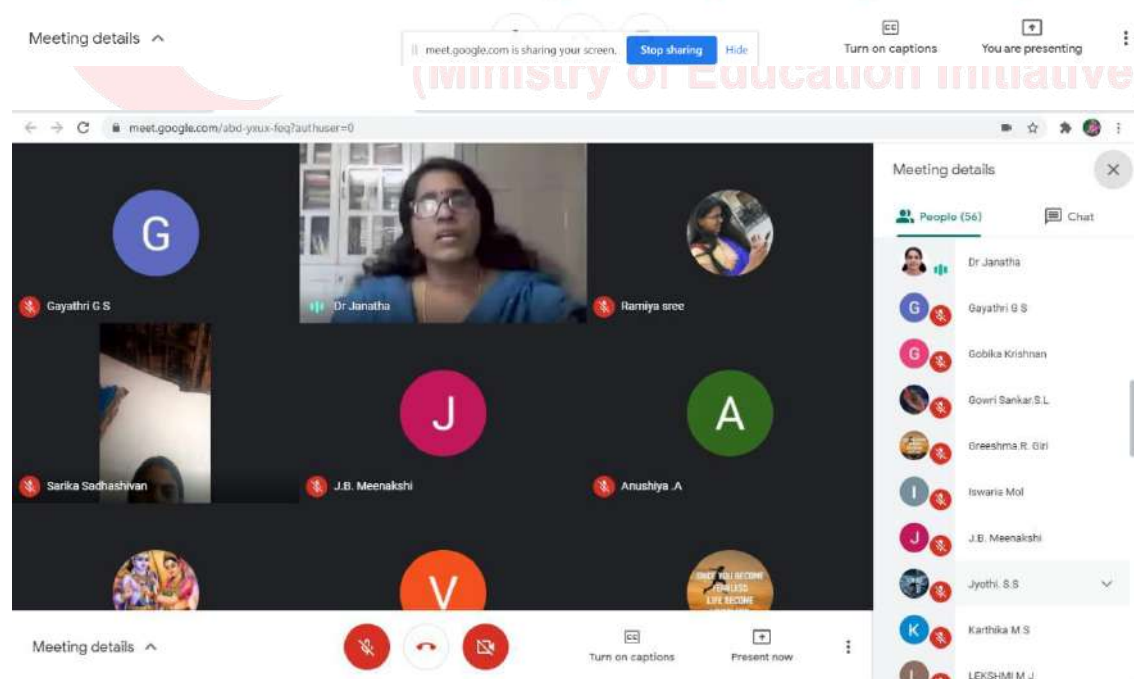
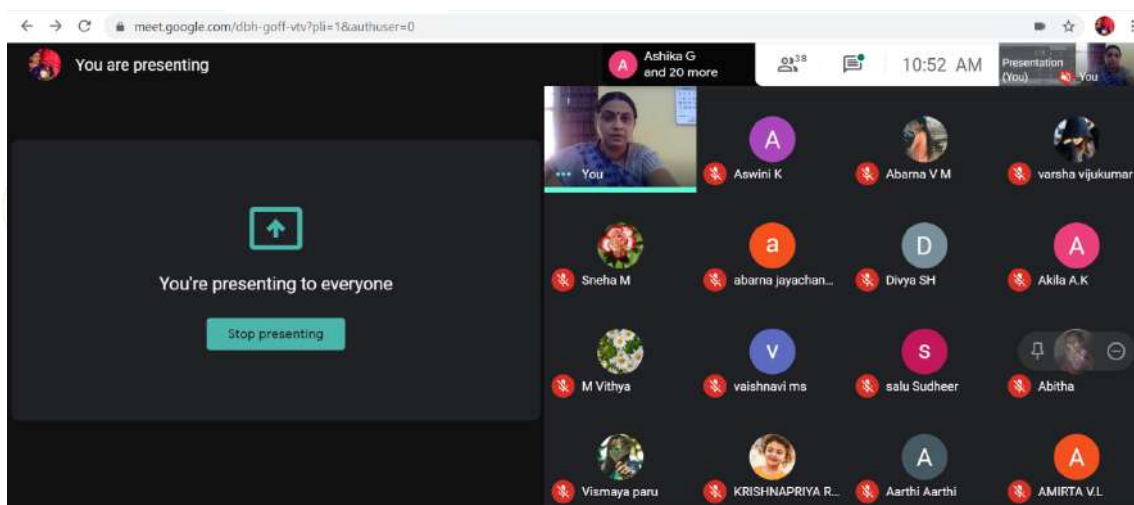
2. Orientation Sessions for Students by Innovation Ambassadors

Resource Persons:

1. Dr. Smitha Nair – Ambassador-Incubation and Pre-incubation
2. Dr. R. Janathakumari , Ambassador- IPR and Technology Transfer
3. Dr. S.Umadevi, Ambassador - Design Thinking and Innovation
4. Dr. Radha.R - Ambassador - Entrepreneurship Development Programme

Date :26/07/21 and 27/07/21

No: of participants :110



Programme outcome :The orientation session helped the young minds for nurturing innovative ideas and to develop entrepreneurship skills. The innovation ambassadors highlighted the importance of IIC in HEIs and also disseminated the scope, benefits and mission of IIC in developing and nurturing the innovation and entrepreneurship spirit in HEIs to all the students of the institution.

3. Orientation Sessions for Students and faculties of Institutions by Innovation Ambassadors

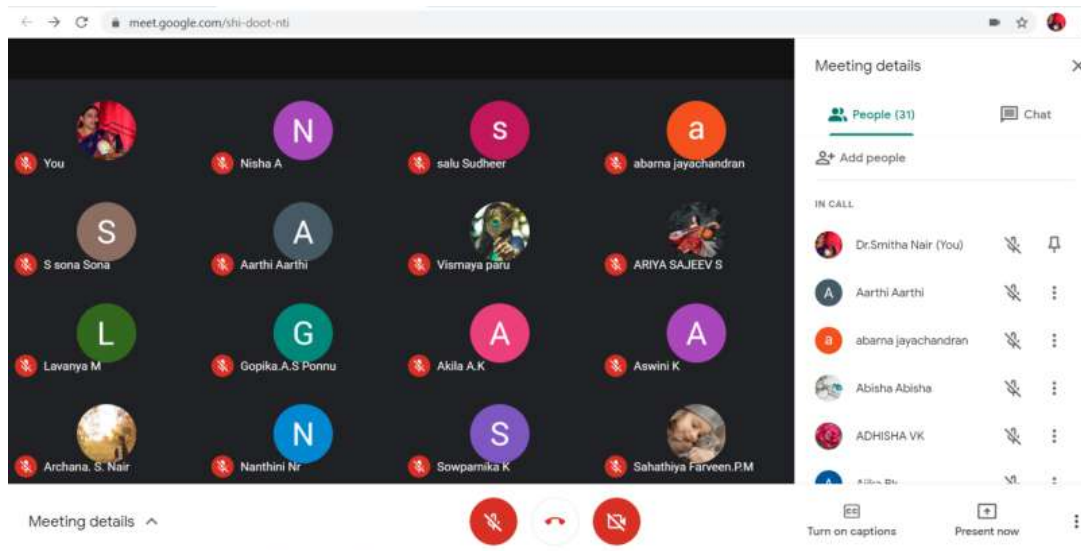
Resource Persons:

1. Dr. SmithaNair – Ambassador - Incubation and Pre-incubation
2. Dr. R.Janathakumari , Ambassador - IPR and Technology Transfer
3. Dr. S.Umadevi, Ambassador - Design Thinking and Innovation
4. Dr. Radha.R - Ambassador - Entrepreneurship Development Programme

Date :12/08/21

No: of participants :100





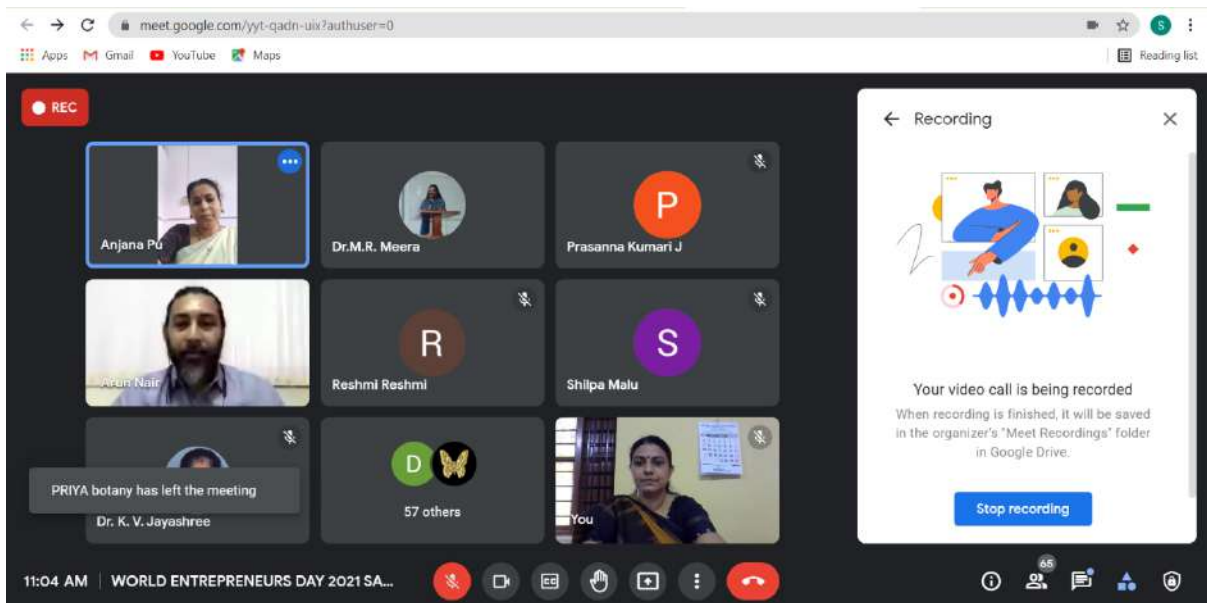
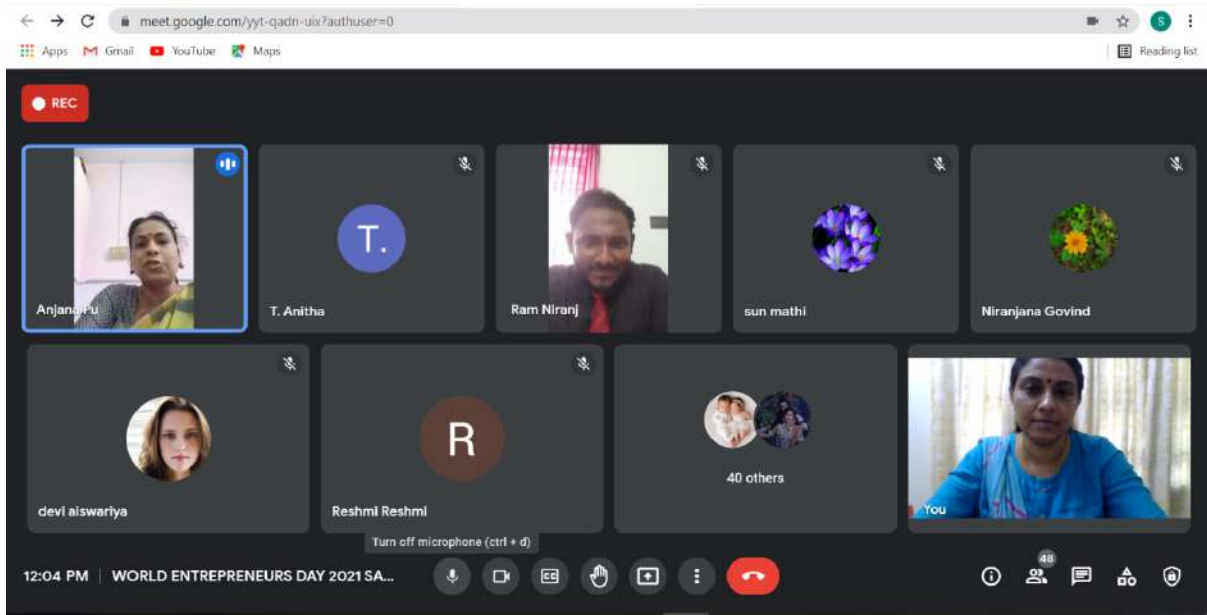
Programme outcome : The objective of the orientation session was to motivate all the students and faculties for nurturing innovative ideas and to encourage building talents for their innovative & creative business models which have the potential to change the world. The session created awareness about start-ups and related ecosystems among students and kindled entrepreneurship skills in students.

