

IIC - MES COLLEGE MARAMPALLY

ANNUAL REPORT 2021-22

IIC - MESM completed IIC 3.0 by August 2021 and shifted to IIC 4.0 by October 2021. Under the leadership of former IIC MESM president Dr. R. Murugan and Convener Ms. Shareena E M the college received four star rating in the IIC 3.0 evaluation. Also the college came under the tag of best ten IICs in Kerala region.



IIC 3.0 Rating Certificate

KEY FUNCTIONARIES AT THE INSTITUTE

Sr No	Name of Member	Key Role/Position assigned in IIC
1	Dr.Sam Kollanore U	President

2	Ms.Geethu Merin Antony	Convener
3	Ms.Shareena E M	Innovation Activity Coordinator
4	Ms.Jishna T Hassan	Innovation Activity Coordinator
5	Mr.Sachin K	Social Media Coordinator
6	Dr.Nisha P	Startup Activity Coordinator
7	Lt.Ibrahim Salim	NISP Coordinator
8	Ms.Jaseena K U	NIRF Coordinator
9	Dr. Rafeekamol CA	ARIIA Coordinator
10	Adv. Mohan Raj T P	IPR Activity Coordinator

INNOVATION AMBASSADORS

SI No	Name
1	Dr. Jaseena K U
2	Dr.Sam Kollanore U
3	Dr. Rafeekamol C A
4	Dr.Nisha P
5	Lt.Ibrahim Salim M
6	Ms.Shareena E M
7	Ms.Rahmath M K
8	Ms.Jishna T Hassan
9	Ms.Geethu Merin Antony
10	Mrs.Febina T A
11	Dr.Sheeba K H

12	Mrs.Anjaly P S
13	Mrs.Binila Pulikottil
14	Mr.Sachin K
15	Mr.Ajith Rajan
16	Mrs.Razeena Ashraf

ACTIVITY SUMMARY

Sl No	Activity Title	Associated Departments/Club/ Cell	Date
1	An Expert Talk On Start Up Innovations & Opportunities	Startup Cell/ Vocational Studies	23/10/2021
2	Introduction To Intellectual Property Rights	Chemistry, Physics	27/11/2021
3	Seminar On Impact Of COVID On SME & Startups	BBA, IEDC	01/12/2021
4	Internet Of Things	Industrial Instrumentation & Automation	13/12/2021
5	Energy Conservation Day Poster Making Competition	IIC	15/12/2021
6	Introduction To Startups	Fashion Design & Management	20/12/2021
7	My Story - Motivational Session By	Psychology	20/12/2021

	Successful Innovators.		
8	IIRB Lab Visit	Chemistry	21/12/2021
9	IIC An Introduction	Logistics Management, Animation & Graphic Design	22/12/2021
10	Interaction With Innovation Ambassador And Orientation On IIC	Commerce, IEDC	30/12/2021
11	2-Days Hands-On Workshop On IOT And Sensor Data Deployment Using Raspberry Pi	Computer Applications	06/01/2022 - 07/01/2022
12	Introduction To Startups	Logistics Management	14/01/2022
13	Webinar On Intellectual Property Rights	Software Development & System Administration	09/02/2022
14	Concepto II - Idea Pitching Contest	Startup Cell/Vocational Studies	10/02/2022 - 20/02/2022
15	3D Printing Workshop	Industrial Instrumentation & Automation, IEDC	14/02/2022
16	SALT	IEDC	17/02/2022
17	Industry 4.0	Industrial	20/02/2022

		Instrumentation & Automation	
18	3D Printing Workshop	Industrial Instrumentation & Automation, IEDC	25/02/2022
19	An Introduction To Intellectual Property Rights	Animation & Graphic Design	26/02/2022
20	My Story - Motivational Session By Successful Entrepreneur/Start-Up Founder : Ashwini Kurup	Fashion Design & Management	28/02/2022
21	National Science Day Celebrations	English, Electronics, Industrial Instrumentation & Automation	28/02/2022 - 03/03/2022
22	Seminar On Intellectual Property Rights	Commerce	02/03/2022
23	Awareness Program On Intellectual Property Rights	Chemistry & Physics	22/03/2022
24	Internal Hackathon For SMART INDIA HACKATHON 2022	IIC	30/03/2022
25	World Earth Day Celebrations	NCC	22/04/2022
26	IP Quiz	IIC	26/05/2022
27	World Environment Day Celebrations	NCC,NSS, Tourism Administration &	05/06/2022

		Hospitality	
28	Women In Business: Trends And Opportunities	Computer Applications	22/06/2022
29	Innovation Ecosystem Building : How And Why	IEDC, NISP	25/06/2022
30	Awareness Session On Smart Ideathon 2022 Challenge	IIC	27/06/2022
31	Webinar On Business Model Canvas (BMC)	IIC	28/06/2022
32	Emblazon 2022	Electronics	04/07/2022
33	Javoo Coimbatore Lab Visit	Electronics	06/07/2022
34	Building A Strong Startup Ecosystem In Kerala	IEDC	13/07/2022
35	Opportunities For Students & Faculties - Early Stage Entrepreneurs	IIC	20/07/2022
36	Awareness Programme On IPR	IPR Cell	30/07/2022
37	Research Development In Science And Technology After The Independence Of India	APJ Abdul Kalam Chair For Research & Innovation	10/08/2022
38	Entrepreneurship And Innovations: Strategic Calibration	Bioscience	11/08/2022
39	Innovation & Entrepreneurship In HEI For Aatmanirbhar Bharat & Celebrating 75 Years Of Independence -Azadi Ka Amrit Mahotsav	Physics	14/08/2022
40	Workshop On Machine Learning & Its	Computer	25/08/2022

	Application Using Python	Application	
41	Session On “How To Plan For Start-Up And Legal & Ethical Steps”	IIC	30/08/2022
42	Talk On Intellectual Property Rights	Fashion Design & Management	30/08/2022
43	Impresario- Ignite The Entrepreneur In You	IEDC	30/08/2022
44	Session On “Innovation”	Physics	30/08/2022
45	Workshop On Prototype/Process Design And Development - Prototyping	IIC	30/08/2022

Q1

(01 September 2021 – 30 November 2021)

Q1 COUNCIL MEET

Date:03.11.2021

Venue: Hall No:702

The Quarter-I Institution’s Innovation Council meeting was conducted on 3rd November 2021 at Hall No:702. Dr. Murugan R presided over the meeting. Ms. Shareena E M presented the meeting agenda. IIC coordinators from various departments participated in the discussion. 14 faculties and 24 students attended the meeting.

Agenda:

- 1.Updation of my council
2. Quarter I activity planning
3. Introducing IIC.4.0 newly admitted students
- 4.Coordination of various quarter I activities

Discussions:

1. Decided to celebrate National Education Day.
2. Decided to organize a Motivational speech by a successful Entrepreneur.
3. Decided to collect the details of students to be uploaded in IIC website for membership.
4. Ms. Jaseena K U and Ms. Geethu Merin Antony selected as IIC 4.0 President and Convener



Q1 ACTIVITIES

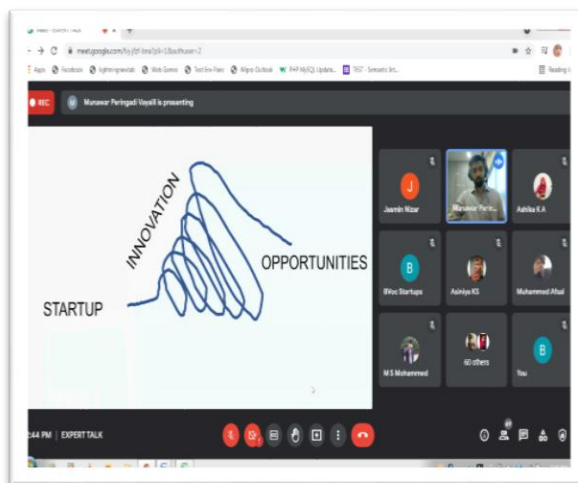
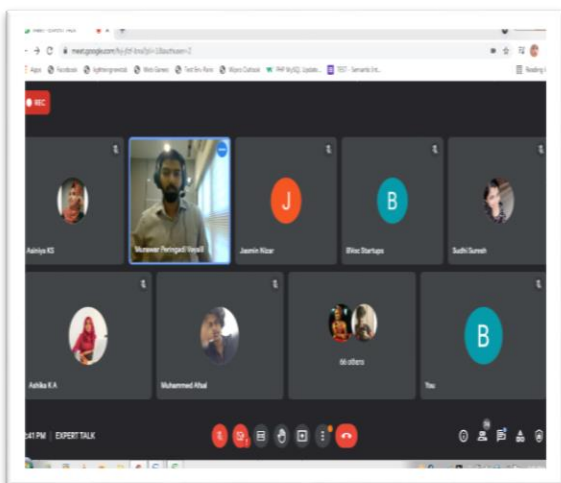
Q1.1 EXPERT TALK ON STARTUP INNOVATIONS & OPPORTUNITIES

The Institution's Innovation council in association with the Startup Cell of Vocational Studies, MES College Marampally has conducted an “Expert Talk on Startup Innovations & Opportunities” on 23rd September 2021 in Google Meet platform. The program coordinators were Gayathri Kunjamma, Asst. Professor, MES College Marampally and Jasmin Nizar, Asst. Professor, MES College Marampally.

The program started at 02:30 pm. Student Coordinator, Sudhi Suresh presided over the Inaugural function. Mrs. Jasmin Nizar, Asst. Professor, Vocational Studies welcomed the gathering and stated information about Startup cell and its core objectives. Mrs. Ashika K. A, Asst. Professor and Head of B Voc Software Development and System Administration Inaugurated the function and delivered the Inaugural address. Dr. Umesh B.T, delivered the felicitation speech.

Munawar Peringadi Vayalil, Product Lead, Digital Health, Kencor Health Inc, USA handled the session on the topic “Startup Innovations & Opportunities”. He gave an overview to inculcate entrepreneurship culture among youth and equip them with the knowledge, skill, techniques and confidence to act as torch bearers of Enterprise.

At the end, Gayathri Kunjamma, Asst. Professor, Vocational Studies proposed the vote of thanks. All the students actively participated in the program and proved to be a grant success. Seventy-five students and seven faculties attended the session.







MES COLLEGE MARAMPALLY
Department of Vocational Studies
 Startup cell organizes

INTERNATIONAL LEVEL

AN EXPERT TALK ON
START-UP INNOVATIONS &
OPPORTUNITIES



Mr. Munawar Peringadi Vayalil
Product Lead, Kencor Health Inc ,
USA.

On 23rd of September 2021@ 2.30 pm
<https://meet.google.com/fvj-jfzf-bna>

For more enquiries contact:

Student Coordinator Sudhi Suresh	Staff Coordinators Jasmin Nizar - 9567 968 233 Gayathri Kunjamma -9061 050 275
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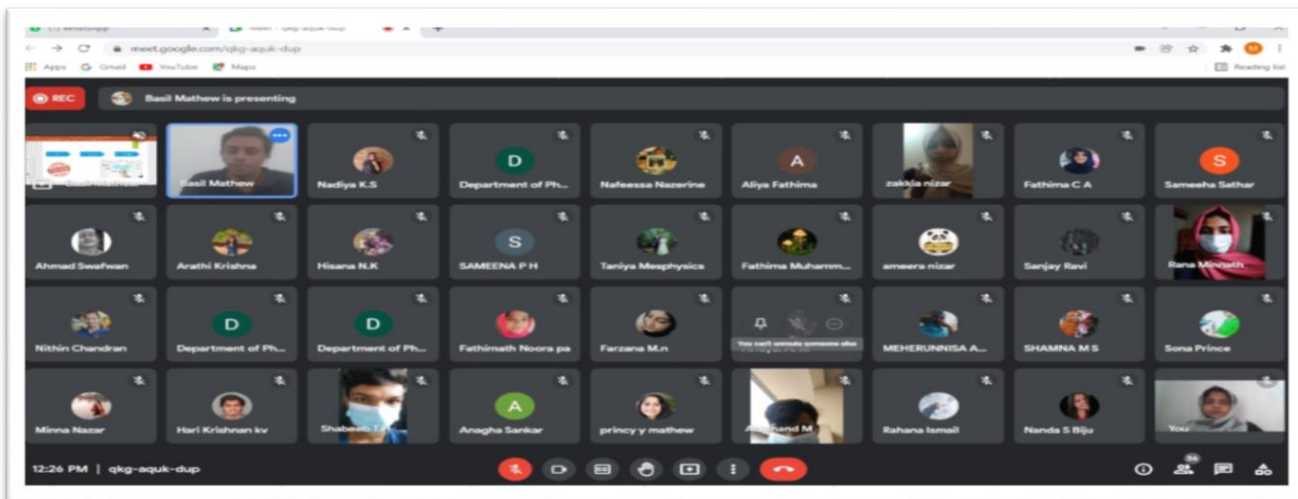
Ajimsha Maideen Coordinator	Dr. Umesh BT Nodal Officer	Dr. Murugan.R President IIC- MESM	Dr. Manzur Ali PP Principal
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MES/BVOC P81/COM P19/23-09-21

Q1.2 INTRODUCTION TO INTELLECTUAL PROPERTY RIGHTS

On November 27 th , a webinar was conducted by the Department of Chemistry and Physics in association with Institution's Innovation Council on the topic 'Introduction to Intellectual Property Rights', at 11:45 am through Google Meet platform. The webinar began with a silent prayer. Student coordinator Nadiya K S of the Department of Physics invited everyone to the session. Meherunnisa Anwar of 3 rd year B.Sc. Physics welcomed the gathering. Later Dr. Manzur Ali P. P., the Principal of MES College, Marampally delivered the presidential address. Followed by the presidential address, resources person- Dr. Basil B Mathew, Assistant Professor and Head of the

Department of Political Science at St. Peters College, Kolenchery took over the webinar session. He did his Ph.D. in Social Science from Mahatma Gandhi University, Kottayam and is a member of the board of studies political science in Mar Athanasius college, Kothamangalam. From 2019 onwards, he is the Intellectual Property Cell convenor of St. Peters College Kolenchery, member in Board of Studies Intellectual Property Rights Certificate course at Mar Athanasius College, Kothamangalam, project associate in UGC major research project on the theme global intellectual property rights Regime and India: challenges and opportunities in the protection of IP related to biodiversity and traditional knowledge. He was the member of Kerala's Intellectual Property Cell during 2015-16. His major works include 3 books published in the year 2019 and 2021. He has also written some chapters and there are some articles published in his name. More than a webinar it went well in the form of a mutual discussion on the topic. As the topic name suggested, discussion was based on Intellectual Property Rights (IPR). IPR is something that we all should know about, but we are not that much aware of. From his words, 'Intellectual Property Rights are the rights given to persons over the creation of their minds. They usually give the creator an exclusive right over the use of his or her creation for a certain period of time. They are the legal rights that protect creations or inventions resulting from intellectual activity in the industrial, scientific, literary or artistic fields. The most common IPRs include patents, copyrights, marks and trade secrets.' Webinar came to an end by the vote of thanks by 1st year Int. M.Sc. Chemistry student Nanda S Biju. The webinar was really an informative and knowledgeable session under the guidance of HOD of Physics, Mrs. Gincy K Varghese, HOD of Chemistry Dr. Nithin Chandran and staff coordinator Mr. Thomas George P from the Department of Physics.





MES COLLEGE MARAMPALLY

Department of Physics
& Chemistry

Talk on:

“Introduction to Intellectual Property Rights”



27th November 2021
Saturday, 11:45 am

Dr. Basil B. Mathew

Assistant Professor, HOD
Department of Political Science
St Peter's College, Kolenchery

Organising Committee:

Dr. Manzur Ali P.P, Principal
Dr. Nithin Chandran, HOD, Dept of Chemistry
Mrs. Gincy K Varghese, HOD, Dept of Physics
Mr. Thomas George P, Dept of Physics

Click to join:

<https://meet.google.com/qkg-aquk-dup>



Dr. Murugan R, IIC President
MES College Marampally

Q2

(01 Deember 2021 – 28 February 2022)

Q2 COUNCIL MEET

06/01/2022

GoogleMeet Link: meet.google.com/jjd-dzot-vcn

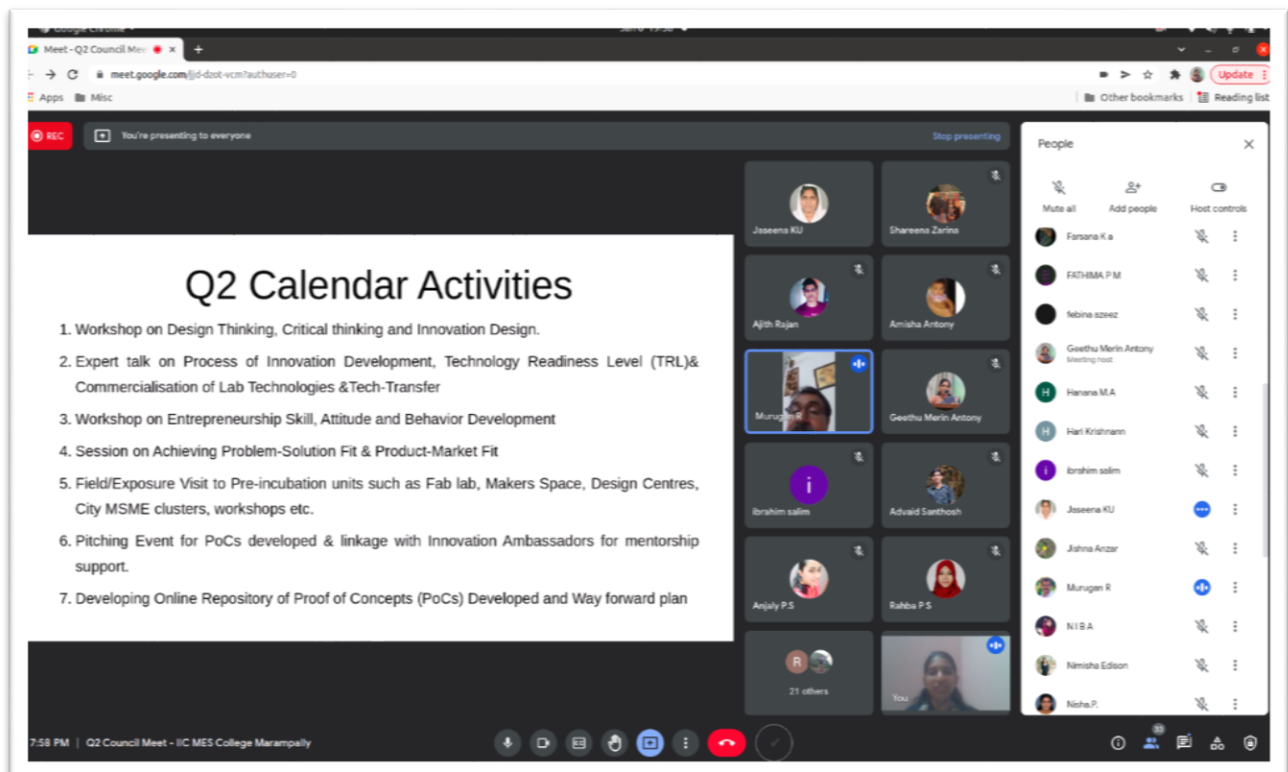
The Quarter-II Institution's Innovation Council meeting was conducted virtually on 6th January 2022. Ms. Jaseena K U presided over the meeting. Ms. Geethu Merin Antony presented the meeting agenda. Principal, NISP coordinator, Ex IIC President and IIC faculty and student coordinators from various departments participated in the discussion. 14 faculties and 18 students attended the meeting.

