



ST. TERESA'S COLLEGE (AUTONOMOUS) ERNAKULAM

INSTITUTION'S INNOVATION CELL

REPORT OF ACTIVITIES: 2019-20



Teacher In-charge

- 1 Dr. Nirmala Padmanabhan President
- 2 Ms. Jency Treesa Convenor
- 3 Dr. Ursala Paul Innovation activity Co-ordinator
- 4 Dr. Tania May Vivera Start-up activity Co-ordinator

Student members of IIC

- 1 Athulya C Menon athulyachandrasekhar@gmail.com Commerce (Regular)
- 2 Devika Satheesh devukutty.1003@gmail.com Commerce (Regular)
- 3 Sheniah Felix sheniafelix30@gmail.com Commerce (Regular)
- 4 Akshaya N.J akshayavicto511@gmail.com Commerce (Regular)
- 5 Sreelakshmy Jayan sreelakshmy432@gmail.com Commerce (Regular)
- 6 Akhila George akhilageorge182001@gmail.com Physics
- 7 Aparna Girish aparnagireesh91@gmail.com Physics
- 8 Eviya stephan stephanjoseph000@gmail.com Physics
- 9 Nandana S resmi5150@gmail.com Physics
- 10 Aarathi Ramesh lataarathi121@gmail.com Commerce (Regular)
- 11 Krishnaveni M K krishna2000veni@gmail.com Economics
- 12 Daniya A daniyaavilabhavan@gmail.com Economics
- 13 Lallu J lallubabu10@gmail.com Economics
- 14 Shyne Mariya Coelho shinemaria6@gmail.com Economics
- 15 Renjini renjinijini343@gmail.com Economics
- 16 Alamelu Chelat alameluchelat62@gmail.com Economics
- 17 Antonia Savio antoniasaviorodrigues@gmail.com Economics
- 18 Devika S. Nair devikasnair2000@gmail.com Commerce (Regular)
- 19 Aiswarya Santhosh aiswaryasantho4400@gmail.com Economics
- 20 Diya Mariam Charles diyamariamcharles@gmail.com Economics

ACTIVITIES

FIRST QUARTER REPORT- JUNE 2019 TO OCTOBER 2019 Formation and Function of Council

https://twitter.com/iic_st/status/1184819850318770178

RESOLUTION

The first council meeting of Institution's Innovation Council (IIC), St Teresa's College(Autonomous) Ernakulam was called by IIC President Dr.Nirmala Padmanaban to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC	Signature
	Dr. Dr.Nirmala Padmanaban	Teaching	President	<i>Nirmala</i>
	Ms Jency Treesa	Teaching	Convener	<i>Jency</i>
	Dr.Ursula Paul	Teaching	Innovation Activity coordinator	<i>Ursula</i>
	Dr. Tania Mary Vivera	Teaching	Start-up activity coordinator	<i>Tania</i>
	Ms. Nimmy Jacob	Teaching	Internship Coordinator	<i>Nimmy</i>
	Ms. Mimi Pious	Teaching	IPR activity Coordinator	<i>Mimi</i>
	Dr.Mary Liya C.A	Teaching	Social media coordinator	<i>Mary Liya</i>
	Ms. Elizabeth Reshmi M T	Teaching	ARIIA Coordinator	<i>Reshmi</i>
	Dr.Usha Nair	Teaching	NIRF Coordinator	<i>Usha</i>
	Mr.Sudheer Mohan	External Expert	External member	<i>Sudheer</i>
	Ms. Lakshmi N.Menon	External Expert	External member	

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organisations to accelerate the activities of IIC. The council also deliberated on **quarterly action plan** in synchronisation with activities and initiatives of other departments, centres and facilities in the institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on **15th October 2019**.

Date: 19.8.2019

Place: Ernakulam

Signature & Seal
(IIC President or HOI)

[Signature]
PRINCIPAL
ST. TERESA'S COLLEGE
Autonomous
Ernakulam

Resolution



Council meetings held in the college

Training attended by the teachers in charge of IIC :

Name of Faculty	Title	Organised By	Date
Ms Nimmy Jacob	FDP on Entrepreneurship at SCMS	KITCO and EDII Ahmedabad (Sponsored by NSTEDB Govt of India)	26.12.2019 to 8.1.2020
Ms Jency Treesa	FDP on Entrepreneurship at SCMS	KITCO and EDII Ahmedabad (Sponsored by NSTEDB Govt of India)	26.12.2019 to 8.1.2020
Dr Mary Liya C A	Innovation Ambassador training program at Rajajeshwari group of institutions, Bengaluru	MHRD Innovation Cell	26.2.2020 to 27.2.2020
Ms Elizabeth Reshma M T	Innovation Ambassador training program at Rajajeshwari group of institutions, Bengaluru	MHRD Innovation Cell	26.2.2020 to 27.2.2020

India First Leadership Talk Series" –August 22nd 2019

https://twitter.com/iic_st/status/1174218820317274114

Innovation cell of St.Teresa's College, Ernakulam organized India First Leadership Talk Series" on "Innovation for Resurgent India" with Dr. Ramesh Pokhriyal 'Nishank', Minister of Human Resource Development, Government of India on August 22nd 2019. The talk was organized as live session with MHRD minister. This programme was conducted as part of Ministry of Human Resource Development, Govt. of India's 'Innovation cell' with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. MHRD's Innovation Cell (MIC) is undertaking multiple major initiatives and currently implementing programs such as Atal Ranking of Institutions on Innovation Achievements (ARIIA), Smart India Hackathon (SIH) 2019 and formation of Institution's Innovation Council (IIC) in more than 1000 Higher Educational Institutions. Students from the Department of Economics, B.Voc, Commerce, BMS, Food and Nutrition attended the session. Dr.Mary Liya C.A, Dr. Tania Mary Vivera coordinated the session. Dr.Nirmala Padmanabhan, President of the innovation cell of St.Teresa's College, gave the brief information of the session. The session gave the students the opportunity to imbibe new ideas, create and thereby enhance their employability after their studies.

The cell act as a platform to encourage the creative energy of our student population to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.



Innovation Day Celebrations -2019 (14th October & 15th October 2019)

https://twitter.com/iic_st/status/1184823196282843136

Innovation day celebrations of the college was celebrated on 14th and 15th of October, 2019. Competitions were organized on the theme “Best of waste”. Teams each with 2 members, FATHIMA RAIHANATH and SANITHA JOHNY of I PG Mathematics were selected as the winners. ANNA RILUSHA P S and JOSCELIA MARIA PHILIP of I Bsc Mathematics were selected as the second prize winners. Ms. Neenu Susan Paul (Assistant professor, Department of Mathematics) and Ms. Anu Valooran (Assistant Professor of the Department of Fashion Designing) were the judges for the day. Winners were awarded cash prizes. The celebration of the innovation day was a huge success. It wouldn't have been possible without the immense support and coordination of the members of the innovation cell of the college who whole heartedly volunteered the competition throughout the program.

Activity III-Hands-On Training In Cloth Bag And Pencil Pouch Making



https://twitter.com/iic_st/status/1185984601002348544

School: St. Teresa's Higher Secondary School, Ernakulam

OBJECTIVES

- To encourage young women to have innovative ideas and skills
- To develop entrepreneurial skills among students
- To make them aware of the activities of the institution towards protection and conservation of environment
- To promote usage of biodegradable products and social entrepreneurship among students

As part of the National Innovation day celebrations, the innovation cell of the college organized a Hands on Training for school students on the making of Eco- friendly Cloth Bags and pencil pouches. 15 students from St. Teresa's Higher Secondary School, Ernakulam participated in the training. The students were given training by Ms. Sivaprabha G Kammath, Final Year Post graduate student of MSc. Resource Management and Interior Designing. She had given training on how to make cloth bags and pencil pouches using waste cloths. The students were enthusiastically participated in the training and requested more sessions of the same.

One day workshop on 'Entrepreneurship and innovation as career opportunity'-14th October 2019

https://twitter.com/iic_st/status/1184822336316268544



On 14th October 2019, the IIC and IEDC jointly organised a one day workshop on entrepreneurship and innovation as career opportunity. Rev. Dr. Sr. Vinita CSST, director of St. Teresa's College and Principal, Dr. Sajimol Augustine graced the program .Ms. Anu Joseph Palathingal, Entrepreneur was the resource person. As the first artisanal cheese maker in Kerala and founder of Casaro Creamery, she shared her various experiences as a businesswoman and encouraged the participants to pursue their dreams.

During the workshop, she stressed the importance of experiments and trials in the field of business, focusing on the inevitability of failures. According to her, what made an entrepreneur different from the rest of society is his or her determination to try and try again. She also emphasized the issues of procrastination and the need to start working on your ideas and for your dreams right now. Comparing the daily life of a corporate employee and an entrepreneur, she stated that, while one may be risk-free and ensure a regular flow of income, the other promises a difficult but satisfactory life - doing what one loved and achieving what one dreamt of. Tips on how to take a business forward was discussed such as importance of being open to instructions and guidance and readiness to take advice from the industry experts and prepare a business plan with a clear vision. She also talked about the need to conduct market studies and methods to create demand. Organizations like TIE , Kerala Start-up and women entrepreneur network were introduced to the students. She ended the session by citing a very inspirational quote from Walt Disney, " If you have a dream you must have the courage to pursue it."

Field/Exposure Visit to Village Kuzhipilly Panchayat conducted by IIC, St.Teresa's College, Ernakulam.-29/09/2019

https://twitter.com/iic_st/status/1189768630822555648

The innovation cell of St.Teresa's College organised a field visit to Kuzhipilly panchayat on 20/09/2019 as part of the innovation activity. Faculty members and students involved in the various wards and families. The problem of waste management was discussed. The village members recycled old clothes to make cloth bags with the help of Kudumbasree members. There are 13 wards with approximately 300 families. Panchayat president Mrs Rajitha Sajeew, Vice president Sri. K A Sivan and Ward member Sri. Chellappan discussed the activities. Some of them are:

- Waste management - classes and mechanism
- Flood relief
- Domestic abuse and women defence awareness and training - classes covering law, rights and counselling- in each ward- for girls between the ages 14 and 25
- Digi locker database
- Mobile banking
- Plastic use reduction- awareness about harms and effects
- Other topics:

- Materials and funds from financial institutions with low or no interest.
 - need for dust bins in the Kuzhupilly beach side.
 - Post evaluation to make sure plans work smoothly.
 - Grants for families and communities for work and livelihood
 - talk with panchayat about plans to make paper and clothes bags with funds and materials
- The discussion ended with agreement on how to conduct various programs by the students that could help the people of Kuzhupilly.



