



CREATING TECHNOLOGY
LEADERS OF TOMORROW
ESTD 2002

Jyothi
Engineering College

A CENTRE OF EXCELLENCE RUN BY THE ARCHDIOCESE OF TRICHUR

NBA & NAAC Accredited || Approved by AICTE || Affiliated to KTU
JYOTHI HILLS, P. O. VETTIKATTIRI, CHERUTHURUTHY, THRISSUR - 679531



ANNUAL REPORT 2020-2021



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE

Vision of the Institute

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

Mission of the Institute

To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities.

To equip the students with appropriate skills for a meaningful career in the global scenario.

To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.

To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

Objectives of the IEDC

To inculcate entrepreneurial orientation among students through formal and non-formal programmes.

To enhance interpersonal and leadership skills by organising workshops, invited lectures, project exhibitions etc.

To create, inspire and empower a young generation of self-reliant individuals.

To take them a step ahead for the development of the nation by developing an entrepreneurial and innovative mindset

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IEDC Executive Committee 2020-2021

IEDC Faculty Chairman	: Mr. Anil Antony (Nodal Officer, AP-CSE)
IEDC Faculty Convener	: Mr. Nice Menachery (AP,ME)
Faculty Members	: Mr. Bineesh M. (AP, CSE)
	: Mr. Jinesh K.J. (AP, MR)
	: Ms. Dipin Krishnan (AP, ECE)
	: Ms. Anju M.J.(AP, CE)
	: Ms. Akhil Balakrishnan(AP, EEE)

IEDC Student Coordinators

Sl.No	Name	Dept	Sem	Post
1	Riju T R	MR	S7	CEOI
2	Arjun K M	ME	S7	COO
3	Sangeetha P	CSE	S7	CMO
4	Ajith C(M.Tech)	ME	S2	CTO
5	Anjali Anne Prathap	CSE	S7	CSO
6	John Paul	ECE	S7	CFO
7	Kunnath Rahul	EEE	S7	CCO
8	Ajmal Basheer	CSE	S5	ACEO1
9	Ajin KJ	MR	S3	ACEO2
10	Rahul M	CE	S5	ACOO1
11	Fawas Firoz	EEE	S3	ACOO2
12	Jothis R Daas	MR	S5	ACMO1
13	Tez Treesa Jose	CE	S3	ACMO2
14	Akshay P	EEE	S5	ACTO1
15	Amal Shibu	CSE	S3	ACTO2
16	Kiran Shelly	ME	S5	ACSO1
17	Sanuraj K R	ECE	S3	ACSO2
18	Rameez N.A	ECE	S5	ACFO1
19	Ashish Daniel	ME	S3	ACFO2
20	Kevin Varhese	CSE	S5	ACCO1
21	Mohammed Ameer	MR	S3	ACCO2

SkillUPxJEC

Venue : Online (Google Meet)

Date: 01.06.2020 – 01.07.2020



SkillUPxJEC is bootcamp initiated by IEDC of Jyothi engineering college. It was mainly intended to develop new skills and reduce the stresses of students in the covid-19 hard times.

This was mainly conducted for mainly develop technical skill with freelancing opportunities for students. There were two skills included in the bootcamp.

1. Machine Learning using TensorFlow
2. Front End Development

Around 100 students registered for the program and 10 students actively completed and certified from us.

Webinar on “Full Stack Developer”

Venue : Google Meet

Date:27.05.2020

Jyothi Engineering College
Approved by AICTE & affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF THIRUVARUR
ISO 9001:2015 CERTIFIED
MBA (Accredited & Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Biomedical & Electronics Engineering and Mechanical Engineering valid for the academic year 2014-2022. MBA (Accredited & Tech Programmes in Civil Engineering valid for the academic year 2014-2022)

WEBINAR ON
Full stack web developer

 **Meera Mathew**
Knowledge Officer
ICT Academy, Kerala

27, MAY 2020 **11AM - 12PM**

Note: SkillUPxJEC registered students are not needed to register again. They are already a part of this webinar and links will be shared directly

SkillUPxJEC
Register at
bit.ly/webiedc

Anil Antony
(Nodal Officer, IEDC)
+91 97462 22670

Riju T R
(CTO, IEDC)
+91 8078042985

Conducted a Webinar as a part of SkillUPxJEC in association with ICT academy kerala. Session delivered by Ms. Meera Mathew, Knowledge officer, ICT academy. This programme mainly covered opportunities, freelancing, etc about full stack developer.