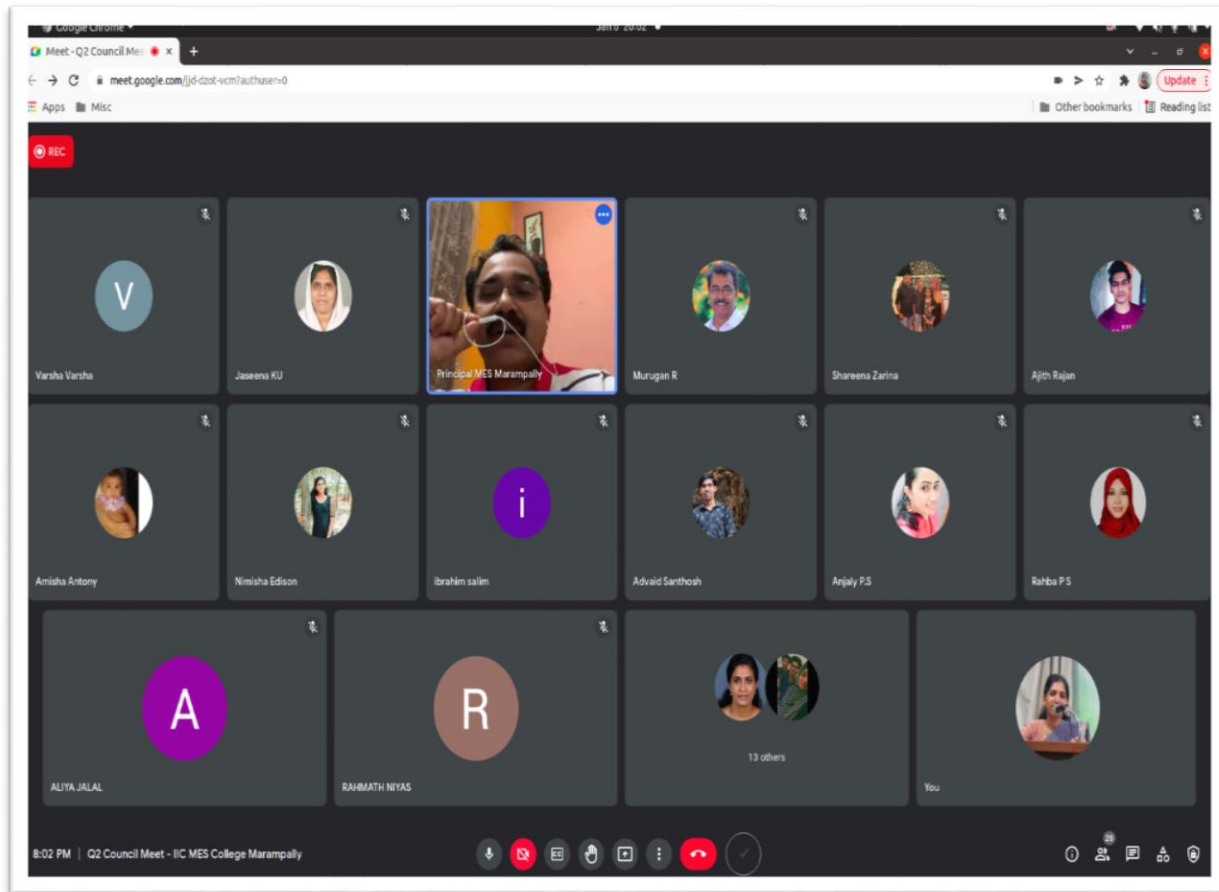
Agenda:

1. Quarter II activity planning
2. Review of past activities.

Major Discussions

1. National Science Day celebrations
2. Student Project exhibitions
3. Linkages with startups
4. Orientation sessions for faculty and students about IIC and the startup system ecosystem.
5. Setting up of TBI





Q2 ACTIVITIES

Q2.1 SEMINAR ON IMPACT OF COVID ON SME & STARTUPS

Department of Business Administration took an exceptional initiative and organized a seminar on 'Impact of COVID-19 on SMEs and Start-Ups' in association with IEDC & IIC, MES College Marampally on December 1 st , 2021 from 10:00 AM to 12:30 PM at the Conference Hall, Main Block. The event was graced in the presence of Dr. Manzur Ali, principal of MES College Marampally, Chief Guest, Head Of the Department, BBA, Dr. Rafeeka Mol, IEDC Coordinator and students who belonged to the BBA department. The main objective behind the event was to pave way for rendering some informative contents and knowledge on drastic effects imposed on Small and Medium Enterprises and startups due to COVID-19. The target audience of the programme was students who were pursuing Management and Business studies. The audience

category included first, second, and third year students. The event was effectively handled by the staff coordinator Ahamed Jimshad K, Associate Professor, BBA Department and the master of ceremonies of the event was Ms. Hanan Fathima Harish from S5 BBA. The Programme had an overwhelming Participation of 80+ participants. The seminar was hosted by Mr. S.R Nair, Chief Mentor, Mentor Guru. The resource person was indeed an optimistic person and took over the forum for two hours. The event was a huge success as the keynote speaker conveyed abundantly various advices and suggestions on challenges and prospects of SMEs and Start-Ups. In a nutshell, the whole seminar was an interesting session along with lots of outstanding examples provided by the speaker which made it more convincing and pleasing. The event laid an achievement stone as it was a proud moment for the whole department for successfully organizing such an event.

The Chief Guest ensured that no one from the audience felt the session tedious. He applied his own techniques to maintain a connection and communication between him and the participants. The event motivated all the participants to develop start-ups as the keynote speaker stressed the significance of entrepreneurship in India and also made all of them aware about various supports available near to them which can be easily availed to convert their ideas into reality. After the core session, we moved onto the Question and Answers session in which many of the students raised doubts to the keynote speaker. All the doubts and questions were clarified by the resource person. The overall session was articulated effectively and constructively conveyed.



DEPARTMENT OF BUSINESS ADMINISTRATION
IN ASSOCIATION WITH IEDC
MES COLLEGE MARAMPALLY



**SEMINAR ON
IMPACT OF COVID 19
ON SMEs AND STARTUPS -
CHALLENGES & PROSPECTS**



RESOURCE PERSON
Mr. S R Nair
Chief Mentor,
MentorGuru



**VENUE: CONFERENCE HALL
MAIN BLOCK**

1 DECEMBER 2021
10.00 AM - 12.30 PM

Contact us:
Ahamed Jimshad K : +91 99 95 219021



Q2.2 INTERNET OF THINGS(IoT) WORKSHOP

Institution's Innovation Council and Innovation and Entrepreneurship Centre, MES College Marampally had conducted an Internet of Things (IoT) Workshop which made the students learn how sensors are connected to the hardware platform and to identify the need for various IoT enabled monitoring systems, in association with the Department of Industrial Instrumentation and Automation. The workshop was held on 13th December 2021.

The programme commenced with a welcome speech by Amal Saroj, HOD of Bvoc Industrial Instrumentation and Automation. Dr.Sopna V Muhammed and Dr.Rafeeka Mol C A were the staff coordinators while M S Muhammed was the student coordinator. Around 30 students attended the session. The resource persons were Muhammed Iqbal P B, DevOps Engineer, Emwigo and Sharan, Student Entrepreneur. Muhammed Iqbal conveyed the importance of IoT while Sharan introduced Arduino programming and Interfacing of Sensors with Arduino. The program ended with the insight of basic electronic concepts and Arduino error detection at 5:00pm.



MES COLLEGE MARAMPALLY



INTERNET OF THINGS

HANDS-ON WORKSHOP

**IEDC MES MARAMPALLY
DEPARTMENT OF INDUSTRIAL
INSTRUMENTATION AND AUTOMATION**

13/12/21 1.30PM



Muhammad Iqbal P B

DevOps Engineer,
Emvigo



Sharan

Student Entrepreneur

**For registration
contact**

M S Mohammed
CEO IEDC
70126 16213

Dr. Sopna V Muhammed
Dr. Rafeekamol C A
IEDC Coordinators

Amal Saroj
HOD

Ajimsha Maideen
BVoc Coordinator

Dr. Umesh B T
Nodal Officer

Dr. Manzur Ali P P
Principal



MES/BVOC PRR/IA POR/13-12-21

Q2.3 ENERGY CONSERVATION DAY POSTER MAKING OMPETITION

As part of celebration energy conservation day a poster making competition was organized on 15 December 2021. Competition was open till 14 January 2022. Total 9 entries received.

Winners.

First prize : Gokul Sasi S4 B.Voc AGD

Second Prize : Abhijith Manohar S4, B.Voc FDM



  **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of Education Initiative)

MES COLLEGE MARAMPALLY
Affiliated to Mahatma Gandhi University | NAAC Reaccredited with A+ (3.38)

INSTITUTION'S INNOVATION COUNCIL

ENERGY CONSERVATION DAY 2022
Poster Design Competition Competition

- Digital and hand illustrated posters are accepted.
- Submit hardcopies of your submission on or before 14/01/2022.

Q2.4 INTRODUCTION TO STARTUPS

A session on Startups was conducted as part of PRISM Faculty Exchange programme by the department of B Voc Fashion Design & Management, M E S College Marampally and Department of Home Science, Vimala college, Thrissur. This was the fourteenth session of “PRISM faculty Exchange” programme. The title of the talk was ‘Introduction to Start ups and was conducted on 04th December 2021 through Google Meet. The session started at 01:30 pm. Ms.Honey S Nair,

Assistant Professor, Department of Home science ,Vimala College Thrissur, welcomed the gathering.

Ms.Geethu Merin Antony,Innovation Ambassador / Assistant Professor and HOD, Department of Fashion Design & Management, MES College Marampally was the resource person. In the one hour lecture session she explained about startups, features , types and requisites and funding agencies for starting startups.Thirty students from Undergraduate and Postgraduate programmes of Department of Home science, Vimala College actively participated in this session. Faculty Coordinators for this session were Ms.Juvariya (Assistant professor, MES college) and Honey S Nair (Assistant professor, Vimala College).

MES COLLEGE MARAMPALLY
Ernakulam, Kerala
DEPARTMENT OF VOCATIONAL STUDIES

VIMALA COLLEGE (AUTONOMOUS)
Thrissur, Kerala
DEPARTMENT OF HOME SCIENCE

PRESENTS
PRISM
FACULTY EXCHANGE PROGRAM
LECTURE SERIES #14

TOPIC : INTRODUCTION TO STARTUPS
TIME : 01:30 pm - 02:30 pm

TOPIC: TEXTILE DYEING
TIME : 09:00 am - 10:00 am

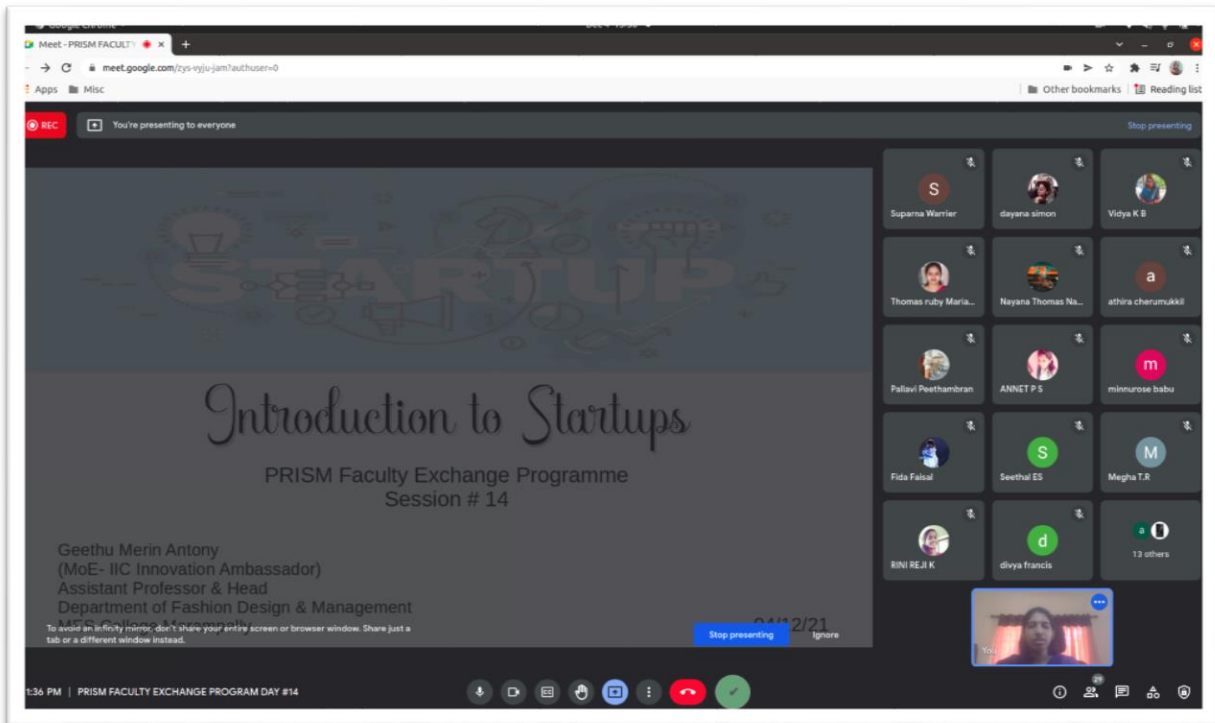
ON
04/12/2021

RESOURCE PERSON
MS. GEETHU MERIN ANTONY
HOD,DEPT. OF FASHION DESIGN & MANAGEMENT,
MES COLLEGE MARAMPALLY

RESOURCE PERSON
MS. RENY SIMON
ASST. PROFESSOR,
DEPT. OF HOME SCIENCE,
VIMALA COLLEGE, THRISSUR

FACULTY CO-ORDINATORS
MS. JUVARIYA **MS. HONEY S NAIR**
MES COLLEGE MARAMPALLY VIMALA COLLEGE, THRISSUR

GEETHU MERIN ANTONY **AJIMSHA MAIDEEN** **Dr. UMESH B.T** **Dr. MANZUR ALI P.P** **Dr. THOMAS RUBY MARIAMMA** **Dr. SR. BEENA JOSE**
HOD, FDM B.VOC COORDINATOR NODAL OFFICER PRINCIPAL HOD, HOME SCIENCE PRINCIPAL




Q2.5 UDAAN 2021 :” TAP INTO YOUR INNER POTENTIALS” BY DHANYA RAVI


(Session by successful innovator)

Department of Psychology, MES College Marampally in association with Institution's Innovation Council and N Musthafa Sahib Memorial MES Institute for Mentally Challenged Special School, Edathala organised 'UDAAN 2021', in which 111 students from our department, 21 students from other departments of the college, 7 teachers from our department, 6 teachers from other departments, 13 non-teaching staffs of our college, 17 students from N Musthafa Sahib Memorial MES Institute for Mentally Challenged Special School, Edathala and 4 teachers from N Musthafa Sahib Memorial MES Institute for Mentally Challenged Special School, Edathala participated. Ms. Dhanya Ravi, Content writer and Disability Evangelist was the keynote speaker and her talk was titled "Tap into your inner potentials". Her talk surely inspired the audience as she was sharing her life journey, the hurdles and challenges she tackled with immense strength.

The theme of the programme was "Equivalence in an unequal world", thus it was a platform to honour the last grade staff of our college. One of the students from the special school, who is also

District level solo dance 2nd prize winner presented a visual treat with his semi classical dance performance. It was a great music and dance extravaganza which saw a wide variety of Indian cinematic songs and dance forms by students and teachers. This was a treat and delight for all the participants and was also the highlight of our programme. The programme was a huge success indeed.






MES College Marampally
Department of Psychology
in association with
Institution's Innovation Council and
NIMusthafa Sahib Memorial MES Institute for Mentally
Challenged Special school, Edathala

**UDAAN
2021**

**"TAP INTO YOUR
INNER POTENTIAL"**



Ms. Dhanya Ravi
Content Writer and
Disability Evangelist

Venue: Seminar Hall,
South Block
Date: 20/12/2021
Time: 10.00 AM

Mr. Muhammed Abuthahir Mrs. Razeena Ashraf
Student Cordinator Cordinator
Assistant Professor, MES College HoD, Department of Psychology
Marampally MES College Marampally

Dr. Rashmi P Dr. Manzur Ali P P
Principal Principal
MES College Marampally MES College Marampally



Q2.6 IIRB LAB VISIT

The department of Chemistry, MES College Marampally, successfully conducted a one-day visit at Institute for Integrated Programmes and Research in Basic Sciences (IIRBS), M G University on 21-12-2021. Dr. S. Anas, Director of IIRBS, M G University, Kerala, was the chair person. The first session of the programme started at 10.30 am, acquaint with new instruments in the laboratory was introduced by Dr. Sunil, the faculty of IIRBS. The students experienced with the scientific instruments such as UV-Visible Spectrometer, IR Spectroscopy, Gas Chromatography

Mass Spectrometry (GCMS), High Pressure Liquid Chromatography (HPLC), Lyophilisator, Polarimeter, and NMR Spectroscopy, etc. Second session was an interactive sitting with Dr. Anas started at 1.30 pm regarding the outcome of the integrated course and research outlook. 8 students from the Chemistry Department, MES College, Marampally, participated in the programme. The students of Chemistry from MES College were satisfied with the programme.



Q2.7 IIC AN INTRODUCTION

An Orientation Class about IIC was conducted for the Students of B.Voc Animation and Graphic Design on 22.12.2021 at 10.am. 21 students and 1 faculty participated in the programme. The Resource Person was Ms. Jishna T.Hassan, Innovation Ambassador and Assistant Professor of MES College Marampally, Aluva.



MES College Marampally
Affiliated to Mahatma Gandhi University | NAAC Reaccredited with A+ (3.38)
DEPARTMENT OF VOCATIONAL STUDIES



Jishna T Hassan
IIC Innovation Ambassador & Assistant Professor
MES College Marampally

TOPIC: I I C-An introduction
22 DECEMBER 2021
10 AM

Organized By

- **DEPARTMENT OF ANIMATION AND GRAPHIC DESIGN**
- **INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE**
- **INSTITUTION'S INNOVATION COUNCIL**

FARHAN JALAL
STUDENT CO ORDINATOR

JOYAL REJI
FACULTY CO-ORDINATOR

MINU MUHAMMED
HOD OF ANIMATION AND GRAPHIC DESIGN

AJIMSHA MAIDEEN
B.VOC COORDINATOR

Dr. UMESH BT
NODAL OFFICER

Dr. RAFEEKAMOL CA,
Dr. SOPNA V MUHAMMED
IIEC COORDINATORS

MS. JASEENA K.U
PRESIDENT,
IIC - MES COLLEGE MARAMPALLY

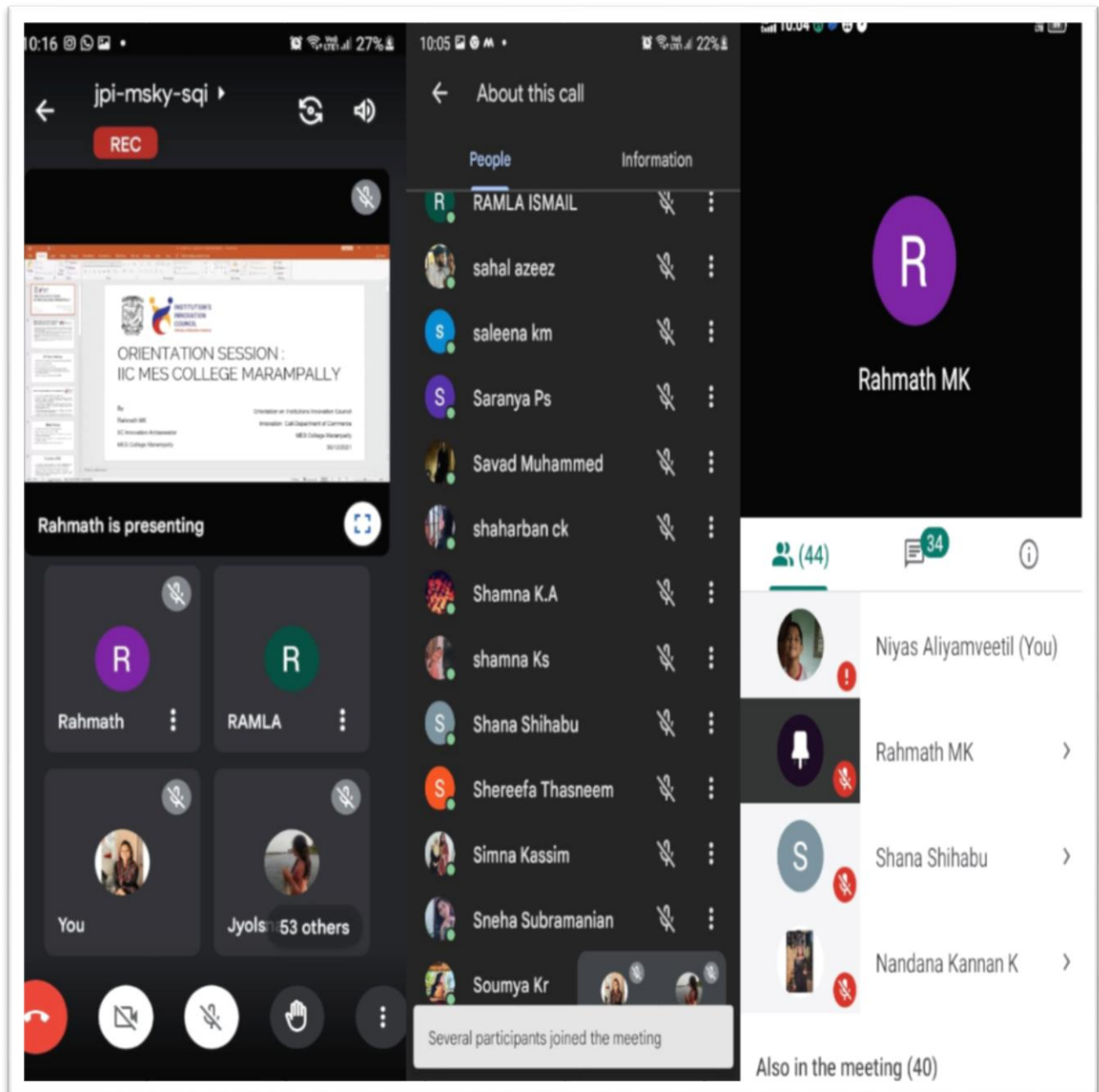
Dr. MANZUR ALI PP
PRINCIPAL



Q2.8 INTERACTION WITH INNOVATION AMBASSADOR AND ORIENTATION ON IIC

The Department of Commerce, Mes College Marampally organised a Programme on Interaction with Innovation Ambassador and Orientation to IIC on December 30th .2021. The Resource Person of the programme was Rahmath MK, Innovation Ambassador, Commerce Department, Mes College Marampally. The programme started with an opening remark delivered by Jasila AJ , student of S5 bcom Taxation. The session was officially welcomed by Dr Rafeekamol C A ,HOD Commerce Department . In this Session was on IIC -Institute innovative council. Explained

various benefits that a student can get by being a part of IIC and its procedures. 57 students and 5 Faculties attended this programme. The session ended with a vote of thanks delivered by Surya K Sajeev, Student of S5 bcom Tax.



