



6.3 Faculty Empowerment Strategies

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

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2019-20

- **Anitha Rajan** presented a paper "Maturing with Slogan"-influence of phrases and catchwords in Mass Media, at an International Conference Synergy 2020

organized by The Department of Commerce and Management, Christ College of Science and Management on 6th March 2020.

EVENTS ORGANIZED BY THE DEPARTMENTS IN ASSOCIATION WITH R & D

DEPARTMENT OF CE

- **KTU sponsored Faculty Development Programme** on "Geo-Hazards & Disaster Mitigation organized by Civil Engineering Department in Association with R & D Centre on December 12th-14th 2019



- **A Webinar** on "Gearing Up –Post Covid Part 1" on June 5th 2020, was organized by CED,VJCET in association with R&D
- **A Motivational talk** was taken by Mr. Geo Baby on "Goal Setting" to S1 CE A& B Students on 25th July 2019.
- **An Introduction to German Language** was taken by Ms.Jessy Paikad to S1 CE A & B Students on 25th July 2019.
- **An Introduction to Scientific Calculator** was taken by Ms.Dany Sebastian to S1 CE A & B Students on 1st

August 2019.

- **An Introduction to Fab Lab** was taken by Mr.Daniel A.V on 30th July 2019 to S1 CE A & B Students.
- **A Talk on Startups** was taken by Mr.Gopikrishnan, BUIDNEXT (IIT K) to S1 CE A & B Students on 2nd August 2019.
- **An Orientation Programme** on UNAI-Aspire was taken by Ms.Shine George to S1 CE A&B Students on 20th August 2019.
- **An introduction to CAD software** was taken by ICAD, Muvattupuzha to Final Year Students. on 4th October 2019.
- **A talk** by Mr.Sachin .P.Sathyan (Architect, Safe Matrix Muvattupuzha) was delivered on 25th October 2019 to Final Year Students.
- **An Introduction to CM-Course** explanation was taken by Ms.Smitha Mariam(TICMAT) to S8 CE A & B Students on 14/01/2020
- **A class** on "Job Market & Economic Slow down" was taken by Dr.Sreenish R (AP, MBA) & Dr.Geo Baby(H.O.D,MBA) to S8 CE A & B students on 14/01/2020.
- **Competitive Exam-Awareness seminar** was conducted by Mr.Subin (TIME Pvt.Ltd) to S6 CE A&B students on 24/01/2020.
- **Survey Workshop awareness** was taken by Mr.Ansar Cill Associates to S8 CE A&B students on 19/02/2020.
- **An awareness class** on "TEKLA SKETCHUP SOFTWARE" was taken by Mr.Abin James to S8 CE A& B students on 27/02/2020.
- **A seminar** on Civil Talent Academy was taken by Ms.Nisa Ann Mathew (AP,CED) TO S8 CE A students on 28/02/2020.

- A seminar on GIS Survey-Marady Panchayat-Muvattupuzha Block Panchayat was taken by Ms. Amrutha S to S4 CE A& B students on 29/02/2020.
- A Talk on Job Opportunities in the Real Estate Sector was taken by Er.Suresh Lal & Er.Ajila A to S8 CE A& B students on 02/03/2020.
- An Orientation class for GATE was taken by Er.Shamil Shaji (Center Manager, CLAS Academy, Kaloor, Kochi) to S4 CE A & B and S6 CE A & B students on 04/03/2020.

RESOURCE PERSON

- Ms. Shine George was Invited as Resource person for a 3 day FDP on "Recent Advancements in Civil Engineering" conducted by CMR Institute of Technology Bengaluru from June 24 to 26 th, 2020.
- Ms. Shine George was Invited as Resource person for Webinar series- "Gearing Up –Post Covid Part 1" conducted by Viswajyothi College of Engineering and Technology on June 05, 2020.
- Dr. Anoop C K, was an Invited Delegate for Indo UK Workshop on "Waste Water Management" at Punjab University, India on July 3 – July 5, Chandigarh 2019.



- Dr. Anoop C K was an Invited Delegate for Indo UK Workshop on "Green Chemistry for Societal Needs: Healthcare, Pollution and Circular Economics" at Delhi University, India on Dec 16- Dec 18, 2019

DEPARTMENT OF CSE

- A Motivational talk was taken by Ms. Soumya Mathew (AP, CSE, VICET), for first year graduates on 30th July 2018.
- Block chain Cell Inauguration and Workshop on Introduction to Blockchain on 29-Jul-2019. The

Resource persons were Mr. Sethuraman O, Mr Rishal, Mr Sabir A, Research Fellows Experts from Kerala Blockchain Academy (KBA). KBA is an initiative of Government of Kerala under Indian Institute of Information and Technology and Management Kerala. The objective of this cell is to understand the concept of blockchain, its types and bitcoin



- One day Workshop was organized by Remya Paul, "Document Preparation Using LATEX" on 19th August 2019 in association with R&D IIIC. Document Preparation Using LaTeX on 19th August 2019; the objective of the workshop is to understand the basics of LaTeX and advanced techniques for writing mathematics equations. Experts from Progressive Cybernetics Private Limited handled the session.



