

## JYOTHI ENGINEERING COLLEGE

#### **Index Sheet for 1.4.2**

Feedback process of the Institution may be classified as follows: Options:

- A. Feedback collected, analysed and action taken and feedback available on website
- **B.** Feedback collected, analysed and action has been taken
- C. Feedback collected and analysed
- **D.** Feedback collected
- **E.** Feedback not collected

Response: B. Feedback collected, analysed and action has been taken.

Department wise action taken on feedback

Conducted Department wise add on courses to bridge the gap identified through feedback Process.

https://www.jecc.ac.in/documents/igac/1.2.2-Addon\_Documents.pdf

In addition to add on courses, conducted several invited lectures and programs/workshops to make the students technically competent.

#### **EXPLORE ML PROGRAM**

Venue: Insight Hall Date: 28/08/2019



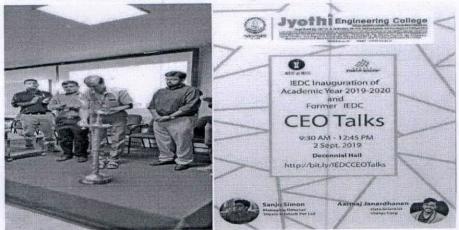


The Explore ML Program as a part of Google's Explore Machine Learning Program conducted in association with IEDC-JECC and CSI designed for machine learning enthusiasts to learn ML in a fun way through videos, exercises and demos. The Resource person of this event was SREERAG R NANDAN, S5CSEB, Google's Explore Machine Learning Program facilitator.



#### IEDC CEO TALKS

Venue: Decennial Hall Date: 2 September 2019



IEDC inauguration ceremony of academic year 2019-2020 was conducted by the IEDC Cell of Jyothi Engineering College in association with Kerala Startup Mission on 2<sup>nd</sup> September 2019 at decennial hall. MrKokul Jose CEO,IEDC had given a welcome speech. The program was inaugurated by Rev.Fr.Dr.A.K.George, HoD of Computer Science & Engineering, Prof. Ratnan Vice Principal, preside over the function in Principal absense. Vote of thanks was given by MrFredin Joy. Chief guest of the event were MrAatmaj Janardhanan working as Data Scientist for Unisys Corp , MrSanjo Simon working as Managing Director for Triaxia Infotech Pvt Ltd and MrBernad Boban working for WIPRO. They shared their industrial and startup experience with the students. MrBernad Boban had an interaction session with the students. Mr. Dany Varghese, Asst. Professor, CSE first IEDC CEO also interacted with the students. Students actively participated in the interaction session. Winners of Idea Pitching Contest were awarded seed fund. The projects of Idea Pitching Contest were

- 1. B-Cam(Currency Recognizing Spectacle For Blinds)
- 2. Waste wheel
- 3. Waste water management at home
- 4. Student Oriented Campus book
- 5. Intelligent Smart Campus.

Memento was handed over to the chief guests by Mr Anil Antony, IEDC Nodal Officer. Some of the important points mentioned by the chief guests were that "We must never be under society pressure and always listen to your heart "."Enjoy the work that you do otherwise you will never excel in it".

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## TALK ON "HOW TO START FROM SCRATCH TO ENTREPRENEUR"

Venue: EAB 415 Date: Sept-4,2019



CESA (Computer Engineering StudentsAssociation) in associated with IEDC organized a Half Day session on 4th September 2019 from 1.30 PM to 4.00 PM at EAB 415. About 300+ students from Computer Science & Engineering Students participated. Session on "How to start from Scratch to Entrepreneur" was handled by Bimal S Parayil, Co-founder & CEO, Nintriva Technology Solutions. He was the alumni of our college.

## TALK ON COMPANY REGISTRATION, IPR, PATENT FILING

Venue: Insight Hall, JECC Date: 28-09-2019





Talk on company registration, IPR and patent filing was conducted by the IEDC Cell of Jyothi Engineering College in association with Kerala Startup Mission on 28th September 2019 at Insight Hall. Speakers of the event wereMr Edwin Andrews, CEO of Spatez, Prof. Biju C.V IIT Research Scholar and Dr. Deepanraj of Mechanical Engineering Department. Thirty students actively participated in the talk. Talk on Company Registration was given by Mr Edwin Andrews. Talk on IPR was given by Prof Biju C.V. Talk on Patent Filing was given by Prof Dr. Deepanraj B. He explained about the application formalities to the students. He also compared about the duration required to apply now and then Mr Edwin Andrews explained that a company can be registered as Private Limited (Pyr Lidmonths) M. Tech.