**MES COLLEGE
MARAMPALLY**

**INTERACTION WITH INNOVATION AMBASSADOR
ORGANISED BY
DEPARTMENT OF COMMERCE
IN ASSOCIATION WITH IIC AND IEDC**

@IO am

RAHMATH M.K
IIC INNOVATION AMBASSADOR
COMMERCE DEPARTMENT
MES COLLEGE MARAMPALLY

DATE:- 30-12-2021

HOD	STUDENTS COORDINATOR	PRINCIPAL
RAFEKA MOL C.A	JASILA A.J	MANZOOR ALI P.P

Q2.9 2-DAYS HANDS-ON WORKSHOP ON IOT AND SENSOR DATA DEPLOYMENT USING RASPBERRY PI

A two days hands-on Workshop on IOT and Sensor Data Deployment Using Raspberry Pi was conducted in the Department of Computer Applications during 06 th January to 07 th January

2022, associated with IIC. Mr. Abubeker K M, Assistant Professor, Amal Jyothi College of Engineering was the resource person for the programme. Total 30 students and 8 teachers successfully completed this workshop.

The aim of workshop was to discuss real life use cases on IoT applications using Raspberry Pi. The session was really an interactive one by providing an opportunity for the participants to explore in the area of IOT and Sensor Data Deployment. Demonstrations of live project such as temperature monitoring were also done during the workshop .

Technical Summary

Kit details given to each group- Aurdino Board, LED, Breadboard, Switch, Ultra sonic sensor, buzzer.

Day1: (06/01/2022)

Day2: (07/01/2022)

Session1: Topics Included

- Introduction to Internet.
- What is Internet of Things?
- Introduction about Aurdino Microcontroller.
- Detail discussion about various pins of Aurdino Pin.
- Different types of Arduino board.

Session2: Topics included

- Installation of Aurdino IDE.
- Installation of Various Drivers.
- Blinking of LED Program
- Led control using Switch Program.
- Distance measurement using Ultra Sonic program.

Session1: Topics Included

- Introduction to Raspberry Pi.
- Raspberry Pi Installation.
- LED blinking using Raspberry Pi.

Session2Topics included

- Temperature measurement by temperature sensor program using Raspberry Pi.
- Temperature measurement interfacing with IOT.



MES COLLEGE MARAMPALLY

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NAAC REACCREDITED WITH A+ [3.38]



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education, Government of India

DEPARTMENT OF COMPUTER APPLICATIONS

IN ASSOCIATION WITH IIC

Organises

Two Days Hands-on Workshop On

**IOT AND SENSOR DATA
DEPLOYMENT
USING RASPBERRY PI**



Mr Abubeker K M

Asst Professor
Amal Jyothi College of
Engineering, Kanjirappally

6, 7 

JANUARY 2022

Dr Manzur Ali P P

Principal

Lt Ibrahim Salim M

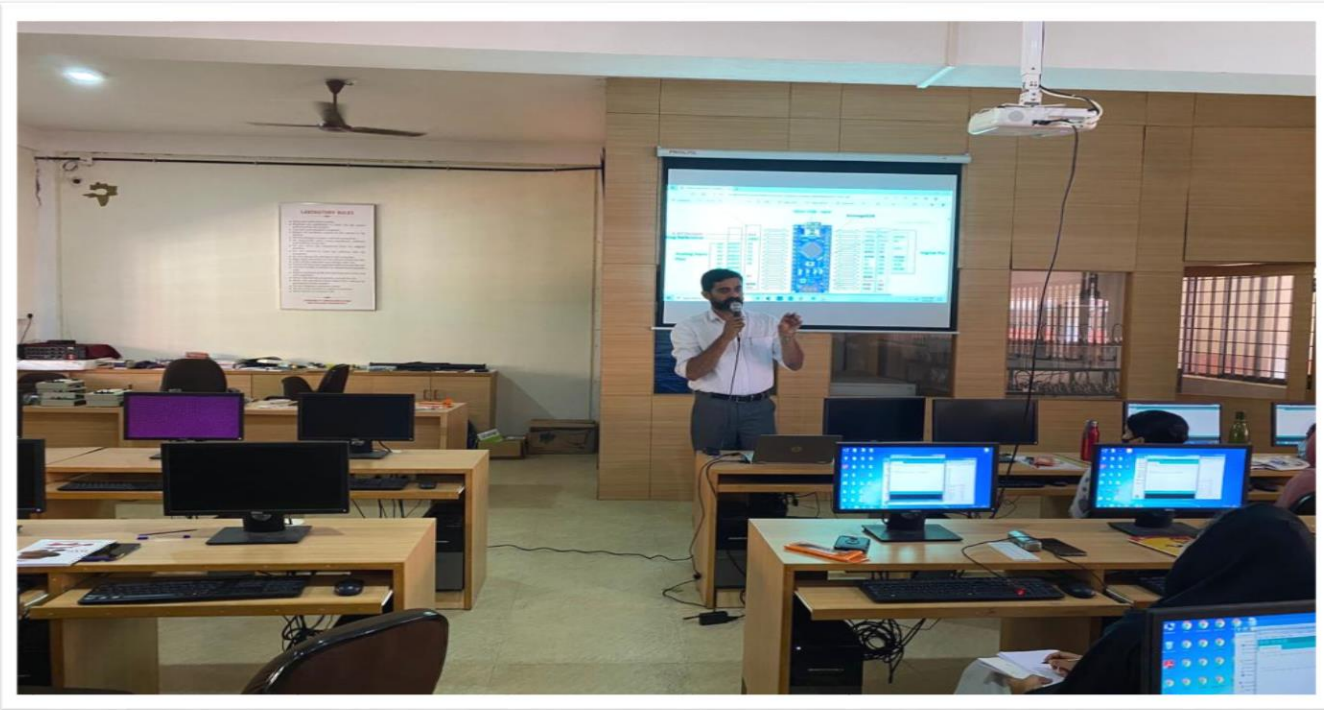
Co-ordinator

Ms Jaseena K U

IIC President

Dr Murugan R

Head of the Department



Q2 10 INTRODUCTION TO STARTUPS

In association with IEDC- MESM and Department of Logistics Management, IIC MESM conducted a Programme “Introduction to Startup” for selected Students on 14.01.2022 at 11.40 am. 21 students and 2 faculties participated in the programme. The Resource Person was Ms. Geethu Merin Antony, Innovation Ambassador, HOD & Assistant Professor, Dept of Fashion

Design and Management, MES College Marampally, Aluva. Ms Jishna T.Hassan coordinated the programme.



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Introduction to Startup

ORGANIZED BY
DEPARTMENT OF LOGISTICS MANAGEMENT

RESOURCE PERSON
GEETHU MERIN ANTONY



faculty coordinator
JISHNA T.HASSAN

student coordinator
AADHIL AHMED

SAJANA K MUHAMMED
HOD

14.01.2022
11:40AM

MES/BVOC P105/LM P07/14-01-21

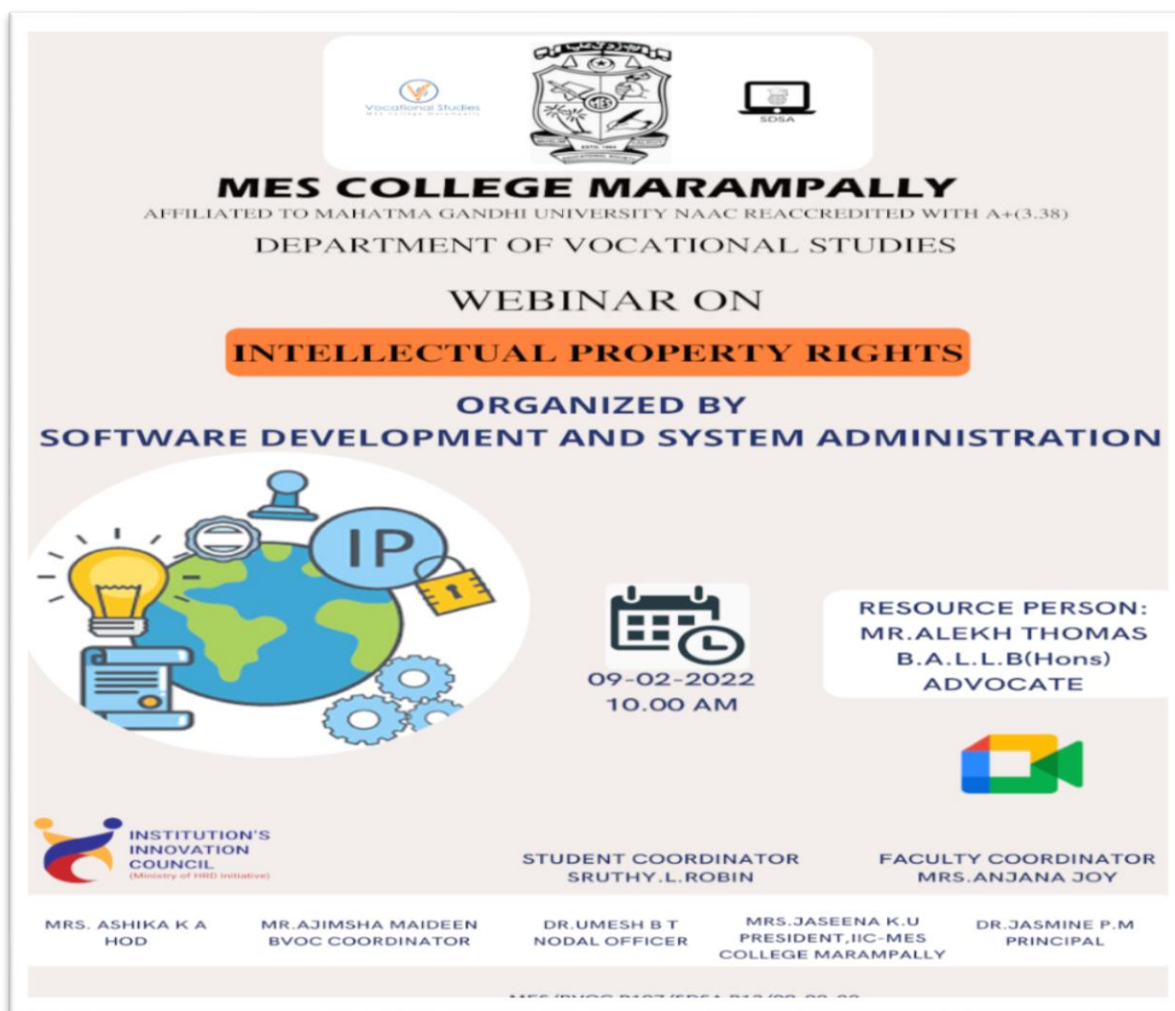
AJIMSHA MAIDEEN **DR. UMESH BT** **MS. JASEENA K. U.** **DR.MANZUR ALI PP**
B.VOCCOORDINATOR NODAL OFFICER IIC PRESIDENT MES COLLEGE MARAMPALLY PRINCIPAL



Q2.11 WEBINAR ON INTELLECTUAL PROPERTY RIGHTS

The department of BVoc Software Development and System Administration of MES College Marampally in association with the Institution's Innovation Council (IIC) conducted a Talk Session on "IPR – Intellectual Property Rights" on 9 th February 2022 using Google Meet.

The program started at 10:00 am. On the inaugural function, Mrs. Anjana Joy, Program Co-ordinator, Asst. Professor welcomed the gathering. Ms. Jyothi Lakshmi S, Asst. Professor and Head of BVoc Software Development and System Administration Inaugurated the function. Mr. Alekh Thomas, Advocate in HighCourt handled the session on the topic "IPR – Intellectual Property Rights". In the end, Kumari Sruthy.L.Robin, Student Co-ordinator, S4 SDSA proposed the vote of thanks. All the students actively participated in the program and proved to be a grant success.



The poster features logos for Vocational Studies, MES College Marampally, and BESA at the top. The main text reads: **MES COLLEGE MARAMPALLY**, AFFILIATED TO MAHATMA GANDHI UNIVERSITY NAAC REACCREDITED WITH A+(3.38), DEPARTMENT OF VOCATIONAL STUDIES, WEBINAR ON **INTELLECTUAL PROPERTY RIGHTS**, ORGANIZED BY SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION. A central graphic shows a globe with a lightbulb, a magnifying glass, a padlock, and gears, with 'IP' in a blue circle. The date and time are 09-02-2022, 10.00 AM. The resource person is MR. ALEKH THOMAS, B.A.L.L.B(Hons) ADVOCATE. The poster also lists the Institution's Innovation Council (Ministry of HRD Initiative) and the following coordinators: Student Coordinator Sruthy.L.Robin and Faculty Coordinator Mrs.Anjana Joy. At the bottom, it lists: Mrs. Ashika K A HOD, Mr. Ajimsha Maideen BVoc Coordinator, Dr. Umesh B T Nodal Officer, Mrs. Jaseena K.U President, IIC-MES College Marampally, and Dr. Jasmine P.M Principal.

MES COLLEGE MARAMPALLY
AFFILIATED TO MAHATMA GANDHI UNIVERSITY NAAC REACCREDITED WITH A+(3.38)
DEPARTMENT OF VOCATIONAL STUDIES

WEBINAR ON
INTELLECTUAL PROPERTY RIGHTS

ORGANIZED BY
SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION

09-02-2022
10.00 AM

RESOURCE PERSON:
MR. ALEKH THOMAS
B.A.L.L.B(Hons)
ADVOCATE

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

STUDENT COORDINATOR
SRUTHY.L.ROBIN

FACULTY COORDINATOR
MRS.ANJANA JOY

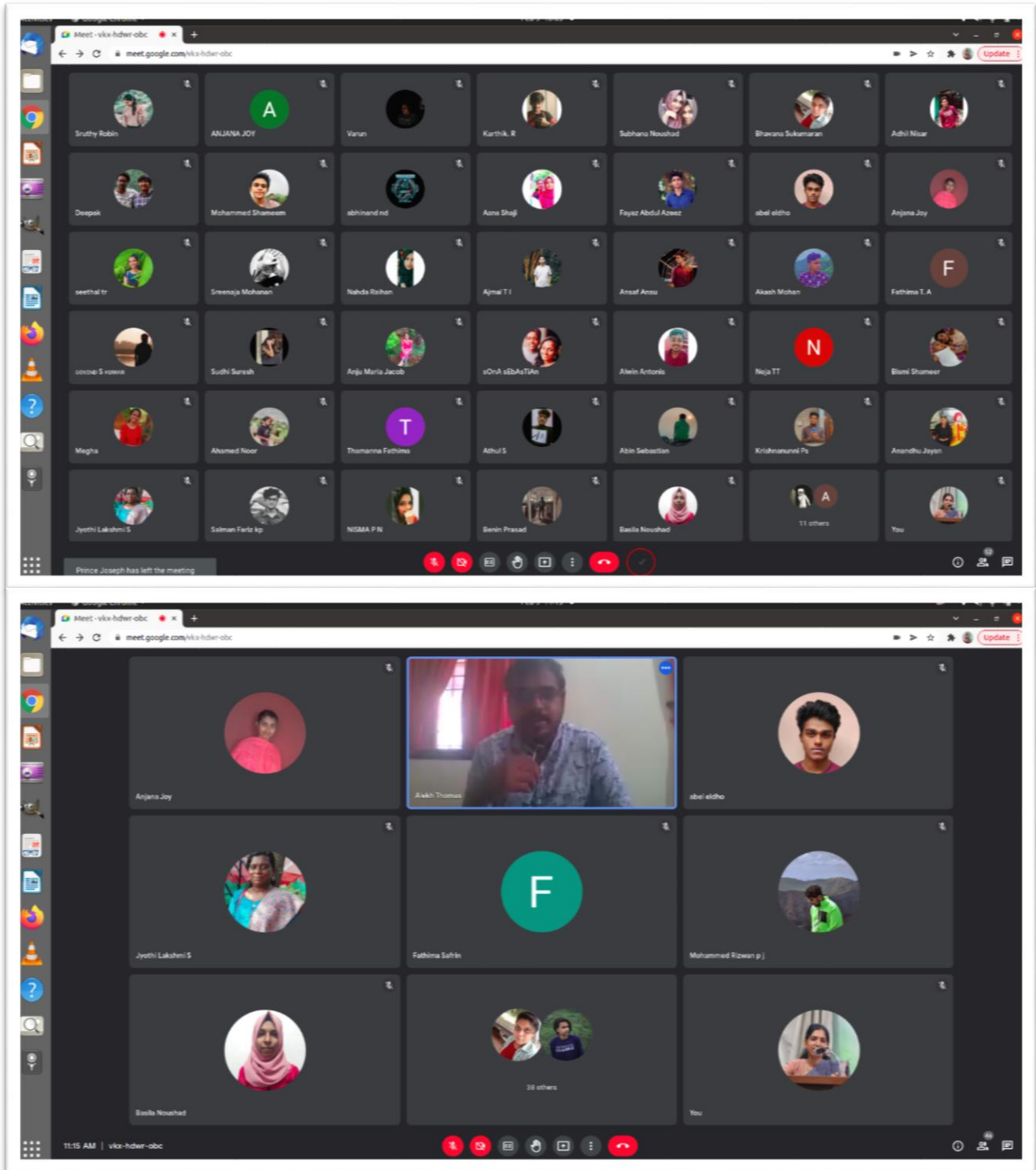
MRS. ASHIKA K A
HOD

MR. AJIMSHA MAIDEEN
BVOC COORDINATOR

DR. UMESH B T
NODAL OFFICER

MRS. JASEENA K.U
PRESIDENT, IIC-MES
COLLEGE MARAMPALLY

DR. JASMINE P.M
PRINCIPAL



Q2.12 CONCEPTO II - IDEA PITCHING CONTEST

Institution's Innovation Cell – MES College Marampally in association with the Startup Cell, Vocational Studies, MES College Marampally has conducted program on “CONCEPTO II IDEA

PITCHING CONTEST” On 20 February 2021. Student pitch recordings were invited from 9 February 2022 to 20 February 2022. Total 23 students submitted pitch recording , out of this best 10 were selected and assigned innovation ambassadors to mentor and improvise their ideas.
Program Statistics Total Participation (Students) 23



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

MES COLLEGE MARAMPALLY
AFFILIATED TO MAHATMA GANDHI UNIVERSITY NAAC REACCREDITED WITH A+(3.38)
Department of Vocational Studies

Startup cell
organizes



CONCEPTO-II

Idea pitching contest

Submit your ideas as powerpoint presentation to
bvocstartups@mesmarampally.org
Submission Deadline: 20th February, 2022

For more enquiries contact:

<p>Student Coordinator MS Mohammed - 7012 616 213</p>	<p>Staff Coordinator Ajith Rajan: 8921133678</p>
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Ajimsha Maideen Coordinator	Dr. Umesh BT Nodal Officer	Mrs. Jaseena KU President IIC, MES college, Marampally	Dr. Jasmine P M Principal
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MES/BVOC P108/COM P22/10-02-2022

Q2.13 3D PRINTING WORKSHOP

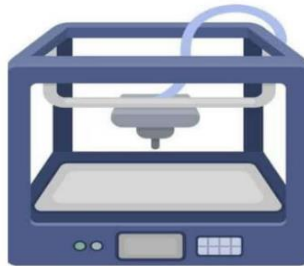
A 3D printing workshop was conducted on 14/02/22 by the IEDC and IIC cell of MES College Marampally in association with BVoc Industrial Instrumentation and Automation Department. The resource person for the programme was Mr Sachin K Asst Professor BVoc IIA / Innovation Ambassador. The workshop was focused on training students in creating a 3d models and handling 3D printer. It was an invite only workshop and a total of 8 students participated in the programme.



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3D PRINTING WORKSHOP



RESOURCE PERSON

Mr. Sachin K

Assistant Professor, Department of
Industrial Instrumentation &
Automation
IIC - Innovation Ambassador

FEB 14 2022 1:30 PM

Invite Only!