Talk on Opportunities in Food Processing Sector organized by Department of BVoc & IIC, St.Teresa's College, Ernakulam for B.Voc students

A one day talk on “**Opportunities in Food processing sector**” was conducted by Ms. Jeemol Koruth Verghese, founder of Eva’s Healthy Bakes, Kochi on 1st July 2019. Eva’s Healthy bakes is very popular for their organic vegetables to baked goodies. It’s well known for its “No chemical baked products” as they manufacture varieties of whole grain, multi grain, diabetic friendly health breads and snacks which are an excellent alternative for the unhealthy snacks. Ms Jeemol stressed on the ill effects of junk foods and artificial food additives in children. She encouraged the students to practice healthy diets with absolutely no preservatives. Ms Jeemol also motivated the students to be young entrepreneurs and made them responsible to stick on the quality standards of food products when they begin their own startups.



My Story - Innovator’s Life & Crossroad -Motivational Speech by Innovators organized by IIC and B.Voc Department St.Teresa’s College

https://twitter.com/iic_st/status/1189796787491500032



A talk on “Innovation and Entrepreneurship” was conducted by Mr. Prasad Balakrishnan Nair, CEO, Makers Village on 15th July 2019. Maker village, which is specially an electronics incubator in Kerala is jointly set up by Ministry of Electronics and Information Technology (MeitY) & Indian Institute of Information Technology & Management Kerala (IIITM K), Kerala Startup Mission and Govt of Kerala. Makers Village incubates 38 start-ups and aims to incubate 60 startups with full-fledged facilities.

The speaker focused on need of innovations, the plans to nurture the start-ups and provided the students with all the ingredients for setting up new start-ups every year by making them competent to the global markets. He also shared the key features & facilities of the incubators in Kerala. He focused on mitigating the risk that start-ups face while manufacturing the products and also made the students aware of the sources of funds that can be utilised for setting up their start ups.

SECOND QUARTER REPORT-NOVEMBER 2019 TO JANUARY 2019 MINUTES OF THE MEETING OF THE INNOVATION CELL DATED 25.11.2019 AT 2: 15 p.m

The second meeting of Innovation Cell of the College was conducted on 25.11.2019 at 2:15 p.m in the Teresian Innovation and Business Incubation Centre (TIBIC) Conference room under the chairmanship of Dr. Sajimol Augustine M, the Principal of the college.

AGENDA FOR THE MEETING:

- 2.1 Monitoring of the activities of IIC
- 2.2 Planning the activities of the IIC
- 2.3 Allocation of duties to the members

ATTENDEES:

- 1 Dr.Sajimol Augustine M, Principal
- 2 Dr.Nirmala Padmanaban, President
- 3 Dr.Usha Nair, NIRF Coordinator
- 4 Mr.Sudheer Mohan, Industry Expert
- 5 Ms Jency Treesa, Convenor
- 6 Dr.Ursala Paul, Innovation Activity coordinator
- 7 Dr.Tania Mary Vivera, Start-up activity coordinator
- 8 Ms. Nimmy Jacob, Internship Coordinator
- 9 Ms. Minu Pius, IPR activity Coordinator
- 10 Dr.Mary Liya, C.A Social media coordinator
- 11 Ms. Elizabeth Reshma M T, ARIIA Coordinator

DECISIONS TAKEN :

The following are the decisions taken in the meeting.

2.1 The industry expert Mr.Sudheer Mohan suggested to conduct an idea fest in the college to illicit business ideas from the students

2.2 The members of the IIC contributed business ideas and the following ideas for short listed for idea screening and further planning.

- Kitchen (Food for diabetic patients) Teacher in charge –Dr.Tania Mary Vivera
- Baby diapers and personalized baby dresses- Ms. Nimmy Jacob
- Micro garden - Ms Jency Treesa
- Fashion Clinic – Ms.Lekha Srenivas
- Charger Bag- Ms. Minu Pius

2.3 The members jointly discussed activities for the action plan of the second quarter and finalized the same.

ACTION ITEMS:

SL NO	ACTION	PERSON RESPONSIBLE	DEADLINE
1	Uploading the minutes of the meeting and action plan	Ms.Jency Treesa/ Dr.Mary Liya C.A	29.11.2019



Design Workshop on Solar Power bank with Emergency Light on 24th January 2020

A design workshop for the design and construction of a Power Bank with Emergency Light using Solar Panel was conducted for the selected students of the college and members of the IIC student wing on 24th January 2019. The programme was coordinated by Minu Pius, Assistant Professor, Dept of Physics, St.Teresa’s College .the highlight of the design is that it has re-used laptop batteries for energy storage and fully runs on solar panel. The product has USB ports for charging up mobile phones, emergency LED light and digital display showing the amount of charge left in the power bank. The workshop was supervised by Aruna Mohandas and Shilpamol K S of III DC B.Sc. Physics who designed the Power bank as part of their curriculum project.



Visit To Kerala Startup Mission (KSUM)

DATE: 15th January 2020

PLACE OF VISIT: Kerala Startup Mission, Kalamassery

NO.OF STUDENTS: 21

TEACHERS IN CHARGE: Dr.Mary Liya C A, Dr. Tania Mary Vivera, Ms.Nimmy Jacob

DEPARTURE TIME: 10:30 AM

REACHED AT: 11:30 AM

OBJECTIVE:

The main idea of the visit was to show the students members of the innovation cell of St Teresa’s college some of the various functions of KSUM and spreading the spirit of innovation and entrepreneurship among students.

ABOUT KSUM:

KSUM was primarily founded to undertake the planning, establishment, and management of the Technology Business Incubator (TBI), a startup accelerator in Kerala, to promote technology-based entrepreneurship activities, and to create the infrastructure and environment

required to support high-technology -based businesses. Additional goals of KSUM include:

- coordinating the functions of other incubators in the state
- strengthening the entrepreneurship development activities of the state government
- promoting knowledge-driven and technology-based startup ventures by students, faculties, and local entrepreneurs
- planning and implementing linkages with industry and networking activities
- setting up Research and Development facilities
- Encouraging the formation of Innovation and Entrepreneurship Development Cells (IEDCs) and technoparks in academic institutions, and capacity building programmes for human resources.



SUMMARY:

Initially there was a presentation by Miss. Shalini, a chief officer in KSUM, at amphitheater about various services and functioning of KSUM. The main topics discussed in the talk were the activities of KSUM, how it benefits small businessmen, entrepreneurs, investors etc. Shalini maam discussed about the role of a student in the startup mission. Only a student having good entrepreneurial and innovative ideas can take an initiative to start a business. KSUM supports entrepreneurs in developing technology-based business ventures, for example startups with high-technology products. A startup's early development can usually be divided into three stages, pre-incubation (3-6 months), incubation (6-12 months) and an accelerator stage (3-6 months).

The pre-incubation stage mainly focuses on ideation of a potentially innovative idea.

During the incubation stage, startup companies begin product development and prepare themselves for marketing. KSUM provides the startups with modular space, any applicable grants or funding, and mentorship. They also provide services such as entrepreneur training and workshops.

In the accelerator stage KSUM offers a business tool box and a business advisory service, resembling traditional management consulting or mentoring. KSUM will assist the startup in presentations to venture capitalists and investors.

A Fab Lab is a technical prototyping platform for innovation and invention which aims to provide a stimulus for local entrepreneurship and serves as a platform for learning and innovation. It is a small scale workshop offering digital fabrication that empowers the users to create smart devices which can be tailored to local or personal needs.

At the conclusion of the presentation there was a question-answer session. Athulya, a Bcom student, asked a question "our college produces a variety of STEP products. How can we expand our scale of business through startup mission?"

The reply given by Shalini maam was "KSUM is an umbrella platform to various entrepreneurs, innovators, investors etc. We are just facilitators. You have to develop business plans by your own and try to be a B2C enterprise. We will bridge the gap. We will convert job seekers to job creators. Talk was concluded at 12:30 PM by vote of thanks of shine Maria (member of innovation cell) thereafter at 12:30 PM students were taken to the maker village. Maker village is promoting hardware focused innovation through setting up labs and dedicated

centers that focus on current trend and emerging disruptive technologies to bring India to the forefront of innovation in these areas. A walkthrough was organized in the market village. It was coordinated by Mr. Rajiv Kumar, administrating officer of KSUM. The visit ended by 1 PM.

CONCLUSION:

Visit gave the students an opportunity to see functioning of KSUM and also helps to gain knowledge regarding entrepreneurship, development of incubation activities, and development of startup ecosystem and role of students in entrepreneurship.



NATIONAL SEMINAR ON SOCIAL ENTREPRENEURSHIP- 14TH JANUARY 2020

The Department of Management Studies and IIC of St. Teresa’s College, Ernakulam, organized a National Seminar on 14th January 2020, on the topic ‘Social Entrepreneurship: A Social Change Agent’. The seminar was aimed at sensitizing our youth, especially future managers and entrepreneurs about the impending needs to nurture business opportunities with an eye on social value creation. The program was inaugurated by Mr. Vishnu P.R, CEO of C5 Foundation, in the presence of Dr. Sr. Vinitha CSST, Director - St Teresa's College, Dr. Sajimol Augustine – Principal and Dr. Daly Paulose, Head of Dept of Management Studies of St. Teresa’s College. The panel of other eminent speakers included Ms. Lakshmi Menon (Founder-The Pure Living), Mr. Ramesh Menon (Founder-Save The Loom) and Mr. P.M. Abdul Azeez (MD-Azeezia Organic World). The event was jointly sponsored by Ajmal Bismi Enterprise, Creattio Events and Weddings & Hemmer Bespoke Tailoring.