4. Session on World Entrepreneurship Day 2021

Resource Persons:

1. Mr. M.Ram Niranj, Sr. CSM, Allianz Services, UK
2. Mr. Arun.V. Nair, Co-founder and Chief Operating Officer, Sport hood

Date : 23/08/2021 and 24/08/2021 **No: of participants :**90



Programme outcome: The purpose of the World Entrepreneurs' Day webinar was to create awareness for entrepreneurship, innovation and leadership throughout the world. The resource persons of the sessions enlightened the students with their insightful thoughts and encouraged them to own up to their entrepreneurial ideas. The speakers also emphasized the importance of entrepreneurship and the need to change the institute from being the centre of job-seekers to the centre of job-creators.

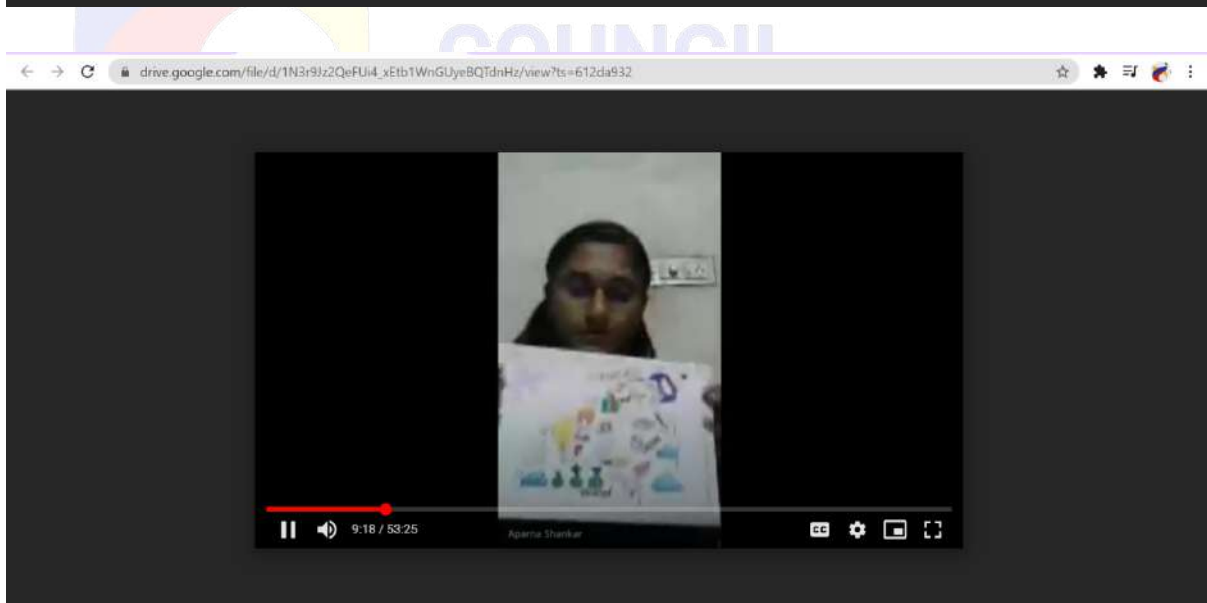
5. National Level Intercollegiate Meet on Entrepreneurship

Virtual Debate on the topic which is best for Entrepreneurs? Self funding or Loans

Essay writing on the topic - Role of Entrepreneurs in Nation Building

Poster making on the topic – The Entrepreneur in You

Date : Submission Deadline : 25/08/2021



Programme outcome: The intercollegiate competitions on Entrepreneurship focused on developing students' professional and entrepreneurial skills and allowed students to network with other business students, teachers, and real

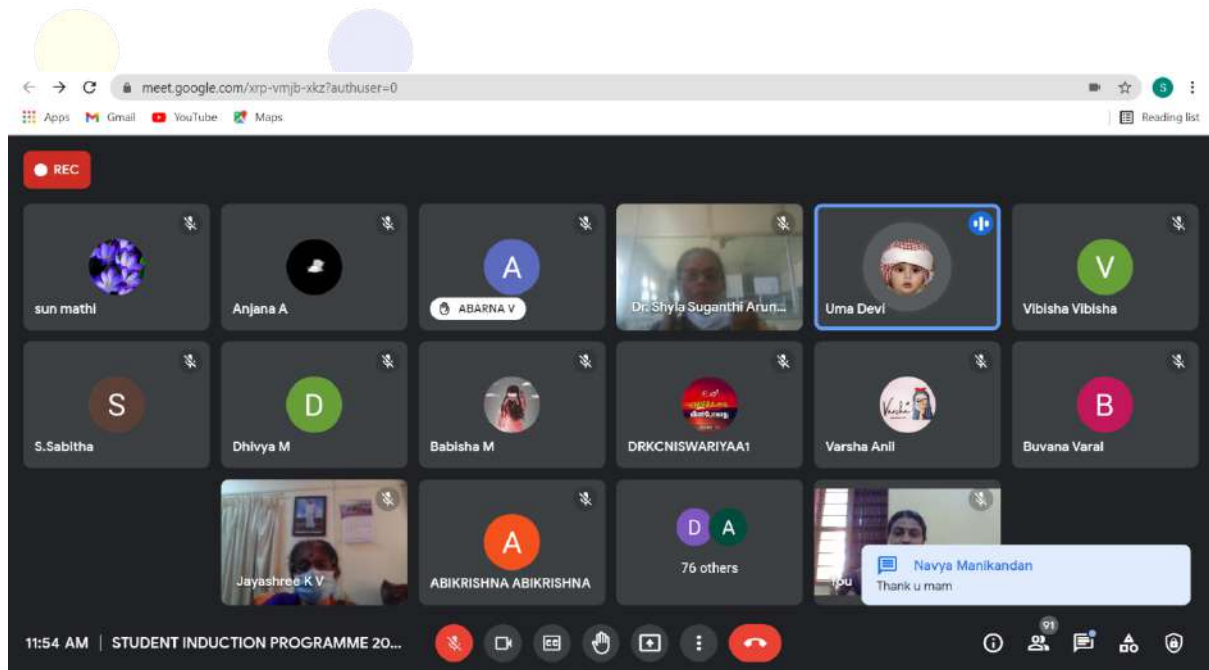
business leaders from around the globe, giving them the resources to be successful in the world of business. The students also gained a competitive edge in the global job market and developed strategic decision making and project management skills for network with business and industry experts.

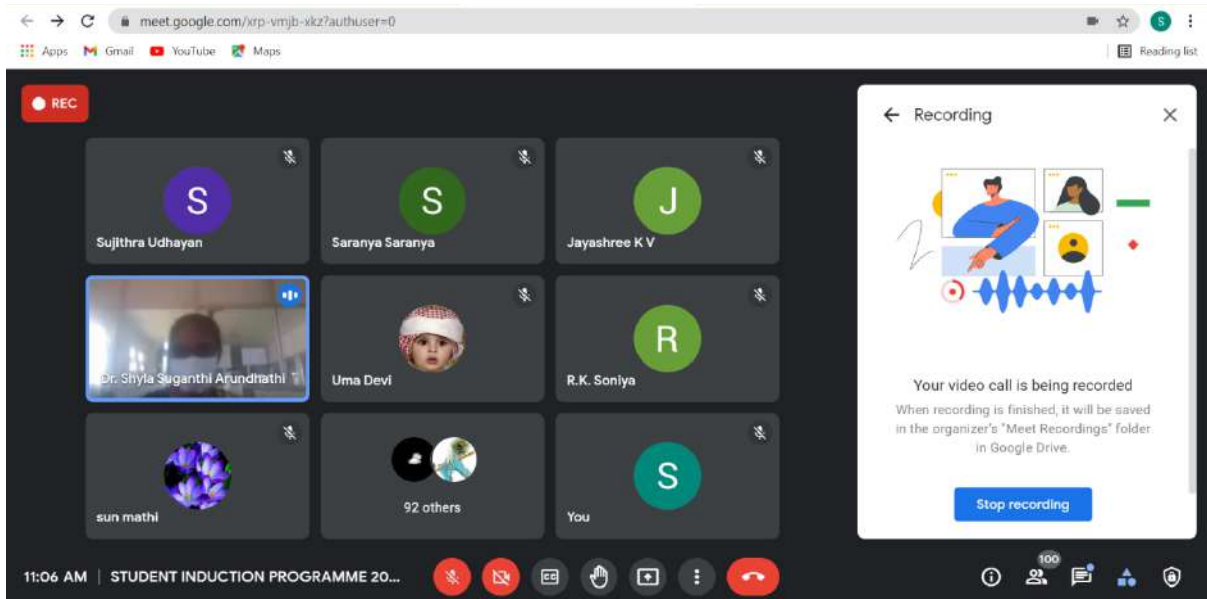
6. Student Induction Programme 2021 -Session on Innovation and Entrepreneurship

Resource Person: Dr. A. Shyla Suganthi, Secretary, Centre for Innovation and Incubation, Holy Cross College, Nagercoil.

Date: 22/9/2021

No: of participants: 100





Programme outcome: The induction programme motivated the students to become independent entrepreneurs by exposing them to the world of Entrepreneurship through Innovation. The programme also enables students to sharpen the skills of students, broadening their knowledge base and equipping them with technical and non-technical qualities that a student needs.

7. Inauguration of Technology Business incubator and launching of Ecovibe Agritech – an Agritech startup-joint initiative of faculty and students

Date: 24/09/2021





Sree Ayyappa College for Women

Chunkankadai, Nagercoil

Accredited with B Grade by NAAC (3rd cycle)

Principal and IIC Team cordially invite you to

The Inauguration of Technology Business Incubator &

Launching of

Ecovibe Agritech

An Agri - Tech Start Up

Joint initiative of Faculty & Students

Date : 24/09/2021

Time : 12:30 PM



Outcome- Institution Innovation Council of SreeAyyappa College for Women conceptualized the idea of developing the ecosystem and creating culture of Innovation and Entrepreneurship by establishing Technology Business incubator and launching of EcovibeAgritech – an Agritech startup-joint initiative of faculty and students at SreeAyyappa College for Women.

The **Objectives** the Start-up Centre are:

- To inculcate a culture of innovation driven entrepreneurship in the campus.
- To promote new technology/ knowledge/ innovation based startups.
- To provide a platform for speedy commercialisation of technology developed by new entrepreneurs.
- To build a vibrant start-up ecosystem, by establishing a network between academia, financial institutions, industries, and other institutes.

With the objective of encouraging students to take up entrepreneurship, the Institute has established an in-house technology incubator, as a part of a 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 on 24/09/2021. A Mushroom Culture Laboratory was established to ensure the production of high-quality mushroom cultures and planting spawns .Training was given to the students and guidance on spawn maintenance and nutrition was also provided to the students to promote innovation led entrepreneurship through start-up creation. The training personnel gave a lime light on the importance of cultivation of mushroom, its medicinal and dietary values, to go for its commercial cultivation and marketing. She gave detailed deliberation about mushroom cultivation and its procedures. Practical, interactive demonstration on paddy straw (*Volvariella* spp) and oyster/mushroom (*Pleurotus* spp) cultivation was done

with the active involvement of the participating farm women. From this skill oriented training programme, it is expected that the majority of the students come forward to practise mushroom cultivation, providing nourishment to their family members and also generating additional income to enrich themselves particularly. Technology Incubation centre is instrumental in developing technology innovation Agritech products thereby enhancing socio-economic upliftment and empowerment of student entrepreneurs in mushroom culture and farming.

8. Session on role of Education in Entrepreneurial journey

Resource Person: Dr. Ravi Shankar, entrepreneur, Independent Management, Consultant and Counsellor, Hyderabad

Date: 11/11/2021

No: of participants: 100

INSTITUTION'S



Programme outcome: The session on the role of education in entrepreneurial journey motivated the participants to understand the basics of running a business before starting one. The resource person of the session emphasised that in today's technological age, business management is highly dependent on technology and that Higher education imparts skills that include leveraging technology to increase efficiency in business. Hence entrepreneurship education improves interpersonal relationships, teamwork skills, money management and public speaking skills. It also increases job readiness and job preparedness. The resource person of the session enlightened the students with their insightful thoughts and encouraged them by stating that education is a powerful tool for empowering youth.