IN ASSOCIATION WITH
DEPARTMENT OF INDUSTRIAL INSTRUMENTATION & AUTOMATION
INSTITUTION'S INNOVATION COUNCIL
INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE





Q2.14 SALT

IEDC Of MES College Marampally conducted a two day training programe entitled ‘SALT’, which aims to create awareness about entrepreneurship opportunities among school students and to inculcate a scientific spirit among young minds. It was held on 17th and 18th February 2022. Around 70 students participated and benefited in the session. The programme commenced with a welcome speech by Dr.Sopna V Muhammed, IEDC staff coordinator. MS Muhamrned was student coordinator of the program. The trainers and motivators of the session were Lakshmi Biju , Ninsa Muhammed, Akash, MS Muhmmmed and Famitha M A

The program expected the outcomes from the Students are:

- Collaborative work
- Ideation process
- Plan with planning tools
- Learn basic marketing tools and website designing p ublie speaking and presentation

The session ended with the feedback from the students and their teacher which really inspired the speakers. The idea presentation of the students was the highlight of the program. Students who participated in the session got an insight about Entrepreneurship, Innovation and Communication.



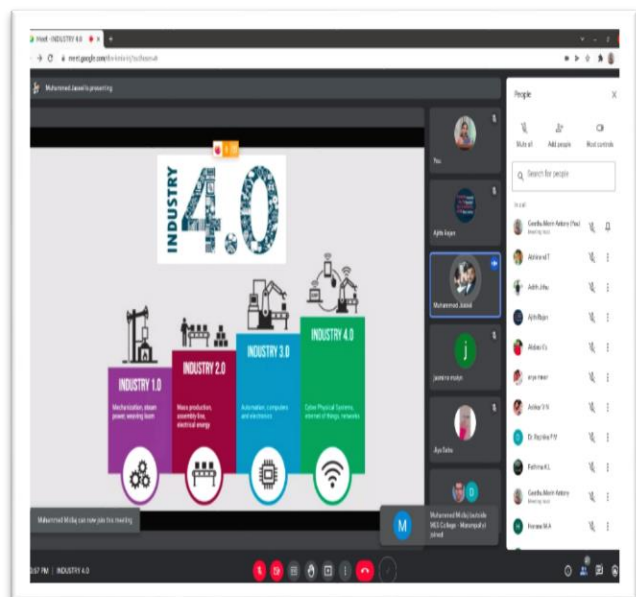
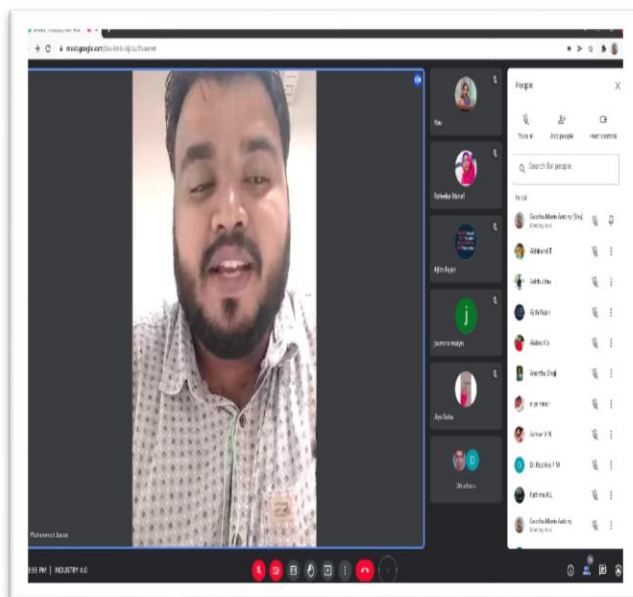
Q2. 15 INDUSTRY 4.0-Career search through Innovative Technology

On 20th February 2022 Department of Industrial Instrumentation and Automation in association with IIC organized a webinar about Industry 4.0 during International Development week on 20 th February in google meet.

The workshop was preceded by an inaugural meeting. During this brief meeting, program Co-ordinator and Assistant professor of Industrial Instrumentation and Automation Department Mr. Ajith Rajan, welcomed the gathering. Mrs. Rafeeka Mol C A coordinator of IEDC MES College marampally gave the presidential address. In the one-hour long workshop Mr.Muhammed Jaseel Co-founder & Mentor Foxlab Makerspace ,Fab Academy Instructor –Fablab Kochi,Technology Innovation fellow – Kerala Startup Mission and Industrialist handled the session on the topic “Industry 4.0. The session covers categories of opportunities, employment areas key insight for fresher’s, key insight for experienced professionals, career sector and method of career search in innovative technologies and their updated versions in the industries. In the concluding session Kumari Jiya Sbu, Student Coordinator, S4 IIA, proposed the vote of thanks and compared the event.

Number of Students Participated :25

Number of Faculties Participated :10



MES COLLEGE MARAMPALLY
Department of Vocational Studies
Department of Industrial Instrumentation
and Automation
 Webinar






Industry 4.0

 20th Feb 2022
 03:30 PM 



Resource Person
Muhammed Jaseel
CEO Foxlab
Makerspace

Ajith Rajan
 Faculty Coordinator
 +91 89211 33678

Ms Mohammed
 Student Coordinator

AMAL SAROJ
HOD IIA

AJIMSHA MAIDEEN
COORDINATOR

Dr. UMESH B.T
NODAL OFFICER

Dr. JASMINE P M
PRINCIPAL

MES/BVOC P110/IIA P10/20-02-2022

Q2.16 3D PRINTING WORKSHOP

A 3D printing workshop was organised on 25 Feb 2022 by the Institution's Innovation Council in association with department of Industrial Instrumentation and Automation Department and Innovation & Entrepreneurship Development Centre of MES College Marampally. The resource person for the programme was Sachin K , Innovation Ambassador and Assistant Professor BVoc

Industrial Instrumentation and Automation. The students were introduced to basics of 3D printing Technology with a live demo. And how to create 3d Models. He also explained the procedure to access 3D printer from IEDC -MESM for their prototype development.



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

MES COLLEGE MARAMPALLY

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NATIONAL TECHNOLOGY DAY CELEBRATIONS

3D PRINTING

Workshop

RESOURCE PERSON



Mr. Sachin K
Assistant Professor,
Department of Industrial
Instrumentation &
Automation
IIC - Innovation Ambassador

Date : 25/02/22

Time : 02:00 Pm

Venue :

IN ASSOCIATION WITH
INSTITUTION'S INNOVATION COUNCIL
DEPARTMENT OF INDUSTRIAL INSTRUMENTATION & AUTOMATION
INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE

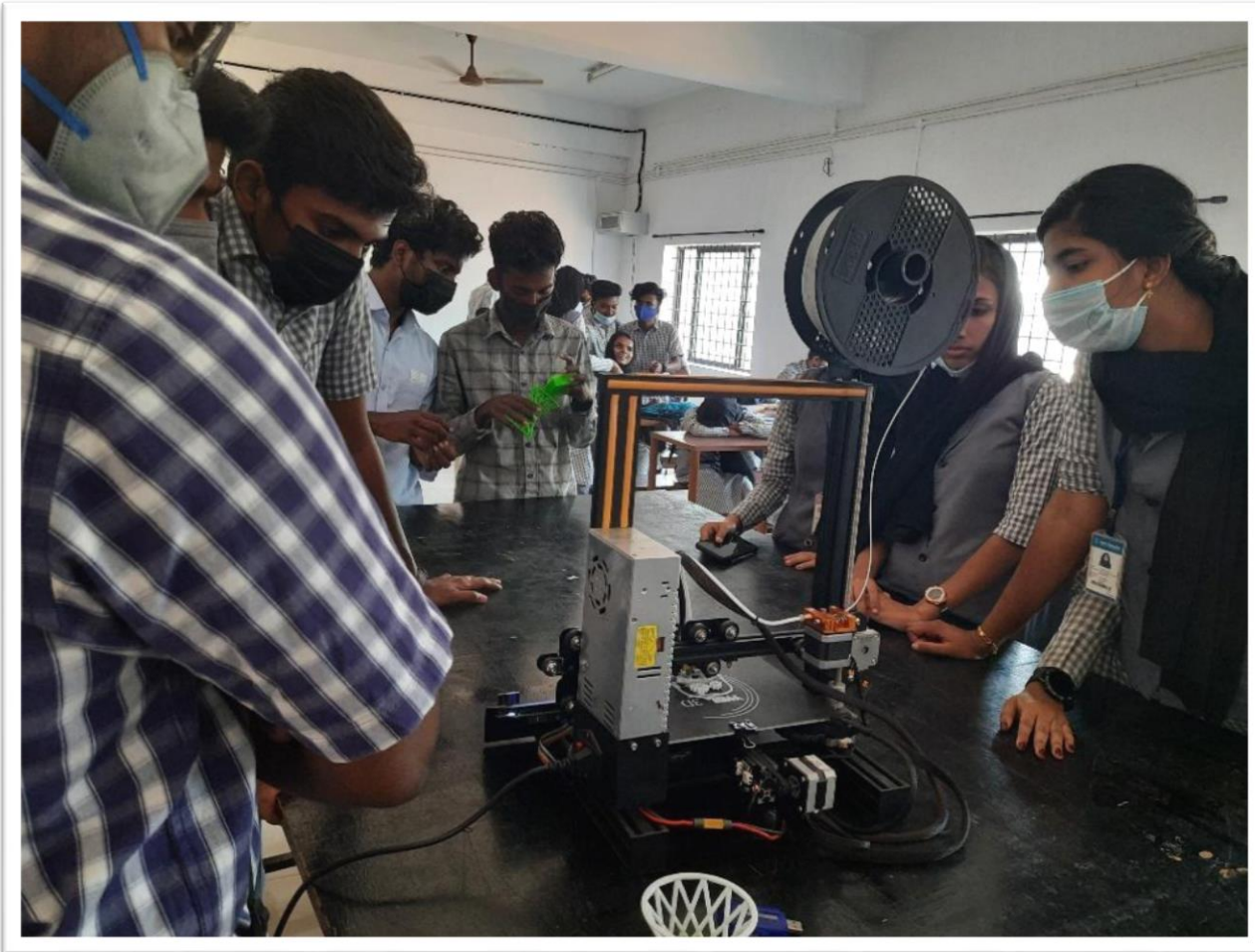
Mr. AMAL SAROJ
HOD - IIA

**Dr. RAFEEKAMOL C A ,
Dr. SOPNA V MUHAMMED**
IEDC COORDINATORS

Mrs. JASEENA K U
PRESIDENT - IIC MESM

Dr. JASMINE P M
PRINCIPAL





Q2.17 AN INTRODUCTION TO INTELLECTUAL PROPERTY RIGHTS

A talk on Intellectual Property Rights area with technical and creative advantages in the current days. Class was about the exclusive right to use the design and authorize other people to use the design as specified in the registration."The Webinar was organized by B.voc Animation and Graphic Design Department in association with Institution's Innovation Council on 26/02/2022. The resource Person: ADV Anwar C K Practicing Lawyer High Court of Kerala and District Court Ernakulam. Program Faculty Coordinator was Ms.Lithiya Dominic and Student Coordinator Ms. Ashna Alex.


The main objective of the Workshop was to improvise about what the design rights are and what the national law is, industrial designs can be protected under copyright law as works of art.


Participant's Profile:

A total of 38 delegates from MES College, B.voc Animation and graphic Design Department ,5 Faculties from MES College also were Participated.

Description about the Program:


On the inaugural function, Ms.Lithiya Dominic welcomes the gathering. Mrs. Minu Muhammed (HOD AGD) Inaugurated the session. The entire session was an interactive session and ADV. ANWAR C K excellently presented the subject to the participants. Ashna Alex Student Representative, proposed vote of thanks. The session was conducted on Google meet platform and also streamed Live in MES third Eye channel. Feedback collected from students and faculties.

 **MES COLLEGE MARAMPALLY**
Department of Vocational studies

 Vocational Studies
MES College Marampally

An Introduction to Intellectual Property Rights



Organized by BVoc Animation and Graphic Design



Adv ANWAR C K
Practicing Lawyer High Court of Kerala
and District Court Ernakulam

19-02-2022 | **Saturday** | **10.30am**

LITHIYA DOMINIC
Faculty Co-ordinator
lithya@mesmarampally.org



Institution's innovation council
(Ministry of HRD Initiative)

ASHNA ALEX
Student coordinator

Mrs. MINU MUHAMMED
HOD
BVocagd.mes@gmail.com

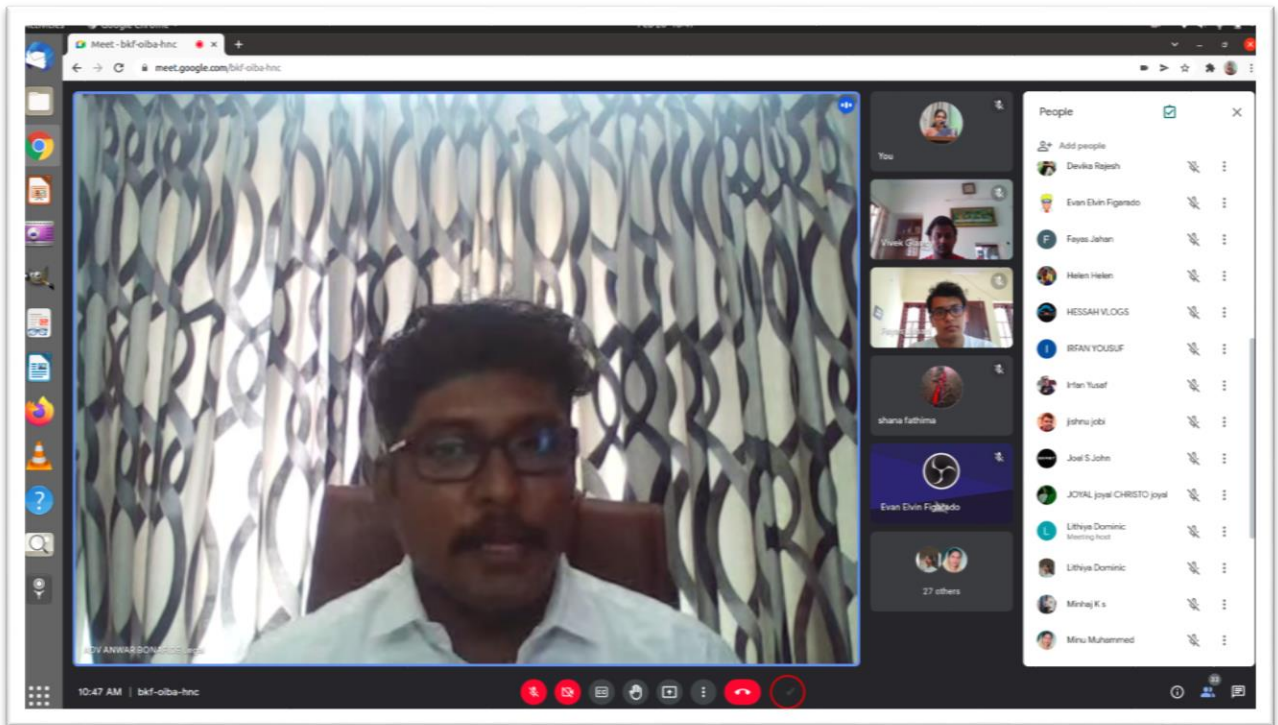
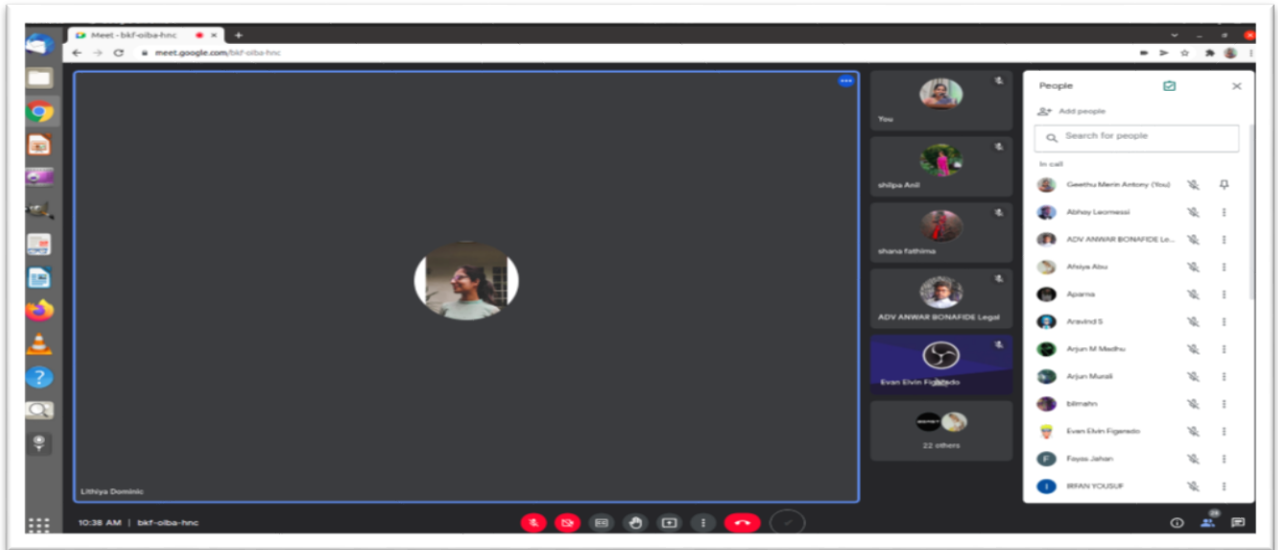
MR. AJIMSHA MAIDEEN
BVoc coordinator

DR. UMESH B T
Nodal Officer

MRS. JASEENA K U
President, IIC-MES
College Marampally

DR. JASMINE P M
PRINCIPAL

MES/BVOC P109/AGD P06/19-02-22



Q2.18 MY STORY - MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR/START-UP FOUNDER: ASHWINI KURUP

On February 28, 2022, Department of Fashion Design and Management in association with Institution's Innovation Council conducted a My Story - Motivational session by a successful

Entrepreneur / Start up Founder. The session was conducted virtually through Googlemeet. Ms. Ashwini Kurup - Founder, The Handmade Store, Mumbai was the resource person.

The session started at 01:30 pm. In the one hour session M.S Kurup talked about her entrepreneurial journey, how she diversified her product range, marketing strategy and mode of operation. She also clarified the student's doubts. The session was concluded by the vote of thanks by Ms.Geethu Merin (HOD,FDM). Ms.Nourin Kareem of S2 B.Voc FDM was the student coordinator. The session was attended by the first year and second year B.Voc FDM students. Forty students and five faculty attended the session.