Production Development Phases – Story telling-22/01/2020

Resource person -Nithin Vasant – Co-Founder of NeuroTech Labs Pvt. LTD



Nithin Vasnat is passionate innovator and startup enthusiast with 4+ years of diverse experience

building technology products from scratch. He has served in CXO roles for 2+ years and has successfully spearheaded Project Management, Product Design, Fundraising and Partnership Negotiations. He has also won a fair share of awards & honors for innovation, including a National award from Office of President of India. Sincerely enjoys the adventures and challenges of pioneering new ideas and technologies.

His enterprise, NeuroTech specializes in building next-generation consumer wearable. Primarily focused on developing a Brain Wave mapping Smart earphone wearable that helps users understand their mental health Status

As an engineering student he showed immense liking towards the brain waves and other brain activities. He wanted to do something on this liking of his and so he decided to build a technology capturing the brain waves of the human brains. He called it his girlfriend project as he used to dedicate all his spare time towards this love of his. Although he knew that he was not a very good student he also knew that what he was doing was something good and that he would be able to build up on it.

Nitin started off his project on a small scale but later expanded it because of the vast scope for neuroscience in the medical field. However, he had no clue that his mail to the Indian Institute of Science would prove to be the game changer. He won the Gandhian young technological innovation award and received a sum of rs.15 lakhs. This was paved way for many of his future successes. He said that “I had just completed B.Tech but the other applicants were researchers, IITians and scholars, with the best projects and expertise. I was overwhelmed with joy and pride when I got the award”.

Ask him whether the journey was challenging, and he says, “As there were fewer people to extend support in the field or provide me with inputs, the initial days of my research were a bit tough.” He also told the young entrepreneurs that there were something that helped him reach great heights and that they should know them too, they were:

- One should have confidence to persist
- Learn from each other and keep on learning
- Marks are important but it is not what defines you, so keep on doing those things you believe in.

Women Entrepreneurship Day -2nd December 2019

A seminar was organised by the students of Department of Commerce Regular in association with Entrepreneurship Development Club on women entrepreneurship day on December 2nd 2019. The concept of women entrepreneurship, the outstanding qualities of women entrepreneurs and the problems faced by them were topics discussed in the seminar. The seminar was lead by miss BHAVANA PUROHIT of 2nd B.com.

Women constitute around half of the total world population and India is not an was exception. In the modern societies women have participation in all sorts of activities and now they have started plunging into industries and running their own enterprises quite successfully. Women entrepreneurs may be defined as a women or a group of women who initiate, organize and run a business concern. As an entrepreneur they have to to perform all the functions involved in establishing an enterprise.

In the seminar, the students also discussed some of the leadership qualities a women entrepreneur should possess like willingness to face challenges, patience, optimism, aspiration to reach higher levels, power to withstand uncertainty and resist criticism, desire to guide and lead others etc in order to become successful.

We are living on a male dominated society where women are treated as abalas. They have faced several economic and social problems. Some of the major problems faced by women entrepreneurs were brought up in the seminar. Family restrictions, lack of finance, lack of education and information, role conflict, unfavourable environment, lack of persistent nature

and mental strength, stiff competition and limited mobility are considered to be the major problems that pulls women from being an entrepreneur.

In order to encourage women entrepreneurship several remedial measures are also discussed such as Promotional Help, Training, assistance in Selection of Machinery and Technology, assistance in finance and marketing and ultimately family support which is the most important measure that encourage women to take up lead positions. The seminar was concluded by a note that more women should come forward to take up entrepreneurship and the society should provide a supportive environment to let them shine through.



National workshop on Innovation and Startup in Higher educational institutions

IEDC and IIC of St.Teresa's College jointly organized National workshop on Innovation and Startup in Higher educational institutions . The aim of the workshop is to open up the ventures of innovation and startup in higher educational institutions. Dr. Sam Thomas (Professor, School of Management Studies, CUSAT) was the resource person. He delivered an informative speech on entrepreneurship and its role in the lives of young Entrepreneurs and today's economy. He encouraged students to work on their ideas and start their own businesses since students have nothing to lose as they have not yet started on their lives and are also learning from their experiences as entrepreneurs which is a win even if their businesses fail. He encouraged the students to begin their own businesses, even if it is imitating an enterprise which is successful, as those enterprises play a vital role in developing countries. He asked the young entrepreneurs to believe in their ideas and proceed to make a business out of it as incubation centers such as Kerala Start-Up Mission provide facilities and provisions to nourish such ideas. He also gave out many innovative ideas for the listeners to ponder on.



QUARTER III LEADERSHIP TALK SERIES



MHRD IIC -The leadership talk series Dr. Abhay Jere with Prof. Anil D Sahasrabudhe 9.4.2020

The leadership talk of Dr. Abhay Jere with Professor Anil D Sahasrabudhe was held on 9th April, 2020. It was a live video conference where the interviewer Dr. Abhay Jere, Chief Innovation Officer asks questions to the main speaker. The guest of the day was Prof. Anil D Sahasrabudhe who is the current Chairman of AICTE.

The major topics covered were various AICTE initiatives which will contribute towards the cause of higher education. The major among them were IDEathon and SAMADHAN. IDEathon give the students a chance to serve the Nation by the way of posting practical solutions to various problems especially to Covid 19. Likewise, SAMADHAN is also a mega online challenge where the ability of students and educators to innovate is tested. This work will be done to make citizens aware about the various problems, to motivate them, to face any challenge, to prevent any crisis and to help people to earn a livelihood. Prof. Anil also introduced a web portal named “HELPLINE” which is initiated by AICTE where the students can post their queries regarding the examinations during these lockdown days and will get solutions for the same. Professor Anil also added that they are in a plan to introduce online internships for students during lockdown days, the proposal of which has already been submitted to the concerned authorities.

Participants

1 JIYA JOY IV Semester BCom Regular	8 KARTHIKA E VISWANATH IV Semester BCom Regular
2 HIBA IV Semester BCom Regular	9 Namitha Premkumar IV Semester BCom Regular
3 DEVIKA S NAIR IV Semester BCom Regular	10 Sreelakshmi Jayan IV Semester BCom Regular
4 ATHULYA C MENON IV Semester BCom Regular	11 Sreelakshmi Venugopal IV Semester BCom Regular
5 AKSHAYA N J IV Semester BCom Regular	12 Ms. Jency Treesa Asst Professor , Department of Commerce
6 SEBA PAUL IV Semester BCom Regular	13 Ms. Nimmy Jacob Asst Professor , Department of Home Science
7 OLIVIA MARIAM BABU IV Semester BCom Regular	14 Dr Mary Liya C A Asst Professor , Department of Economics

Leadership Talk Series Dr Abhay Jere: With Prof. Partha Chakraborty 10.4.2020

The leadership talk series of Dr. Abhay Jere with Prof. Partha Chakraborty was held on 10th April, 2020. IIT Kharagpur’s ex- director and current chairman of National Digital Library, Prof. Partha Chakraborty was the main speaker of the talk. The topics included in the talk were the motives of National Digital Library (NDL), its capabilities and relevance. Professor Partha Chakraborty discussed about NDL and detailed that it is a digital mechanism consists of 45 million index collection of materials which covers everything from books to videos, softwares, journals, research papers, thesis etc and categorised in terms of classes to user categories and has 25 lakh active users as of current statistics. The varied features of NDL includes filtration through the content, access to any material, availability of any journals and so on; and currently NDL has 20,000 contributors. Professor also threw light on the global connections of NDL; that is the collaboration with European Consortium, American Library Congress etc. He also added that it is India’s Digital Academic Phase. Currently, NDL is able to handle 30-40 languages and also have a search capability to search content in 10 languages. The future goal or the project working on by NDL is the translation of English contents to Indian languages which enables any Indian reader to get access to the content in their respective mother tongue.



Participants:

- | | |
|--|--|
| 1 JIYA JOY
IV Semester BCom Regular | 8 KARTHIKA E VISWANATH
IV Semester BCom Regular |
| 2 HIBA
IV Semester BCom Regular | 9 Namitha Premkumar
IV Semester BCom Regular |
| 3 DEVIKA S NAIR
IV Semester BCom Regular | 10 Sreelakshmi Jayan
IV Semester BCom Regular |
| 4 ATHULYA C MENON
IV Semester BCom Regular | 11 Sreelakshmi Venugopal
IV Semester BCom Regular |
| 5 AKSHAYA N J
IV Semester BCom Regular | 12 Dr Mary Liya C A
Asst Professor , Department of Economics |
| 6 SEBA PAUL
IV Semester BCom Regular | 13 Ms. Jency Treesa
Asst Professor , Department of Commerce |
| 7 OLIVIA MARIAM BABU
IV Semester BCom Regular | 14 Ms.Nimmy Jacob
Asst Professor , Department of Home Science |

Leadership Talk Series Of Dr Abhay Jere: With Mr Abhishek Singh 11.4.2020

On 11th April , 2020 at 11.00 am, a leadership talk was organised by the MHRD, AICTE and IIC on Twitter. The audience witnessed a live conversation between Jere and Mr Abhishek Singh the CEO of mygov India. The talk started with an introduction of what mygov platform is. It was officially formed in the year 2014 under the guidance of our honourable Prime Minister. This platform acts a bridge between the government and the country. It helps the citizens to engage in and understand the government policies better. Currently, the site is concentrating on the details about the number of COVID cases, the general Dos and DON'Ts and provides all such formation at one place for easier access. He also added that the footprint of this platform is very wide and covers almost all the prominent social media.it contains more than 1 crore Accounts and around 18 million followers on Twitter.



Mr Abhishek Singh further explained that mygov was also seeking out various solutions through technology and this has been utilized in the process of contract tracing in the Arogyasethu app. They also came up with various initiatives like pledge for the curfew and stay at home campaigns to encourage people to stay indoors. Jere then asked about the data management of mygov as a large quantity of data is flowing in these days. Mr Abhishek Singh raised his concern that since everybody was keen on sharing ideas these days, they have to face data overload issues as their chat bots were crossing the message limits of WhatsApp. And thus, they have to bring mechanisms to address the issues. Another question was raised if the mygov was having any initiatives for the poor people. Mr Abhishek Singh answered that mygov has collaborated with Google to help the NGOs to locate the nearest shelter homes or centers. The last question of the question was on the expectations from youth. Mr Abhishek

Singh said that most of the people involved in the operations of the app were in the average age group of 20-25 and that their involvement is highly commendable. The volunteers are engaged for communication dissemination or buying groceries for elderly people. These volunteers are mostly youngsters and he concluded by stating that the involvement of the youngsters is something that is definitely appreciable and commendable.