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Limited Liability Partnership (LLP). Vote of thanks was given by Mr.Kokul Jose of S7 CSE.

# TALK ON 'GETTING STARTED TO OPEN SOURCE CONTRIBUTIONS'

Venue: Decennial hall Date: 02-11-2019





Talk on getting started to open source contributions was conducted by the ICFOSS club of Jyothi Engineering College in association with IEDC and Kerala Startup Mission on 2nd November 2019 at Decennial Hall. Speaker of the event was MrHimanshuAwasthi, Asst.System Engineer at Tata Consultancy Services (TCS) and founder of FOSS Kanpur. Seventy students actively participated in the talk. He taught the students how to contribute in the field of free and open source contributions (FOSS) by using GitHub. He talked about Richard Stallman who developed a free alternative to UNIX. He encouraged and motivated the students to actively contribute. In Hands On session he made the participants to do fork and update the content till submitting a PR. Students actively participated in the interactive session. Memento was handed over to Mr. HimanshuAwasthi by Rev. Fr. Jose Kannampuzha, Director, Jyothi Engineering College.

#### 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.

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

## Machine Learning using TensorFlow

#### Front End Development

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

#### **BOT IN A DAY**

During the session, the students were taught about the platform named UiPath, a software to create bots. Initially the participants were given an idea on the importance and the application of this software. Later they had hands on sessions to make a bot using the software UiPath. Different demonstrations and practice sessions were given to the participants. The faculties also made sure that the participants were able to use the software with ease. The students cleared theirs doubts and actively participated in the workshop.





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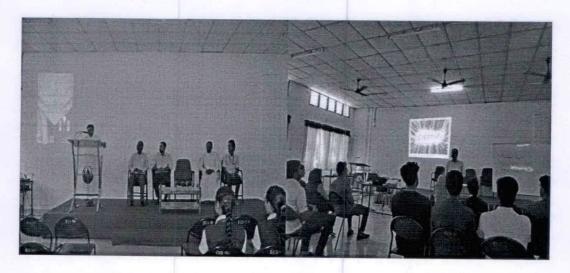
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## WORKSHOP ON "FOUNDATION SKILLS ON ENTREPRENEURSHIP"

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





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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.

## **DESIGN THINKING WORKSHOP**

Date: 13th and 14th 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

#### IOT WORKSHOP

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

Venue: ICT Academy Learning Centre, Infopark, Koratty





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"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. AnandMurali, S6CSE
- 5. AbhishekSunilKumar S6 ME
- 6. Abel Tomy S6 ME
- 7. Vishnu P.C. S6 ME

## ON BOARD QUIZ

Date:19th -22nd 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 byRev.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.

## **TECHNICAL CONCLAVE2019**

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

Venue: Pooram International, Thrissur

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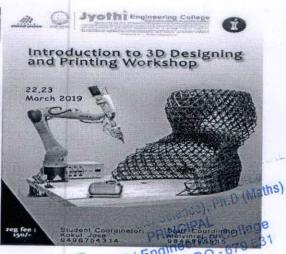
Technical Conclave 2019 conducted in Pooram International Hotel, organized by MSME & District Industries Center, Thrissur on 25/02/2019 & 26/02/2019. The projects from Jyothi Engineering College for Technical Conclave were the following 1. Brailleon- A low cost Braille Printer(PalattyJeswin Joseph (ECE)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

# INTRODUCTION TO 3D DESIGNING AND PRINTING

Date: 22/03/2019 & 23/03/2019

Venue: CAM Lab, FabLab





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IEDC of Jyothi Engineering College organized a workshop on "Introduction to 3D Designing and Printing". Mr. Shijin of ME department was the Resource Person. It was conducted in the CAD Lab on 22nd Friday 1:30pm to 4:30pm and on 23rd Saturday 9:30am to 12:45pm at FabLab of our College. It was fully a hands-on sessions for the students.

#### WORKSHOP ON CHATBOT

Date: 06/04/2019 Venue:InsightHall



ChatBotWorkshopconducted by IEDC&KMUGon 06/04/2019 at Insight Hall. The sessidelivered by #TedXSpeaker, Mr.AlokRajasukumaran. About 30 students from different department attended the event.

