

## **IEDC Executive Committee 2018-2019**

IEDC Faculty Chairman : Mr. Anil Antony (Nodal Officer, AP-CSE)

IEDC Faculty Convener : Mr. Melvin Raj (AP,ME)

Faculty Members : Mr. Aneesh Chandran (AP, CSE)

: Mr. Jinesh K.J. (AP, ECE)

: Ms. Nyni K.A. (AP, ECE)

: Ms. Nikhila A.P.(AP, CE)

: Ms. Aswathy Rajan(AP, EEE)

: Ms. Neeraja P.G. (AP, CE)

### **IEDC Student Coordinators**

C.E.O. : Mr. Bernard K.P. (ME)

C.O.O. : Mr. Pallatty Jesvin Joseph (ECE)

C.F.O. : Mr. Abel Tomy (ME)

C.S.O. : Ms.Asna Nesry(CSE)

C.C.O. : Mr. Paul Mohan(EEE)

C.M.O. : Mr. Fredin Joy C(CE)

C.T.O. : Mr. Kokul Jose(CSE)

## Canada India Acceleration Program (CIAP) 2018

Date: 24/06/18

Venue: New Delhi



AICTE accepted applications for the first cohort of 10 women tech entrepreneurs to visit Canada under the Canada India Acceleration Program (CIAP) 2018, which was a joint initiative of AICTE - Carleton University to Support 100 Women Led Student Tech Start-ups Over a Period of Five Years. The Project Team, Lyza from Jyothi Engineering College attended Delhi for the Student/Early Stage Startup Mentorship program... Only Two Teams were selected from Kerala...

## **Workshop on Personal Entrepreneurial Competencies**

**Date:03.07.18-07.07.18**

**Venue: KIED, Kalamassery Campus**



Five Students (Bernad Boban(ME), Pranav Vijayan(ECE), Rahul N (CSE), Shijith (CSE), Fredin Joy K(CE) & Mr. Cijil, AP, Mechanical Department attended 4 days workshop on 'Personal Entrepreneurial Competencies' at KIED, Kalamassery Campus

## **PRAYAANA CAMPUS AMBASSADOR HUNT**

**Date: 11.08.18 & 12.08.18**  
**Technology**

**Venue: Muthoot Institute of**



Maria of S5 CSEB & Kavya of S5 ECEA attended PRAYAANA CAMPUS AMBASSADOR HUNT on 11th & 12 th August 2018 @Muthoot Institute of Technology...

## **Workshop on “Foundation skills on Entrepreneurship”**

**Date: 13/09/2018 & 14/09/2018**

**Venue:415EAB, JECC**



ICT Academy associated with Kerala Startup Mission organized a two day workshop on “Foundation Skills on Entrepreneurship” for students during 11-12 september, 2018 at Jyothi Engineering College, Cheruthuruthy. The workshop was specifically meant for improving employability skills amongst students who are enrolled in Technical, Technology and Arts and Science Institutions across the state. It is achieved by imparting industry relevant skills training in Technology and Life skills for students from their beginning years of their graduation. Out of 37 persons registered for the workshop, 20 participants were from colleges other than Jyothi Engineering College.



## Idea Pitching Contest

**Date:29/09/18**

**Venue:Insight Hall, JECC**



An Idea pitching contest was conducted by the IEDC Cell of Jyothi Engineering College in association with IEEE on 29th September 2018 at the insight hall. Participants exhibited active participation and their ideas were overwhelming. There were a total of 10 participants in the contest. Judging Panel consists of Dr. George Raphael (ME), Dr.Vinith ( CSE), Dr .Anitha (CE). The Winners Of Idea Pitching contests were 1. Plastic Bricks, 2. Helping hand for Paralyzed .

These two projects were supported with a financial support of Rs.1000.

## IEDC SUMMIT 2018

**Date: 03/11/2018**

**Venue: AJCE, Kanjirapilly**



IEDC Summit is the avenue for participants of various units across the State to come together, to share the success stories, to learn from each other's failure, to show case innovative products and to develop strong networks that go a long way in developing sustainable enterprises.