Participants:

- | | |
|--|---|
| 1 JIYA JOY
IV Semester BCom Regular | 6 Namitha Premkumar
IV Semester BCom Regular |
| 2 HIBA
IV Semester BCom Regular | 7 Sreelakshmi Jayan
IV Semester BCom Regular |
| 3 DEVIKA S NAIR
IV Semester BCom Regular | 8 Sreelakshmi Venugopal
IV Semester BCom Regular |
| 4 ATHULYA C MENON
IV Semester BCom Regular | 9 Ms. Jency Treesa
Asst Professor , Department of Commerce |
| 5 OLIVIA MARIAM BABU
IV Semester BCom Regular | 10 Ms.Ursala Paul
Asst Professor , Department of Mathematics |
| | 11 Dr Mary Liya C A
Asst Professor , Department of Economics |

Leadership Talk Series Of Abhay Jere With Dr V K Saraswat 13.4.2020

A leadership talk was conducted on 13 th April 2020 by the MHRD , AICTE and IIC on the Twitter platform. The audience witnessed a live conversation between Jere , the chief innovation officer at the MHRD innovation cell and Padma Bushan Dr VK Saraswat , the member of NITI ayog. The conversation was based on the present hot topic that is COVID-19.



Dr VK Saraswat shares the information that the NITI ayog has advised the government of India to help the daily wagers , MSME and BPL people in these times of darkness by providing them financial assistance such as no wage cuts, no EMI etc. Taking into consideration these advises the government of India has given a package of 1.7 lakh crore for this purpose. He also emphasized that the government of India must collaboratively work with the private sector in order to fight COVID-19 by producing more ventilators and N95 & 99 masks.

Dr Saraswat also points out his views on post COVID-19 India. He says that India must take this pandemic and turn it into an opportunity. This is because the bilateral trade of the other countries will reduce and most countries will reduce their dependency on China. At that time India must use this opportunity to attract industries to establish their business in India .He says that we too will have to reduce our dependency on china.

As a message to the community Dr VK Saraswat added that India should invest more in biotechnology and develop more industries like IIV in puna because we must prepare ourselves for such bio disasters. He pointed out to us the lack of convertibility of medical technology into mass production scale and supply chain mismanagement in the pharmaceutical industry. He ended by adding that the government of India would focus more on employment growth rather than on GDP growth as a lot of people are loosing their jobs due to this pandemic.

Participants:

- | | |
|--|---|
| 1 JIYA JOY
IV Semester BCom Regular | 6 Namitha Premkumar
IV Semester BCom Regular |
|--|---|

2 HIBA
IV Semester BCom Regular
3 DEVIKA S NAIR
IV Semester BCom Regular
4 ATHULYA C MENON
IV Semester BCom Regular
5 OLIVIA MARIAM BABU
IV Semester BCom Regular

7 Sreelakshmi Jayan
IV Semester BCom Regular
8 Sreelakshmi Venugopal
IV Semester BCom Regular
9 Ms. Jency Treesa
Asst Professor , Department of Commerce
10 Ms.Ursala Paul
Asst Professor , Department of Mathematics
11 Dr Mary Liya C A
Asst Professor , Department of Economics

Leadership Talk Series With Dr. Abhey Jere Chief Innovation Officer MHRD And Dr.Anand Deshpande Founder And Chairman Of Persistent Systems Ltd. 14.4.2020

In this lecture session Dr.Anand gave insights for strategies that will pave new path for the future economic development. Dr.Anand viewed that this outbreak as a short run phenomena and this will bring new opportunities and new beginnings. He appreciated the way in which India is maturely handling this pandemic, and still managing the productivity in many sectors using technological brilliance, despite the prevailing conditions. He said that this will help India to emerge as a world leader in areas related to economics, politics, business, healthcare, security etc. The need of the hour is our survival and this outbreak will definitely showcase our strength as a team and how can we boldly face a problem. He highlighted that we are prepared technically and biologically to face this pandemic. This new situation also has binded the people together. He visualized that Post Covid period will certainly open ways for new innovations and engage in a number of activities as we are looking technology as never before. The talk was highly motivating that it inspired the viewers to enhance the skills and use this opportunity to build up the mental muscles and grow more as an individual.



Participants:

1 JIYA JOY
IV Semester BCom Regular
2 HIBA
IV Semester BCom Regular
3 DEVIKA S NAIR
IV Semester BCom Regular
4 ATHULYA C MENON
IV Semester BCom Regular
5 OLIVIA MARIAM BABU
IV Semester BCom Regular

6 Namitha Premkumar
IV Semester BCom Regular
7 Sreelakshmi Jayan
IV Semester BCom Regular
8 Sreelakshmi Venugopal
IV Semester BCom Regular
9 Ms Elizabeth Reshma M T
Asst Professor , Department of Mathematics
10 Ms.Ursala Paul
Asst Professor , Department of Mathematics
11 Ms.Nimmy Jacob
Asst Professor , Department of Home Science

Leadership Talk Series With Dr.Abhey Jere Chief Innovation Officer ,Mhrd ,Gol And Ms.Shradha Sharma Founder And Ceo Of Yourstory.Com 15.4.2020

Dr.Abhay Jere and Ms.Shradha Sharma discussed on her growth as an entrepreneur, Covid outbreak ,and how positivity has helped her grow. She had started her career in 2008 and she struggled in her initial period to get firm in her roots. But she worked hard with dedication and

had the instinct to hold on. Her main inspiration behind this is that not everyone can communicate that well, but everyone has got that story that the world should hear. Initially there was no one where she could ask help for. Many media platforms had rejected her investment proposals but she continued her will to look forward hopefully. Initially she never had a team but completed her works with the help of freelancers and friends and family where she could rely upon.



She stressed the point to learn from failures and rejections which on the other had helped her grow as a strong and resilient entrepreneur. Another major thing she projected was to love ourselves in the process and also emphasized the importance of music and meditation in the development of people. She concluded the conversation by saying that Investment and Entrepreneurship can happen over time only and is a process and cannot happen overnight.

Participants:

Namitha Premkumar
IV Semester BCom Regular
Sreelakshmi Jayan
IV Semester BCom Regular
JIYA JOY
IV Semester BCom Regular
HIBA
IV Semester BCom Regular

DEVIKA S NAIR
IV Semester BCom Regular
ATHULYA C MENON
IV Semester BCom Regular
OLIVIA MARIAM BABU
IV Semester BCom Regular
Ms.Minu Pius Asst Professor , Department of Physics
Ms.Mary Liya C A Asst Professor , Department of Economics

Leadership Talk Series Of Abhay Jere: With By Dr.Vinay Sahasrabuddhe 16.4.2020



Dr.Abhay Jere with Dr.Vinay Sahasrabuddhe- President ICCR (Indian Council for Cultural Relations)

A leadership talk was conducted on 16 th April 2020 by the MHRD, AICTE and IIC on the Twitter platform. The audience witnessed a live conversation between Jere, the chief innovation officer at the MHRD innovation cell and Dr.Vinay Sahasrabuddhe- President ICCR (Indian Council for Cultural Relations)

Dr.Vinay Sahasrabuddhe narrated on how the idea for a platform for help givers and help seekers came to ICCR when at Delhi and at many other cities migrant labourers were on the street. They required help for food, shelter and other things. Here the volunteers or facilitators came forward to help the marginalised and deprived. Through Ican platform, lot of youth came forward to help the people in distress. People even from the foreign countries also came forward to help these people by sending money, medicines, and offering consultancy assistance.

Post Second World War there was an urge to influence the world by the way we think. That is by occupying the mind spaces. In cities like Beijing or Tel Aviv we can see traces of Americanisation. So we see Mandarin America or Hebrew America in those places. But in India, there is only Indian flavour. India's power is soft power. Indian philosophy is famous for the idea of 'Vasudeva kudumbakabam' - world is one family and we live and we let others also live. Dr.Abhay Jere asked about how India handled Covid in a more mature way than the western world.

We followed a Humanitarian approach and felt that it is the duty to help others all around the world. India is an enigma to other countries. Spread the message about India in vivid ways. We can go extra mile by working over time by the academia. The tourism can also spread the message about India—experience India by exposure

Indian teachers help the students with their personal problems which are very rare in western cultures. ICCR has Visit India programs for some days for the foreigners where they can come and experience India. Dr.Vinay Sahasrabudde asserted that Soft power will help India in way forward.

Participants:

Namitha Premkumar	DEVIKA S NAIR
IV Semester BCom Regular	IV Semester BCom Regular
Sreelakshmi Jayan	ATHULYA C MENON
IV Semester BCom Regular	IV Semester BCom Regular
JIYA JOY	OLIVIA MARIAM BABU
IV Semester BCom Regular	IV Semester BCom Regular
HIBA	Ms.Minu Pius Asst Professor , Department of Physics
IV Semester BCom Regular	Ms.Mary Liya C A Asst Professor , Department of Economics

LEADERSHIP TALK SERIES OF ABHAY JERE : WITH MR.RONNIE SCREWVALA 17th april,2020



A leadership talk on behalf of MHRD Innovation Cell was held on 17th April,2020. The talk was led by Dr.Abhay Jere, chief innovation officer and the speaker was Mr.Ronnie Screwvala who is the co-founder of UTV software communications and the current chairman of UpGrad, a niche online education service provider.

More or less the entire session was some sort of a motivational talk for budding entrepreneurs. The speaker addressed the audience with his own life's examples.

The answers given by Mr.Ronnie to each of the questions asked were quite interesting. According to him, failures are daily part in process but we move on. He also wants the youngsters to calibrate themselves at this special point of time. He advises the students and learners not to lose a single opportunity and also to brainstorm that how they are going to get in the front line. He added that this is actually a 'false censoring period' and to use it wisely.