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INSTITUTION'S INNOVATION COUNCIL
in association with
DEPARTMENT OF VOCATIONAL STUDIES

presents

#Motivational Session
by Successful Entrepreneur/Start-up founder

MY STORY
28 FEBRUARY 22
01:30PM
Ashwini Kurup
Founder - The Handmade Store
Mumbai

 **NOURIN KARIM**
STUDENT COORDINATOR

 +91 8848509461

 bvocfd.mes@gmail.com

 **FDM**

 **Vocational Studies**
MES College Marampally

 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of Education Initiative)

Ms. GEETHU MERIN ANTONY
HOD - FDM

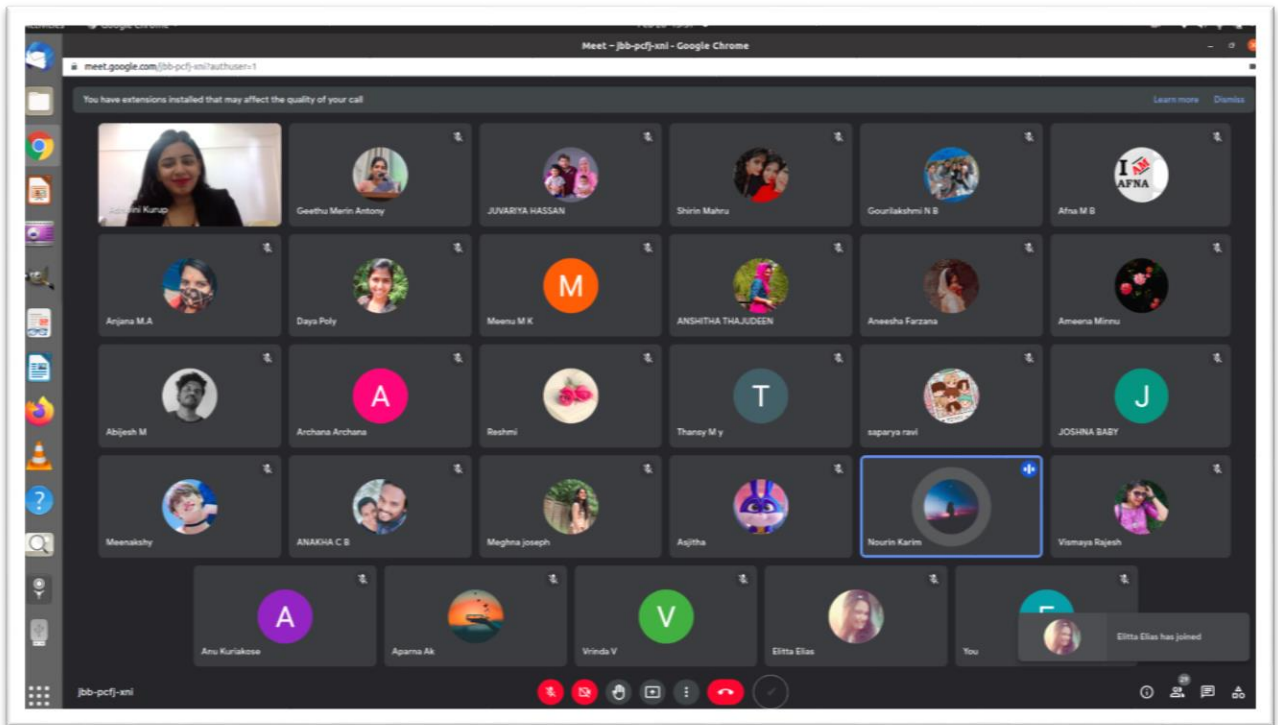
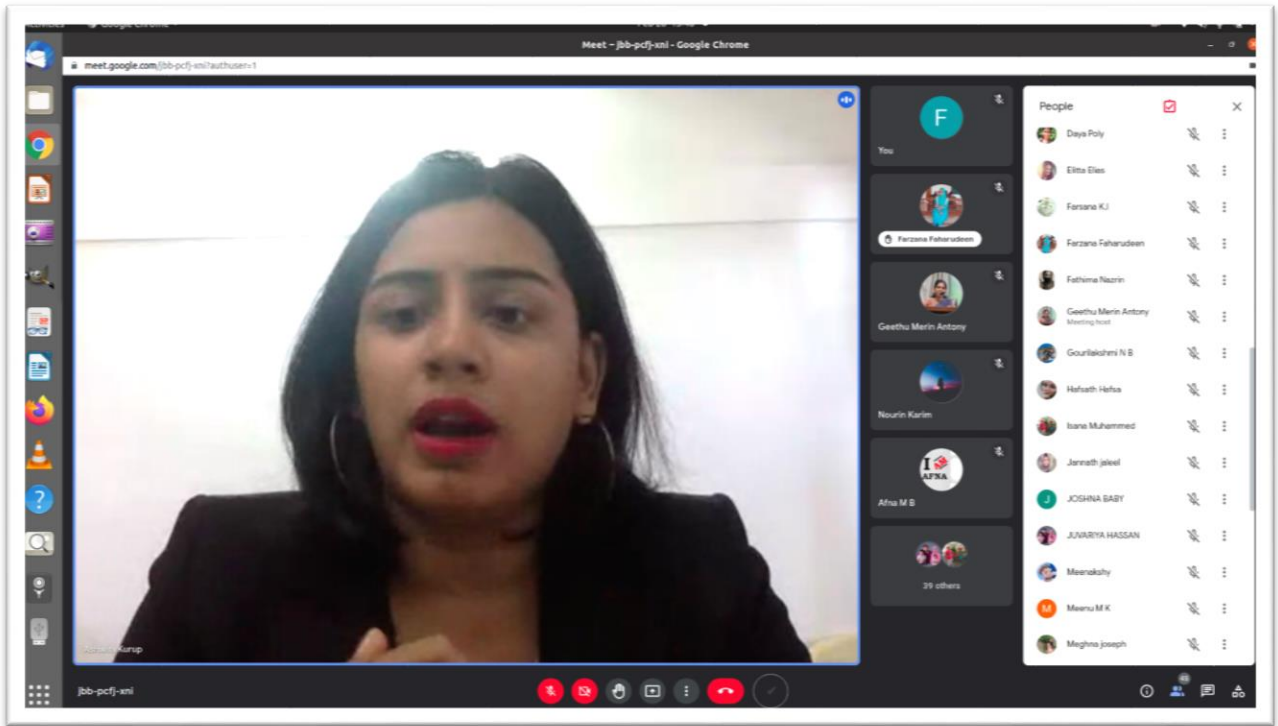
Mr. AJIMSHA MAIDEEN
B.VOC COORDINATOR

Dr. UMESH B T
NODAL OFFICER

Mrs. JASEENA K U
PRESIDENT - IIC MESM

Dr. JASMINE P M
PRINCIPAL

MES/IVOC/0143/JENM/0143/28.02.22

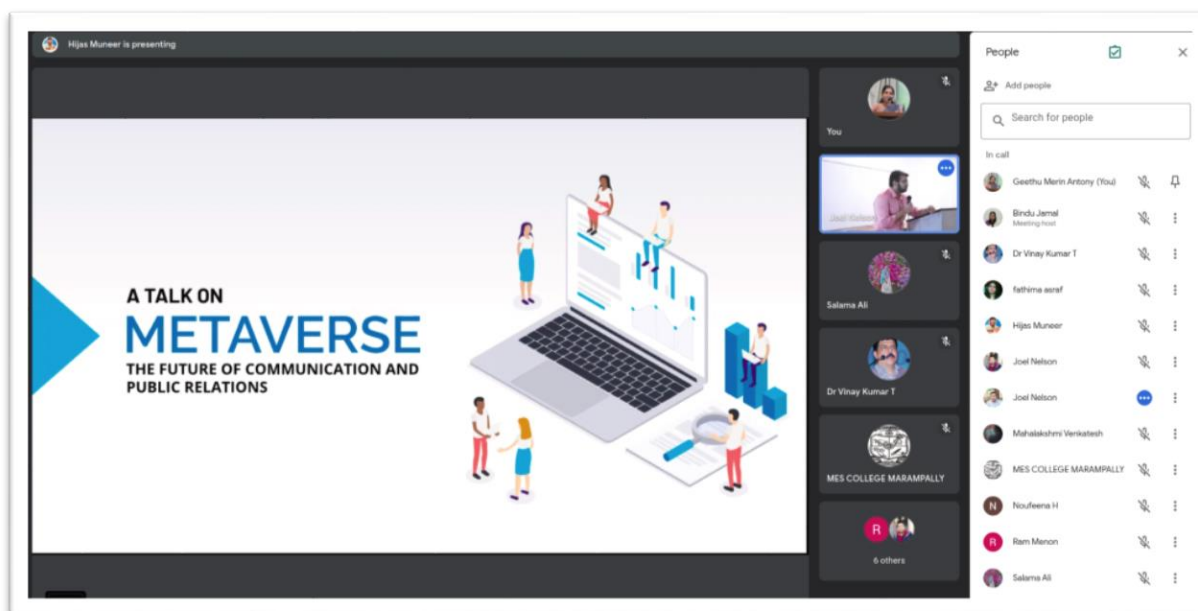


Q2.19 NATIONAL SCIENCE DAY CELEBRATIONS

IIC -MES College Marampally celebrated National Science Day 2022 with various activities conducted by different departments

1. Talk on Metaverse

In association with English Department a talk on metaverse by Student Mr. Joel Nelson was organized. Mr. Joel is a student of English Department who is very passionate about technology. It was attended by students of English Department. The programme was conducted in hybrid mode.



2. Quiz Competition

As part of Observing National Science Day, the department of industrial Instrumentation and Automation has organized "Science and Technology Quiz" Competition in association with Energy and Environment Conservation Club, on 4/03/2022, Friday at 2.30 pm. 22 students from various discipline of MES College Marampally have participated in the competition. The competition has gone through various stages and finally the winners were announced. First Prize was secured by Fazil P B (S1, Msc Electronics) and Eldho Abraham (S1, Msc Electronics). Second prize was won by Vishnu Vinod and Shabir Ali M A (S4, Bvoc IIA) Third prize was secured by

two teams Sidharth R Nair and Ashkar T P (S6, Bsc Electronics) and by Fayis of S2, Msc Physics and Shonson Santhosh of S2, Msc Electronics.



3.Hyperdrive During Covid

Department of Electronics organized project exhibition ,”Hyperdrive During Covid” on 3rd March 2022 as a part of National Science Day celebrations.This year theme for National Science Day 2021 is “ Integrated Approach in science and technology for Sustainable Future". ”. The Department successfully seized the opportunity along with Institution’s Innovation Council (IIC) of the college to deliver the theme.Exhibition’s on student’s project,hobby circuits,green energy equipments,basic electronic devices ,woman safety gadgets etc were conducted. 12 UG projects,5 PG projects and 4 hobby circuits were show cased in the Exhibition.

The exhibition was inaugurated at 10.00 am by Principal Dr. Jasmine P M in the Electronics lab.,Head of the Department Smt. Rejeena K A. and Coordinator Smt. Shemi P M felicitated over the function.

Many teaching, non teaching staffs and students from various other departments,parents and alumni visited the exhibition. All the projects mainly focussed on IOT,Embedded system and Robotics.



MES COLLEGE MARAMPALLY

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**Department of Electronics
in Association with IIC and EECC
Organizes**

HYPERDRIVE DURING COVID

Electronics Project Exhibition 2022

As part of National Science Day
celebrations



03/03/2022
@ 10 am

Principal

Dr. Jasmine P M

Head of the Department

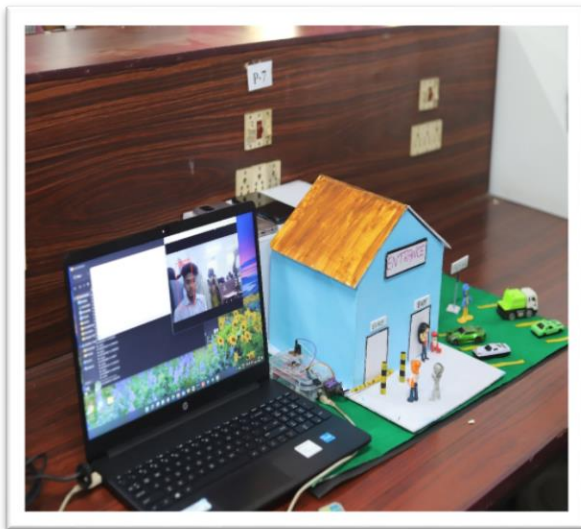
Ms. Rajeena K A

Programme Co-ordinators

Dr. Shemi P M
Ms. Shareena E M

Student Co-ordinators

Sahid Bin Ali T A
Muhammed Ashkar T P



Q3

(01 March 2022 – 31 May 2022)

Q3 COUNCIL MEETING

29.04.2022

Google Meet Link: [/meet.google.com/dzt-neiw-cfo](https://meet.google.com/dzt-neiw-cfo)

The Quarter- III Institution's Innovation Council meeting was conducted on 3rd November

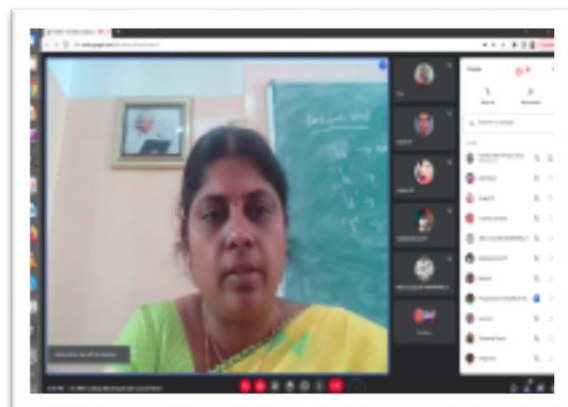
2021. Dr. Ajims P Mohammed presided over the meeting. Ms. Geethu Merin Antony briefed about the Q1 and Q2 activities. She detailed the Q3 activities to be conducted. DIIC coordinators from various departments participated in the discussion. 15 faculties and 10 students attended the meeting.

Agenda:

- Review of Q1 & Q2 activities.
- Q3 Activity planning
- Linkage with a mentor institution.

Discussions

1. Visiting the Pre Incubation centre at PSGR College for Women.
2. Including more entrepreneurs, investors and alumni as external members.
3. Organising Business plan competition and girl studentpreneur Pitching Event.
4. Creation of e content repository with the help of innovation ambassadors.
5. Conducting session on Prototyping, Business Model Canvas and Legal and Ethical steps for starting Startups



Q3 ACTIVITIES

Q3.1 SEMINAR ON INTELLECTUAL PROPERTY RIGHTS

The Department of Commerce organized a seminar on Intellectual Property Right on 02/03/2022. The key topic of the Seminar was registration of IPR and patent processing. The speaker of the seminar was Adv. Mohan Raj T.P. who is the Associate Advocate of HighCourt of Kerala and the guest faculty of CUSAT and MES College Marampally .The head of Department of Commerce Dr. Rafeekamol C.A welcomed the gathering. In total there were 62 participants. The department collected feedback from the participants. The seminar was coordinated by Smt. Rahmath M K and Ramla Beevi AP.. Nandana S2 B.Com Taxation proposed the vote of thanks.




MES COLLEGE MARAMPALLY





Department of Commerce

**Seminar on Intellectual Property Rights
in Association with IIC and IEDC**



@10 .30AM

Date:02/03/2022

ADV .MOHANRAJ T.P
GUEST FACULTY SLS CUSAT&MES
COLLEGE MARAMPALLY

Programme coordinators
RAHMATH MK
RAMLA BEEVI AP
PRAVEEN EP

HOD
DR RAFEEKA MOL CA

PRINCIPAL
DR JASMIN PM

Q3.2 AWARENESS PROGRAM ON INTELLECTUAL PROPERTY RIGHTS

Department of Physics, Department of Chemistry and IIC, MES College Marampally jointly organized an awareness program on the topic “Awareness Program on Intellectual Property Rights” on 22nd March 2022 at 2 pm. This awareness program was supported by Intellectual Property India as a part of ‘National IP Awareness mission’. Ms. Hiba Nissar First year M. Sc. Physics, anchored the program. The program was begun with a prayer song sung by student Ms.

Hridya Hari from the Department of Chemistry. Mrs Gincy K Varghese, Head, Department of Physics welcomed the gathering. Later Dr. Jasmine P. M, Principal, MES College Marampally delivered the Presidential address. Followed by the Presidential address, resource person Mr Anoop K Joy, Deputy Controller of Patents and Designs, Patents office Chennai took over the session. He joined the Patent office in 2002 as Examiner of Patents; and has got more than 20 years of experience. He is also trained at European and Australian Patents office. More than a program; it went well in the form of a mutual discussion on the topic. First he gave a general overview about IPR-the various IPRs, the importance and significance about it; and then provided a clearcut idea on patent, and its application procedures. Through his session, we were able to make out the different career opportunities in the field of IPR. Actually IPR is something that we all should be aware of. According to him, as the name suggests IPR (Intellectual Property Rights) are the rights given to person over the creation of their minds. They are the legal rights that inventions resulting from intellectual activity in Industrial, Literacy, Scientific fields. The Program came to an end by the vote of Thanks delivered by Hiba Nissar 1st year Msc Physics student. The session was really informative and knowledgable under the guidance of the coordinators Dr Nidhin Chandran, HOD of Chemistry and Mrs.Gincy K Varghese, Assistant Professor, Department of Physics.

AWARENESS PROGRAMME ON INTELLECTUAL PROPERTY RIGHTS

MES COLLEGE MARAMPALLY

NIPAM
NATIONAL IP AWARENESS MISSION

Anoop K. Joy
Deputy Controller of Patents and Designs,
Patent office, Chennai

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

KSCSTE

Coordinators
Dr. Nithin Chandran, HOD, Dept. of Chemistry
Mrs. Gincy K Varghese, HOD, Dept. of Physics

Principal
Dr. Jasmine P. M.

IIC President
Mrs. Jaseena K.U

22-03-2022, Tuesday 2.00 PM

Venue
Conference Hall, Main Block



Q3.3 INTERNAL HACKATHON FOR SMART INDIA HACKATHON 2022

To screen students for Smart India Hackathon (SIH) 2022, an internal online hackathon was announced. The hackathon was open for all problem statements available for SIH 2022. Students were asked to submit their ideas in the template provided. The hackathon was open till 10/04/2022. Best 7 were nominated for SIH 2022 and were allotted mentors for guidance. The evaluators for the hackathon were Dr.Jaseena KU, Ms.Sahreena EM and Mr.Ajith Rajan The top 5 winners are :

1. Sahid Bin Ali T A, S4 M.Sc Electronics & Team
2. Aswin Santhakumar, S6 BCA & Team
3. Muhammed Adnan Naina S2 B.Sc Biotechnology & Team
4. Shahma RM, S6 B.Sc Biotechnology & Team
5. Shafas Ali M. S, S6 B.voc Logistics Management & Team
6. Hanana M A, S6 B.Voc Industrial Instrumentation & Team



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INSTITUTION'S INNOVATION COUNCIL

INTERNAL HACKATHON
for

SMART INDIA HACKATHON 2022

THEMES

SMART AUTOMATION	FITNESS & SPORTS
HERITAGE & CULTURE	MEDTECH/BIOTECH/ HEALTHTECH
DISASTER MANAGEMENT	SMART VEHICLES
TRANSPORTATION & LOGISTICS	ROBOTICS AND DRONES
CLEAN & GREEN TECHNOLOGY	TOURISM
RENEWABLE/ SUSTAINABLE ENERGY	BLOCKCHAIN & CYBERSECURITY
SMART EDUCATION	AGRICULTURE, FOODTECH & RURAL DEVELOPMENT
MISCELLANEOUS	

Mail your entries as powerpoint presentations to
iic.mesmarampally@gmail.com on or before 10/04/2022

For more details
☎ 8848509461

[Click here for Problem Statements](#)
[Click here to download idea template](#)

Dr. JASEENA K U
PRESIDENT - IIC MESM

Dr. JASMINE P M
PRINCIPAL

Q3.4 WORLD EARTH DAY CELEBRATIONS

As part of World Earth Day NCC, announced a 'Plant a Tree' Challenge through Instagram on 22/04/2022. Students planted trees and uploaded pictures on Instagram with the hashtag 'invest in planet'. Twenty-two students participated in this campaign.



NCC UNIT
MES COLLEGE MARAMPALLY
22 (K) BN NCC ELOOR

INVEST IN OUR PLANET

A campaign to rebuild our earth on
22 April World Earth Day

Plant a tree or do other activities for
protecting our planet



- Add your photos and mention our instagram account
- use hashtag #investinourplanet
- mention your 2 friends to this challenge

#investinourplanet

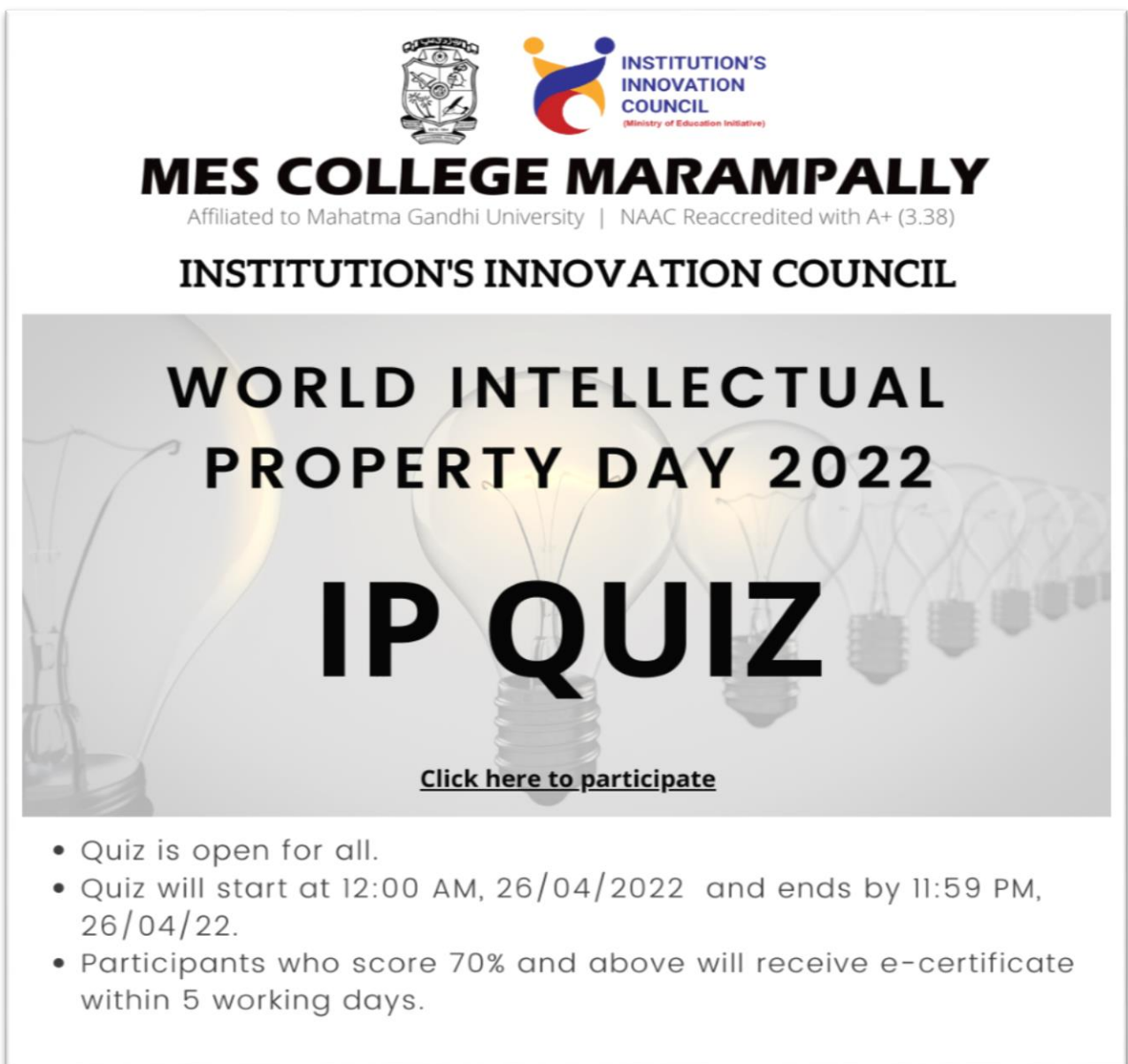
**We invite all of you to make a big
difference in our earth by planting a tree**



For further information visit @ncc_mes_marampally

Q3.5 WORLD INTELLECTUAL PROPERTY RIGHTS DAY ONLINE IP QUIZ

As part of World Intellectual Property Day observance, IIC MESM organized an online quiz. The quiz was open for all from 12:00 am to 11:59 pm. Twenty questions about Intellectual property was circulated in a google form. 66 people attended the quiz. Participants who score more than 70% were awarded e certificates.