9. National Start-up day Celebrations- Session on Ideation – Finding the Innovation spark

Resource Person- Mr. Madhava .C.Kurup, Associate Professor and Nodal officer, IEDC, Asian School of Business, Techno city, Trivandrum

Date: 30/11/2021

No: of participants: 45

The screenshot shows a Google Meet interface. At the top, the browser address bar displays 'meet.google.com/abp-wcvu-dvs?pli=1'. Below the browser, the Meet header shows 'REC' and 'Madhava Kurup is presenting'. The main content area is a Microsoft PowerPoint slide titled 'Trend 1: Economic Forces'. The slide contains the following text:

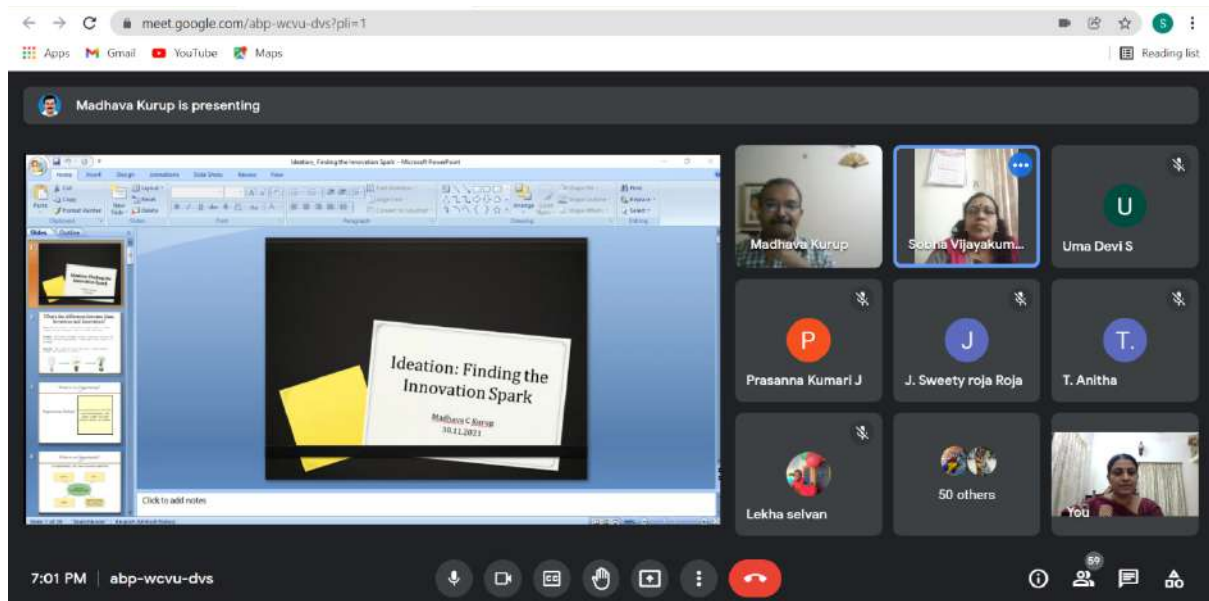
Trend 1: Economic Forces

- Economic trends help determine areas that are ripe for new startups and areas that startups should avoid.
- It is also important to evaluate who has money to spend and what they spend on.

Example of Economic Trend Creating a Favorable Opportunity

- A weak economy favors startups that help consumers save money.
- An example is Gasbuddy.com, a company started to help consumers save money on gas.
- Increase in the number of women in work force and availability of disposable income has opened opportunities

On the right side of the Meet window, there is a grid of participant avatars. The participants listed are: Madhava Kurup (presenting), Uma Devi S, Sobha Vijayakumar, Prasanna Kumari J, Lekha selvan, Gowri Prasanth, Agalja D, 46 others, and You. The bottom of the Meet window shows a toolbar with icons for mute, video, chat, and other controls, along with the time '7:32 PM' and the meeting ID 'abp-wcvu-dvs'.



Programme outcome: As part of National start up day celebrations, session on Ideation –Finding the innovation spark was much useful for the participants. Mr. Madhava .C.Kurup, the resource person of the session pointed out that Ideation is often the most exciting stage in a Design Thinking project, because during Ideation, the aim is to generate a large quantity of ideas that the team can then filter and cut down into the best, most practical or most innovative ones in order to inspire new and better design solutions and products. He also emphasised that Ideation provides both the fuel and also the source material for building prototypes and getting innovative solutions into the hands of the users. In short, the session proved to be very interesting and imparted practical skills of ideation for the young entrepreneurs.

10. Workshop on Business model canvas

Resource Person- Mr. Deepu Sanjay, Corporate Relations and Placement Officer, Rajadhani Group of Institutions, Attingal

Date: 06/12/2021

No: of participants: 55



(Ministry of Education Initiative)



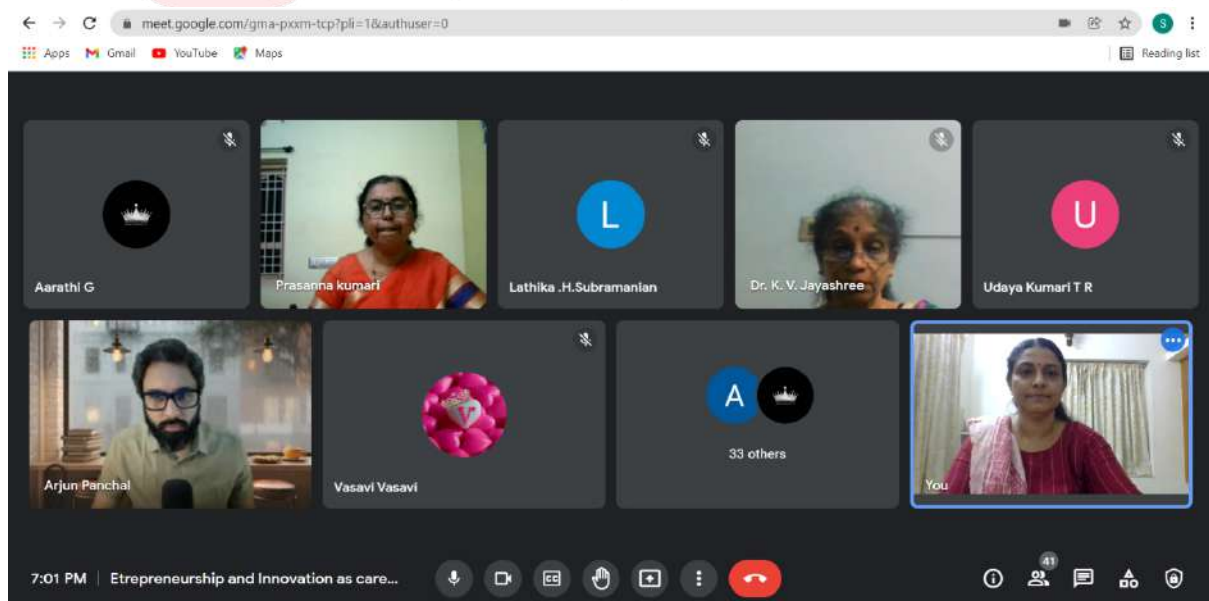
Programme outcome: The workshop on Business model canvas was indeed a structured workshop that imparted hands-on training for the student participants. The workshop focussed on nine key areas that include Customer segments, Value propositions, Channels, Customer relationships, Revenue streams Resources, activities, partnerships, and costs and made the participants work out their business plan. The resource person explained to the participant's tips to create business models working through various case studies, engaging examples, a dozen of hands-on activities and a lot more exercises, thus giving a vivid picture of formulation of business model canvas. By these hands on training practice, students got the idea about how to represent their product in market, how it is different from conventional product, what is the market requirement & resources available in market.

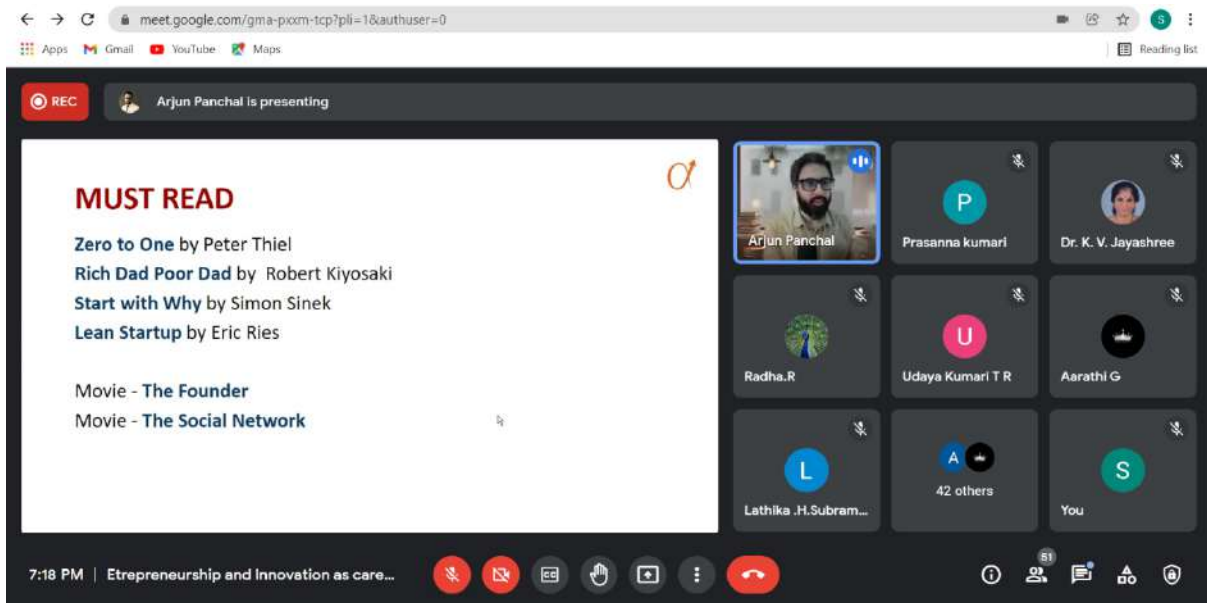
11. Session on Entrepreneurship and Innovation as a Career Opportunity

Resource Person- ArjunPanchal , Founder and CEO, Papa Zapata – chain of Mexican outlets, Mentor at SIBM, Pune

Date: 20/12/2021

No: of participants: 35



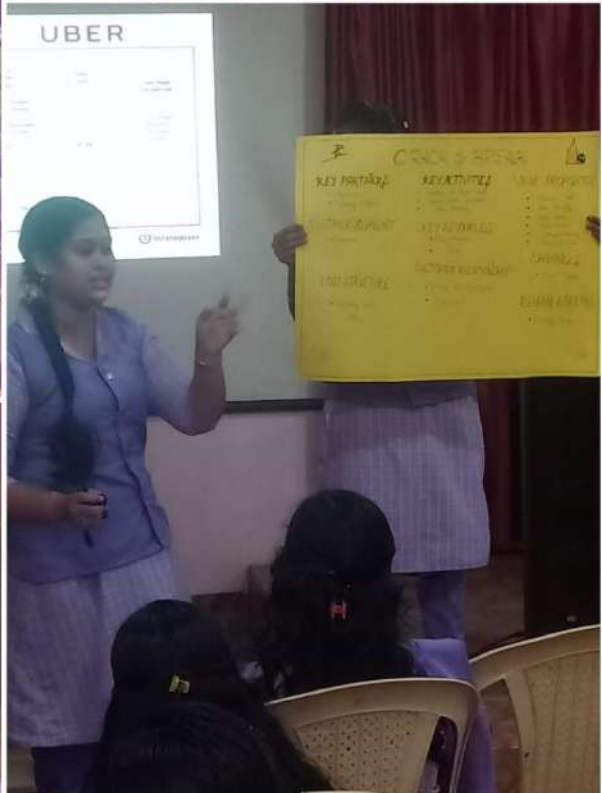


Programme outcome: The main objective of this session was to promote the importance of Entrepreneurship and innovation as career opportunity and inculcate skillset required for a young graduate and to stimulate the overall architecture of the Entrepreneurship life cycle and how student can create innovative products by undertaking relevant methods. The session was very motivational and informative. It helped the participants to understand the basics of Entrepreneurship and its Importance in modern society, skill set required becoming an Entrepreneur and how to convert simple idea into an innovation and Key performance indicator needed for a graduate to become an Entrepreneur. The resource person of the session also gave valuable tips and ways to convert the young graduate into Innovative Entrepreneur and How to start new Innovative start-ups.

12. Idea Pitching Contest

Date: 10/01/2022

No: of participants: 70





Programme outcome: An “Idea Pitching workshop” was organized by the Institutional Innovation Council, Sree Ayyappa College for Women on January 10,2022 . The objective of the contest was to explore the best innovative talents by networking the students at the college leading to the exchange of views and ideas and identification of the ideas which can be commercialised and used for the society. The idea pitching contest focused on bringing unique and innovative ideas and seven team of students presented solutions to various real life problems across the departments. Students had worked in teams to first identify the problem and then decided the methodology and plan of action to achieve the

solution. The students those who submitted their titles of their ideas have presented the same by the PowerPoint presentation in person (7 presentations). The juries observed the presentation and provided the marks in the scoring sheet and gave their valuable comments and suggestions for each presentation.