Webinar on “Machine Learning”

Venue : Google Meet

Date: 29.05.2020

Jyothi Engineering College

NAAC Accredited College with ABB Accredited Programmes

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

ACCENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS VETTERATIPADY, CHENGALJUR, TRICHUR, PIN-676531 PH: +91 4884 250000, 374423 FAX: 04884 274477

MBA (International & Non) Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. MBA (International & Non) Programme in Civil Engineering valid for the academic years 2017-2022.

WEBINAR ON Machine Learning

Gauri Balachandran
Knowledge officer in Data Science and
Analytics. ICT Academy of Kerala

29, MAY
2020

11AM - 12PM

SkillUPxJEC

Register at

bit.ly/webiedc

Anil Antony
(Nodal Officer, IEDC)
+91 97462 22670

Riju T R
(CTO, IEDC)
+91 8078042985

Conducted a Webinar as a part of SkillUPxJEC in association with ICT academy kerala. Session delivered by **Ms. Gauri Balachandran**, *Knowledge officer, ICT academy*. This program mainly covered basics of machine learning.

Webinar on “Future of Machine Learning”

Venue : Google Meet

Date : 01.06.2020

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CREATING TECHNOLOGY LEADERS OF TOMORROW
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KERALA STARTUP MISSION®

SkillUPxJEC

Webinar on Future of Machine Learning

 **Nikita Gandhi**
Community Manager
Google India.

 01-06-2020

bit.ly/webiedc

 2:00PM - 3:00PM

 **SkillUPxJEC**

Anil Antony (Nodal Officer, IEDC): 9746222670
Riju T R (CTO, IEDC): 8078042985

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Ms. Nikita Gandhi**, *Community Manager, Google India*. This program mainly covered future career aspects.

Webinar on “Building A Career In Full Stack Development”

Venue: Google Meet

Date: 13.06.2020



The poster is for a webinar titled "Building a Career in Full Stack Web Development". It features a dark background with a stylized illustration of a person sitting at a desk with a computer, surrounded by floating code snippets like "CSS", "HTML", "C++", and "4/7". In the top right corner, there are logos for "Kerala Startup Mission", "Jyothi Engineering College", and "Jyothi Engineering College". The main title is in large white text. Below it, there is a portrait of Mr. Sanjo Simon, Managing Director of Triaxia Infotech Pvt Ltd. The date and time of the webinar are listed as "13/06/2020 11AM - 12PM". The registration link is "bit.ly/webiedc". At the bottom, the contact information for Anil Antony (Nodal Officer, IEDC) and Riju T R (CTO, IEDC) is provided.

Building a Career in Full Stack Web Development

Mr. Sanjo Simon
Managing Director,
Triaxia Infotech Pvt Ltd

13/06/2020 11AM - 12PM

Register at
bit.ly/webiedc

Anil Antony (Nodal Officer, IEDC) 9746222670
Riju T R (CTO, IEDC) 8078042985

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Sanjo Simon**, *Managing Director, Triaxia Infotech Pvt Ltd*. He is an alumni of JEC. Discussed a lot about full stack developer and his startup. The session focused on how to build our own company from what we have studied through graduation.

Webinar on “Transition To Data Science”

Venue: Google Meet

Date: 21.06.2020

Transition to Data Science

Mr. Aatmaj Janardanan
Data Scientist, Unisys Corp.

21.06.2020
3PM - 4PM

Register at
bit.ly/webiedc

Meet

Contact Us

Anil Antony (Nodal Officer, IEDC)
+919746222670

Riju T R (CTO, IEDC)
+918078042985

SkillUPxJEC

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Aatmaj Janardanan**, *Data Scientist, Unisys Corp.* He is an alumni of JEC. Discussed about future Data Science and Data Scientist.

Webinar on “How Internet Works, In The Perspective Of DevOps’ Engineers”

Venue: Google Meet

Date: 27.06.2020

The poster is for a webinar titled "How Internet Works? In the perspective of DevOps' Engineers". It features a circular portrait of Mr. Ashith Wilson, a Site Reliability Engineer at Qubole. The event is scheduled for 27 JUN at 3 PM. Registration is available at bit.ly/webiedc. The poster includes logos for Jyothi Engineering College, Kerala Startup Mission, and SkillUPxJEC. Contact information for IEDC is provided at the bottom right.