Questionnaire Link: <https://forms.gle/kyayYR6kBg5eNJto9>



  **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of Education Initiative)

MES COLLEGE MARAMPALLY
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INSTITUTION'S INNOVATION COUNCIL

**WORLD INTELLECTUAL
PROPERTY DAY 2022**

IP QUIZ

[Click here to participate](#)

- Quiz is open for all.
- Quiz will start at 12:00 AM, 26/04/2022 and ends by 11:59 PM, 26/04/22.
- Participants who score 70% and above will receive e-certificate within 5 working days.

Q4

(01 June 2022 – 31 August 2022)

Q4 COUNCIL MEET

24/06/22

Venue Room No 225

The Quarter-IV Institution's Innovation Council meeting was conducted on 24th June 2022 at Room No:225. Dr. Sam Kollanore Uurugan R presided over the meeting. Ms. Geethu Merin Antony presented the meeting agenda. Principal Dr.Ajims P Mohammed addressed the gathering. IIC coordinators from various departments participated in the discussion. 20 faculties attended the meeting.

Agenda:

- 1.Q3 & Q4 Activity review
- 2.Selection of Innovation Ambassadors.
3. Conduct of 'Innovation Ecosystem How and Why
- 4.Action Plan for Q4
- 5.Application for TBI, AIC and ACIC

Discussions:

- 1.Decided to nominate Dr.Sheeba K H, Dr.Sam Kollanore U, Mrs.Binila Pulikottil, Mrs. Razeena Ashraf as innovation ambassadors and to collect names of other interested teachers.
- 2.Decided to arrange space for Incubation activities.
- 3.Decided to apply for AIC and ACIC
- 4.Decided to conduct Session with Startup Ecosystem enablers, Session on Accelerators/Incubation - Opportunities for Students & Faculties as early-Stage Entrepreneurs.



Q4 ACTIVITIES

Q4.1 WORLD ENVIRONMENT DAY CELEBRATIONS

As part of World Earth Day NCC, NSS and various departments planted various plants inside the campus and in students' homes. An herbal medicinal plant garden was prepared on 06 June 2022. Faculty and students actively participated in this mission.





Q4.2 WOMEN IN BUSINESS: TRENDS AND OPPORTUNITIES

The Department of Computer Applications organized a seminar on 23rd of June 2022, on the topic " Women in Business: Trends and Opportunities ". The resource person of the seminar was Ms. Nirmala Lilly, President of Kerala Management Association. The main motive of the program was to refresh student's mind with innovative ideas after the covid scenario.

The session started with a prayer song. Welcome address was given by Dr. Leena C Sekhar, Head of the Department. Followed by presidential address by Dr. Jasmine P M, Vice-Principal. Program coordinator Dr. Shereena V B introduced the resource person. Thereby the speaker was invited for taking the session.

Beginning with the topic that how a woman can achieve her aim, Ms Nirmala Lily explained so many effective tips and ways to become successful in any kind of business and entrepreneurship. The session was so inspiring that she shared challenges she faced to become who she is now. She suggested the participants to answer the 4Ws (why, what, who, when) and 1H (how) about their current living. She also said that the current world has changed a lot from the time when people used to say 'women only have

to take care of the 3Ks which are knitting, kitchen and kids. Her main suggestions to achieve any goal were to remain focused, find own passion and hard work. She also talked about the 3Ps (purpose, passion, perseverance) and the 3Ds (destiny, determination and dedication) which was a new information to most of the listeners.

After the seminar, as a token of love a memento was handed over to the guest speaker by the Head of the Department. Feedback of the session was given by students of the department. Finally, the program coordinator Dr. Jaseena K.U. did the vote of thanks and thus concluding the program

Date: 23-06-22
Time: 10.00 am - 11.30 am
Venue: South block Seminar Hall

Dr. Ajims P Mohammed
Principal, MES College Marampally

Dr. Leena C Sekhar
Head, Department of Computer Applications

Coordinators
Dr. Jaseena K U
Dr. Shereena V B

In association with
Women Cell, MES College Marampally

MES COLLEGE MARAMPALLY
Department of Computer Applications

INSTITUTION'S INNOVATION COUNCIL
(Affiliated to MIBS - Bangalore)

Women in Business : Trends and Opportunities



Resource Person

Nirmala Lilly
President, Kerala Management Association
Chief Executive Officer
Infinity Hospitality Service, Kochi
State President - Kerala
Women Indian Chamber of Commerce & Industry



Q4.3 INNOVATION ECOSYSTEM BUILDING HOW AND WHY

The One Day Workshop on ‘Innovation Ecosystem Building – How and Why?’ was held for the faculty members of MES College Marampally on 25 June 2022 at Seminar Hall, South Block, MES College Marampally. This workshop has been organized to get a deep awareness about innovation and incubation ecosystem which are to be established in the higher education institutions.

Prof. Sherin Sam Jose, Chief Executive Officer, Technology Business Incubation Centre and Head, Department of Mechanical Engineering Automobile, Amal Jyothi College of Engineering was the resource person of the workshop.

Seventy-one faculty members of the college attended the sessions. Dr. Sam Kollannore U, IIC President of the college delivered the welcome address. Dr. Ajims P Mohammed, Principal, MES College delivered the presidential address. Prof. Sherin delivered excellent talk in the forenoon and afternoon sessions. He detailed the term Innovation that is applicable for society we live in and the way we need to observe and analyze things. He had shared the path he had traversed and the efforts he had painstakingly taken for making the TBI a reality at Amal Jyothi college of Engineering. The face-to-face mode session handled by Prof. Sherin has been appreciated by the participants for delivering immense information related to need of innovation ecosystem.

Programme Schedule – 25 June 2022 (Face-to-face Mode)

9:30 am – 3:30 pm

Prayer	
Welcome Address	Dr. Sam Kollannore U
Presidential Address	Dr. Ajims P. Mohammed
Session 1 (10:00 am – 12:30 pm)	Prof. Sherin Sam Jose
Lunch Break	
Session 2	Prof. Sherin Sam Jose
Vote of thanks	Dr. Sopna V. Mohammed,

ONE DAY WORKSHOP ON
INNOVATION
ECOSYSTEM BUILDING
HOW AND WHY?



Organized by:

Institution Innovation Council (IIC)
MES College Marampally

In association with:

IEDC and NISP, MES College Marampally.

Date: 25 June 2022 | Time: 9.30am to 3.30pm

Resource Person:

Prof. Sherin Sam Jose

(CEO, Technology Business Incubation Centre,
Amal Jyothi College of Engineering, Kanjirappally)

**Venue: Conference Hall, South Block,
MES College Marampally**

**All the faculty members
are invited to attend the workshop**

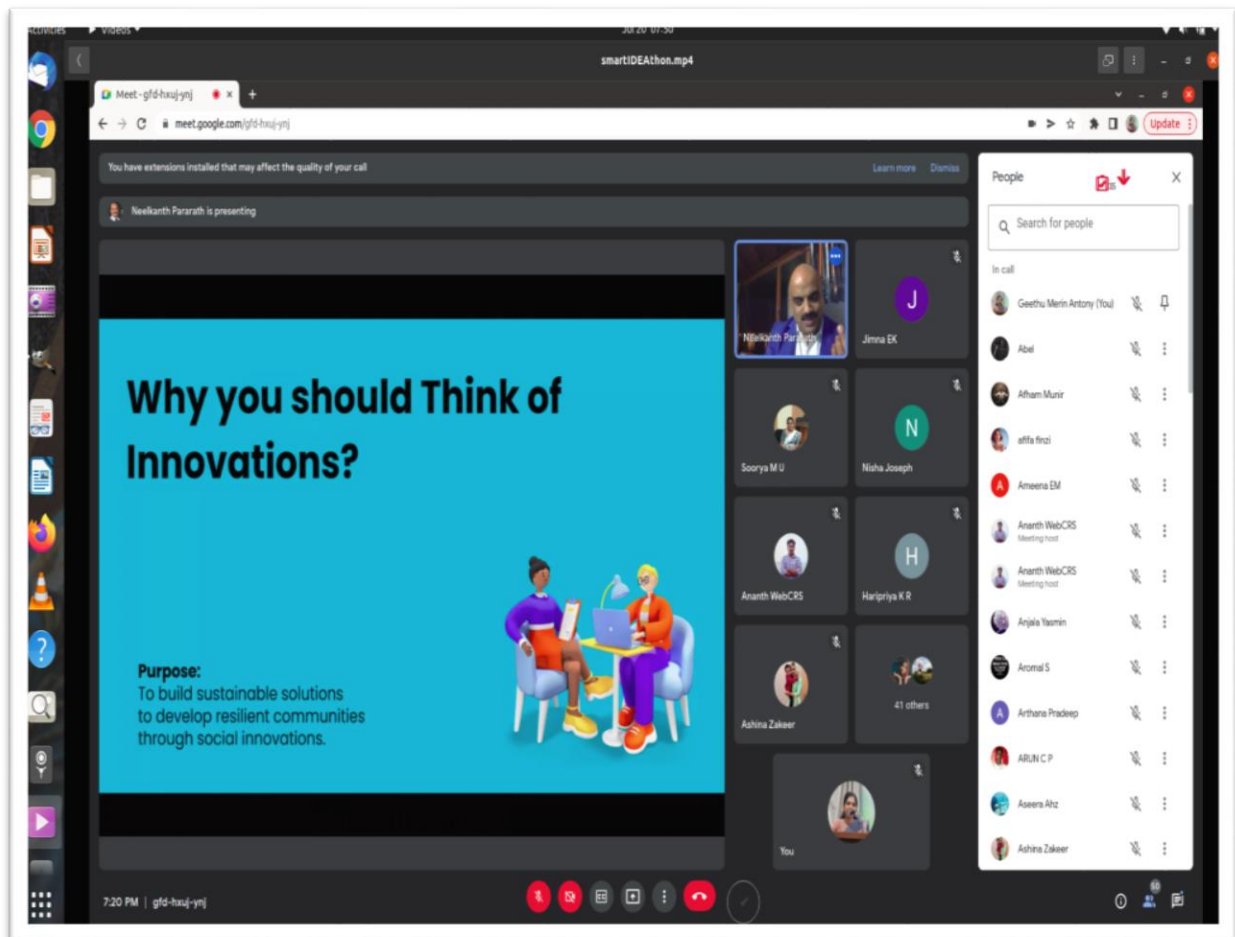
Coordinators:

Dr. Sam Kollannore U (IIC)
Dr. Sopna V Mohammed (IEDC)
Lt. Ibrahim Salim (NISP)
Dr. Ajims P. Mohammed,
(Principal, MES College Marampally)



Q4.4 AWARENESS SESSION ON SMARTIDEATHON 2022 CHALLENGE

The Institution's Innovation Council and IEDC of MES College Marampally hosted an awareness session on SmartIDEAthon 2022 Challenge by Startup India on 27/06/22. Mr. Neelkanth Pararath CEO, Webcrstravel Technologies Pvt Ltd was the resource person. He explained about the challenge, its procedures and prizes. Students clarified their doubts. 45 students and 5 faculty joined the session.





**INSTITUTION'S
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COUNCIL**
(Ministry of Education Initiative)



MES COLLEGE MARAMPALLY

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Awareness Session

on

SmartIDEAthon 2022 Challenge

Resourceperson

Mr. Neelkanth Pararath

CEO, Webcrstravel Technologies Pvt Ltd



Google Meet

June 27 2022, Monday

07:00 pm

Organized By

- **Institution's Innovation Council (IIC)**
- **Innovation & Entrepreneurship Development Centre (IEDC)**

Dr. SOPNA V MUHAMMED
IEDC COORDINATOR

Dr. SAM KOLLANORE U
PRESIDENT, IIC MESM

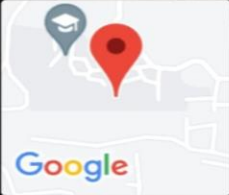
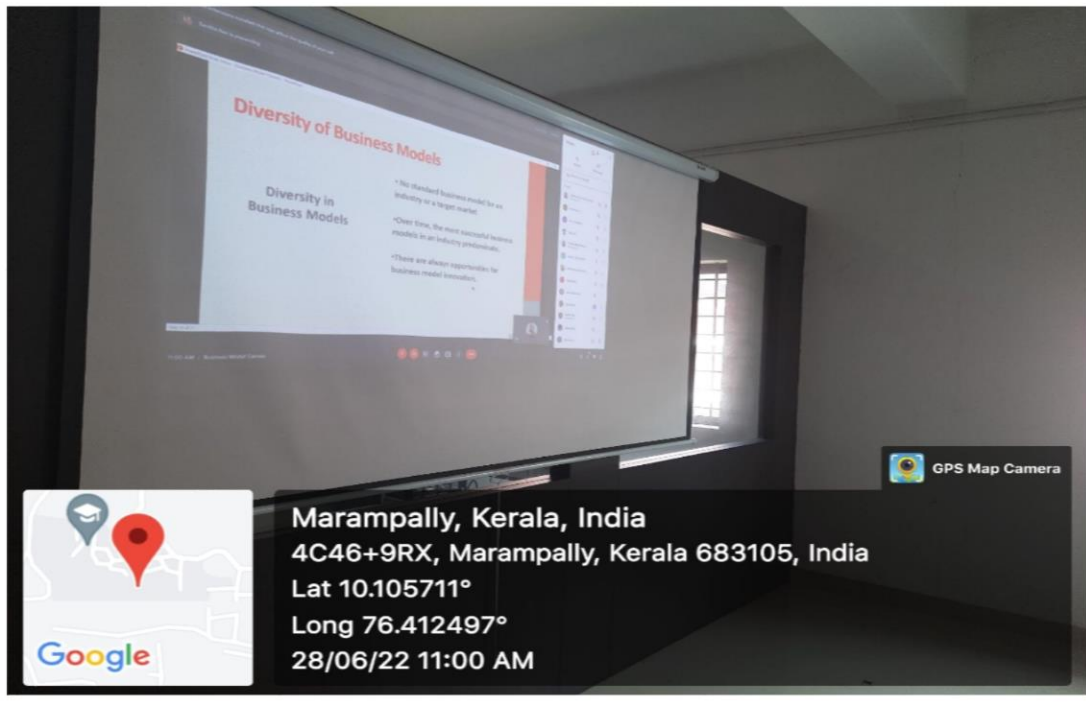
Dr. AJIMS P MOHAMMED
PRINCIPAL

Q4.5 WEBINAR ON BUSINESS MODEL CANVAS (BMC)

The Institution's Innovation Council of MES College Marampally in association with the mentor college - PSGR Krishnammal College for Women, Coimbatore conducted a webinar on Business Model Canvas. Dr. Savita Nair, Dean, GRG School of Management, PSGR Krishnammal College, Coimbatore was the resource person. Ms. Geethu Merin Antony, Convener IIC, introduced the resource person. In the one-hour session she explained about Business Model Canvas in a very simple and effective way. She talked about the genesis, meaning, and need of Business model canvas. She also mentioned how successful entrepreneurs approach BMC and its diversity and components. She detailed the creation of BMC using the business model canvas of various companies like UBER, BMW e.t.c. Ms. Thansy M.Y Assistant Professor proposed the vote of thanks.

The platform used for the webinar was Googlemeet. The session was screened for the students and faculty at the SDSA Lab. A total of 35 students and 7 faculty members attended the session.





Marampally, Kerala, India
 4C46+9RX, Marampally, Kerala 683105, India
 Lat 10.105711°
 Long 76.412497°
 28/06/22 11:00 AM






MES COLLEGE MARAMPALLY
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Institution's Innovation Council

Webinar on
Business Model Canvas

Resource person :
Dr. Savitha Nair,
 Dean, GRG School of Management Studies,
 Coimbatore

 **10:30 am**
28 June 2022

Dr. SAM KOLLANORE U
 PRESIDENT, IIC MESM



Dr. AJIMS P MOHAMMED
 PRINCIPAL

Q4.6 EMBLAZON 2022

The Department of Electronics and PG association, MES College Marampally organized a paper presentation competition 'EMBLAZON 2022', for the students on 04.07.2022. The competition mainly focus on developing the research skills among the students.

Total 60 members participated in the programme. Out of 18 students registered 12 students participated in the presentation. The paper presentation competition was based on the topic 'Developing Organizational Innovation through Employee Focus, Culture, Digital Transformations, Prototyping and Ecosystem Collaborations'.

The programme was chaired by Mr. Akhil T V, Assistant Professor, Department of Electronics, Union Christian College, Aluva. The programme was coordinated by Ms Chika K PG Association Coordinator and Shareena E M, MSc Electronics Coordinator.

The programme started at 11 am at Main Block Conference Hall. The students from various Departments participated in this competition.

In the Inauguration session Ms. Shareena E M, MSc Coordinator welcomed the gathering. The programme was presided by Dr. Shemi P M, Staff Association Coordinator and HoD in Charge.

The 'EMBLAZON 2022' was inaugurated by Adv. A A Abul Hassan ,Secretary, College Managing Committee, MES College Marampally. Anjana Shibu , student coordinator delivered the vote thanks.

The first prize, was bagged by Mr Abhishek Venugopal , BSc Psychology and the second prize by Mr Shareeq Shabeer, MSc Computer Science.

The chair of the programme Mr. Akhil T V congratulated the participants for their wonderful presentation and for the topic they selected.

The area of presentations included Organizational Behaviour, Deep learning, IoT, Embedded System, Robotics etc.





MES COLLEGE MARAMPALLY
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**Department of Electronics and
PG Association Jointly
Presents**

**EMBLAZÓN
- 2022**

Paper Presentation Competition

▶ **For the Students of MES College Marampally**

**Theme : Developing Organizational Innovation through Employee
Focus, Culture, Digital Transformations, Prototyping
and Ecosystem Collaborations**

▶ **Email your abstract to chika4895@gmail.com
by June 30 2022**

Contact Details :
98478 84791
8848176702
9846190713

Rules :

- ▶ Single Participant Event
- ▶ Presentation Time Limit :
10 minutes (7+3)

📅 **On July 4 - 2022 At 11 am**

📍 **Venue : Conference hall**

Ms.Rejeena K A HOD **Ms.Shareena E M MSc Co-ordinator**

Ms. Chika K Gangadharan PG Association Co-ordinator

Dr. Ajims P Mohammed Principal

Q4.7 JAVOO COIMBATORE LAB VISIT

On 6th July 2022, the students of Second and Fourth semester MSc Electronics of MES College Marampally received an opportunity to visit Lab at Nehru Institute of Engineering and Technology Coimbatore, Tamil Nadu. This visit is meant for the faculties as well as the students to make an awareness on New Gen IEDC and Technology Business Incubation centre at the institute.

23 students along with 3 faculty members of Electronics department reached the College by 09:30am. The Institute's Lab is a perfect platform for innovation and invention. Students visited Texas Instrument Laboratory, LIC and Communication System Laboratory, Microprocessor and Micro controller Laboratory, New Gen IEDC innovation Laboratory, NGI New Gen IEDC, NGI TBI.