13. MIC Driven activity - e- Symposium on 'Building Innovation Ecosystem In Educational Institutions'

Date : 11/1/2022 &12/1/2022

No: of participants :8



Programme outcome: A two days long e- Symposium on 'Building Innovation Ecosystem in Educational Institutions' was held on 11th and 12th January 2022 to commemorate 75th years of progressive India 'Azadi Ka Amrit Mahotsav' which was jointly organised by Ministry of Education (MoE), AICTE and Ministry of Commerce & Industry (DPIIT) to mark 'National Innovation Week' from 10th – 16th Jan 2022. The faculty members and students of Institution Innovation Cell of Sree Ayyappa College for Women, Chunkankadai attended the virtual programme. The chief guest of the symposium was Shri Rajkumar Ranjan Singh, Minister of State for Education. The other renowned dignitaries who had graced the occasion were Shri Sanjay Murthy, Secretary (HE), MoE, Shri Anurag Jain, Secretary DPIIT, Ministry of Commerce & Industry, Smt. Anita Karwal, Secretary (School) MoE, Prof Anil D Sahasrabudhe, Chairman, AICTE and Dr. Abhay Jere, CIO, MoE's Innovation Cell. the e-symposium had

witnessed very interesting and unique line speakers from young innovators to unicorn founders, from government departments to industry stalwarts and was designed to showcase the spread and depth of entrepreneurship across India. Eminent industry leaders, emerging unicorn founder, investors, and policy practitioners joined as keynote speakers and panellists and shared their views and perspective on different aspects of innovation and start-up. Special panel sessions consisted of panellists from early stage start-up founders, and student innovators motivated school kids and young minds to pursue innovation and entrepreneurship as career choice and sensitized and oriented the stakeholders as part of innovation and Start-up ecosystem in academic institutions.

14. Session on My story: Motivational talk by Successful Entrepreneur

Resource Person - Mrs. Jamana Mahajan, Founder, Satvic Foods & Mr. Viraj Mahajan, Co-Founder & CEO, Satvic Foods

Date : 17/01/2022

No: of participants : 45



Programme outcome: The motivational session on my story by a successful entrepreneur proved that the resource person Mrs. Jamana Mahajan is a loving

mother and home maker now turned into an entrepreneur and an inspiration for all the participants. Her dream product, Satvic is not just a brand but a live example of dreams turning into reality and an inspiration for all the budding entrepreneurs. Her success story taught us a valuable lesson that no matter what the age is, if a woman is determined enough and is persistent, she can accomplish anything she wishes. The co-founder of Satvicfoods ,Mr.Viraj Mahajan supported his mother and boosted her confidence and belief that Satvic will be a successful venture and that she can accomplish what all she dreamt of. The webinar has truly motivated all the participants and had rendered true spirit and instilled interest in all the participants. The incredible journey from a homemaker to a successful entrepreneur inspired the participants to become successful entrepreneurs.

15.Title of the session: Orientation Session on IIC 4.0and Features

Date: 24/1/2022

Duration: 2 hours

Activity Category: MIC driven activity

Theme: IIC 4.0 and its features

Outcome of the activity:

The Faculty and students of IIC, SreeAyyappa College for Women attended the Orientation Session on IIC 4.0 & Features – MoE’s Innovation Cell on 24th January, 2022. The event was hosted by Dr.Dipan Sahu, Asst. Innovation Director, Ministry of Education’s Innovation Cell & AICTE, Government of India. The Objective of the session is to orient IICs on-

1. IIC 4.0 Registration and Participation Guidelines
2. Introduction to New Features of IIC 4.0 Portal and How to Use It.

3. Glance through various programs and schemes for IIC institutions
4. Incentives and measurement of performance IIC Institutions effort
5. Integrated policy approach for maximum impact - NISP+IIC+ARIIA

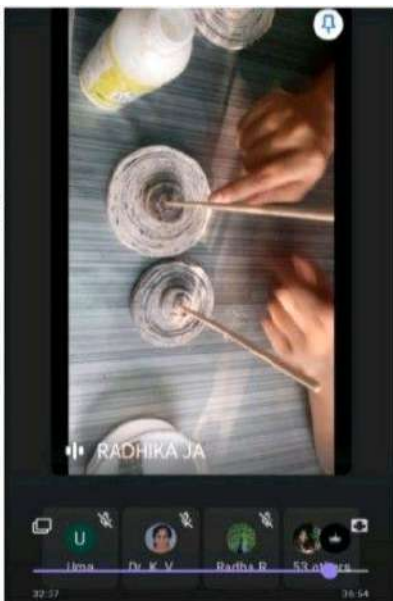
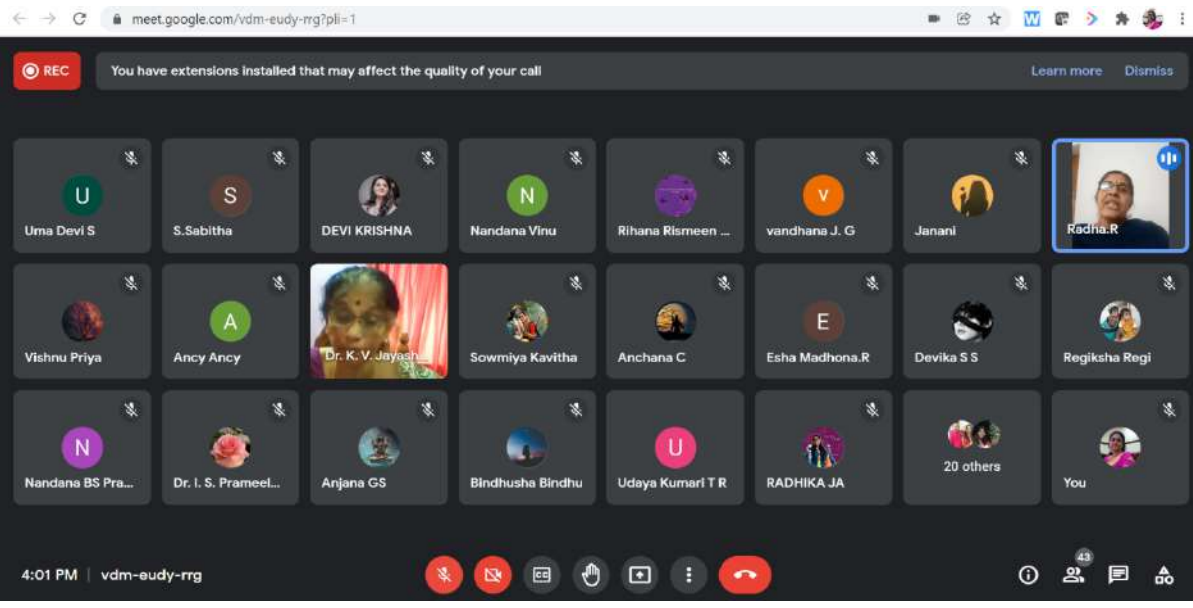
He pointed out that MIC is always striving to improve the functionality and performance of the IIC network by bringing innovations in terms of new features and approaches in every new edition of IIC and elaborated on the new features and structures to incentivize participation of more HEIs and a better collaborative environment for sharing knowledge. He shared slides with statistics of the number of HEIs who have joined the IIC were shared. Mr. Dipan Sahu also discussed about the ARIIA rankings. The session gave brief introduction about the purpose of establishing IIC in the institution for supporting the students & faculties. The session provided lot of information for the members of IIC about how to organize the events specified by MIC and procedures to be followed during uploading the same. Also, few of new schemes have been introduced in IIC 4.0 like Mentor- Mentee scheme, ATL School Linkage, E- learning sessions, referral system etc were also mentioned. The presentation was very lively and interesting. He spoke about the future goals of The Ministry of Education to make IIC a movement in all HEI's in the near future and fulfil Prime Minister's call for Atmanirbhar Bharat.

16. Two days workshop on Toy making

Resource Person- Ms. Radhika, Artist and Founder, Queen bee Crafts and Creative arts, Coimbatore

Date : 25/01/2022 & 26/01/2022

No: of participants : 50



Sree Ayyappa College for Women
 Chusakkadai, Nagercoil
 Re-accredited with B Grade by NAAC, 10th cycle

Two Days Workshop on Toy Making

Resource Person
 Radhika A J
 Artist & Founder
 Queerberry Crafts & Creative Arts
 Foundation

No Registration Fee

Reg. Link:
<https://forms.gle/2UeP5Kd72jgn5t6>

Day 1: 25/01/2022, 4 to 5 PM
 Day 2: 26/01/2022, 11 to 12 PM

Dr. S. V. Jayashree
 Principal

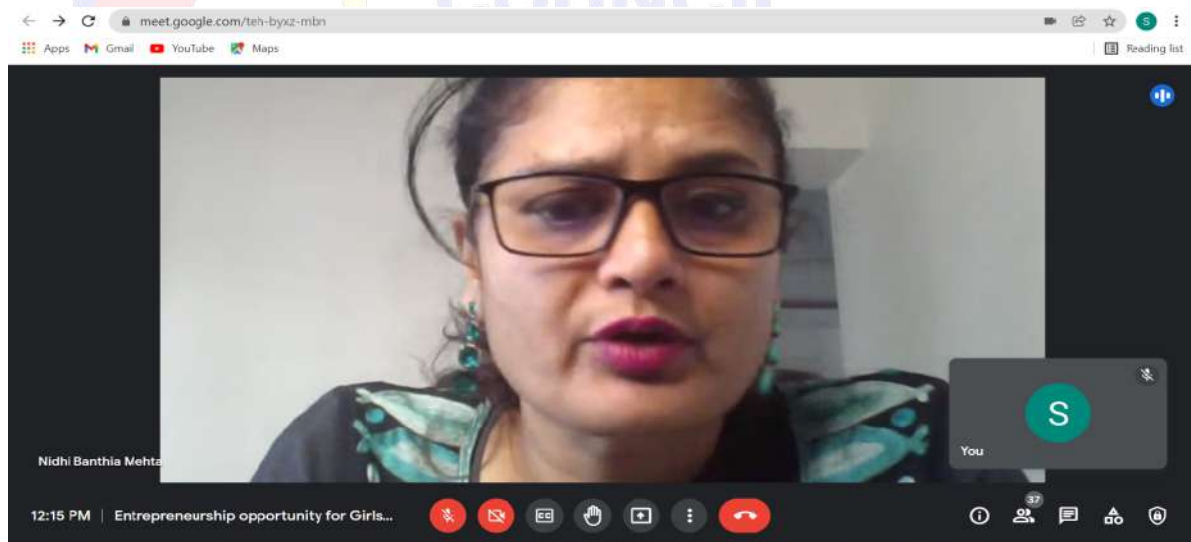
Organizing Committee
 B. Tammil

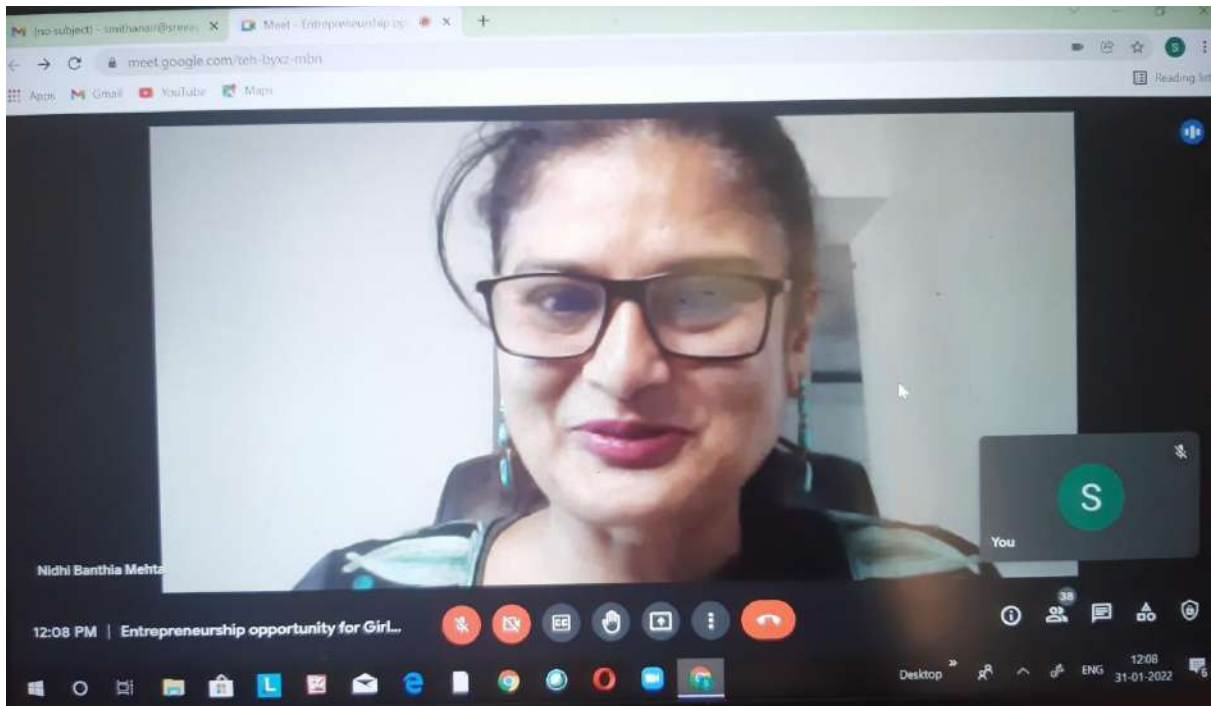
Programme outcome: The two day workshop on Toy making by Ms.Radhika, Arist and Founder, Queen bee Crafts and Creative arts, Coimbatore organised by IIC of Sree Ayyappa College for Women enabled all the participants to learn not only the creative ways of making newspaper dolls but also sowed the seeds of desire and lighted a new path to travel in the world of entrepreneurship. The resource person inspite of all her trails and trysts with life won the face of hardships and emerged as a thriving business owner. The resource person by her true life story has reminded the participants that in order to achieve something in life , one have to be strong and be willing to push oneself beyond our limits.