Jyothi Engineering College
CREATING TECHNOLOGY LEADERS OF TOMORROW
ESTD 2002

KERALA STARTUP MISSION®

SkillUPxJEC

How Internet Works ?

In the perspective of DevOps' Engineers

Mr. Ashith Wilson
Site Reliability Engineer
Qubole

27
JUN

Register at
bit.ly/webiedc

3
PM

CONTACT US (IEDC)
ANIL ANTONY(NO) 9746222670
RIJUT R(CTO) 8078042985

SkillUPxJEC

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Ashith Wilson**, Site Reliability Engineer, Qubole. He is an alumni of JEC. Discussed about DevOps concepts, servers, etc.

Webinar on “Life Of A Back-End Developer”

Venue : Google Meet

Date : 04.07.2020

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ESTD 2002

KERALA STARTUP MISSION®

SKILLUPxJEC

LIFE OF A BACK-END DEVELOPER

Mr. Delin Davis,
*Software Developer,
Amazon Alexa, Seattle USA*

4 JUL

Register
bit.ly/webiedc

10:30 AM I.S.T

Contact Us
Anil Antony (NO) 9746222670
Riju T R (CTO) 8078042985

SkillUPxJEC

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by **Mr. Delin Davis**, *Software Developer, Amazon Alexa, Seattle USA*. He is an alumni of JEC. Discussed about daily life of an back-end developer

Webinar on “UX: Interaction With The Internet”

Venue : Google Meet

Date: 19.07.2020


Jyothi Engineering College
CREATING TECHNOLOGY LEADERS OF TOMORROW
ESTD 2008

KERALA STARTUP MISSION®

SkillUPxJEC

Innovation & Entrepreneurship Development Cell (IEDC)
Presents

UX : Interaction with the internet


 **Mr. Dinup Vishal**
Senior UI / UX Developer
Tata Consultancy Services (TCS)

19
JUL

Register at
bit.ly/webiedc

3
PM

Any Queries
Anil Antony (Nodal Officer) 9746222670
Riju T R (CTO) 8078042985

 **SkillUPxJEC**

Conducted a Webinar as a part of SkillUPxJEC. Session delivered by Mr. Dinup Vishal, *Senior UI/UX Developer, Tata Consultancy Services, United Kingdom*. He is an alumni of JEC. Discussed about modern user experience and design tools.

Webinar on “Role Of KSUM In Creating A Start-up Ecosystem”

Venue: Google Meet

Date: 30.07.2020

The poster is for a webinar titled "Role of KSUM in creating 'Startup Ecosystem'". It features a circular portrait of Mr. Vishal B Kadam, a man with a beard wearing a blue and yellow checkered shirt. The text on the poster includes the title, the speaker's name and title, the date and time (30 JUL 11 AM), a registration link (bit.ly/webiedc), and logos for Jyothi Engineering College, Kerala Startup Mission, and IEDC-JECC. It also lists contact information for Anil Antony and Riju T R.

Jyothi Engineering College
CREATING TECHNOLOGY LEADERS OF TOMORROW ESTD 2002

KERALA STARTUP MISSION

Role of KSUM in creating "Startup Ecosystem"

Mr. Vishal B Kadam
*Technical Officer , Incubation- Early Stage Startups
Kerala Startup Mission*

30 JUL 11 AM

Register at
bit.ly/webiedc

IEDC-JECC

*** E-Certificates Included**

Anil Antony
Nodal Officer
9746222670

Riju T R
C.T.O
8078042985

Conducted a Webinar as a part of IEDC-JECC. Session delivered by Mr. Vishal B Kadam, *Technical Officer, Incubation-Early stage startups, Kerala Startup Mission*. Discussed about various programs of KSUM and Startup incubation.

Webinar on “A Prelude To Entrepreneurship Competencies”

Venue : Google Meet

Date: 05.08.2020



The poster is for a webinar titled "A prelude to Entrepreneurship: Competencies". It features a circular portrait of Mr. Shibin Mohamed, an Assistant Faculty and Trainer at Entrepreneurship Development Institute of India, Ahmedabad. The event is scheduled for 5 AUG at 11 AM. Registration is available at bit.ly/webiedc. The poster also mentions IEDC-JECC, E-Certificates Included, and contact information for Anil Antony (Nodal Officer, 9746222670) and Riju T R (C.T.O, 8078042985). Logos for Jyothi Engineering College, Kerala Startup Mission, and IEDC-JECC are present.