The Lab and machines are well maintained and a number of projects is being developed. The first session of the visit was 'Introduction to New Gen IEDC and TBI' by Mr. S. Mohan, Coordinator,NGI New Gen IEDC. The session was very interactive and understanding. The session included a detailed information regarding TBI funding, patent filing etc.

Texas Instrument Laboratory, LIC and Communication System Laboratory, Microprocessor and Micro controller Laboratory are well equipped with hardware components and software tools.

NGITBI is also a perfect platform for innovations and inventions. A no. of products is being developed in this TBI. This includes embedded system design, IOT, VLSI design, etc. as the area of interest. They mainly focused on Biomedical equipments and technology enabled products.

We returned from the college by 3:30pm. The faculties at the lab were very supportive and the infrastructure is well maintained. Lab along with a team of dynamic coordinators made it a good resource providing centre of the institution. Nehru Institute of Engineering and Technology Coimbatore and MES College Marampally decided to sign two MoUs one with NGITBI and other with ECE department.

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DEPARTMENT OF ELECTRONICS
ORGANIZING
JAVOO.....
- Coimbatore

LAB - VISIT
@
NEHRU Institute of Engineering
and Technology

06-07-2022
Coimbatore

1. Texas Instruments Laboratory
2. LIC & Communication System Laboratory
3. Microprocessor and Microcontroller Laboratory
4. NEWGENIEDC Innovation Laboratory
5. NGI NEW GEN IEDC
6. NGI TBI



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841105, India
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Long 76.926544°
06/07/22 11:36 AM

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ES COLLEGE MARAMPALLY
to MG University | NAAC Re-accredited with A++

DEPARTMENT OF ELECTRONICS
ORGANIZING

COIMBATORE

LAB - VISIT

@
NEHRU Institute of Engineering
and Technology

📅 06-07-2022
📍 Coimbatore

1. Texas Ins
2. LIC & Com System L
3. Micropro Microcon
4. NEWGEN Laborato
5. NGI NEW
6. NGI TBI

Q4.8 ORIENTATION ON BUILDING STRONG STARTUP ECO SYSTEM IN KERALA

An orientation session on Building a strong startup Ecosystem in Kerala was organized for students and faculty on 13/07/22. These session was handled by Mr.Jones Joseph Director & COO of Talrop , one of the emerging startup enablers in Kerala. He talked about startups, its status in Kerala, need for startups e.t.c. The session was jointly organized by IIC and IEDC of MES College Marampally. The session was for final year UG students and teachers. 150 students and 10 faculties attended the event.



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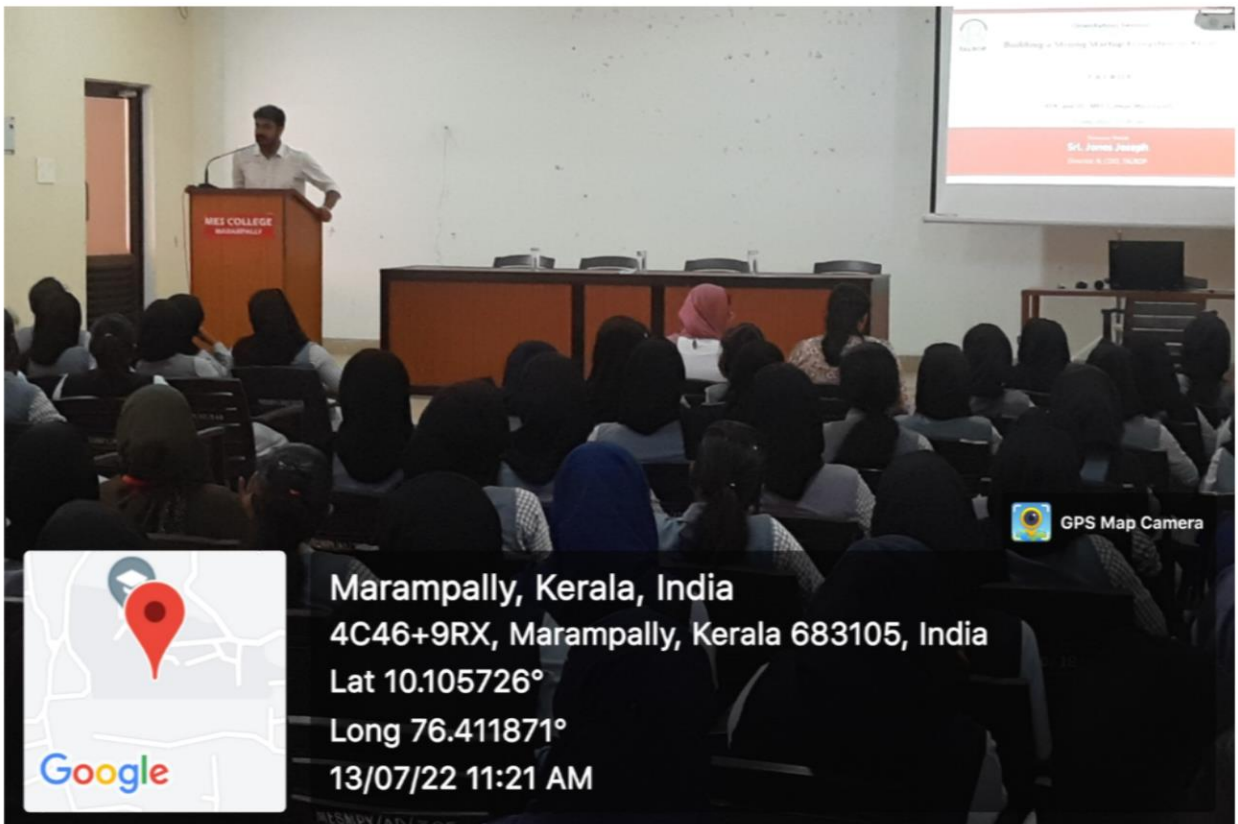
Orientation Session
on
**BUILDING A STRONG STARTUP ECOSYSTEM
IN KERALA**

Resource person
Jones Joseph
Director & COO, TALROP

11:00 am, 13 July 2022 South Block Seminar Hall

Hosted by

- **Institution's Innovation Council (IIC)**
- **Innovation & Entrepreneurship Development Centre (IEDC)**



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Q4.9 OPPORTUNITIES FOR STUDENTS & FACULTIES – EARLY STAGE ENTREPRENEURS

The Institution's Innovation Council of MES College Marampally organized an online awareness session on 'Incubation Opportunities for Students and Faculties as early stage Entrepreneurs' on 20/07/22 at 10:30 am. Dr.Latika Dhuria, Incubation Manager of AIC Bansthali Vidyapith, Rajasthan was the resource person.Dr.Sam Kollanore U, President IIC MESM said the inaugural note. In the one hour session Dr.Lathika explained about incubation, its functions,and various schemes and grants by different Government bodies as well as by other ecosystem partners. After her presentation the session was open for clarifying doubts. Students and faculties cleared their doubts with Dr.Lathika. Ms.Geethu Merin Antony, Convener IIC MESM proposed the vote of thanks. The platform used for the webinar was Googlemeet.The session was screened for the students at Room No 820. 42 students and 12 faculty members from MES College Marampally and 9 external participants attended the session.



The poster features the logos of MES College Marampally, the Institution's Innovation Council, and a green leaf icon. The text is centered and includes the college name, affiliation, and the session title. A circular portrait of Dr. Latika Dhuria is placed in the center. Below the portrait, her name and title are listed. At the bottom, the date and time are provided, along with a registration button and the names of the convener and president.

MES COLLEGE MARAMPALLY
Affiliated to Mahatma Gandhi University | NAAC Reaccredited with A+ (3.38)

Institution's Innovation Council
AWARENESS SESSION ON
**INCUBATION OPPORTUNITIES FOR STUDENTS & FACULTIES
AS EARLY STAGE ENTREPRENEURS**

Dr. Latika Dhuria
Incubation Manager
AIC Banasthali
Vidyapith,
Rajasthan

Google Meet 20 JULY 2022
10:30 am

REGISTRATION

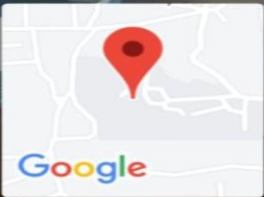
GEETHU MERIN ANTONY
CONVENER, IIC MESM

Dr. SAM KOLLANORE U
PRESIDENT, IIC MESM

Dr. AJIMS P MOHAMMED
PRINCIPAL



Marampally, Kerala, India
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Lat 10.105673°
Long 76.412859°
20/07/22 10:42 AM



Marampally, Kerala, India
4C47+F33, MES Rd, Marampally, Kerala 683105, India
Lat 10.105639°
Long 76.412996°
20/07/22 10:40 AM

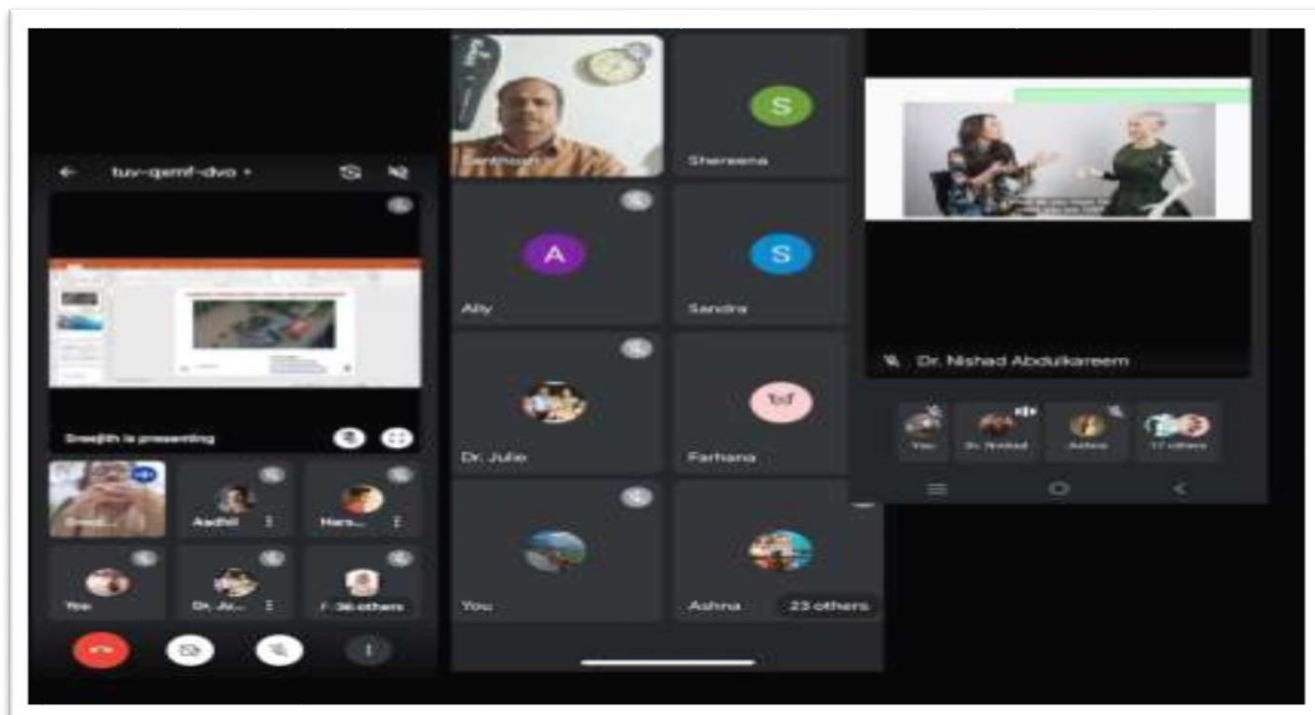
Q4.10 AWARENESS PROGRAMME ON IPR

The IPR Cell of MES College Marampally in association with Intellectual Property Office, Kolkata organized an online awareness session on IPR. The program was under the National Intellectual Property Awareness Mission (NIPAM) launched by GOI as part of 75th Independence Day celebrations. 500 students and 75 faculty joined the session.



Q4.11 RESEARCH DEVELOPMENT IN SCIENCE AND TECHNOLOGY AFTER THE INDEPENDENCE OF INDIA

The APJ Abdul Kalam Chair for Research Innovation and Technology, Intellectual Property Rights Cell and IIC jointly organised a three day online lecture series on the topic “**RESEARCH DEVELOPMENT IN SCIENCE AND TECHNOLOGY AFTER THE INDEPENDENCE OF INDIA**”. The lectures were conducted through google platform at 7 pm on 10th, 11th and 18th August 2022. Dr. Shereena V. B., APJ RIT Chair coordinator welcomed the programme. Santhosh Thannikat, District Sustainability mentor, Mahatma Gandhi National Council of Rural Education, Ministry of Education, Govt. of India was the speaker of first day. He gave an idea about various job opportunities of different courses. The speaker of the second day was Dr. A. Sreekanth, Principal Scientist, Department of Forest Ecology. His topic was climate change crisis - human and environment. Dr. Nishad, HSST Computer Science, Department of Higher Secondary Education, Govt. of Kerala, the speaker of the third day explained the topic cognitive science. The online lecture series help the students in a fruitful manner on the topic development of research in science and technology.





MES COLLEGE MARAMPALLY
AFFILIATED TO MAHATMA GANDHI UNIVERSITY
NAAC REACCREDITED WITH A+(3.38)



**APJ Abdul Kalam Chair For Research Innovation
and Technology
&
Intellectual Property Rights Cell**
Jointly Organise

Online Lecture Series in



**RESEARCH DEVELOPMENT IN SCIENCE AND
TECHNOLOGY AFTER THE INDEPENDENCE OF INDIA
ON
10,11,12 AUGUST 2022**



Santhosh Thannikat

District Sustainability Mentor
Mahatma Gandhi National Council of
Rural Education, Ministry of
Education, Gov of india



Dr K A Sreejith

Principal Scientist
Department of Forest Ecology



Dr Nishad A

HSST Computer Science
Department of Higher Secondary Education
Govt of Kerala

 Google Meet

7 PM

Q4.12 ENTREPRENEURSHIP AND INNOVATIONS: STRATEGIC CALIBRATION

A Seminar on “Entrepreneurship and innovation: Strategic Calibration” was jointly organized by the Department of Biosciences, Institution Innovation Council (IIC), and Innovation and Entrepreneurship Development Cell (IEDC), MES College, Marampally, on 11 th August, 2022 at 2 pm . Invited speaker for the seminar was Dr. JIKKU JOSE, Founder and CEO of SCIRE Science Group.

The webinar was started by invoking the presence of almighty. The prayer song was sung by S3.BSc.Microbiology students. Dr. Umesh B.T, Head of the Department of Biosciences, gave the welcome address. The Presidential address was given by Dr. Ajims.P. Muhammed, Principal of MES College Maramapally and Dr. Sam.B. Kollanur, Convenor of IIC, MES College Marampally gave the felicitation, which was followed by Ms.Sandra Chandran of MSc Biochemistry by giving an introduction about the resource person of the event Dr. Jikku Jose, and welcomed her for the technical session.

Dr. Jikku Jose gave an informative presentation on entrepreneurship and the steps ahead on becoming a successful entrepreneur. She explained a role of a Life Science entrepreneur in Society and introduced her own startup industry natural products like, sanitizer, face creams, etc. The talk was highly inspired by students ,they gave good feedback on the same.

Totally 76 members were participated in the program. After the presentation an interaction session was conducted. Students as well as teachers asked questions to the speaker and cleared the doubts. Later, Ms.Sujina of MSc Biotechnology expressed her gratitude towards the Resource Person, Management . College, IIC, IEDC and all coordinators for their constant support and encouragement to attend such enriching sessions. She further thanked the speaker as well as participants for joining the seminar making it a success. The program was concluded at 3.45pm.

INSTITUTION'S
INNOVATION COUNCIL
**MES COLLEGE
MARAMPALLY**

in association with
Department of
Biosciences
INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CELL

11 AUG 22
@ 2 PM



Topic:
**Entrepreneurship
and innovations:
Strategic calibration**

Dr Jikku Jose
Founder and CEO
Scire Science Group

Resource Person



Coordinators: **Dr. Nisha P. & Mrs. Anu Ruby Benny**
H.O.D: **Dr. Umesh B.T.** Principal: **Dr. Ajims P. Mohammed**
President, IIC (MES): **Dr. Sam Kollannore U.**
Coordinator, IEDC (MES): **Dr. Sopna V. Muhammed**



Q4.11 SCIENCE & TECHNOLOGY POST INDEPENDENCE

As a part of celebrations associated with the 75 th year of Independence, titled ‘Azadi Ka Amrit Mahotsav’, Institution’s innovation Council in association with the Department of Physics conducted an Oral Presentation Contest on 11 th August 2022. Theme of the contest was “Science and Technology: Post Independence”. The program was coordinated by Dr. Benjamin Hudson Baby and Mr. Thomas George P. Dr. Sam Kullannore U, Faculty of Department of Electronics along with Dr. Benjamin Hudson Baby were the juries of the event.

The program began at 10:30 am with the welcome address by Ms. Hiba Beenamol Nissar, PG Student. All participants presented their slides with utmost elegance. The presentations were evaluated along with a Q&A session. Ms. Rahna Sarin K., 2 nd MSc Physics secured the First Prize and Mr. Muradh N. H., 2 nd MSc Physics secured the Second Prize. The program concluded with the announcement of the winners along with a valuable address by Dr. Sam Kullannore U regarding the theme of the event. Dr. Benjamin Hudson Baby conveyed gratitude towards all the participants and attendees.

MES COLLEGE MARAMPALLY
Department of Physics

Oral Presentation on
**SCIENCE & TECHNOLOGY:
POST INDEPENDENCE**


75
आज़ादी का
अमृत महोत्सव

11th August 2022
10:30 am

Venue: UG Physics Lab

- Presentation Time : 9+1 minute
- Slides : Max. 10

Click or Scan



Coordinators:
Dr. Benjamin Hudson Baby
Mr. Thomas George P

Principal
Dr. Ajims P Mohammed

HOD
Ms. Gincy K. Varghese

Q4.14 WORKSHOP ON MACHINE LEARNING AND ITS APPLICATION USING PYTHON

The department organized three days' workshop on "Machine learning and Its Application using Python" from 25-27 August 2022. It's a very relevant topic nowadays. We got one of the best resource persons for handling this workshop. The Resource Person was Dr. Sabu M K, Professor, Department of Computer Applications, CUSAT. It was a three days workshop.

Day 1: 25-08-2022

The Inauguration of the workshop was held on 25-08-2022 at 9.45 am at BCA Computer lab. Dr. Leena C Sekhar, Head, Department of Computer Applications, welcomed the gathering. Dr. Ajims P Mohammed, Principal of our College, delivered the presidential address and inaugurated the workshop by showering all the best wishes for the workshop. Dr. Sabu M K, resource person of the workshop detailed the theme of the workshop. Dr. Jasmine P M, Vice Principal and IQAC Coordinator of the College felicitated the function. Dr. Jaseena K U, Coordinator of the workshop, proposed the vote of thanks. The inaugural ceremony concluded at 10.15 am.

The resource person started the technical session started at 10.15 am.

The topics covered during the day1 are

- Introduction to Machine Learning and Its Applications
- Various ML algorithms
- Linear Regression and Logistic Regression

The forenoon session concluded at 12.45 pm.

The afternoon session started at 1.30 pm. In the afternoon, hands-on training was given to the participants on Linear regression and Logistic Regression using the Jupyter notebook. Day 1 activities ended at 4.15 pm.

Day 2: 26-08-2022

The second day started at 9.30 am.

The topics covered during day2 are:

- Decision trees
- Random Forest
- Support Vector machines

The forenoon session concluded at 12.45 pm.

The afternoon session started at 1.45 pm. In the afternoon, hands-on training was given to the participants on Decision tree implementation, Random Forest, and Support Vector Machine Implementation on various datasets using the Jupyter notebook. Day 2 activities ended at 4.15 pm.

Day 3: 27-08-2022

The third day started at 9.30 am.