17. Session on Entrepreneurship for girls as a career option and how to fuel your profession from your passion

Resource Person- Mrs.NidhiBanthia Mehta, Business Consultant for MSMEs Entrepreneurship trainer and Mentor

Date : 31/01/2022





No: of participants : 50

Programme outcome: The session on ‘entrepreneurship for girls as a career option and how to fuel your profession from your passion’ was really a motivational session. The participants were really motivated by the resource person’s passion for dance with her love for bollywood music and fitness to create customized workshops for corporate retreats, wellness and team building through her first startup, BollyBeatz. The resource person’s success story taught the participants a valuable lesson that through teamwork, trust and resource management, one can boost the confidence up and can become successful entrepreneurs. Thus the resource person has succeeded in instilling a sense of passion and motivation to the participants to become successful entrepreneurs.

18. Workshop on Design Thinking - Creative Problem Solving for developing Impactful products, solutions and Services to address Community Challenges.

Resource Person - Mr. Jayakrishnan Divakaran, Co-founder-VNJ Systems LLP, Bangalore

Date : 19/02/2022

No: of participants : 55

Sree Ayyappa College for Women
Chunkankadai, Nagercoil
Re - accredited with B Grade by NAAC (3rd cycle)

Workshop on
*Design Thinking - Creative Problem Solving for
developing Impactful Products, Solutions and
Services to address Community Challenges*

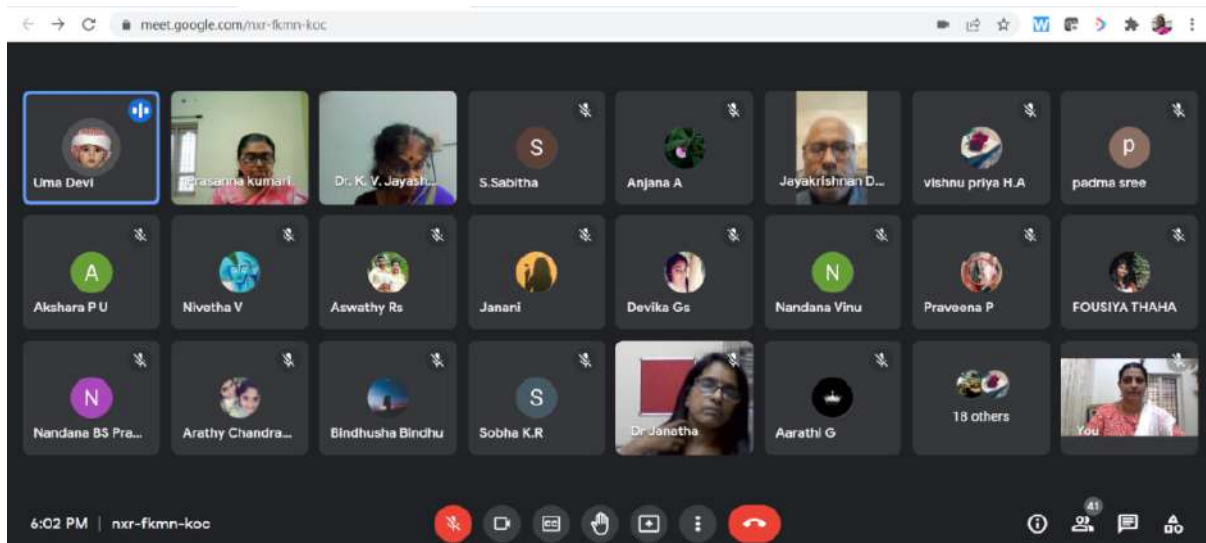
Resource Person

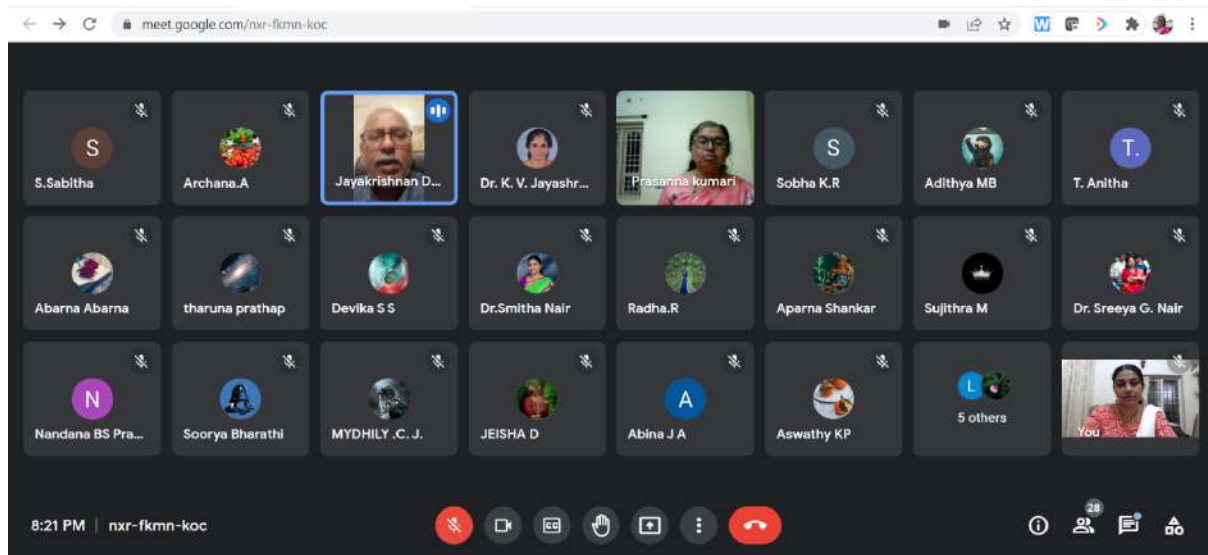
Mr. Jayakrishnan Divakaran
Co-founder - VNJ Systems LLP
Bangalore

Date : 19/02/2022 Time : 6 PM to 8 PM
Reg. Link : <https://forms.gle/sYUCcHC1tYKQK2xi7>
No Registration Fee

Dr. K. V. Jayashree
Principal

Organizing Committee
IIC Team





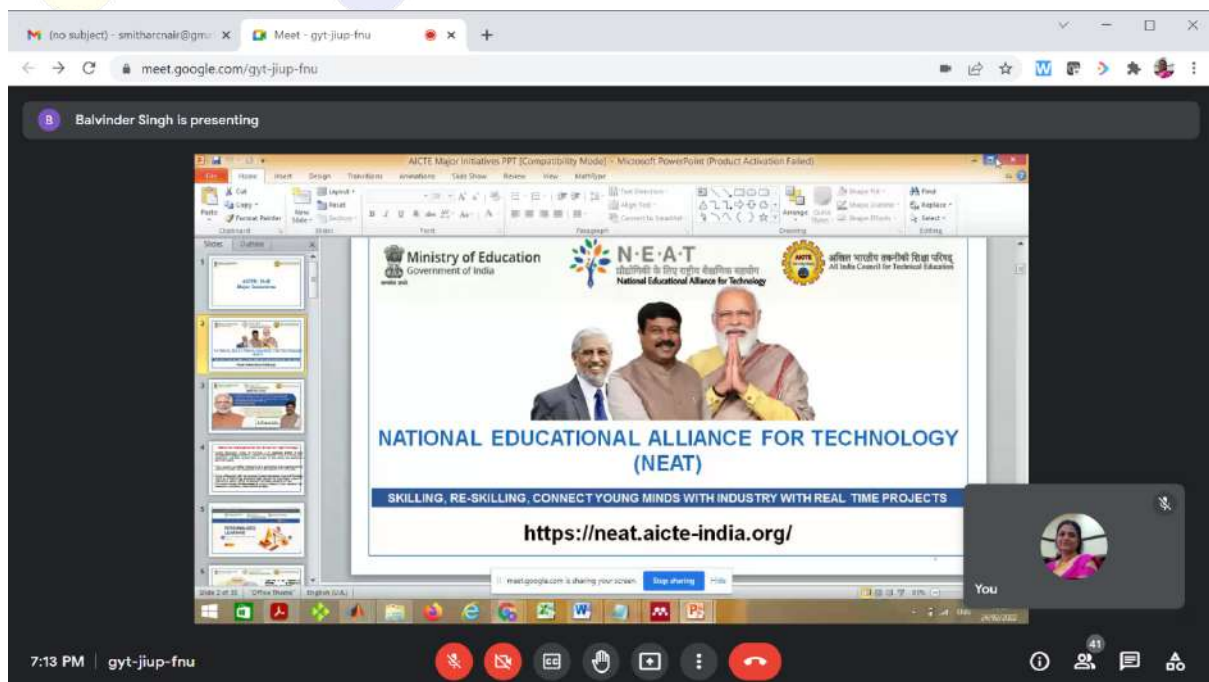
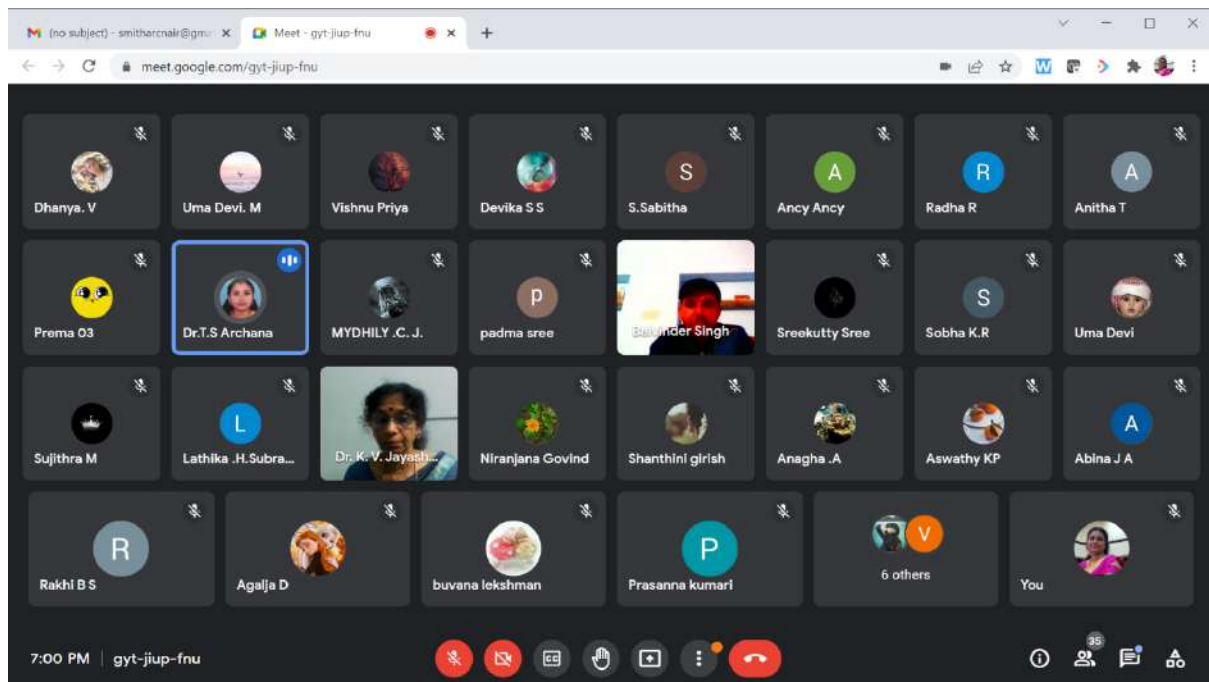
Programme outcome: The workshop on Design Thinking Was aimed to encourage students for involvement in innovative projects in campus. They are also suggested ways to pursue innovation in their thinking and to have more and more participation in IIC activities. The key components for developing innovative projects were explained in detail. The participants got awareness about various schemes and contest related to innovation. The resource person detailed the subject of Ideation and Design thinking and spoke that human centered design is a powerful process of problem solving that begins with understanding unmet customer needs and elaborated about the stages of design thinking. He also spoke at length on the psychological aspects in the critical thinking. The faculty members and students of the institute, who attended the workshop, were highly benefited by the knowledge shared in this field. The session was highly interactive and enlightening for the students.