Jyothi Engineering College
CREATING TECHNOLOGY LEADERS OF TOMORROW
ESTD-2006

KERALA STARTUP MISSION

A prelude to Entrepreneurship: Competencies

Mr. Shibin Mohamed
Assistant Faculty and Trainer at Entrepreneurship Development Institute of India, Ahmedabad

5 AUG

Register at
bit.ly/webiedc

11 AM

IEDC-JECC

*** E-Certificates Included**

Anil Antony
Nodal Officer
9746222670

Riju T R
C.T.O
8078042985

Conducted a Webinar as a part of IEDC-JECC. Session delivered by Mr. Shibin Mohamed, Assistant Faculty and Trainer, *Entrepreneurship Development Institute of India (EDII), Ahmedabad*. Discussed about various competencies faced by an entrepreneur in an Entrepreneurship.

BAND B categorization By Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020

Date: 18th August 2020



Jyothi Engineering College is categorized as 'Band B' institution (rank between 26-50) in category of 'Private or Self Financing College/Institutes' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020.

Workshop on Introduction to Web Development

Platform : Microsoft Teams

Date: 14.11.2020

Jyothi
Engineering College

CREATING TECHNOLOGY
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ESTD 2002

COMPUTER SOCIETY OF INDIA
ESTD 1984

KERALA
STARTUP MISSION®

INSTITUTION'S
INNOVATION
COUNCIL
(University of 1000 Initiatives)

Workshop on
**INTRODUCTION TO
WEB DEVELOPMENT**
Building a portfolio in just 60 minutes

Mr. Ajin K J
Microsoft Student Partner,
Jyothi Engineering College, Thrissur

Register
bit.ly/1mspworkshop

Amal
9539774533

Rahul
8606895976

Bineesh M (AP, CSE)
9946934976

The Innovations and Entrepreneurship Development Cell (IEDC) of Jyothi Engineering College in association with the Computer Society of India Student Chapter Jyothi Engineering College organised a workshop on Introduction to Web Development, Building a portfolio in just 60 minutes. The details of the program are as follows.

Resource Person: Mr. Ajin K J, Microsoft Student Partner, Jyothi Engineering College

The session was inaugurated by Rev. Fr. Roy Joseph Vadakkan, Campus Head, Jyothi Engineering College. Mr. Anil Antony, Nodal Officer – IEDC JECC extended a warm welcome to all. The event was coordinated by Amal Shibu and Kunnath Rahul. Nearly 180 participants from various institutions all over the State attended the workshop. After the query session, Mr. Bineesh M, staff coordinator of CSI delivered Vote of Thanks.

The event concluded at 12.20 PM.

Web scrapping using Python

Platform : Google Meet

Date: 29.11.2020

Jyothi
Engineering College

CREATING TECHNOLOGY LEADERS OF TOMORROW
ESTD. 2002

KERALA
STARTUP MISSION®

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD India)

ICFOSS

Webinar on:
**Web Scrapping Using
Python**

Mr. Anand Murali
Runner up - Reboot Kerala Hackathon

Register at:
bit.ly/iedcweb2

11 AM **29 SUNDAY**

Amal
9496747608

Jothis
7034516551

Anil Antony (AP, CSE)
9746222670

Innovations and Entrepreneurship Development Cell (IEDC) of Jyothi Engineering College, in association with the International Centre for Free and Open Source Software (ICFOSS) Jyothi Engineering College, organized a workshop on Web Scrapping Using Python.

The details of the program are as follows.

Resource Person: Mr. Anand Murali, Runner Up- Reboot Kerala Hackathon 2020

Jyothi Engineering College.

Mr. Jothis R Daas welcomed all the participants. Mr. Anil Antony, Nodal Officer – IEDC JECC welcomed the resource person and introduced him to the participants. The event was coordinated by Mr. Jothis R Daas, S5 MRE, and Mr. Amal Sebastian, S5 CSE. Nearly 60+ participants, from various educational institutes across Kerala, were present throughout the meeting on average. After the Q&A session, Mr. Amal Sebastian delivered the vote of thanks. The workshop concluded at 12.10 pm.