## ANDROID DEVELOPMENT & RHINO 3D WORKSHOP

Date: 26/08/2017

Venue: Decennial Hall & CADD Lab, Civil Dept.





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The IEDC of Jyothi Engineering College conducted a one day workshop on "Android Development & Rhino 3D software for our students in association with IEEE. It has conducted in two places, one Android Development in Decennial Hall & other Rhino 3D software in CADD Lab, Civil Dept. About 55 students in Android Development & 33 Students in Rhino 3D participated. The Resource person for the Android Development workshop was Mohammed Thasneem P Software Engineer at Claysys Technology, Infopark, Kochi. The resource persons for the Rhino 3D software workshop were Mr. AthifKurukkoli, Mr. Nizamudin K.Y., Mr. Riyas P.K. from Freelance Technology Innovationist, Fab Academy Graduates, Ex-Technology Innovation Fellow.

#### **BOOTCAMP OUT OF SYLLABUS**

Date: 23/09/2017 Venue: EAB 415 Hall



The IEDC of Jyothi Engineering College conducted "KSIDC KSUM boot camp #outofsyllabus program by Openfuel and Channel Iam" for our students in association with CESA on 23/09/2017 AN in the EAB415 Hall. The program was also partnered by Amazon Web Services(AWS) and Makemytrip. The workshop gave important of being different from the crowd and being original in doing to instill entrepreneurship in young minds. The workshop #outofsyllabus was conducted by Mr. RohithRadhakrishnan,Co-founder of Openfuel with assistance from KSUM.

#### LED BULB MAKING

Date: 07/10/2017

Venue: EEE Lab, Jyothi Engineering College

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To equip students with the knowledge of LED Bulb making the IEDC Collaborated with the NSS unit of the college. The classes were given by Mr. Majeendran were the students learned about creating LED bulbs which could further enhance the possibility of its usage at needful time. Also help the students in teaching others the same so that the society could use their service for the betterment.

#### **IDEATION**

Date: 07/10/2017

Venue: EEE Seminar Hall, Jyothi Engineering College

As part of the selection process for best ideas to be presented at INNOVATE an initiative by A P J Abdul Kalam Technological University for their technological fest KETKON to find the best solutions to the problems faced in the society in which IEDC collaborated with IEEE in hosting the event. The Ideation was judged by Fr.Dr.A K George,Mr. Biju C V,Dr. Anitha Jacob and Mr. DanyVarghese. The top 5 ideas selected from the college out of the 30 ideas screened were:

- 1. Agni :Fire extinguisher robot
- 2. Smart Water Irrigation System
- 3. Smart medicare system
- 4.Deafado: A best friend indeed
- 5.Ojus: A smart guidance system for the blind.

## ENTREPRENEURSHIP AWARENESS PROGRAM

Date: 04/11/2017 AN Venue: Seminar Hall, CSE Dept.



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Entrepreneurship Development Club of Jyothi Engineering College has been registered with the Directorate of Industries & Commerce under the Entrepreneurship Development club programme of the Department of Industries & Commerce, Govt. of Kerala from 11/10/2017. The IEDC of Jyothi Engineering College conducted two hour awareness talk program on "Entrepreneurship" for our students in association with District Industries Centre, Govt. of Kerala on 04/11/2017. It has conducted in Seminar Hall of Computer Science & Engineering, about 46 students participated. The Resource persons for the talk were Mr. Pranab G., Asst. District Industries Officer, DIC, Thrissur, Mr. K.G. Viswambaran, Asst. District Industries Officer, Thaluk Industries Office, Thalappally, Mr. Raju P.A, Industries Extension Officer, Payyannur Block.

## ROAD SAFETY AUDITING, EVALUATION & TREATMENT

Date: 15/02/2018

Venue: Insight Hall, JECC.



Interactive session with Dr. Elongovan on Road Safety by Civil Students Association in Association with IEDC for Civil Department Students in Insight Hall on 15/02/2018. Almost 50 students were participated in the talk. AYATHANKAL

Ph.D (Computer Science), Ph.D STTP ON PRACTICAL APPROACH TO URBAN TRANSPORTATION PLANNING USING CUBE SOFTWARE

Date: 20-26 May 2018

Venue: Decennial Hall, JECC.