Towards the end of the session, Mr.Ronnie puts forward some tips for the budding entrepreneurs. He asks to gain experience by working in a small organisation as it is highly essential before starting a venture and also added that a strong foundation with all personal

qualities such as discipline, time boundness etc help in accomplishing goals in a more faster way. Then he spoke about his areas of research and studies and various activities in which he engaged. Mr.Ronnie observes the Covid 19 pandemic in an optimistic view and hopes to have incredible opportunities in the non-glamorous sectors like farming and energy in the near future. He also added that post Covid 19 world will push the education sector to become more digitized. He ended up the session by pointing out that Entrepreneurship is the only key factor which will move our country forth towards growth and success incoming years and so, explore opportunities in every field as there is a lot of time to spare now.

Participants:

Namitha Premkumar IV Semester BCom Regular	DEVIKA S NAIR IV Semester BCom Regular
Sreelakshmi Jayan IV Semester BCom Regular	ATHULYA C MENON IV Semester BCom Regular
JIYA JOY IV Semester BCom Regular	OLIVIA MARIAM BABU IV Semester BCom Regular
HIBA IV Semester BCom Regular	Ms.Jency Treesa Asst Professor , Department ofCommerce
	Ms.Mary Liya C A Asst Professor , Department of Economics

Report On The Leadership Talk – Dr Abhay Jere With Prof. Kk Aggrawal 18.4.2020



A leadership talk was organized by the MHRD , AICTE and IIC on the 18 the of April at 11 am at the Twitter platform. The audience experienced a live conversation between jere , the chief innovation officer at the MHRD innovation cell and professor KK AGRAWAL, the chairman of the National Board of Accreditation . He talks about youngsters loosing their jobs if they study in a non accredited institution. The talk was considered to be critical both for the students as well as the teachers.

The session began with a question of what NBA was and such an Accreditation is necessary. To this question professor KK AGARWAL respond by putting limelight on the quality of the education. He points out how much the quality of the education that we receive today is important and by doing so he points out that NBA is such an authority that ensure the quality of education that is being provided. The question however was on difference between an UGC approval and an NBA approval. He says that the fundamental difference between an UGC approval and an NBA approval is that UGC provides approval just by looking at the learning inputs but NBA provides approval and Accreditation only if the educational outputs are good. He also points out that NBA accreditation is very much taken into consideration both at international colleges and companies. According to professor, MNCs today are only looking for employees who have been graduated from a NBA accredited college.

The next question that araised was something of concern, the question was that if such an Accreditation would affect the students and staff. To this question, without even thinking for second, professor KK AGARWAL respond that it would definitely affect a student's future. He says a student who has been graduated from an NBA accredited college will have more value compared to a student coming from a non-accredited college. Today everyone is concerned about quality and NBA ensures quality. Thus, in today's world NBA is seen as a common denominator of quality.

He also adds up by saying that one of the rising issues today is that students are facing problems at international colleges and employees are being thrown out of the company if they were not graduated from an accredited college. At the present, it is not a healthy picture because only 14- 15% of colleges are accredited in India. The major reason for this is because the standards of NBA is high and at present there are only a few colleges who were able to pass those standard. According to professor, these standards are just primary ones and that they would never dilute them. For the accreditation purpose the colleges in India are divided into tier 1 colleges and tier 2 colleges. With a heavy heart he says that most of the accreditation have taken place in tier 1 colleges only.

Professor KK AGRAWAL concludes by saying that it is their duty to make the college think themselves worthy of Accreditation this is because , it is the present need of the hour, more and more accredited colleges must come up. He adds up by saying that he plans to achieve this by mentoring as many colleges as they can and encourage them to take Accreditation. The session was concluded with a hope that in future at least 50% of the Indian colleges would be accredited so that it would be possible to provide the students with the best education.

Participants:

Namitha Premkumar	DEVIKA S NAIR
IV Semester BCom Regular	IV Semester BCom Regular
Sreelakshmi Jayan	ATHULYA C MENON
IV Semester BCom Regular	IV Semester BCom Regular
JIYA JOY	OLIVIA MARIAM BABU
IV Semester BCom Regular	IV Semester BCom Regular
HIBA	Ms.Jency Treesa Asst Professor , Department ofCommerce
IV Semester BCom Regular	Ms.Minu Pius Asst Professor , Department of Physics

Leadership Talk Series With Dr.Abhay Jere And Yashraj Bharadwaj Co-Founder,Zenith Vipers And Partner, Ensure Equity On April 20th,Mon)



This seems to be one of the most inspiring talk sessions in this series. Yashraj who is just 20 year old, Entrepreneur and Research Scholar who with his brother Yuvraj Bharadwaj has conquered heights of success at a very young age. They had started their research and business lifestyle early,when they were in their 6,7th grades. They both were much interested in Cricket, which is their other subject of interest. Both were really interested in experimenting new stuffs and got in the category of research scholars, While in their 7th grade and enjoyed their journey in that ecosystem. They made their first business model out of a research, while in school and started getting independent from 12yrs.They went for various competitive fests, Tech fests and earned money through cash prizes and later came as judges for various competitions. Both Yashraj and Yuvraj were fascinated in research papers in Academia and invented cost-effective pumpkin purifier which was 10times cheaper than ordinary purifiers. US Companies offered them half a million if they agreed working with them and they joined the company in the Bangalore region. Now they do System Indication Projects, Hardware Supplies, Researches, Green Computing and Investing in various platforms. They also provided many opportunities to school and college dropouts by seeing their past projects and reports and not by just focusing on their marks and school/college performance. Their Mission is to globally brand India in

terms of research and create a mark. This talk is not just a motivation for youngsters out there but for everyone who dreams big and grabs opportunities in life.

Participants:

Namitha Premkumar	DEVIKA S NAIR
IV Semester BCom Regular	IV Semester BCom Regular
Sreelakshmi Jayan	ATHULYA C MENON
IV Semester BCom Regular	IV Semester BCom Regular
JIYA JOY	OLIVIA MARIAM BABU
IV Semester BCom Regular	IV Semester BCom Regular
HIBA	Ms.Jency Treesa Asst Professor , Department ofCommerce
IV Semester BCom Regular	Ms.Minu Pius Asst Professor , Department of Physics
Ms. Elizabeth Reshma Asst Professor , Department of Mathematics	

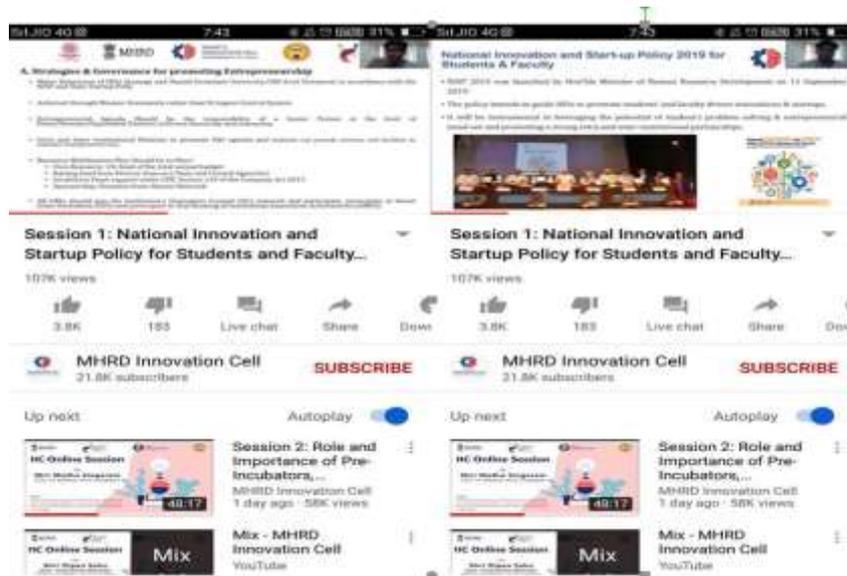
Leadership Talk Series With Dr.Abhay Jere with Shri Dipin Sahu on 28th April 2020

The talk of Shri Dipin Sahu was held on 28th April 2020.It was a live online session and there was huge participation of students and faculty members from educational institutions all over India. The talk was led by Shri Dipin Sahu (Assistant Innovation Director/National Co ordinator- NISP,IIC &ARIIA,MBA/PGDM in IEVD program, MHRD'SInnovation cell, AICTE .The major topics were National Innovation and Start-up Policy for faculty and students. It gave really a guiding framework for implementation. He has explained the importance we should give for Startup and National Innovation. There were many representations regarding NISP (National Innovation and Start-up Policy and IIC(Indian Investment Centre) Trust areas of NISP were discussed and it will help the students to set a mind for entrepreneurship and start up. He discussed about the role of SIH (Smart India Hackathon) in innovation and entrepreneurship. SIH has started in 2019 which helps how to use new technologies, strategies, aspects. Policies of NISP were also discussed.

Steps in innovation and entrepreneurship by government were also discussed. Teachers and students should make a mind set for entrepreneurship.1% of total fund from the innovation fund of every college ought to use for this. He has also added that we must carry the activities for the start up during our semester break and vacation. The resource person gave a deep insight on the innovation and entrepreneurial activities that can be pursued by students.

Participants:

Namitha Premkumar	DEVIKA S NAIR
IV Semester BCom Regular	IV Semester BCom Regular
Sreelakshmi Jayan	ATHULYA C MENON
IV Semester BCom Regular	IV Semester BCom Regular
JIYA JOY	OLIVIA MARIAM BABU
IV Semester BCom Regular	IV Semester BCom Regular
HIBA	Ms.Jency Treesa Asst Professor , Department ofCommerce
IV Semester BCom Regular	Ms.Minu Pius Asst Professor , Department of Physics
Ms. Elizabeth Reshma Asst Professor , Department of Mathematics	



Leadership Talk Series With Dr.Abhay Jere with Mr.Muthu Singaram CEO, IIT Madras, and HTIC incubator founder vibazone 29.4.2020

The second day of online session of institutions' of innovation council MHRD's innovation cell detailed about incubation. The one hour presentation was taken by Mr.Muthu Singaram CEO, IIT Madras, and HTIC incubator founder vibazone. He has been working with entrepreneurs, companies, individuals, governmental organization regional industries etc... for 25 year. As per IIC calendar activity this session was on the topic-ROLE AND IMPORTANCE OF PREINCUBATORS, INCUBATORS, ACCELERATORS IN HEIs –harnessing innovation entrepreneurial potential of students and faculties at early stage.