19. Expert talk on Process of Innovation Development and Technology Readiness Level and Commercialisation of LabTechnologies and Tech-Transfer.

Resource Person- Mr. Balvindra Singh, Asst. Prof of Electrical engineering, Govt. Women Engineering College, Ajmer, Rajasthan

Date : 24/02/2022

No: of participants : 55



Programme outcome: The session on the process of Innovation Development was a highly informative session. The speaker 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. The last part of the session dealt with

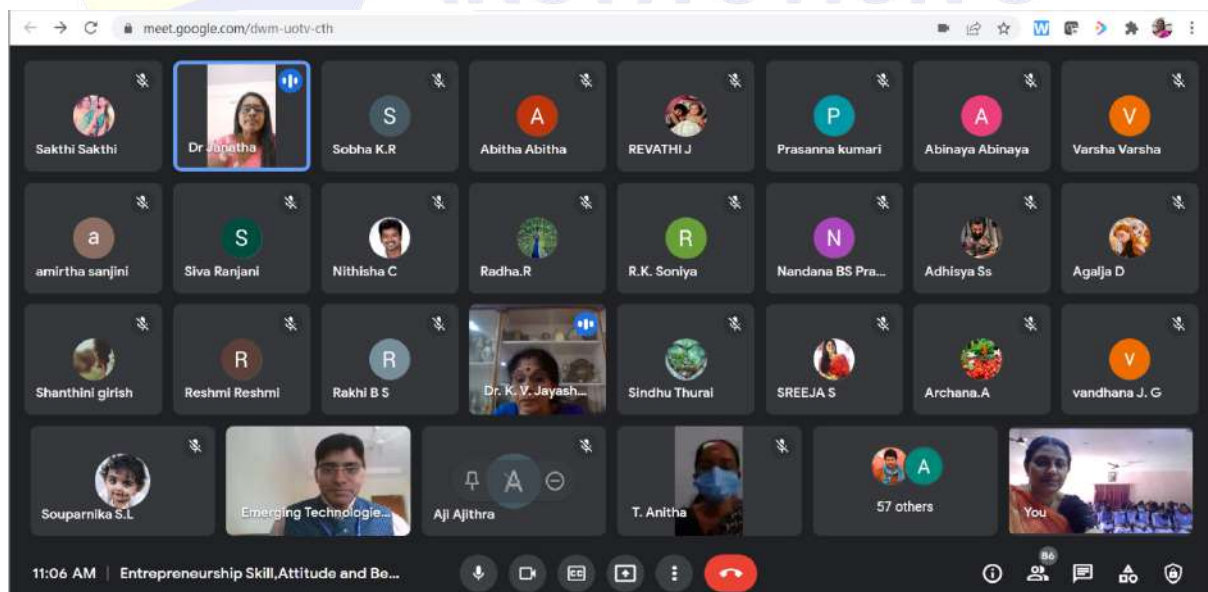
commercialisation of technology and tech transfer. Technology transfer can be accomplished through a variety of methods including licenses to use protected intellectual property and may also include exchange of know-how and materials. The speaker also spoke on the norms of NEAT of AICTE and reminded the audience that upskilling is very important to enhance employability opportunities for students.

20. Workshop on Entrepreneurship Skill, Attitude and Behaviour Development

Resource Person- Dr. Buddha Chandrasekhar, Chief Co-ordinating Officer
AICTE, Ministry of Education

Date : 26/02/2022

No: of participants : 82





Programme outcome: Dr.BuddhaChandrasekhar,the resource person of the session stressed the importance of instilling empathy through entrepreneurial ideals and related "ways of thinking, doing, feeling, seeing, communicating, organizing, and learning things."He pointed on the development of strategic thinking and scenario planning skills, as well as the ability to make intuitive decisions based on little knowledge. He emphasised on developing and stimulating a variety of entrepreneurial behaviours such as seeking for and seizing opportunities, networking, taking initiative, convincing others, and making intuitive decisions which in turn necessitates a diverse set of pedagogical tools. The workshop witnessed the active participation of around 67 students and 15 faculty members. The workshop was indeed a motivating session which will surely equip the participants to pave the way to travel in the field of entrepreneurship.

21.Workshop on Agri-Entrepreneurship-Building a Talent Strategy for growing opportunities in Agri-business

Resource Persons-

1. Dr. S.M.Raffi, Associate Prof. of Aquatic Biology & Fisheries, University of Kerala, Thiruvananthapuram

2. Dr. BennoPeriara, Assistant Professor, Department of Zoology,
University of Kerala, Thiruvananthapuram

Date :17/03/2022

No: of participants : 100





Programme outcome: The main aim of organising agri-entrepreneurship workshop was to promote entrepreneurial culture among the students and to create a vibrant environment for the rural development and to identify promising agricultural and allied areas of business to promote entrepreneurial activity. By adopting innovative ideas in agriculture and allied sectors , agripreneur who is an innovator also, drives the changes in rural economy. So, there is a direct need of making suitable policies and frameworks with action plans for achieving the target of agri-preneurship. The workshop was an informative one. Dr.S. .M.Raffi spoke on the topic – Wealth from Waste:

Sustainable utilization of bycatch fish resources for the production of valuable products. The resource person emphasised that value addition and products diversification are two sides of the same coin and we must diversify our exports by addition of newer species through aquaculture. There is an increasing need for safe and healthy seafood products with high sensory quality. This demand needs to be met by increased seafood production from farming. Dr. Benno Periara delivered the talk on A

22. Session on The Role of Science and Technology for Sustainable Future

Resource Person- Sri.A.V.Sathish, Scientific Officer, Nuclear Power plant, Kudankulam

Date : 19 /03/2022

No: of participants : 55





Programme outcome: As a part of Science Day Celebrations, a seminar was organised to make the students understand the Role of Science and Technology for Sustainable Future. The resource person emphasised on the importance of science communication which formed a very crucial part of the new science and

innovation policy. He urged the students to develop scientific temper which enables the students to think innovative scientific ideas, which has helped in solving major human problems. He also pointed out that science must be based on inquiry and reasoning and stressed that scientific temper is a way of life that uses the scientific method and which may, consequently include questioning, observing physical reality, testing, hypothesizing, analysis and communication. The seminar was very informative and thought provoking. The resource person concluded by stressing that we must use science and technology to overcome the problems and not to create them and that the use of science and technology should do more good than harm.

23. Session on Empowering Education towards Entrepreneurship

Resource Person - Dr. Arun Surendran , Strategie Director and Principal
Trinity College of Engineering, Trivandrum

Date : 01 /04/2022

No: of participants : 65





Programme outcome: The session was very much interesting and interactive. The students were divided into several groups and group discussion was organised in such a way that the students received valuable insights about empowering education through entrepreneurship. The resource person has rightly pointed that entrepreneurial education will enable the students to be self employed and self reliant and provide the youth graduates with adequate training that will enable them to be creative and innovative in identifying novel business opportunities to serve as a catalyst for economic growth and development. The workshop enabled the future student entrepreneurs with.

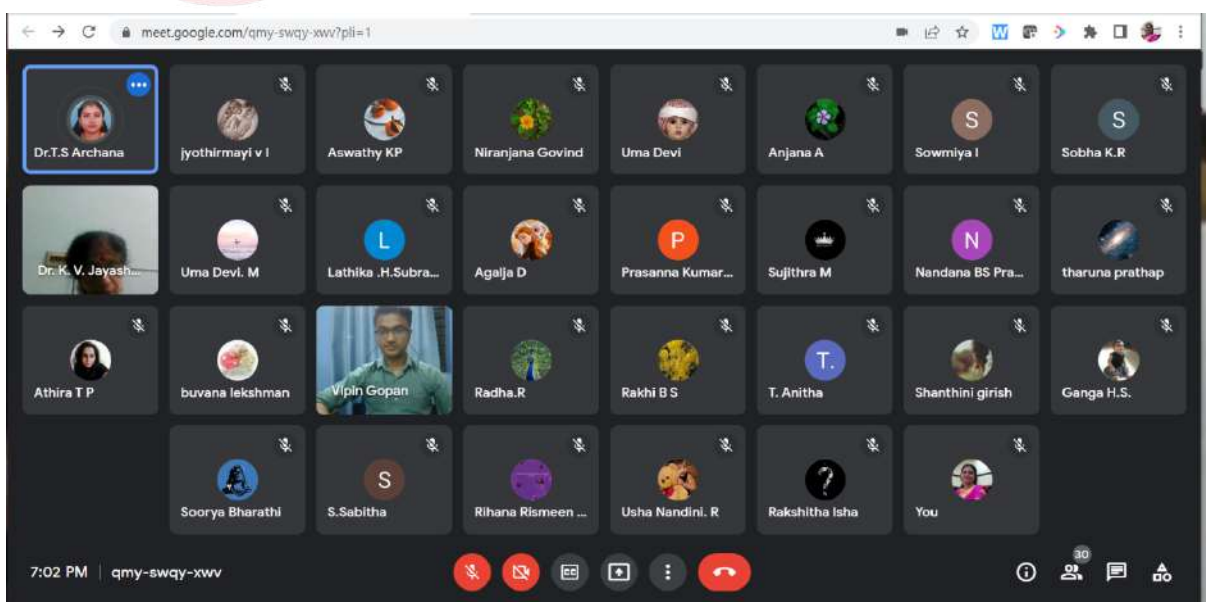
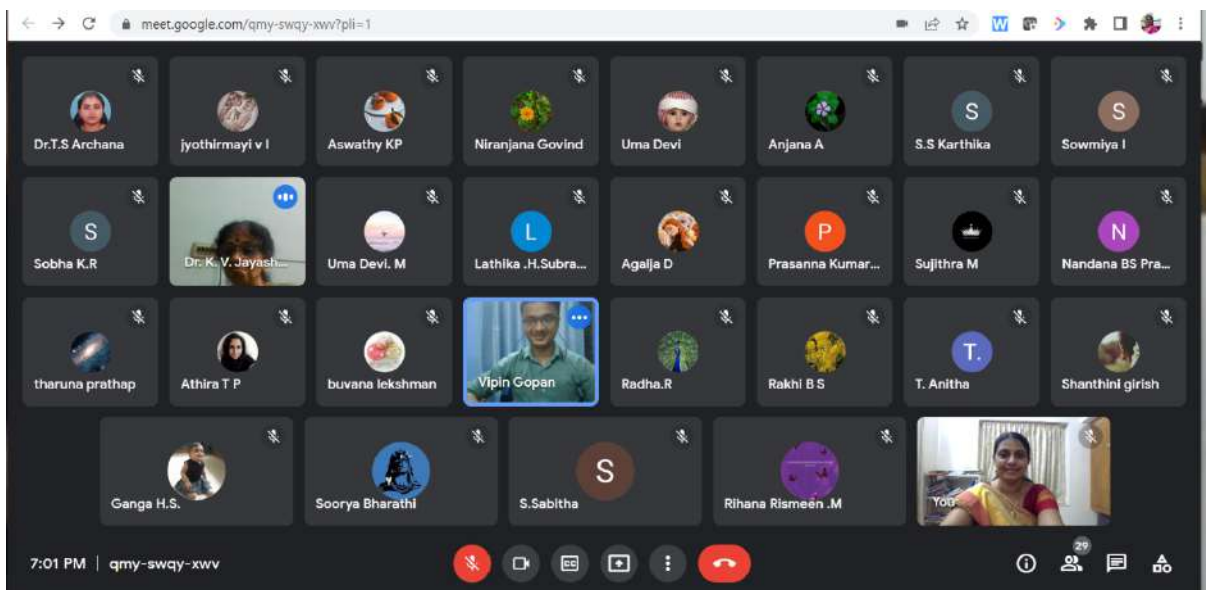
cognitive skills to better evaluate and exploit entrepreneurial opportunities, and increased the level of self-confidence in them

24. Workshop on Prototype/Process Design and Development -Prototyping

Resource Person- Dr. Vipin Gopan, Associate Professor, St.Thomas College of Engineering and Technology, CEO-Kinesys Tech Solutions, CTO Encleaners.