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Seven days STTP on Practical Approach to Urban Transportation Planning using Cube Software conducted by Civil Department in associationwith IEDC-JECC & ISTE from 20-26May 2018.

#### **IOT WORKSHOP**

Date: 22/04/2016 & 23/04/2016 Venue: Decennial Hall & VLSI Lab



The IEDC of Jyothi Engineering College conducted a two day Faculty Development Programme "IoT workshop" for our faculty in association with ISTE on 22/04/2016 and 23/04/2016. The session was handled by Akshay M, Engineer and Trainer at MIT (Massachusetts Institute of Technology) Fab Lab Kerala, an initiative under Center for Bits and Atoms, MIT Media Labs Boston and Govt. of Kerala. He was accompanied by Abilash, Kerala Startup Mission Fellow. The participants were from all four departments Computer Science, Electronics & Communication, Electrical & Electronics and Mechanical Engineering. The first day of the workshop started with an official function where Prof. Varughese Job K welcomed the gathering, Er. Thomas Mathew, the College Administrator inaugurated the function. The first day of the session mainly provided hands-on sessions in the VLSI laboratory on the topics Arduino Microcontroller & simple interfacing examples and second day on the topic Raspberry pi with its application examples. The FDP came to end on the second day with a Vote of Thanks by Mr. Anil Antony, Convener & Nodal Officer, IEDC. The components worth Rs. 45,260/- were used from IEDC Bootcamp fund to set up an IoT Lab in our Campus. The components were procured by Kerala Startup Mission and we plan to setup the IoT lab in Startup Center.

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### **AGORA'16 HACKATHON**

Date: 24/09/2016

Venue: Room 415 HALL





Agora 16 was a hackathon that was conducted by the mechanical engineering department in association with the SAEINDIA collegiate club, AMES and the IEDC club of college. The competition saw a total of 29 teams participating with a total of around 130 students.

The introductory session was handled by Prof. Joshy Joseph (Director, Startup &Placement ) and MrNirmal George (Co-Founder Build next) and after the introductory session, the students were asked to assemble in the section 415 hall for the competition. The activities of IEDC in the current academic year(2016-17) was been officially inaugurated by Mr Nirmal George (Co-Founder Build next), The Chief Guest. The theme for the hackathon was "Geriatric Care & Management" and they were asked to make prototypes on the theme by the end of the programme. A session on marketing and finance management was also taken by Fr. Roy Joseph Vadakkan (Asst. Manager Academics) on the same day. After an intense first day, we saw evaluation by senior faculty on the second day when the model was in the forming stage and with those valuable inputs, majority of the teams were able to successfully make prototypes. Final evaluation of the competition was done by senior faculty of various departments and the results were announced and prize money of 5k was given to the first place for the project titled "Tongue Controlled Wheel Chair" and 2.5k was given to the second place for the project titled "Smart Shoe with Obstacle Detection" respectively. The prizes were awarded by Fr. JojuChiriankandath, Asst. Manager of our College. The competition was closed successfully by collecting all the abstracts and handing it over to Jubilee Mission Director for possible funding.

WORKSHOP ON RUST PROGRAMMING LANGUAGE

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Date: 30/09/2016

Venue: Room 415 HALL

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The Computer Engineering Students Association (CESA) was inaugurated in association with IEDC-JECC & CSI chapter on 30<sup>th</sup> September, 2016 by Mr. Pramod C E, Founder of Recursive-Labs.com at 11:40am.Principal Dr. KK Babu presided the function, AdministratorEr.Thomas Mathew ,Asst.AdministratorEr.BobyPeter,HODPr.f.Rajappan Pillai were attended the function. CESA conducted its first event, a workshop on 'Rust Programming' led by Mr. Pramod C E. The workshop began at 10:00am and lasted till 11:40am. The students interacted with him and also learned more about Rust System Programming language, which was a great experience for them. The 3<sup>rd</sup> Semester students were inducted into and started their journey in the CSE Department. Mr. Alfin Lawrence, CESA Chairman, welcomed the gathering. Ms. Seenia Francis, Staff Coordinator of CESA, announced the new Office Bearers. Certificates were awarded to Class Toppers, Best Project Award winners and Student Achievers. Awards were sponsored by IEDC-JECC.