The main learning objective of this session was why is important to have an incubator in our institution. It is said that incubator development team should apply a systematic approach to planning an incubator exploring step by step and that includes the feasibility study planning, the incubators business plan and the incubators policies. In this phase learning and capacity building of development is very important. Through online training recourses, incubation study tours, incubator network and events learning capacity can increase. Through these steps it designs our incubator.

The second part of the session dealt with the difference between pre-incubation, incubation and acceleration. Handling of financials of the incubators and funding has its own role in the implementation of incubators. The incubator manager has to find the resource of funding and he has to manage the financial stability of the incubator. The services the incubators should provided are discussed in the presentation .and thus the third section of the presentation detailed about the staffing and funding for incubators.

The last section was dealt with mentoring and networking for incubators. Elements and types of mentoring were discussed. Mentoring programs help start-up go to market faster and it enables survival rate of entrepreneurs. Accelerate learning and confidence building of the entrepreneurs is gained through mentoring. Mentors approach and network should enable budding entrepreneurs a life. Thus this session provided all components of innovation and entrepreneurship ecosystem.

Participants:

Namitha Premkumar	DEVIKA S NAIR
IV Semester BCom Regular	IV Semester BCom Regular
Sreelakshmi Jayan	ATHULYA C MENON
IV Semester BCom Regular	IV Semester BCom Regular
JIYA JOY	OLIVIA MARIAM BABU
IV Semester BCom Regular	IV Semester BCom Regular
HIBA	Ms.Jency Treesa Asst Professor , Department of Commerce
IV Semester BCom Regular	Ms.Minu Pius Asst Professor , Department of Physics
Ms. Elizabeth Reshma Asst Professor , Department of Mathematics	

Leadership Talk Series With Dr.Abhay Jere Ms.Vandana Thakur, Emerging Entrepreneur 30.4.2020

Today we attend the live session on *Hangout with Emerging Innovator & Entrepreneurs* supported through MIC & AICTE. The sessions were took by Ms.Vandana Thakur and Mr.Amit Sanjay Lokhande.

First talk was lead by a budding Innovator cum Entrepreneur, **Ms.Vandana Thakur**, Ph.D Research Scholar of L M College of Pharmacy, Ahmedabad. AnV-Stat, a Homeostasis Formula based Gauze for First-Aid-Kit which arrests bleeding in less than 60 seconds, is her innovative designed product. She has also received recognition for 2 more innovations in the field of healthcare at the ideation stage.

Recognition she got through MHRD’s Innovation Cell and AICTE

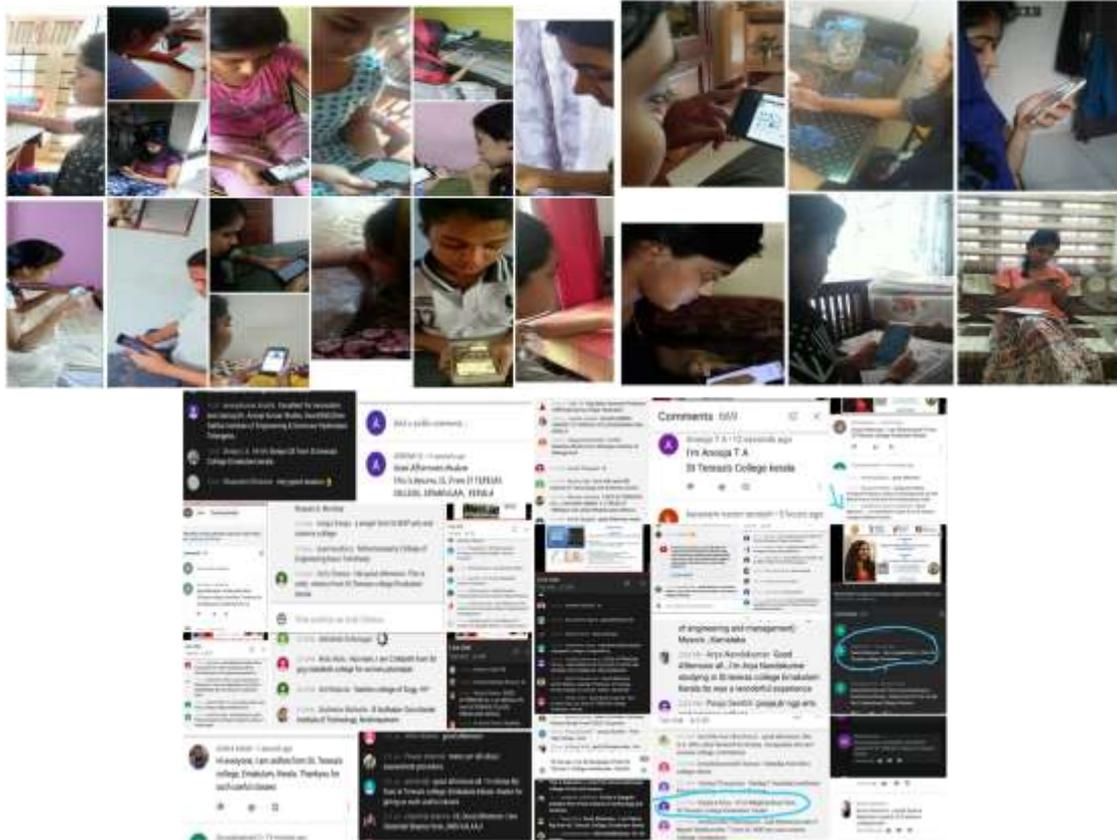
- Her PoC got nominated for the National PoC Content 2019 of Institution’s Innovation Council (IICs) program of MHRD’s Innovation Cell and AICTE
 - She participated in the Regional Mentoring Session for Proof of Concept of IIC- MHRD’s Innovation Cell held on 9th August 2019 at EDII, Ahmedabad.
 - Participated in Boot camp and Exhibition and selected as Finalist and Innovation got placed among top 5 and received recognition from the hand of Hon’ble minster of HRD on “11th September 2019” on the occasion of National Innovation Festival Celebration of MHRD’s Innovation Cell
 - Canada India Acceleration Program (CIAP) 2020 conducted by MHRD’s Innovation Cell and AICTE.
 - Received Seed Funding from AICTE and MHRD’s Innovation Cell to Refine Innovation and Setting up Enterprise at AIC-LMCP Incubation Unit, L M Pharmacy College, Ahmedabad.
- Second speaker was **Mr.Amit Sanjay Lokhande**, Innovator Cum Entrepreneur and a PhD tech Student of Institute of Chemical Technology, Mumbai. His innovation is “PREG- \checkmark -DET”, a simple and rapid Early-pregnancy-detection-kit for Cattle.

Recognition he got through MHRD’s Innovation Cell and AICTE

- His innovation got recognition at Innovation Festival of MIC.
- He participated in 9th Global Commercialization Workshop
- He participated in 5th Global Innovator Festa
- Compld India-Korea Start-up Exchange Program

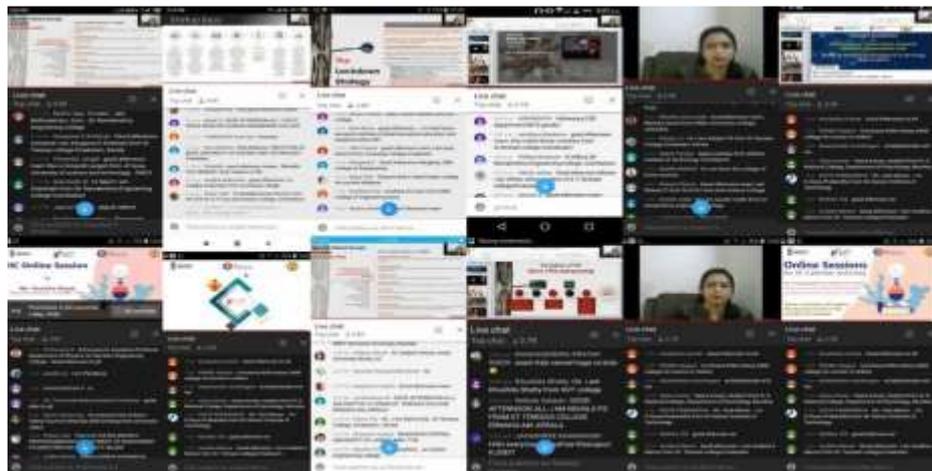
28 students from the department of Mathematics, St.Teresa’s college Ernakulam, Kerala attended the live session from 3pm-4pm on 30th April 2020. Ms.Vandana Thakur and Mr.Amit Sanjay Lokhande mainly focused on Mentoring, opportunity and achievements they got

through MHRD’s Innovation Cell and AICTE till date for supporting their innovation. They explained the difference between innovation and invention and the need of applying fresh and new ideas to solve real life problems. They said about available funding options for entrepreneurs and what actually a student entrepreneurs need. They talked about student entrepreneurs and also helped in dealing with doubts and curiosity of the startup world. These sessions gave insights to work with new ideas and transform them into innovations.



Leadership Talk Series Of Abhay Jere: Ms. Geetika Dayal, Executive Director, Tie Delhi –NCR (01/05/2020)

A live session on “Role of Network Enablers in Driving I&E in HEIs – A case of TiE, India” was held on May 1st 2020. It was organized by MHRD’s Innovation Cell (MIC). The session was presented by Ms. Geetika Dayal, Executive Director, TiEDelhi – NCR. A total of 32 students from the department of Mathematics of St. Teresa’s College Ernakulum, Kerala attended this live session.



Ms. Geetika spoke about the evolution of TiE since 1992 and its growth. She also pointed out the various activities conducted by TiE to promote entrepreneurship. TiE also provides many awards to nurture startups at an early age. TiE Global Summit/TiEcon, a two day session of inspirational keynotes, trends in technologies and knowledge sharing in various aspects is also conducted occasionally.