This year's IEDC Summit conducted on 3 November 2018 in the picturesque campus of Amal Jyothi College of Engineering, Kanjirappally. Best Poster Awards for People Choice won by Jyothian in IEDC SUMMIT 2018 ( Mohammed Saajid of S5CSEB)

## SMART ODISHA HACKATHON @ ODISHA CONCLAVE 2018

Date:14/11/2018

Venue: Bhubaneswar



The Make In Odisha Conclave 2018 is the flagship biennial business event of the Government of Odisha. After the resounding success of the event in 2016, the State will be organizing the second edition of the marquee event at Bhubaneswar during November 11 to 15, 2018. Our S7 EEE students of our college (Kiran Elias, Delvin Davis, Paul Mohan) won **3<sup>rd</sup> Prize** of Rs.50000/- in the 36 Hour Smart Odisha Hackathon as part of Odisha Conclave .....





# 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 TRICHUR  
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NSA Accredited 8. Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering,  
Electrical & Electronics Engineering and Mechanical Engineering valid for Academic Years 2016-2017 to 2018-2019  
www.jecc.ac.in | E-mail : info@jecc.ac.in

## DESIGN COMPETITION

IEDC, Jyothi Engineering College is conducting a design competition emphasizing on Innovation, Entrepreneurship, FabLab & Startup. Submit your designs on the official Facebook page IEDC-JECC and mail us at [iedc@jecc.ac.in](mailto:iedc@jecc.ac.in)

SUBMIT DESIGNS BEFORE  
**28<sup>TH</sup> JANUARY 2019**

**1<sup>ST</sup> PRIZE  
Rs. 1000/-**



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## YUVA MASTERMIND 2019

**Date: 19/01/19 & 20/01/19**  
**Stadium, Ernakulam**

**Venue: Rajiv Gandhi**



Yuva MasterMind 2018 by Malayala Manorama in technical partnership with Amal Jyothi College of Engineering held at Rajiv Gandhi Stadium, Ernakulam on 19/01/19 & 20/01/19. The project titled " Design of Haptic Shoe for Blind & Elderly People" guided by Ms. Divya Menon Asst. Professor, CSE. Group Members: Jisna Joby, Catherine lenette, Agna, Divya Shibhu of S5CSEA. The project titled " Lyza for Women" guided by Ms. Aswathy Wilson, Asst. Professor, CSE. Group Members: Asna, Ajaz, Emmanuel, Anirudh, Catherine, Bini, Jima of S7CSEA were two projects selected among 25 projects among the Colleges of Kerala.

## CHHATRA VISHWAKARMA AWARD 2018

Date:21/01/2019

Venue: New

Delhi



CHHATRA VISWAKARMA AWARD 2018 - regional competition held at Acharya Institute of engineering, Bangalore. Lyza Team was among 20 teams all over India to participate the Final Round @ Delhi. Students Team from Jyothi Engg College grabbed **2<sup>nd</sup> Prize** in the National Innovation Summit - Chhatra Vishwakarma Award 2018 - hosted by AICTE .

## DESIGN THINKING WORKSHOP

**Date: 13<sup>th</sup> and 14<sup>th</sup> February 2019**

**Venue: Thejus Engineering**

**College, Thrissur**



“Design thinking workshop” which was organized by ICT Academy of Kerala in association with KSUM on 13th and 14th February 2019 at Thejus Engineering College, Thrissur. From our college the following students were participated.

1. Kokul Jose S6, CSE
2. Anirudh C H S6, CE
3. Muhammed Ashiq Maqbool S6, CSE
4. Fredin Joy K S6, CE



## KTU TECHFEST

**Date: 15<sup>th</sup> ,16<sup>th</sup> & 17<sup>th</sup> Feb 2019**

**Venue: GEC,**

**Thrissur**



KTU Techfest 2019 is the annual technological extravaganza jointly railed by Dr. APJ Abdul Kalam Technological University and Kerala State Council for Science Technology and Environment (KSCSTE). This time the event held in Government Engineering College Thrissur .Our students got prize in the following Events.

1. Tekon 3<sup>rd</sup> prize –E Braille reader

Team members: Prasob, Olivia, Mubashira of ECE

2. Most innovative project 2<sup>nd</sup> prize & Best open source project  
Braillon- raille printer

Team members: Palatty Jesvin Joseph(ECE), Bernad Boban (ME)

3. Archana Venugopal & Jeena Varghese of CSE, Giyo, Joseph & Edwin of EEE  
secured 3<sup>rd</sup> prize in V-Hack, Hackathon.