## KTU INTERNSHIP @ JECC

Date: 18/11/2016 Venue: Startup Room





An Executive Committee of IEDC was called in order to provide the platform for the students to present their project before the IEDC panel at Startup Room on 18th November 2016. All the

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team members presented their projects before the Committee and the Chairman of the IEDC Prof. Varghese Job & his team appreciated each of the Team members.

These were the team members who did their internship made use of IoT Lab facility of IEDC for their successful completion of the project.

1. Mobpi

Megha& Bharat

2. Walking Mate

Sruthy, Varadha&Sophy

3. Face Detection

Jesvin&Rinku

4. Hear me pi

Pravitha&Sankalp

5. Smart Plant-Bernard & Pranav

# CLASS ON ARDUINO (SCHOOL STUDENTS)

Date:22/11/16

to 24/11/16

Venue: VLSI Lab



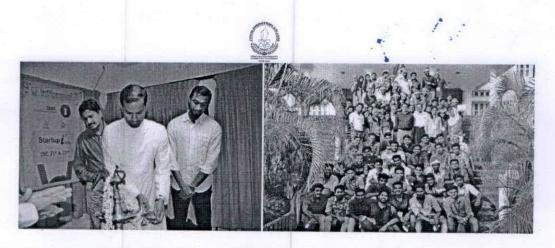


"On Job Training Programme" conducted for VHSE students of Sarvodayam VHSS Aryampadam for three days on 22/11/16,23/11/16 & 24/11/16. This programme was conducted by Department of Electronics & Communication in our college. The topics of these days includes led light making, Arduino&Rasperry pi intro with simple example by our TEDC faculty Jinesh K.J. The programme made use of IoT lab facility, initiative by VED Cofor successfully Jyothi Engineering Con 531
Cheruthuruthy P.O. - 679 531 implementing the programme. Copy Attested Ph.D (Comput

STARTUP 13

Date: 21st to 22nd Dec 2016

Venue: Jyothi Engineering College, Thrissur



IEDC of Jyothi engineering college conducted a two day workshop named Startup i3, associated with Kerala Startup Mission (KSUM) and Openfuel.org at 21/12/2016, 22/12/2016. There were 12 groups from different colleges all over kerala, with 5 members each. This event was hosted by Mohammed Rammes and RohitRadhakrishnan, two eminent personalities from the keralastartup mission and open fuel Respectively. Program was inagruated by Principal Dr. K KBabu.

First session was handled by Mr RohitRadhakrishnan with a presentation, Idea creation was the main topic that he was emphasizing. The session was very interactive and brainstorming. Then each team was asked to create an idea based on which they were to develop a prototype for the day. First day ended at 9 Pm, food and accommodation was provided for the students.

The next day each group transformed the idea into a prototype. After this a session about finance and marketing was provided by Mohamed Rammes to make the idea worthful. After lunch break every team was ready with their prototype and presentation. Based on each teams presentation a ranking was done, to find the best team with best idea. The judging panel included Prof C K RajuFrom CSE Department, Mohammed Rammes, RohitRadhakrishnan and Prof Varughese Job K From ME Department. The team Abhiraj T R, Kiran P M, Naveen K N And Sarath S from Govt. Polytechnic college, Palakkad won the First prize. The team from Sahrdaya Engineering College won second prize and third prize was for Jyothi Engineering College Team. Program ended with prize distribution and cake cutting related to the christmas.

## SMART INDIA HACKATHON

Date:18/01/2017

Venue: Decennial Hall

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Live telecast of Next India's Idea Leadership Talk with Shri. Prakash Javadekar, Hon'ble Minister of HRD, Government of India and Chief Patron, Smart India Hackathon 2017 today, Jan 18, 2017 at 2.00 PM in Decennial Hall

#### **SRISHTI 17**

Date :08 March 2017

Venue: Auditorium & EEE Lab, Jyothi Engineering College True Copy Attested





Srishti 17, a National Level Project exhibition and competition in association with that and 17 was held in Jyothi engineering college for the sixth time on 08th march 2017. 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 & also with ISTE. This time the event also witnessed the Science Exhibition from First & Students of our College. From the 106 abstracts from the B.Tech graduating students all over india, 25 were in circuit section and 25 in non circuit section were selected. The projects of circuit section were exhibited in the circuit labs of EEE department and those of non-circuit were exhibited in the auditorium.

Students from various colleges came to see and understood the projects exhibited .The projects were valued by the evaluation committee.