3D Modelling using Autodesk Inventor Webinar

Platform : Google Meet

Date: 14.11.2020

Jyothi Engineering College

SAEINDIA

INSTITUTION'S INNOVATION COUNCIL

KERALA STARTUP MISSION

Workshop on
3D MODELLING USING AUTODESK INVENTOR

Mr. Joshwin Emmanuel Johnson
India Skills Kerala Winner (ME CAD) 2019
Jyothi Engineering College, Cheruthuruthy

Register
bit.ly/iedcweb3

5 DEC 11 AM

Ashish
6235234875

Mohammed Aqeel
8943072678

Nice Menachery (AP, ME)
9895580629

* Please use Google lens to scan QR cde for better results

Innovations and Entrepreneurship Development Cell (IEDC) of Jyothi Engineering College, in association with the Society of Automotive Engineers (SAE) Jyothi Engineering College, organized a workshop on 3D MODELLING USING AUTODESK INVENTOR. The details of the program are as follows:

Resource Person: Mr. Joshwin Emmanuel Johnson, Indian skills kerala winner (ME CAD) 2019, Jyothi Engineering College.

Mr. Ashish daniel welcomed all the participants. Mr. Anil Antony, Nodal Officer – IEDC JECC welcomed the resource person and introduced him to the participants. The event was coordinated by Mr. Ashish daniel, S3 ME, and Mr. Mohammed Aqeel S5 ME. Nearly 90+ participants, from various educational institutes across Kerala, were present throughout the meeting on average. After the Q&A session, Mr. Ashish Daniel delivered the vote of thanks.

The workshop concluded at 12.20 pm.

IEEE IA/IE/PELS All Kerala Project Competition

Platform : Google Meet

Date: 21.03.2020-06.12.2020

The All Kerala Project Competition jointly organized by IEEE IA/IE/PELS Jt. Chapter Kerala Section, IEEE SB Jyothi Engineering College, IAS SBC Jyothi Engineering College & IEDC Jyothi Engineering College in association with Department of Electrical and Electronics Engineering, Jyothi Engineering College was planned to conduct in offline mode on 21/03/2020 at Jyothi Engineering College Campus. Due to the pandemic situation of Covid-19 the competition got postponed and finally conducted on 6th December 2020 through online mode. In the initial round there were 39 teams from All over the state and 16 teams were selected for the final round. It was a tough round to select the winners. The teams presented their projects and explained the working through online mode.

The winners of the competition are

First Prize – Rs. 15000

Team Vanguards from Jyothi Engineering college, for the project Head Controlled Wheelchair With Patient Monitoring System. The team members are Mr. Joseph P. K., Mr. Giyo George K., Edwin Joseph.

Second Prize – Rs. 10000 shared by two teams.

Team Electricalzz from College of Engineering, Perumon, for the project UVOS (Ultraviolet Ozone Sterilizer). The team members are Ms. S. Gayathri, Mr. Harikrishnan V. S., Mr. Anandu Balachandran.

Team EEEians from Amal Jyothi College of Engineering, for the project Organic Dielectric from water Hyacinth. The team members are Mr. Joseph P. Devassia, Mr. Jestin Thomas, Ms. Linta Anna Baby.

Third Prize – Rs. 5000

Team Moksha from Jyothi Engineering College, for the project Gesture Aid Gloves. The team members are Mr. Kapildev M. K., Mr. K. U. Mansoor, Mr. Sahal K. H.

Inspire 20

Platform : Google Meet

Date: 27.01.2021

Jyothi Engineering College
INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE
STARTUP MISSION
INSTITUTION'S INNOVATION COUNCIL

REV. DR. JOSE KANNAMPUZHA
Director of Academics, Jyothi Engineering College

27 WEDNESDAY JANUARY 2021 09:00 AM
bit.ly/iedcjeczonal

IEDC ZONAL MEETUP & IEDC SUMMIT PRECURSOR EVENT
INSPIRE '20

09:00 AM - 09:05 AM
Welcome Address
Mr. Anil Antony
Nodal Officer, IEDC - JECC

09:05 AM - 09:30 AM
Inauguration
Rev. Dr. Jose Kannampuzha
Director of Academics, Jyothi Engineering College

09:30 AM - 09:35 AM
Entrepreneur Talk
Mr. Sanjo Simon
Managing Director, Triaxia PVT. LTD.