Date : 06 /04/2022

No: of participants : 65



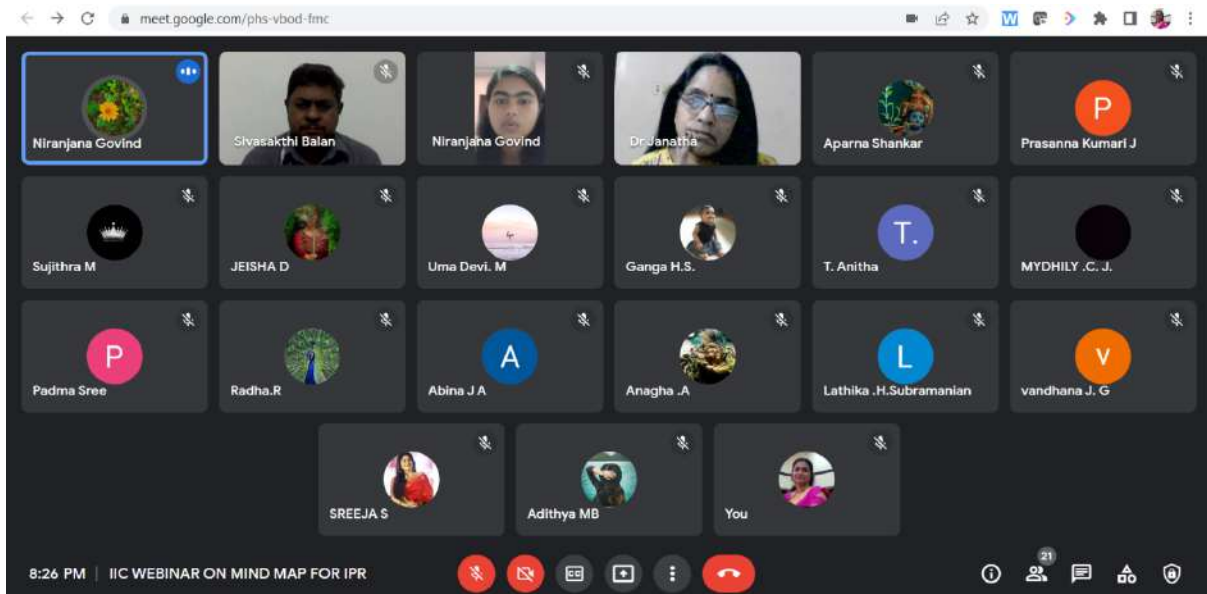
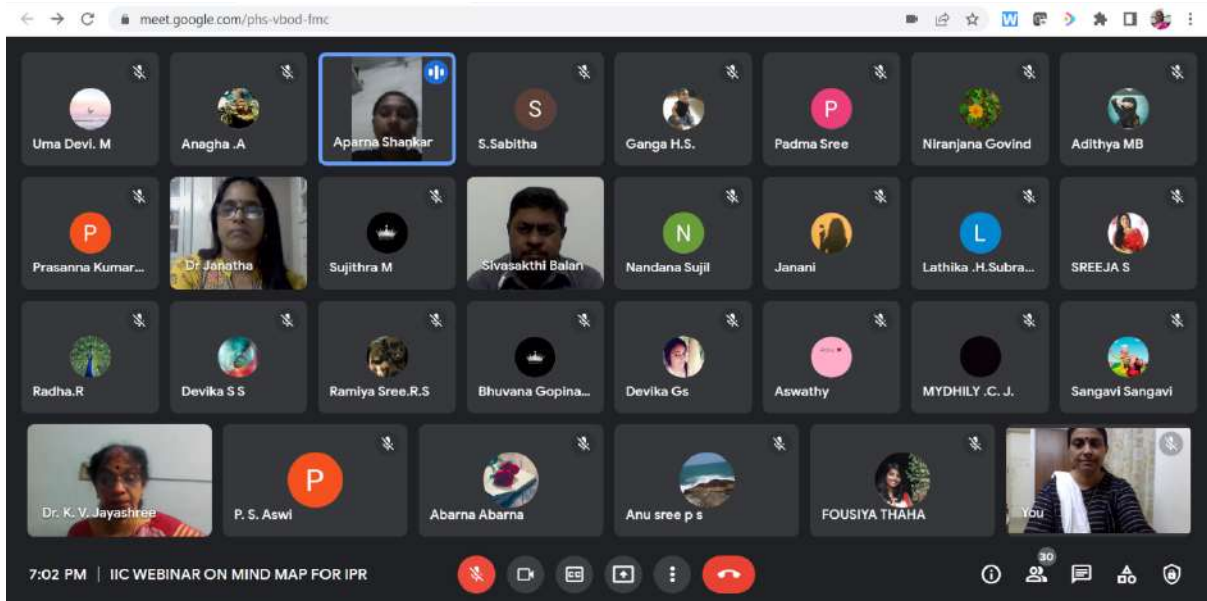
Programme outcome: The objective of the webinar was to gain insights in a design thinking process to carry out some form of prototyping. This involves producing an early, inexpensive, and scaled down version of the product in order to reveal any problems with the current design. Prototyping offers designers the opportunity to bring their ideas to test the practicability of the current design, and to potentially investigate how a sample of users think and feel about a product. The resource person talked about the introduction of the concept of ideation and conversion of idea into prototype. The Speaker has shared a brief insight related to how idea can be transformed into prototype, types of prototype etc quoting 3-D printing technology as a typical example for rapid proto-typing. He emphasised that rapid prototyping is one of the most common applications for 3D printing, which offers a great deal of flexibility in terms of speed and material selection. After completion of the workshop, participants were able to acquire more knowledge on prototyping.

25. Webinar on mind map for IPR

Resource Person- Dr. K.Sivasakthi Balan, Associate Professor, Department of Mechanical Engineering, Sairam College of Engineering, Bangalore. (Ministry of Education Initiative)

Date : 24 /04/2022

No: of participants : 65



Programme outcome: As part of World Intellectual Property Day Celebrations, the webinar on IPR was organised focussing on World Intellectual Property Day 2022's theme - IP and Youth innovating for a Better Future .The resource person of the session, Dr.SivaSakthi Balan elucidated the importance to know Intellectual Property (IP) rights. He briefly explained the types of IPR and its benefits for academic institutions and the contribution of IPR in Par with ARIIA ranking, in light with the benefits of filing patents over publications. In a knowledge based economy, intellectual property rights are very much essential for progressive societal development. He

added that IPR is basic necessity to be a part of local as well as global competitive trade as without dissemination of IPR knowledge and implementation, creating the innovative environment is really impossible. It is essential for policy makers to include IPR in basic educational system and promote IPR registration by encouraging the innovators and creators. India is having all the resources in terms of available raw material, cheap labour, innovative and creative dedicated manpower. No doubt that India and other developing countries will definitely harness its proportionate share in global trade by exploration in Intellectual Property Rights.

26. IP Talk Series from April 26-29, 2022 as part of World Intellectual Property Day Celebrations

Session-1 IP talk on Translating Ideas to Innovations.....What Researchers need to do?

Resource Person- Prof (Dr.).Unnat P. Pandit, Controller General of Patents Designs and TradeMarks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Government of India.

Date : 27 /04/2022

No: of participants : 65

Programme outcome: As part of World Intellectual Property Day Celebrations, the webinar on IPR was organised by MIC, focussing on **World Intellectual Property Day 2022's theme - IP and Youth innovating for a Better Future** .The students and faculty member of SreeAyyappa college for Women actively participated in this event. The objective of IP talk series was to sensitize and strengthen the IP ecosystem in educational institutions thus creating a culture of systematically protecting new ideas, research and innovation having national and global relevance .The resource person of the

session, Prof(Dr.). Unnat P. Pandit pointed out that we have to explore the IP invention which can benefit the society .He quoted examples like production of vaccines in India and development of paper based Covid-19 detection kit by researchers in IIT,Guwahati- thus rapid transition from idea to action, idea into IP,IP into invention and invention to innovation. He also added that we need to enable the people to ideate and need to empower the lives to adapt the invention. He concluded the speech by stating that youth plays an important role in innovation for the better future and building new India towards growing as a developed economy and that we need to create our entire education system in such a way that we offer the best opportunity to the society.

Session-2 IP talk on Best Practices for Documentation of Research and conducting preliminary assessment of patentability.

Resource Person- Dr. Malathi Lakshmikumaran, Executive Director, Lakshmikumaran And Sridharan Attorneys

Date : 28 /04/2022

No: of participants : 65

Programme outcome: As part of World Intellectual Property Day Celebrations, the webinar on IPR was organised by MIC,focussing on **World Intellectual Property Day 2022's theme - IP and Youth innovating for a Better Future** .The students and faculty member of SreeAyyappa college for Women actively participated in this event. The resource person of the session, Dr.Malathi Lakshmi Kumaran explained about the life cycle of IPR and the different types of IPR and claims. She said that the young generation has to think of innovation, brainstorm it and come with wonderful ideas and innovations. She also added that we must think of innovation not for India but for the whole world. She defined innovations as finding new ideas for conducting research to create wealth through IP protection and



commercialization. She talked about commercializing IP and elaborated about the procedure for patentability and importance of documentation. The session was very informative and it gave valuable insights about IPR and patents to the participants.

Session-3 Important aspects to consider while preparing patent specifications.

Resource Person- Dr. Dinesh P. Patil, Deputy Controller of Patents and Designs (Technical Head, O/o CGPDTM), DPPIT, Ministry of Commerce and Industry, Govt of India.

Date : 29 /04/2022

No: of participants : 65

Programme outcome: As part of World Intellectual Property Day Celebrations, the webinar on IPR was organised by MIC, focussing on **World Intellectual Property Day 2022's theme - IP and Youth innovating for a Better Future** . The students and faculty member of SreeAyyappa college for Women actively participated in this event. The resource person of the session, Dr.DineshPatil explained about idea behind a patent and the process of patent. He further elaborated about the specifications and defined that claims are the most crucial part of patents. It is a protective fence around the invention .Therefore claims should be drafted carefully to cover all aspects of invention. He also added that claims define the scope of invention for which protection is claimed. He concluded the speech by stating that IP awareness among all start up society due to policy changes and encouraging environment had led to increase in IPR filing and these efforts will definitely make India move a step closer to its ambition of being the top 25 nations of Global India innovation index. The session was highly informative and interesting to the participants.

Session-4 Assessing Worthiness of Inventions and Creating Strategies for Patenting them outside India.

Resource Person - Prof.(Dr.) Prabuddha Ganguli, Vision IPR, Visiting Professor, Rajiv Gandhi School of Intellectual Property Law, IIT, Kharagpur.

Date : 29 /04/2022

No: of participants : 65

Programme outcome: As part of World Intellectual Property Day Celebrations, the webinar on IPR was organised by MIC, focussing on **World Intellectual Property Day 2022's theme - IP and Youth innovating for a Better Future** . The students and faculty member of SreeAyyappa college for Women actively participated in this event. The resource person of the session, Dr.Prabuddha Ganguli talked about International Agreements and Conventions for patents. He explained about Strategic filing of Patent application abroad and the initial preparation and filing for PCT- International application. He emphasised that rights are territorial and there is no concept of international patent and also elaborated why do we need to protect in other countries and the assessment parameters to identify the countries to file patent with case studies.

27. Internal Hackathon 2022

Date : 30 /04/2022

No: of participants : 65



Programme outcome: Sree Ayyappa College for Women conducted an Internal Hackathon for Smart India Hackathon 2022, an initiative by MHRD and AICTE on April 30, 2022. SIH is the World's Biggest Hackathon and Open Innovation model, an initiative by the Ministry of HRD. Smart India Hackathon 2022 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives. The talented youngsters from all over the country compete creatively to offer out-of-the box solutions to problems and to inculcate a culture of product innovation and a mindset of problem solving. The Problem Statement Themes were Smart Communication,

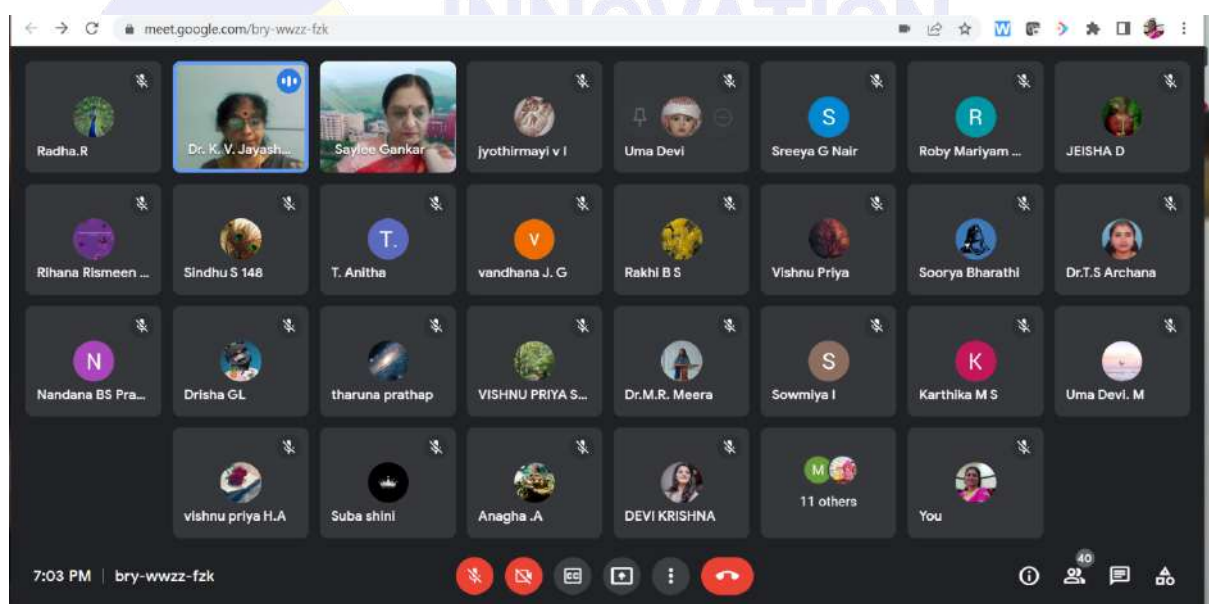
Healthcare & Biomedical devices ,Agriculture & Rural Development, Smart Vehicles, Food Processing, Robotics and Drones, Waste management, Cleanwater, Renewable Energy, Security & Surveillance and Miscellaneous. The students were given 3hours time to develop and demonstrate their Project/Model, and the model developed is evaluated by external jury members. The jury members selected three best themes out of the ideas given by the students.