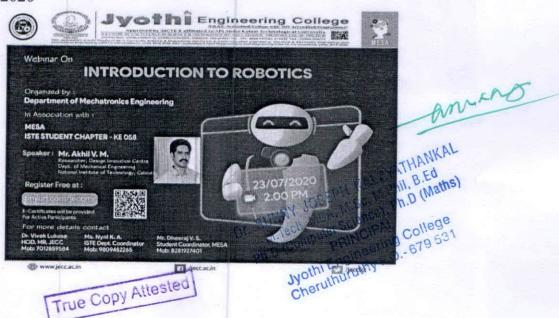
The Prize distribution function began with the welcome speech and brief introduction by Fr. Roy Joseph Vadakkan, Asst. Manager (Academic & Administration) in the Auditorium. The Administrator Engg. Thomas Mathew, Asst. Administrator Francis George & Engg. Bobby Peter, Dr. UshaMenon& Mr. Tony Kottoor, the staff Co-ordinators were present in the function & distributed the prize. A special award for Innovative Student Project was sponsored by IEDC – JECC & Consolation Prize for Science Exhibition were distributed in that function.

Among the various projects exhibited, prizes were given to separately in circuit as well as non-circuit section. In the circuit section, Automatic CPR technique with defibrillator from Sahrdaya Engineering College, Fire Mitigation System for Household -Fuzzy Fire Extinguisher (FFE) - Jyothi Engineering College won the first and second prizes respectively. In the non-circuit Fabrication of Aquatic weed Remover from Jyothi Engineering College, E-Waste as a Construction Material from Sahrdaya Engineering College won the first and second prizes respectively. The projects which won the first & second won the cash award of 15,000 & 10,000. A special award for Innovative Student Project was given to Chitowrapper: A Bioactive Packaging from Sahrdaya college of engineering won a cash prize of Rs.5000. Also the Consolation prize for Science Exhibition was given in the event. The Prize winners were Austin, Eric Sam Zachariah, Maria Rose, Jain Varghese of S4 EEE for their idea Water Purifier, Abel Tomy, Jiffin Joseph of S2 ME- A for their idea Hologram &AkhilaKrishnakumar, Anagha Rajeev, AmalUnnikrishnan, AmalPrem of S2 EC – A for their idea Vandegraff generator.

All the participants were provided with participation certificate and each project gained a consolation prize of Rs 2000/-. Mr. Tony Kottoor, Staff Coordinator, Tharang 17 concluded the program by vote of thanks. The program was dispersed at 4:30 pm.

## INTRODUCTION TO ROBOTICS

Date: 23-07-2020





The Department of Mechatronics Engineering, Jyothi Engineering College, Cheruthuruthy in association with ISTE & MESA organised a webinar on the topic "Introduction to Robotics" on 23-07-2020. The event started at 2:00P. M. with silent prayer. Dr. Vivek Lukose, HOD, Dept. of Mechatronics Engineering delivered the welcome address. The session was handled by Mr. Akhil V. M., Researcher, Design & Innovation Centre, Department of Mechanical Engineering, NIT, Calicut. The main focus was on latest trends & technologies in Robotics Engineering, different types of robots and its application in industry. 173 participants from various institutions participated for the webinar. The session continued till 3:00 P. M. & Mr. Jothis R. Daas, student representative, Department of Mechatronics Engineering delivered the vote of thanks.

#### WEBINAR ON VIRTUAL LABS

Date: 08/09/2020

The Department of Mechanical Engineering in association with SAEINDIA Collegiate club and AMES of Jyothi Engineering College organized a Webinar on on the topic "Virtual Labs" for faculty members and students on 08/09/2020 (Tuesday) at 02:00 pm. The session was handled by Dr. K.V.Gangadharan, Professor & Head of Centre for System Design, President-Institute Innovation Council, NITK Surathkal, India. He provided an insight into the importance of virtual labs in the present COVID scenario system. He demonstrated the Virtual lab and briefly described the newly developed experiments. Ms. Aishwarya Hegde - Senior Research Fellow, NITK and Ms. Shreshta - Senior Research Fellow, NITK also demonstrated the virtual lab of different engineering streams. Total of 169 participants from various engineering colleges and polytechnic institutions attended this session. The session ended with a vote of thanks by Nodal officer Mr. Christy V Vazhappilly, Asst. Professor, ME.