09:35 AM - 09:40 AM
Entrepreneur Talk
Mr. Varun Menon
CEO, Sankalp Creative Ventures

09:40 AM - 09:45 AM
Entrepreneur Talk
Mr. Varkey F Thachil
Founder & CEO, ELE Agrotech

09:45 AM - 09:50 AM
Entrepreneur Talk
Mr. Christo Kollanur
Co-Founder & CEO, Estro Tech

09:50 AM - 09:55 AM
Entrepreneur Talk
Mr. Ajmal Basheer
Founder, Jobified

09:55 AM - 10:00 AM
Vote of Thanks
Mr. Riju T.R
CEO, IEDC - JECC

IEDC ZONAL MEETUP & IEDC SUMMIT PRECURSOR EVENT
INSPIRE '20

[/jecc.ac.in](https://www.facebook.com/jecc.ac.in) [/jyothiengineeringcollege](https://www.youtube.com/channel/UCjyothiengineeringcollege) [/jyothiengineeringcollege](https://www.instagram.com/jyothiengineeringcollege) [/company/jyothi-engineering-college](https://www.linkedin.com/company/jyothi-engineering-college)

Innovations and Entrepreneurship Development Cell (IEDC) of Jyothi Engineering College, in association with the Kerala Start-Up Mission (KSUM) and Institution's Innovation Council (IIC), organized the IEDC Zonal Meetup And Precursor Event - Inspire '20 on 27 th Wednesday, January 2021.

The event details are as follows:

The event started around 09:00 AM as preplanned. Mr. Anil Antony, Nodal officer, IEDC-JECC welcomed the speakers and the audience present at the event. It was followed up by Rev. Fr. Dr. Jose Kannampuzha, Director of Academics, Jyothi Engineering College, who inaugurated the event and shared his vision on the need of innovators and entrepreneurs in this hour. Then 5 entrepreneurs (Alumni's and Student innovators) shared their experience as an entrepreneur, the difficulties they faced and their vision and mission that led them to think differently. Ms. Anjali Anne Prathap welcomed and introduced the speakers to the participants. The event was concluded at 10:30 AM by Mr. Riju T R (CEO, IEDC-JECC) and Ms. Anjali Anne Prathap (CSO, IEDC-JECC) thanking the speakers and all the active participants. Around 50 participants were present throughout the event.

Expert Talk on Road Safety

Venue : Insight Hall, JEC

Date: 18.01.2021-17.02.2021



In solidarity with “Road Safety Month” (January 18 to February 17, 2021- an initiative of Govt. Of India), The Institution of Engineers (India), IE(I), Jyothi Engineering College, Thrissur organized an Expert Talk on “Road Safety Awareness” on 10 February 2021. The inaugural ceremony started at 10.00 AM with a prayer, followed by a welcome address by Prof. Ratnan P (Coordinator - Professional Bodies, JECC), who remarked on the role of professional bodies in organizing technical talks and social awareness programs for the holistic development of the engineering community. Rev. Fr. Roy Joseph Vadakkan (Campus Head & Secretary, JECC), conveyed through his presidential address that how human life is precious and how responsible actions from each one of us on the road can make the world better. Rev. Dr. Jose Kannampuzha (Academic Director, JECC) asserted how respecting the rules on Indian roads can mean respecting all Indians. Dr. Sunny Joseph Kalayathankal (Principal, JECC), acknowledged the event with his presence on the occasion. Ms. Carol Varghese (IE (I) - Institute Coordinator, JECC) proposed the vote of thanks to all attendees of the inaugural ceremony.

The invited speaker for the session was Mr. Ramesh M, Motor Vehicle Inspector (MVI), Chalakudy. The Programme was intended to create awareness among students – the budding road users and the public to behave more responsibly on roads which can reduce accidents and fatalities. The importance of road safety aspects such as road signages and markings, road etiquettes, road safety accessories, and motor vehicle rules were effectively conveyed in the program. He asserted the need to practice defensive driving techniques which considerably reduce the likelihood of a collision or incident and can even save costs related to vehicle maintenance and fuel consumption, by driving smoothly and steadily.

The program was conducted in the Insight Hall, JECC by strictly adhering to COVID Protocol and more than 100 people attended the program on the online mode.

The session ended at 11.30 AM.

NASSCOM 10000 Startup “Be a Studentpreneur” -Workshop Series

Platform : Zoom

Date: 27.03.2021

Be a studentpreneur series is a series of workshops conducted for college students in the aspect of entrepreneurship evangelization, ideation, design thinking training for college students. It also helps students to identify the importance of an E-cell among college campuses. It's a full-day event in which the first half will be training and sessions and in the second session, students will be working on activities like business modeling and idea pitching.