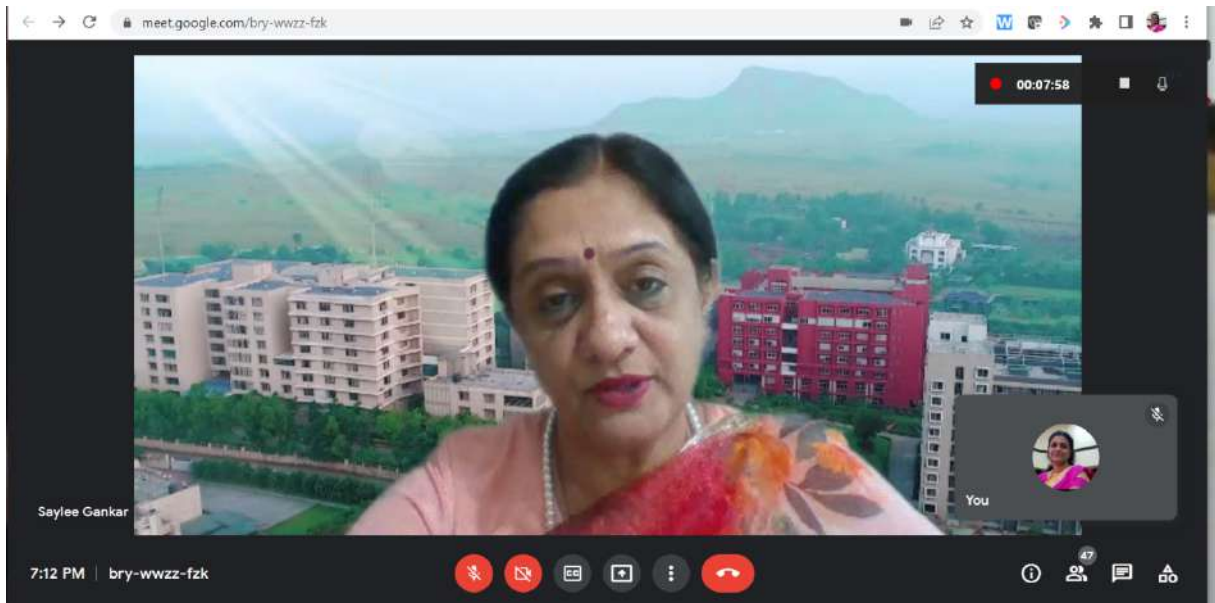
28. Session with Innovation and Start up Ecosystem Enablers

Resource Person- Prof. Dr. Sayalee Gankar, Vice Chancellor, DY Patil University, Pune, Maharashtra

Date : 03 /05/2022

No: of participants : 65





Programme outcome: The objective of the session was to create awareness to the students regarding the innovation ecosystem by transforming new ideas into reality through financial investment. Prof. Dr. Sayalee Gankar spoke on Startup ecosystem and how to venture into entrepreneurship. She also made the students aware of prospective start-ups in the areas of various emerging technologies. She emphasised on fund related information and funding related information for new start ups. She also urged students to be aware on how to innovate on the global problem rather than on local problems. She enlightened the young entrepreneurs on basics of start-ups, including its initiation, raising funds, legal and ethical aspects of startups. She explained the young minds on the path of interpersonal skills and entrepreneurial avenues for women. The session was very indeed a motivational and encouraging one for the students.

29. Session on How to Plan for Start up -Legal and Ethical Steps

Resource Person - Dr. Manoj. M, Associate Professor, Marian Engineering College, Trivandrum

Date : 18/05/2022

No: of participants : 65





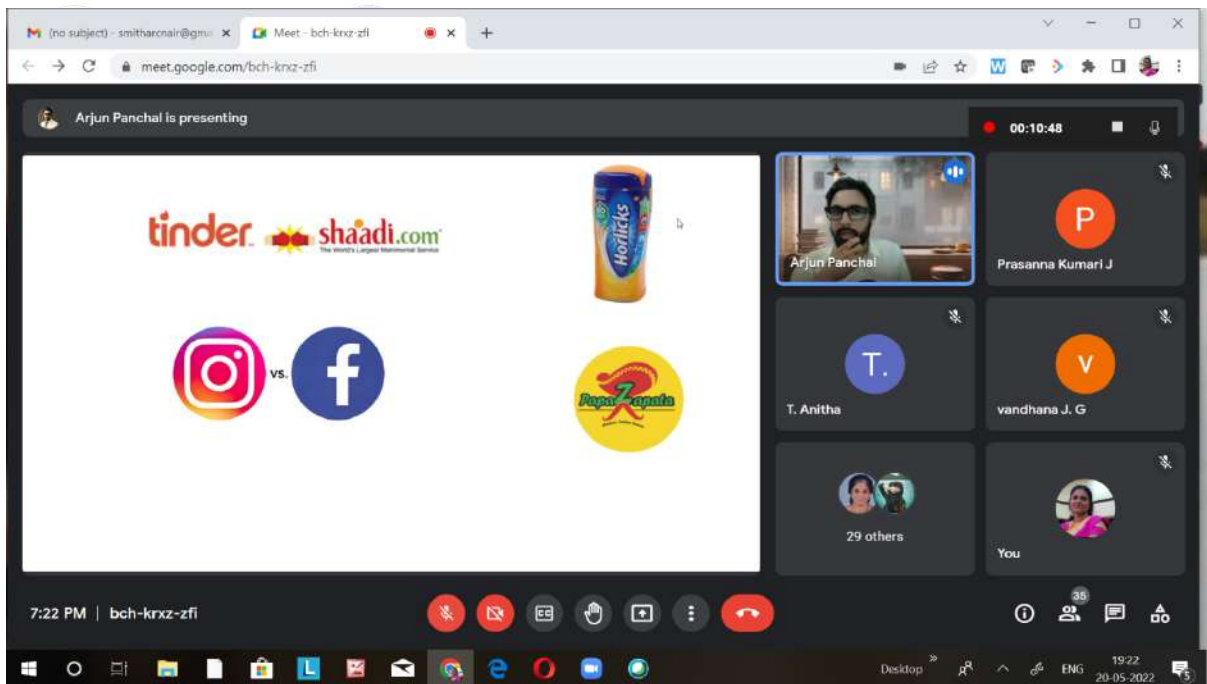
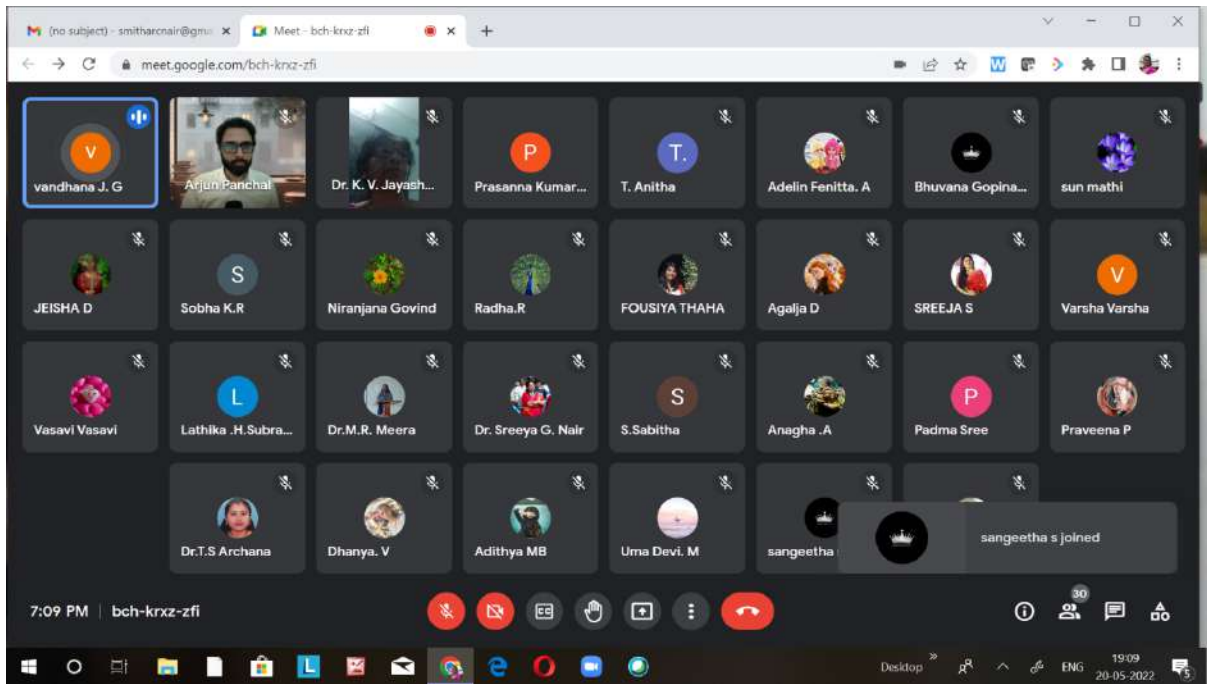
Programme outcome: The session was really informative and inspiring. Dr. Manoj has enlightened the students how to innovate the hidden potential for creative thinking and practical implementation. The resource person highlighted the most important legal and ethical aspects involved in start-ups. The session provided a detailed insight into the importance of adhering to the legal aspects and the need to be ethical. He also added a detailed introduction about Start-ups and shared his business tactics and experience as an entrepreneur with us. He pushed everyone to bring out their innovative and creative ideas and shared his steps of taking the idea and making into reality.

30. Session on Business Model Canvas

Resource Person- Arjun Panchal , Founder and CEO, Papa Zapata –chain of Mexican outlets, Mentor at SIBM,Pune

Date : 20 /05/2022

No: of participants : 65



Programme outcome: The programme helped the students to train themselves to identify the problem, about Problem-solution description, existing and alternate solutions, Key features and value proposition and solution fit description. They also gained knowledge on Competitive analysis and Financial projections. An interactive Q&A session was held where the participants gave their insights on various problems they had come across while validating their start-up. It was indeed an enlightening and inspiring session which ignited the

young minds with the spark of innovation. It served as a milestone in the long journey of innovation in our campus. The programme was envisaged at inculcating the right attitude of innovation among the budding innovators.

31.Field/Exposure Visit to Incubation Centres - Mushroom cultivation Unit

Date : 23 /05/2022

No: of participants : 15

Programme outcome: Institution Innovation Council of Sree Ayyappa College for Women organized a Field/Exposure Visit to Finura Bioteks, Mushroom Incubation Unit situated in Pandarapuram, Kanyakumari on May 23,2022. The main aim of the visit was to allow students to interact with experts of mushroom cultivation and learn from their experiences. The total number of students who participated in this visit was 11 and the number of faculty members was 4. Dr.Prakash,Principal Scientist of Finura Bioteks interacted with students and gave a brief introduction about the importance of mushrooms and its nutritional significance. Students visited the mushroom spawn production lab and company premises and also interacted with their employees. They were exposed to the knowledge of different forms of mushrooms and the detailed procedure of mushroom culture .Dr.Prakash also gave a clear picture of the process of substrate preparation and the importance of mushroom to human health. Students were provided with real life training and exposure to manufacturing and processing of mushrooms. They were sensitized and apprised of the practical challenges faced, troubleshooting done and aseptic conditions needed for mushroom culture. It also enabled the students to acquire knowledge about the significance of mushroom products, the manufacturing procedures adopted and the latest and best modern technologies used in the laboratory. This visit was really beneficial for the students as they were familiarised with the mushroom culture preparation and preservation technique, quality spawn

production technology, practical demonstration of preparation and preservation of culture and quality traits in cultivated mushroom strains and consumer acceptability and the demonstration of the raw materials and formulations for compost for white button mushroom. In nutshell, through this visit, students were exposed to the start-up culture and were encouraged to generate and execute their own ideas.







Report submitted by

Dr. Smitha Nair
IIC PRESIDENT

INSTITUTION'S INNOVATION COUNCIL

(Ministry of Education

Verified by

Dr. K.V Jayashree
PRINCIPAL