The topics covered during day3 are:

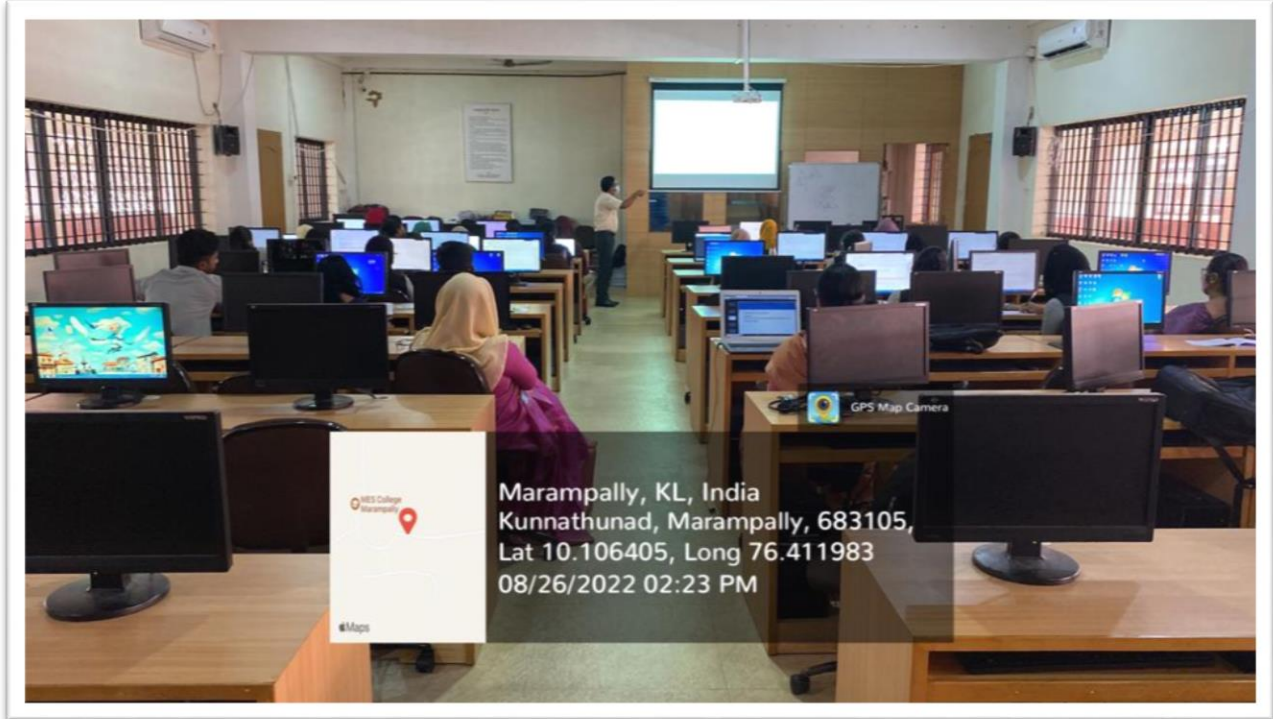
- Artificial Neural Networks
- Deep Neural Networks
- Convolutional Neural Networks

The forenoon session concluded at 12.45 pm.

The afternoon session started at 1.45 pm. In the afternoon, hands-on training was given to the participants on Artificial Neural networks, Deep Neural Networks, and Convolutional Neural Networks Implementation on various datasets using the Jupyter notebook. The hands-on session ended at 3.30 pm.

The valedictory session started at 3.30 pm. Dr. Leena C Sekhar, Head, Department of Computer Applications, welcomed the participants. Participants from various colleges presented their feedback and experiences with the workshop. Dr. Sabu M K, the resource person of the workshop, distributed certificates to the participants. Dr. Jaseena K U, Coordinator of the workshop, proposed the vote of thanks. The closing ceremony concluded at 4.15 pm.

The success of any program is its participants. Thirty-five participants participated in the three days workshop. It was an exciting and informative workshop for all the participants.



WORKSHOP ON MACHINE LEARNING & ITS APPLICATION USING PYTHON

[TEACHING MODE :
OFFLINE]




**Organized by
Department of
Computer Applications**

MES COLLEGE MARAMPALLY

MARAMPALLY P.O, ALUVA, KERALA,
PIN : 683105
AFFILIATED TO MG UNIVERSITY,
KOTTAYAM
NAAC RE - ACCREDITED WITH A+ [3.38]

Resource Person

Dr. M K Sabu

Professor
Department of Computer Application
Cochin University of
Science & Technology



Target audience :
Academicians, Graduate
Students, Research Scholars,
Professionals working in
related areas.

Workshop Objective :
To familiarise the basics &
advanced areas of Machine
Learning & Programming
with Python

Contact us
Email : jaseena@mesmarampally.org
Mob: 9847080148

Dr. Ajims P Mohammed
Principal, MES College Marampally

Dr. Leena C Sekhar
Head, Department of Computer
Applications

Coordinator :
Dr. Jaseena K U

Date : 25, 26, 27 August 2022

Time Schedule
FN - 9:30 - 12:30
AN - 1:30 - 3:30

Registration Fee
Faculties & Academicians : Rs. 1000
Research Scholars : Rs. 750
Students : Rs. 500

Scan to pay



Registration Link
<https://forms.gle/sgm2T4z4avcoeftJ7>

*Enter 'MLAP' code in the remarks while
making payment so
that it is easy for us to track.*

Q4.15 SESSION ON “HOW TO PLAN FOR START-UP AND LEGAL & ETHICAL STEPS”

The Institution’S Innovation Council of MES College Marampally conducted a session on “ How to Plan for Startups and Legal and Ethical Steps” for students on 30/08/22. Adv.Mohanraj T P, (Advocate High Court of Kerala and Guest Lecturer MES College Marampally) was the resource person. Ms.Geethu Merin Antony, Convener IIC , introduced the resource person. In the one hour session Adv. Mohanraj explained about startups, registration process and funding schemes. The session was conducted at Room no 804. Twenty two students attended the session.



MES COLLEGE MARAMPALLY

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INSTITUTION'S INNOVATION COUNCIL

SESSION ON

HOW TO PLAN FOR START-UP AND LEGAL & ETHICAL STEPS

Resource person



ADV . MOHANRAJ T P

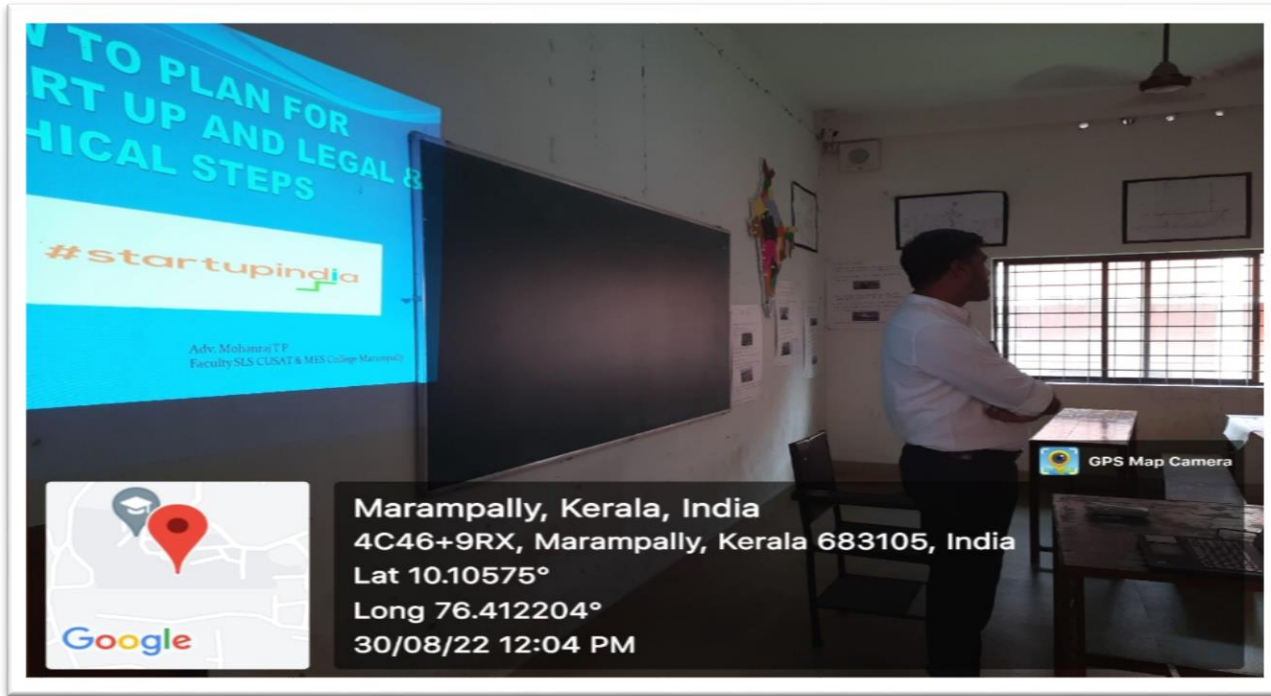
ADVOCATE, HIGH COURT OF KERALA,
GUEST LECTURER - SLS CUSAT &
MES COLLEGE MARAMPALLY

**TUESDAY
30/08/2022
11:45 AM**

GEETHU MERIN ANTONY
CONVENER, IIC MESM

Dr. SAM KOLLANORE U
PRESIDENT, IIC MESM

Dr. AJIMS P MOHAMMED
PRINCIPAL



Q4.16 TALK ON INTELLECTUAL PROPERTY RIGHTS

The Department of Fashion Design and Management in association with Institution's Innovation Council organized a talk on "Intellectual Property Rights on 30/08/22. The resource person for the session was Ms.Febina T A, Innovation Ambassador and Assistant professor, Department of Human Resource and Management, MES College Marampally. The session started at 10:30 am at Room no 906 with a silent prayer. Ms.Geethu Merin Antony introduced the resource person. Ms.Febina talked about the important terminologies – IP and IPR. The legal basis of IPR and then various forms were discussed. The ethos and process vs product, patents, trade secret protection, designs, copyrights etc., and the basis of the expectancy of various IPR. The lecture dealt with the objectives, importance and problems of IPR . Also students get more familiar with types of IPR . IPR include patent, copyright, trademark, geographical indication, trade secret. The session was concluded by the vote of thanks proposed by Ms. Ameena K A. Twenty five students and two faculty from the Department of Fashion Design and Management attended the Session.

MES COLLEGE MARAMPALLY
DEPARTMENT OF VOCATIONAL STUDIES
DEPARTMENT OF FASHION DESIGN & MANAGEMENT

Talk on Intellectual Property Rights

Febina T.A
Innovation Ambassador &
Assistant Professor
Department of Human Resource Management
MES College Marampally

10:30 am
30/08/2022
Room No :906

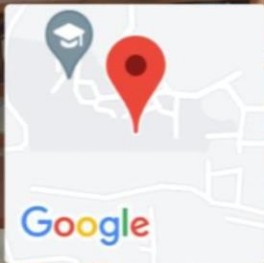
Ms. GEETHU MERIN ANTONY
HOD - FDM

Mr. AJIMSHA MAIDEEN
B.VOC COORDINATOR

Dr. UMESH B T
NODAL OFFICER

Dr. AJIMS P MOHAMMED
PRINCIPAL

MES/IV/VC D2B/FDM D08/20-08-2022



Marampally, Kerala, India
4C47+F33, MES Rd, Marampally, Kerala 683105, India
Lat 10.105714°
Long 76.412658°
30/08/22 10:46 AM



Q4.17 IMPRESARIO- IGNITE THE ENTREPRENEUR IN YOU

Department of Commerce in Association with IEDC, IIC and YIP organised a One Day Workshop IMPRESARIO- IGNITE THE ENTREPRENEUR IN YOU on 30th August 2022. There were Four individual sessions handled by Four Eminent and successful young Entrepreneurs and a combined doubt clearance session at last. The workshop touches all the fields of start ups, legal procedure, fund raising etc.

107 students consisting of IEDC, IIC and YIP members and other interested students of Second year and Third year from B Com Computer Application, B Com Finance and Taxation B Sc Physics, B Voc SDSA, Logistics B A Arabic , M Com & BBA were attended the webinar.

Dr. Sopna V Muhammed, IEDC co ordinator welcomed the gatherings. The programme were inaugurated by Ms. Fazeela Pradeep, MD Transline Maritime Pvt. Ltd. Our Principal Dr. Ajims P Muhammed presided over the meeting . Dr. Rafeekamol, HOD Dept of Commerce gave a facilitative talk and Mr. M S Muhammed , student coordinator gave vote of thanks.

The first session of the workshop –OUT GROW YOUR ZONE-led by Ms. Fazeela Pradeep, psychologist and MD Transline Maritime Pvt. Ltd. It was a very informative, valuable and interesting session The second session led by Mr. Arjun Prakash, Special award winner of Consumer Protection Forum, Kerala and Founder, motivator & MD, Royal planet contractors and infrastructures PVT. Ltd. The topic of discussion is BUSINESS ATTITUDE. His session was very informative, interesting and motivate all the students for a start up and idea generation.

The third session was handled by Mr. Muhammed Bassim, founder and MD, Citrus Pms Pvt. Ltd., our Alumni 2015-18 batch. He handled the topic- START UP-BUILD-SURVIVE AND THRIVE. Etc. He describe all the hurdles he face to start a business from finding a name, product, appointing staff, meeting customers, sales, sales promotional activities, partnership. He describe all the things in an interesting manner and the students liked his session very much.

The fourth session-TRASH TO TREASURE led by Mr. Thajudheen Aboobacker, founder and CEO Urban Trash Pvt Ltd. The session was very informative and the students got the idea for generating a start up and how a problem can convert into a start up and so on The last session was question answer session. The students asked many questions about starting a new venture, fund raising, problems of employees and so on. The young entrepreneurs gave the answers to all

questions raised by the students. They also offer to give an opportunity for visiting their firms, doing internships etc.

INAGURATION OF IEDC-ACTIVITIES 2022-23



Ms. Fazeela Pradeep
Managing Director
Transline Maritime Services Pvt Ltd





30 August, 2022

9.30 AM
Conference Hall

Organizing Committee

- Dr. Sopna V Muhammed (IEDC Coordinator)
- Mr. Sam Kollannore U (IIC Coordinator)
- Dr. Rafeeka Mol C A (YIP Coordinator)
- Dr. Ajims P Mohammed (Principal)

IMPRESARIO

IGNITE THE ENTREPRENEUR
IN YOU

Meet The Entrepreneurs



MES COLLEGE MARAMPALLY
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Marampally, Kerala, India
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Long 76.41148°
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Q4.18 SESSION ON “INNOVATION”

A motivational session on the topic “Innovation” by Anjaly PS, InnovationAmbassador, Assistant Professor , Department of Physics, MES College Marampally was organised by Institution’s Innovation Council in offline mode on 30th August 2022. Thesession started at 10:30 a.m and ends at 11:15 a.m. Around 20 students and 3 faculties participated in the program. Ms. Anjaly P.S explained about innovation and how to become an entrepreneur. She also shared the different programs that could be organised by institutes and other policies of IICcell were discussed.



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

MES COLLEGE MARAMPALLY

DEPARTMENT OF PHYSICS

Session on
INNOVATION



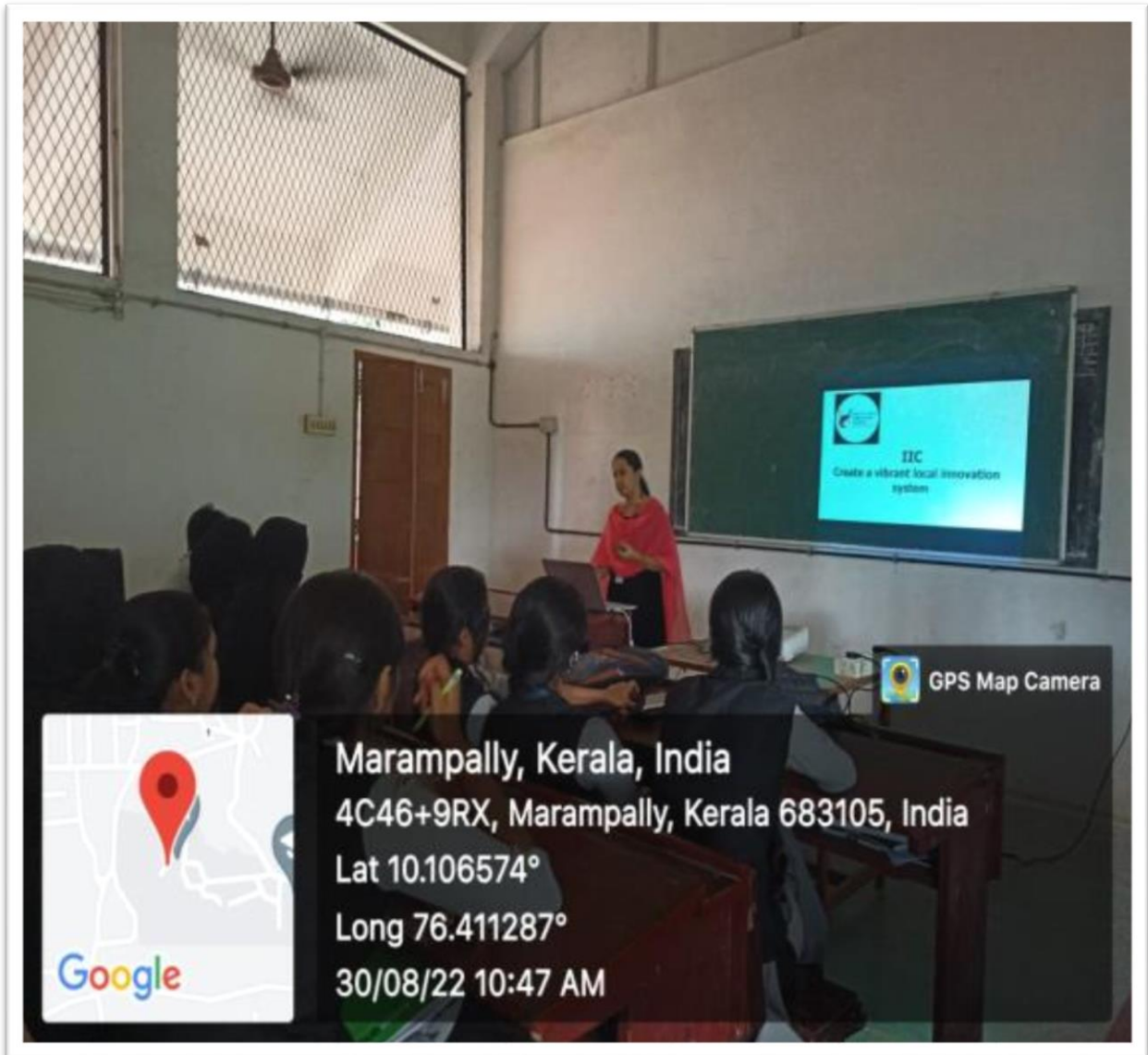
ANJALY PS

Innovation Ambassador &
Assistant Professor
Department of Physics
MES College Marampally

AUGUST 30 TUESDAY
10:30 AM
Room No: 214

Mrs. GINCY K VARGHESE
HOD



Dr. AJIMS P MOHAMMED
PRINCIPAL



Q4.19 WORKSHOP ON PROTOTYPE/PROCESS DESIGN AND DEVELOPMENT - PROTOTYPING

The Institution's Innovation Council of MES College Marampally conducted a webinar on Prototype/Process Design Development on 30/08/22 at 07:00 pm . Mr.Vishal Nair, Co - Founder and Director, Lightnsalt Pvt Ltd. was the resource person. Mr. M.S Mohammed S5 B.Voc Industrial Instrumentation and Automation student welcomed the attendees. Ms.Geethu Merin

Antony, Convener IIC , introduced the resource person. In the one hour session Mr.Vishal detailed about prototype and design development. He explained it using different case studies. The session was conducted through Googlemeet. Fifteen students and seven faculty attended the session.



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

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INSTITUTION'S INNOVATION COUNCIL

ONLINE SESSION ON

PROTOTYPE / PROCESS DESIGN DEVELOPMENT



WITH

VISHAL NAIR

CO-FOUNDER AND DIRECTOR,
LIGHTNSALT PVT. LTD
PALAKKAD, KERALA

30 | **07**
AUG | PM

REGISTER NOW!




GEETHU MERIN ANTONY CONVENOR, IIC MESM	Dr. SAM KOLLANORE U PRESIDENT, IIC MESM	Dr. AJIMS P MOHAMMED PRINCIPAL
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Vishal Nair is presenting


CASE STUDY

Ms. Jane Chen


Tent




Hot Water Incubator



Maternity Vest



Sleeping Bag



19:23 | ybe-etct-xya

Participants: You, Geethu Merin Antony, RAMZANA TN, Jyothi Lakshmi S, M S Mohammed, 12 others

Vishal Nair is presenting




- 1 Empathize
- 2 Effective Resource Management
- 3 Technology Intervention
- 4 Mobilize
- 5 Evolve

PRODUCT INNOVATION

PROCESS INNOVATION

BUSINESS MODEL INNOVATION

19:50 | ybe-etct-xya

Participants: You, Leena C Sekhar, Aksha Joshy, Dr. Raghika P M, Harshath Sam, Vishal Nair, 16 others

MIC DRIVEN ACTIVITIES

Team IIC-MESM actively participated in all the MIC driven activities prescribed by MIC for IIC 4.0.

1	E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 1 (11th Jan 2022)
2	E- Symposium on Building Innovation Ecosystem in Educational Institutions- Day 2 (12th Jan 2022)
3	Orientation Session on IIC4.0 & Features
4	Creation of e-Repository of e- Learning Sessions on I&E at IIC Institute
5	Refer Institutions & Earn Reward Points
6	Out of the box thinking for problem solving
7	Building Institute Level YUKTI - National Innovation Repository
8	Participation of IIC Institutions in IIC Regional Meets
9	IIC Annual Report 2021-22