The series launched on 27-03-2021 in coordination with IEDC cell Jyothi engineering college, Thrissur. The first half was occupied with an interactive session, along with a few activities and games. In the second session, all students got divided into 7 groups and gave different problem statements to each group. Allocated 7 breakout rooms to each group for effective communication. In the end students presented their ideas and business model canvas.

Speaker: Mr. Akhil Madhav, Makerspace Manager, Cisco thinQbator,

Attendee details

Total student registered: 86

Total students participated: 61

Program schedule:

Introduction(10 AM) : Sharon Sebastian, NASSCOM 10000 Startups

Session starts(10.30 AM- 12 PM) : Akhil Madhav

Group division and Problem statement allocation(1 PM - 3PM)

Group discussion and Idea presentation(3 PM- 4.30 PM)

Conclusion (4. 30 PM) :

Entrepreneurship Mindset

Platform : Google Meet

Date: 22.05.2021

The poster is for an event titled "ENTREPRENEURIAL MINDSET: A talk with entrepreneurs from the middle east". It is organized by Jyothi Engineering College and the Innovation and Entrepreneurship Development Centre (IEDC). The event is scheduled for May 22nd, 2021, at 10:30 AM. The speakers are Shamsudheen Nellara, Managing Director of Nellara Foods & Address Men's wear, and Feroz Abdulla, Managing Director of Advance Packaging and Adhesives LLC. The event is moderated by Ajmal Basheer, a studentpreneur and founder/CEO of Healthified. The poster includes contact information for Anil Antony (AP, CSE) at 9746222670 and Ajmal Basheer at 8921010255. A registration link is provided: <http://bit.ly/middleeastdiary>. The poster also features logos for Jyothi Engineering College, IEDC, and the Institution's Innovation Council.

On May 22nd 2021, IEDC Jyothi Engineering College Hosted a talk show called Entrepreneurial Mindset with guests from the middle east. The talk show and interview were conducted with the presence of well-known entrepreneurs like Mr. Shamsudheen Nellara (Managing Director Nellara Group of companies) & Mr. Firoz Abdulla (Managing Director Advanced Packaging Dubai). The show was moderated by Mr. Ajmal Basheer, a studentpreneur and the founder and CEO of Healthified, a startup from Jyothi Engineering College.

The talk covered the topics including the early life and the entrepreneurial journey of these entrepreneurs and also discussed the business opportunities in Kerala and Dubai. Students were inspired by the life story of these entrepreneurs and got an idea about starting a business to scale up the business. Mr. Shamsudheen Nellara discussed building an FMCG Brand while Mr. Firoz Abdulla discussed building adhesive and technical products or brands.

Through this event, IEDC was able to provide the students with exposure to the business world and they were able to interact with well-known entrepreneurs.

Students Achievements

Beach Hack 3.0 was conducted by Christ College of Engineering, Irinjalakudda on Feb 2021. Our team UnicornDev were declared as 1st Runner Up on Feb 8 2020 and got the cash prize of 20,000. Our team comprised of Sidharth S Unnithan, Sidharth P, Amal Shibu and Deo Saju.

COVID-CONTRIBUTIONS

PRODUCT 1

'VIRUZID' - UV robot sterilizer

- Used for sterilizing hospitals, homes and other care centers.
- A mobile application was also developed to control the motion of this robot. The robot employs Ultraviolet Germicidal Irradiation (UVGI).
- UVGI is a disinfection method that uses short-wavelength ultraviolet light to kill or inactivate microorganisms by destroying nucleic acids and disrupting their DNA, leaving them unable to perform vital cellular functions.
- The project was also selected for the YOUNG INNOVATORS PROGRAMME 2019 - 2022 Finalists as part of K - DISC and the Entrepreneurship Conclave led by the Department of Commerce and Industry, Kerala.



Media report



Deepika, 28th April 2020



Manorama, 17th May 2020



Manorama, 17th May 2020

Product – 2



AUTO SANI - Sensor Based Automatic Sanitizer Dispenser

- Used for dispensing sanitizer without physical contact to support “Break the Chain” initialed by Govt. of Kerala.
- Fabricated using IR sensor with a capacity of one liter sanitizing liquid
- Installed at Govt. Medical College Hospital, Thrissur for the use of doctors and patients.