She also explained the lockdown strategies of TiE. As one of the key enablers of the startup eco system, they have been trying to connect with the quarantined innovators across the country using the digital platforms. Through their series of daily webinars, they have been facilitating remotely- enabled knowledge – sharing platforms between startup founders and domain experts. The aim is to help the startups tide through Covid-19 crisis on the back of the strategic guidance and support supplied by top investors and mentors. The online mentoring helpline provides regular and constant support to members. It was an enriching and inspirational experience for us to know more about TiE and their various programs.

The second day of online session of institutions' of innovation council MHRD's innovation cell detailed about incubation. The one hour presentation was taken by Mr. Muthu Singaram CEO, IIT Madras, and HTIC incubator founder vibazone. He has been working with entrepreneurs, companies, individuals, governmental organization regional industries and so on for 25 years. As per IIC calendar activity this session was on the topic-ROLE AND IMPORTANCE OF PREINCUBATORS, INCUBATORS, ACCELERATORS IN HEIs – harnessing innovation entrepreneurial potential of students and faculties at early stage.



The main learning objective of this session was why is important to have an incubator in our institution. It is said that incubator development team should apply a systematic approach to planning an incubator exploring step by step and that includes the feasibility study planning, the incubators business plan and the incubators policies. In this phase learning and capacity building of development is very important. Through online training recourses, incubation study tours, incubator network and events learning capacity can increase. Through these steps it designs our incubator.

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he has to manage the financial stability of the incubator. The services the incubators should provided are discussed in the presentation .and thus the third section of the presentation detailed about the staffing and funding for incubators.

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Online Session By Dr.Pankaj Parashar CEO/Founder Cuttingedge Technology Pvt.Ltd,Indore 4th May,2020

HANGOUT WITH SUCCESSFUL STARTUP FOUNDER AND LEARN DESIGN THINKING APPROACH FOR HARDWARE INNOVATION



An entrepreneur is an individual who creates a new business bearing most of the risks and enjoying most of the rewards. The entrepreneur is commonly seen as an innovator, a source of new ideas, goods, services and business. Entrepreneurs play a key role in an economy using the skills and initiatives necessary to anticipate needs and bring goods to markets. They play a vital role in the world today and there are wide opportunities in the economy.

Through this innovative session organized by MHRD's Innovation Cell, the students of the Department of Economics of St. Teresa's College was indeed able to gain knowledge on various topics like what is entrepreneurship, what is a product, difference between tangible and intangible products, what a design is, the aspects of design, design thinking, importance of design, the steps of engineering a product through design and rapid prototyping. To make the session more interesting, Dr. Pankaj Parashar shared his journey in order to explain an innovator's point of view. Kudos to his amazing innovation SCINTIGLO, a one of a kind device offering the perfect answer for early detection, time-saving and cheap quantitative test results to patients. Innovation is important not just in entrepreneurship. As individuals, we are innovators by adapting well to our needs and creating our own solutions. Entrepreneurs are the same. The innovation in entrepreneurship helped the country by changing with the times and producing new products and services from ones that already existed. And, being innovative has helped us become successful in all our endeavors.

IIC Online session by Prajakta Kulkarni (Founder, Director, Nodes Pvt Ltd, Sankey Inamder ,co-founder, CEO ,Nodes Pvt Ltd

The session explained about how to identify right problem and solution using the Double Diamond Approach in Design NODES: Is an optimized learning platform. Nodes is a learning platform that in that inclusive of innovation courses. NODES: Is an optimized learning platform

Nodes is a learning platform that in that inclusive of innovation courses of helps to conduct them effortlessly using the services of choosing lessons being able to deliver in class of effortlessly able to liberally access students of class room

Introduced 4 agendas

1. Introduction to design thinking
2. How to ensure the three elements of innovation
3. Double diamond process and table submission
4. Creating a strategy using double diamond in for IITS design thinking

The three elements of the design are:

- Viability
- Desirability
- Feasibility



The session explained about designing solution development like Discover, Define, Developing, and Delivering. Session gave practical insights for developing designing skill. The very details of designing from the beginning till end was well explained and introduced us to new platforms in the field of designs.

Participants:

Saniya Nixon I BSc Home science

Anita James I BSc Home science

Ms Nimmy Jacob Assistant Professor – Department of Home science

Leadership Talk Series With Dr.Baishali Mitra, Dr Sunil Shukla, Dr Amit Dwivedi, Mr Mayank Patel – 5.5.2020

The class was about “entrepreneurship, business idea and business model canvas”, the speakers of the session were Dr.Baishali Mitra, Dr Sunil Shukla, Dr Amit Dwivedi, Mr Mayank patel. The session was held on May 5th 2020. It was a video conference where Dr Baishali mitra who is the moderator and faculty member of CDII. She was the main speaker of session and the number of students and faculty were able to watch it. The talk was followed by Dr Sunil Shukla who is the director general of EDII, Dr Amit Dwivedi who is the associate sr faculty of EDII, and Mr.Mayank Patel who is the CEO of CRADLE



Dr. Sunil Shukla covered a major part of the entrepreneurship which will be very beneficial for the students and faculty especially during these lockdown days. The session was about motivation, social political stability, self-confidence, concern for others, conviction and traditional knowledge of different things. The class would help us to get motivated and to face any challenges, and to help people and earn a livelihood. The session business idea was taken by Dr. Amit Dwivedi. The session was an effective one. He spoke about the importance of customers and what kind of feelings should we express to the customers. He pointed out that today’s youth are focusing more on different business ideas rather than to continue with their

family business. This session was followed by Mr. Mayank Patel on the topic business model canvas. He gave more information about new innovations in technology that has impressed youth which means that the society gives more importance to the youth. The business canvas model focuses more on critical activities in order to success.

Leadership Talk Series Dr. Sanjeeva Kumar Majumdar Manager (IPR, Start up and innovation) National Research Development corporation

Dr. Sanjeeva Kumar elaborated on the definition of IPR, that is The legal rights which results from intellectual activity in the industrial scientific, library and artistic fields. He also mentioned about different types of property as tangible (movable property-car, pen, furniture) and Intangible (literary works, inventors) He has given an insight into PI as a property that can be sold, bought, assigned and can pass under a will. He explained about the role of IPR as Economic rights of creators, capital expenditure, transfer of technology, and cultural development.

Documents for filing patent

- Covering letter
- Application form
- Drawing
- Abstract of the invention

He also touched upon the reasons why we need to protect our property. He said that the reasons are to maintain loyal followers, For profit, capital expenditure for new ventures. He also mentioned about the types of IPR rights

As patent, industrial designs, trademark, copyright, Geographical indicators, traditional knowledge, plant variety and farmers right, Finally he mentioned that patent is an exclusive right granted for an invention which is a product or process. An inventor, Assignee or A legal representative of any deceased person can file a patent.

FORM NO.	DESCRIPTION	DEADLINE
1	Application for grant of patent	
2	Provisional Complete Specification	File the form within 12 months of filing the provisional specification
3	Statement & Undertaking for foreign applications	File the form within 6 months from the date of filing of applications
4	Declaration of Inventorship	File the form with complete specification or within 1 month of from the date of filing of the complete specification
10	Request for examination	
11A	Request for expedited examination	File the form within 48 months from the date of filing or priority which ever is earlier
20	Authorization of Patent Agent/Deputy Director as a Patent Agent/Processing	
OPTIONAL FORMS		
9	Request for early publication	
30	To Be Used When No Other Form is Provided	

Legal And Ethical Steps – Productive Entrepreneurship And Start Up Mr. Harit Mohan, Founder and CEO, Signicent LLP (India) and Signicent LLC (USA) On 12TH MAY 2020

We attended a live session on “Legal and Ethical Steps – Productive Entrepreneurship and Start Up” on 12th May 2020. It was organized by MHRD’s Innovation Cell (MIC). The session was presented by Mr. Harit Mohan, Founder and CEO, Signicent LLP (India) and Signicent LLC (USA). A total of 33 students from the Department of Mathematics of St. Teresa’s College Ernakulam, Kerala attended this live session. Mr. Harit Mohan spoke about the start-up and the legal procedure for that process. He highlighted five methods to make a start-up; observation, socialize outside our normal circles, web browsing are some of them. Also he spoke about IPR types, market research, patent valuation, licensing etc. We understood that there is always hard work and pain behind every successful person. Lot of homework are there to begin a start-up, legal and ethical steps are some among them. This session helped us to know more about the legal process behind the start-up sectors.



This session helped us to wisely move forward in a start-up. We should be alert about legal issues so that it will help us to overcome the crisis. Always we must be genuine to our own ideas. There will be lots of obstacles in our way towards success, we should overcome them strongly and must reach pinnacle of success.

Innovating Self-Screen And Identify Right Opportunities- Prof Sanjay Incamdar, Chairman AICTE startup policy implementation committee and Entrepreneur 13.5.2020

We attended a live session on “Innovating self-screen and identify right opportunities.” It was organized by MHRD’s Innovation Cell (MIC). The session was presented by Prof Sanjay Incamdar, Chairman AICTE startup policy implementation committee and Entrepreneur. The class was about one hour duration. The objective of the session was to make students aware about how to screen a situation and identify the challenges and opportunities. It also discussed about the role of HEI’s and faculties in helping students to innovate. A total of 28 students from the department of Mathematics of St. Teresa’s College Ernakulum, Kerala attended this live session.



Prof Sanjay Incamdar spoke about how difficult questions in life need to be answered, he also spoke to the students about how important it is to work while studying. He also spoke about the Resilience skills, Adaptive skills and Social skills which are really important for a good entrepreneur. Prof Sanjay Incamdar also spoke about new skills which are necessary for a person to be outstanding in this competitive world. The session was really interactive as it was a one to one session and we were also given the chance to think, process, interact and grow with new thoughts. He explained the actual role of a person as a student, he also explained about the different journeys we travel as a student. He also spoke about the necessity of doing part time jobs while studying as it helps not only one to earn money at younger age itself but also make one responsible to the nation and a sensible human being.

He also asked the students to have a vision about the future and a goal in life which is very necessary for a successful entrepreneur. Only the vision about future will make one work hard and encourage her-self or him-self to grow. He told the students to be a student till the very end

of life and acquire as much as knowledge possible and learn from new things around us however small it is to be a successful person and successful entrepreneur.