## IoT WORKSHOP

**Date: 20/02/19 & 21/02/19**

**Venue: ICT Academy Learning Centre, Infopark,  
Koratty**



“IoT workshop” which was organized by ICT Academy of Kerala in association with KSUM on 20<sup>th</sup> and 21<sup>st</sup> February 2019 at ICT Academy Learning Centre, Infopark, Koratty. From our college the following students were participated.

1. Arjun S, S6 EEE
2. Mohammed Ashik, S6EEE
3. Varun Vincent, S6 CSE
4. Anand Murali, S6CSE
5. Abhishek SunilKumar S6 ME
6. Abel Tomy S6 ME
7. Vishnu P.C. S6 ME

## ON BOARD QUIZ

**Date:19<sup>th</sup> -22<sup>nd</sup> Feb 2019**

**Venue:JECC**



The Computer Engineering Students Association(CESA) in association with IEDC conducted “ON BOARD QUIZ” for all the students from 19<sup>th</sup> -22<sup>nd</sup> Feb 2019. The event was inaugurated by Rev.Fr. Roy Joseph Vadakkan, Campus Head, JEC in the presence of Fr. Dr. Jaison Paul Mulerikkal CMI, Principal & Fr.Dr. A.K. George, HoD, CSE.

## **SRISHTI 19**

**Date: 23/02/19 & 24/02/19**

**Venue: Sakhan Nagar,**

**Thrissur**



Srishti 19, a National Level Project exhibition and competition in association with tharang 19 was held in Sakhan Nagar, Thrissur for the seventh time on 23/02/19 & 24/02/19. The program aimed to provide a platform for creative minds to showcase various innovative and revolutionary ideas and compete with their counter parts contributing constructively to the existing knowledge base. The event was being conducted in association with IEDC –JECC. The first day was open entirely for our students to showcase their innovative projects. In the second day competition of the students from the different college held. Out of the projects of nearly 20, project titled “Fusion 3D” won first prize of Rs10000/- by the Rajiv Gandhi Institute of Technology, Kottayam. Second prize of Rs.5000/- shared by 2 Teams, the project titled ” Enhanced Automobile Air Conditioning System using Cryogenic Fluid” of Saint Gits College of Engineering, Kottayam and “Village design for Flood affected area” from our team.



## TECHNICAL CONCLAVE2019

**Date: 25/02/19 & 26/02/19**

**Venue: Pooram International,**

**Thrissur**



Technical Conclave 2019 conducted in Pooram International Hotel, organized by MSME & District Industries Center, Thrissur on 25/02/2019 & 26/02/2019. The projects from Jyothi Engineering College for Technical Conclave were the following 1. Brailleon- A low cost Braille Printer(Palatty Jeswin Joseph (ECE) & Bernad Boban (ME)) 2. CRYO E TOILET (Alfred Babu, Gopi Krishna & Arun Raj of S8 CE) 3. Speed Limiter(Amal Prem, Harikrishna, Jain Jhonson, Delma Davis of S8 CSE). Brailleon- A low cost Braille Printer got Second prize in the Event.

## **FUNDED PROJECTS**

### **INNOVATE KSCSTE 2019**

1. The project titled "Speed Limiter" guided by Ms. Aswathy Wilson Asst. Professor, CSE. Financial support of Rs 7,000/-.

Group Members: Amal Prem, Jain Johnson, Delma Davis, Harikrishna T.

2. The project titled "Brailleon- A low cost Braille Printer" guided by Mr. Jinesh K.J, Asst. Professor, ECE. Financial support of Rs 8000/-.

Group Members: Bernad Boban, Pallatty Jeswin Joseph.

3. The project titled "Currency Recognition" guided by Mr. Fepsulin, Asst. Professor, CSE. Financial support of Rs 5,000/-.

Group Members: Mohammad Saajid, Mohammed Asiq Maqbool, Viju Valsan, Kokul Jose, Raveena P.

### **Yuva Mastermind 2019**

1. The project titled " Design of Haptic Shoe for Blind & Elderly People" guided by Ms. Divya Menon Asst. Professor, CSE.

Financial support of Rs10,000/-.