Product – 3

Cost Effective Ventilator

- Jyothi Engineering College, Thrissur in association with CADLR and ELE Agrotech developed a cost effective ventilator for COVID-19 treatment.
- When normal ventilators costs around Rs. 3-6 lakhs, this ventilator can be made available at a cost of Rs. 25,000 - 50,000.
- Specifically designed for COVID19 treatment by modifying all the special features in the existing ventilators.



Deshabimani, 24th April 2020

Product – 4

Foot Operated Sanitizer Dispenser

- Foot operated sanitizer / hand wash dispenser was fabricated by our college students and faculty members in the Mechanical Department Workshop.
- This stand allows the user to use hand sanitizer without touching the bottle with the help of a foot-pedal operated mechanism.
- 50 Nos. were fabricated and placed at various public places including railway stations, hospitals and ATMs.



Product – 5

'VIRUZID' - Portable UV Disinfection Chamber

- Viruzid (Portable UV Disinfection Chamber) is a sterilizing box, which can be used for sterilizing the mobile phones, laptops, masks, groceries, small toys, keys, glasses, papers, hearing aids and personal items.
- This Box is made up of UV-C safe materials which not only ensure safe operations of the equipment but also ensures UV-C blockage to ensure that outside personnel do not get affected with the UV-C light.



Viruzid (Portable UV Disinfection Chamber)

Product – 6

Mask

- Students of Jyothi Engineering College, Thrissur initiated 'Mask Making Challenge' during COVID19 lockdown period. More than 5000 masks were prepared by our college students.
- 500 masks were given to Govt. Hospital, Killimangalam.
- 4500 masks were distributed to the public in and around the college including Vettikattiri, Panjal, Cheruthuruthy and Mullurkara area

Product – 7

Hand Sanitizer

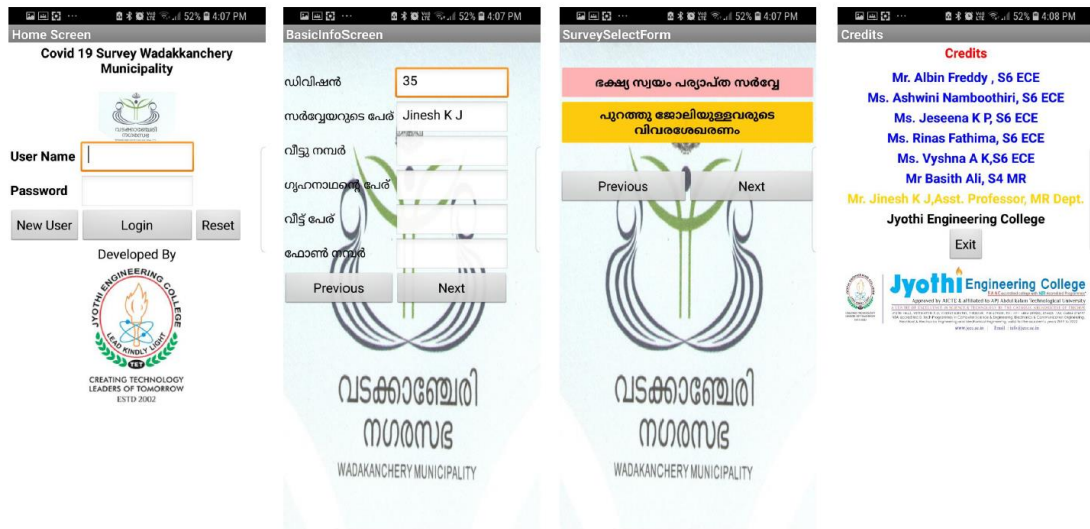
- Students of Jyothi Engineering College, Thrissur prepared hand sanitizer with the help of Chemistry Department staff members and NSS unit
- 10 Nos. of 100ml sanitizer bottles were given to Govt. Hospital, Killimangalam.
- 10 liters of sanitizer bottles were distributed to public in and around the college area.

Product – 8

Android App for COVID Survey

- Jyothi Engineering College, Thrissur developed an android app for conducting covid related surveys for the Wadakkanchery Municipality. This app has been used by Asha workers for entering data.

App Pages



Product – 9

Android App for monitoring persons health status

- Jyothi Engineering College, Thrissur developed an android based app to monitor health status of quarantine persons and Covid patients.
- This app was developed in association with MAITHRI , NGO located at Palakkad.
- This app is indented to monitor three types of people:
 1. Quarantine persons
 2. Reverse Quarantine persons
 3. COVID patients

App Pages