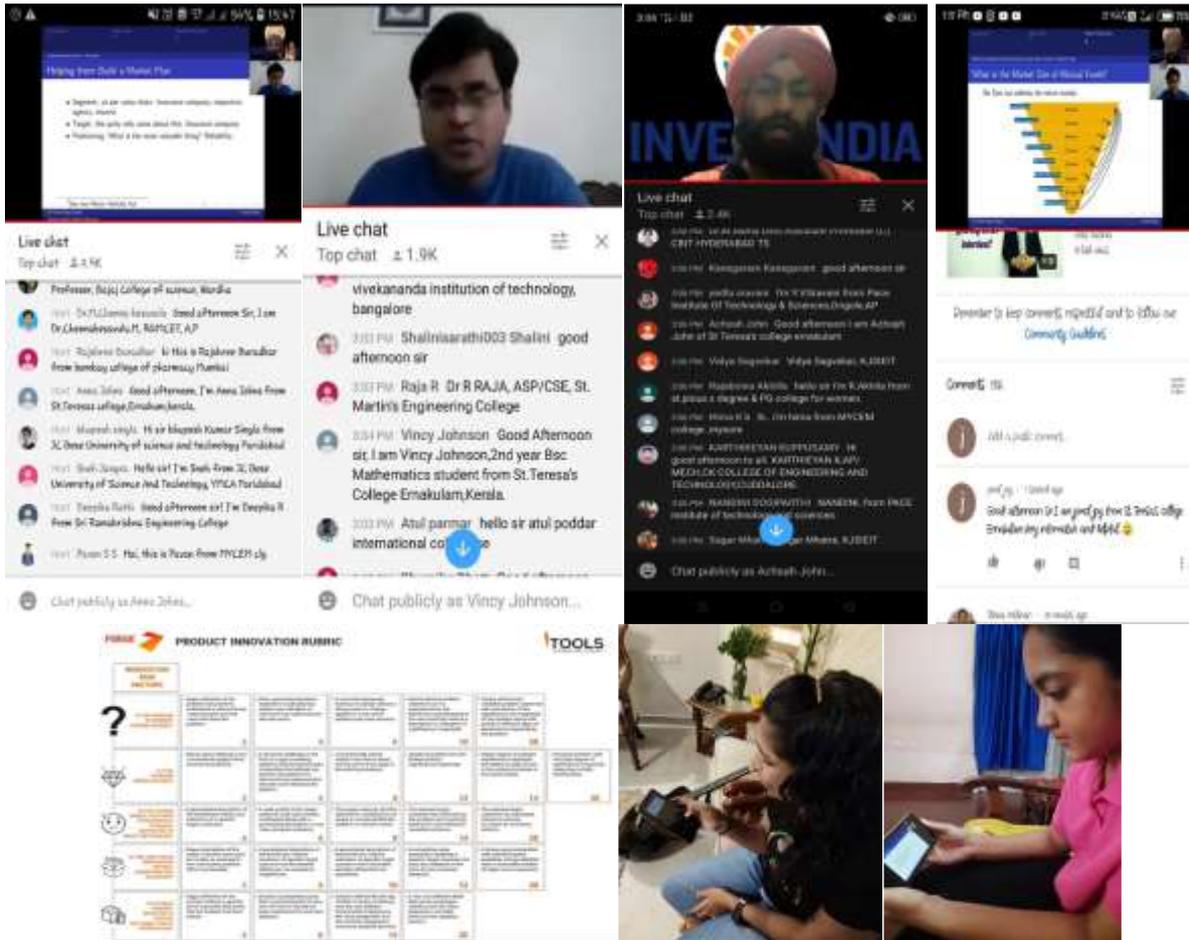
The session was really interesting, interactive and helpful. The session gave us a clear idea about how to be a successful entrepreneur and being a student itself how to work for it. The session made our thinking horizons wider and it also gave us clear idea about different skills we should possess.

The session also made us realize that true effort and hard work is necessary for being a successful person in life. All together the session was really useful and it is sure that there is a lot of effort behind the session and Prof Sanjay worked really hard for making this session truly informative.

Understanding Role and Application of Marketing Research at an Idea to Start-Up Stage on 14th May 2020

We attended a live session “On Understanding Role and Application of Marketing Research at an Idea to Start-Up Stage” on 14th May 2020. It was organised by MHRD’s Innovation Cell (MIC). The session was presented by Dr. Preet Deep who is working on business immunity platform to ensure continuity of essential business activities. He is a person who led initiatives under Start-Up India programme, working with states and corporates. A total of 38 students from the department of Mathematics of St. Teresa’s College, Ernakulam, Kerala attended this live session. He upskilled about the basics of market research and he advocated about the advanced case study while the inception of a start-up. The central core of the session is based on four idols which are the pillars of market research namely market size, segmenting, targeting and positioning. Delineating the course of action we get, the first important idol in market research is given by “market size”. It is a methodology from which the entrepreneur will get the total number of people who could buy the product. The next idol is usually named as segmenting /segmentation. It is a process in which the population is divided in a systematic way of which expounded four methods for segmentation and each of the methods carry out a process which partition the given area by grouping that particular place on basis some facts.

The third factor is called targeting. It is a process from which entrepreneur select the relevant area from the suggested places. The final factor is known as positioning. This is the process which teaches us about how to make products and categorise the area of act on the basis of comfort, reliability and efficiency. We got to know about the market view of an entrepreneur to take while initiating a start-up and also about the different types of markets, different innovations, ventures and important measures and tips to stick on to a successful start-up background and also understood about the market value, acknowledge market in a methodological way to formulate an entrepreneur in order to reduce the uncertainties in business life. As a whole we got a clear cut view about the foundation level knowledge about a new venture and the facts that to be taken before getting into the business world and also how to get a successful entrepreneurship through easy, tricky and innovative ideas. Amidst of Covid-19, this systematic and strategical guidance will surely be a lighting lamp before the rising innovators and entrepreneurs. Innovation Rubric (PIR) was introduced as a diagnostic tool to guide the innovators to validate these inherent risks by linking the progress to customer motivation, customer acceptance and customer commitment and thus enabling one to recognize the true market potential of product innovations based on PIR score. Dr. Lakshmi concluded by stating that one can choose PIR as the compass to guide through the innovation journey.



Leadership Talk Series Innovation Risk Diagnostic-Product Innovation Rubric - Dr. Lakshmi Meera, Program Director, Forge Incubator -15th May 2020

IIC Online Session on “Innovation Risk Diagnostic –Product Innovation Rubric” by Dr. Lakshmi Meera, Program Director, Forge Incubator conducted on 15th May 2020. The session started with stating the need to seed an idea by looking at the problems around us, mold it and apply it in the tech way with one’s skill sets and grow into a high growth enterprise. She emphasized on the steps involved in elevating an idea to an innovation level such as identifying a problem that is worth solving, building up a solution in a simple, reliable and affordable way, designing the solution to a product level and finally operating it as a business thereby achieving growth. Thus one has to innovate in designing a prototype for a problem and ultimately grow into an entrepreneur. Dr. Lakshmi also stressed on the need to identify the target customer, highest target revenue and sensitizing the customer with the value of the designed product to make the innovation a viable one. She insisted on sticking on to Minimum Usable Prototype- (useful, usable, deployable and technically feasible) as the trademark of any innovation. Dr. Lakshmi also conveyed the primary responsibility of the innovator to identify, mitigate and manage the inherent risks in the product in a systematic manner. Product Innovation Rubric (PIR) was introduced as a diagnostic tool to guide the innovators to validate these inherent risks by linking the progress to customer motivation, customer acceptance and customer commitment and thus enabling one to recognize the true market potential of product innovations based on PIR score. Dr. Lakshmi concluded by stating that one can choose PIR as the compass to guide through the innovation journey.

Use Of Marketing And Application Of Marketing Research Tools And Methodology- Advance Level- Dr. Preet Deep Singh, V P Invest India

IIC Online Session on “Use of Market Data And Application of Marketing Research Tools And Methodology- Advance Level” by Dr. Preet Deep Singh, VP Invest India was conducted on 20th May 2020. The session started by stating the fact that market research has to be done before any start up evolve from proof of concept into a prototype stage. He emphasized on the basic steps involved in market research which are identify the population, who can pay for the product, who can afford, who can reach and other factors such as loyalty, trend and law. Dr. Preet mentioned that Market Research can be done by Segment Target Position (STP) policy. He applied Drake’s equation used in astronomy to the market research. Market sizing was done using the equation $Size = Population * P_{pay} * P_{reach} * P_{interest} * P_{other\ factors}$. Dr. Preet successfully demonstrated how the size of market can be determined citing the example of selling a baby stroller. He also conveyed how the estimated market size can be increased exponentially by changing our assumptions. Dr. Preet also mentioned about the requirements for setting the price for a product. He also mentioned about some of the tools helpful in conducting procedures in market research such as R, SPSS, Python, Tableau, Google Analytics, Data websites, Site Profiler, Survey Monkey and Mailchimp facilitating us for collection of primary data, secondary data as well as for visualization and presentation of data.

Price Point	High	Medium	Low
Positioning	Reliability / Convenience	Availability / Features / Colors etc.	Affordability
Utility	Flexibility Brand	Quick Fit, Distribution	Does as Promised
Innovation	Needs Brand, little innovation	Needs Medium Innovation	Needs High innovation
Durability	Complete for 1 kid or longer	2 kids	1 kid, multi-use
Segment	Rich with kids	Middle Class	Lower Middle Class

Baby Stroll

MARKET STUDY

- Get info on Product.
- Make a plan
- Get clarity
- Repeat...

What Size did we arrive at?

Size = Population * P_{pay} * P_{reach} * P_{interest} * P_{other factors}
 Population * P_{pay} = 1.2 lakh
 Your Reach could be 0.5 or 50% of the entire market
 The proportion of customers you can break away from competitors = 0.25³ or 0.31
 Bringing it to
 Size = 1.2 * 0.5 * 0.3
 Size = 0.306Lakh
18000 is your serviceable market.