Group Members: Jisna Joby, Catherine lenette, Agna, Divya Shibhu of S5CSEA

2. The project titled " Lyza for Women" guided by Ms. Aswathy Wilson, Asst. Professor, CSE. Financial support of Rs 10,000/-.

Group Members: Asna, Ajaz, Emmanuel, Anirudh, Catherine, Bini, Jima of S7CSEA.

### **IDEA FEST 2018**

1. Kerala Startup Mission granted **Rs.30000** for the their idea “Advanced Home Automation” to Mr Sooraj and Ms. Swathy of S7 ECE department presented at IIM, Calicut.(specified in 2017-18 activities)

2. Kerala Startup Mission granted **Rs.150000** for the their idea “Automatic Recycle Machine” to Mr. Joseph P.K., Mr. Jizon S. Arakkal, Mr. Edwin Joseph, Mr. Giyo George of S5EEE.

3. Kerala Startup Mission granted **Rs.200000** for the their idea “Braillex” to Jesvin Joseph Palatty, S7 ECE, Pranav V. V., S7 ECE, Sruthy Chandran, S7 ECE, Varadha N., S7 ECE, Bernad K B ,S7 ME

#### Other Achievements:

1. Sreerag R. Nandan of S3CSEB has secured First Prize in Coding contest TechBoot organized by Dept. of Computer Science, Yuvakshetra Institute of Management Studies, Ezhakkad on 8<sup>th</sup> Sept 2018.

2. The S5CSEB Students (Mr. Shijith, Mr.Roy, Mr. Sreekanth, Mr.Mathews) got First Prize in a Management Team Event named "BoardRoom" in "Tathva18" Techfest @ NIT-Calicut .

3. Harikrishnan with Ashiq S7CSE had secured 2<sup>nd</sup> and Shijith MS with Vrindha Vinoj of S5CSEB had secured 3<sup>rd</sup> for Debugger - Debugging event conducted as a part of Dyusha at NSS Engineering College, Palakkad on 9th Nov 2018.

4. Mohamed Sajiid of S5CSEB had secured 3rd in Explorer conducted as a part of Dyuksha

5. Maneesh(S3 CSEB) got 3rd prize in explorer surfing through Wikipedia links

6. Anand Murali, Anu Jayson, Akhil V, Arif K, Arya P Menon of S6 CSEA won 1<sup>st</sup> prize in the event Volthunter at Vyvidh’19, TechFest at VAST.

7. Anand Murali, Akhil V, Arif K of S6 CSEA won 1<sup>st</sup> prize in the event Electro Hackathon at Vyvidh’19, TechFest at VAST.

8. Kokul Jose of S6 CSEB won 2<sup>nd</sup> prize in the event Codex event at Vyvidh’19, TechFest at VAST.

9. Angel, Aiwin, Alaka, Sayooj of S6 CE won 2<sup>nd</sup> prize in the event Project Expo at Vyvidh’19, TechFest at VAST.

10. Fredin & Delvin of S6 CE won 1<sup>st</sup> prize in the event Ship Making at Vyvidh’19, TechFest at VAST.

11. Mr. Bernad Boban of S8 ME received ISTE Best Student Award from ISTE Kerala section during State Annual Student Convention held at NIT, Calicut

12. Archana Venugopal, Jeena Varghese of S6CSEA along with Giyo, Joseph, Edwin of S6EEE secured 3<sup>rd</sup> prize in V-Hack, Hackathon in KTU Techfest.

Internshala Student Partners (ISPs)

1. Stephy Akkara (M.Tech, Power Electronics)
2. Harikrishnan (S6, CSE)
3. Arjun

### **Patent in Jyothi**

1. Student Project has been Patented under the Title "Tremor Stabilization Spoon for Parkinson Syndrome affected Patients which can function as per the Requirements Based on Monitoring of Conditions."

Patent cell coordinator: Dr. Jarin

Project Guide : Mr. AKHIL A. BALAKRISHNAN

Team Students:

Mrs. FATHIMA IRFANA

Mr. BROLIN TENCY

Ms. PREETHI P J

Mr. ANTONY JASHIL

2. Patent Title : A Biodiesel fuel blend composition comprising of Prickly poppy methyl ester (PPME), ethanol and diesel.

Indian Patent No.: 310171

Date: 28/03/2019

Patentee Name: Dr. Deepanraj B.