- Code War- Coding Competition on 16th October 2019. Code war- The coding competition organized by

the department in association with R&D was a good platform for the students to showcase their programming skills. Mr. Deepak Benny of S7 CSB and Adarsh S of S7 CSA bagged the prizes.

- **Mr. Deepak Benny** of S7 CSB and **Adarsh S** of S7 CSA bagged the programme Hands on training on "Internet of Things" for S6 CSE A&B Students on 13th January 2020. The session was handled by Mr. Varghese Benny, CEO Rabbits Square. The programme venue is R&D Seminar Hall and its organized by Industry Institute Interaction Cell (IIIC) in association with R&D
- **Hands on session** on "GIT Version Control System" on 16-17th January 2020. The resource person was Mr. Balu M N. GIT is a distributed revision control and source code management system with an emphasis on speed, Organized by Arsha J K
- **One day Seminar** on "Software Development Engineer in Test" for S6 CSE students on 31st January 2020, handled by Mr. Jishnu T.G, Test Engineer, Infosys was organized by Mayadevi P.A, Remya Paul



- **Interaction with +2 Students** on 20th February 2020. Mr. Manoj Francis of CSE Dept had given a talk on importance of FAB lab



- **Setting up of FOSS cell & a fund** is sanctioned from ICFOSS, Trivandrum by Ritty Jacob.
- **National Level Intercollegiate Quiz Competition Prayudh' 20** on 27th February 2020. Sebastian Thomas and Basil Eldho of MA College of Engineering and Technology, Kothamangalam bagged the first prize. The team composed of Felix Palatty and Deepak Krishnan H of MA College of Engineering and Technology, Kothamangalam is in the second position



- **5th National Conference on Security, "Parallel Processing, Image Processing and Networking (SPIN 2020)"** Organized by the Department of CSE, VICET in association with R&D, ISTE, and CSI on 17th & 18th June 2020. was coordinated by Silpa Joseph, Mili Els Jose
- **Two day Workshop**, Organized by Arsha J K, on "GIT HUB" on January 17 & 18 by CSI for S4 CS A&B.
- **A Seminar on "INTERNET OF THINGS"** for S6CS students on 13th January 2020 in association with CSI, R&D & ISTE, Organized by Remya Paul
- **Webinar on Next Generation Smart Vehicles- Challenges and Opportunities for Engineers** on 3rd June 2020. The session was handled by Dr. John Jose, IIT Guwahati, Organized by Basil Baby.

AWARDS RECEIVED

- **Dr Anishin Raj M.M** secured Best Paper Award "Leukocyte Sub Type Identification using Spline Interpolation and Graphical Analysis" International

Conference-ICCIDD June 2020.

- "Best Accredited Student Branch" for the year 2017-18 and 2018-19 from Computer Society of India

REVIEWER OF JOURNAL/CONFERENCE

- Dr. Anishin Raj M M, Reviewer for the Springer International Conference ICACI-2019 conducted at GSSS Institute of Engineering and Technology for Women on July 18th and 19th 2019 (SN Computer Science-ACM digital library).
- Dr. Anishin Raj M M, Reviewer of "Journal of Intelligent & Fuzzy system", SCIE and Scopus indexed Journal in April 2020.
- Dr. Anishin Raj M M Session Chair for the International Conference ICCIDD-2020 conducted at Mangalam College of Engineering on June 15th and 16th 2020.

RESOURCE PERSON

- Andrews Jose is the resource person for one day seminar on "Orientation for NAAC Accreditation" at KMEA College, Edathala on 25-09-2019
- Andrews Jose is the resource person for one day FDP on "Program outcome assessment in OBE" at Nirmala College, Muvattupuzha on 26-10-2019
- Andrews Jose is the resource person for one day FDP on "OBE assessment software" at Al-Azhar College, Thodupuzha on 28-11-2019
- Andrews Jose is the resource person for one day FDP on "Program outcome assessment in OBE" at Al-Ameen College, Edathala on 13-12-2020
- Andrews Jose is the resource person for one day seminar on "OBE software and Demo" at KMEA College, Edathala on 08-01-2020
- Andrews Jose is the resource person for one day seminar on "OBE assessment software" at Al-Azhar College, Thodupuzha on 28-01-2020
- Andrews Jose is the resource person for one day FDP on "OBE assessment software" at Al-Azhar College, Thodupuzha on 28-01-2020
- Andrews Jose is the resource person for one day seminar on "NAAC Assessment" at KMEA College,

Edathala on 11-02-2020

- Andrews Jose is the resource person for one day FDP on "NBA Accreditation -assessment" at UC College, Thodupuzha on 28-02-2020

DEPARTMENT OF EEE

- One week KTU sponsored Faculty Development Programme on "Advancements in Drives", Instrumentation and Control' from 1st to 5th July 2019 was organised by Mrs. Mereya Baby and Mrs. Neena Alex



- A National conference on Emerging trends in Power, Instrumentation Control and computing technologies from 7th to 9th August 2019



- A national conference on "Advancements in Control & Computing Technologies" from 15th to 16th July 2020 Organised by Ms. Jane Maria S and Ms. Seena Paul.
- A webinar on 'Engineering Applications of Nano Materials' 6th July 2020 was organised by Mrs. Smitha Jacob and Mrs. Mereya Baby

- A webinar on "The Relevance of Sustainable development -Post Covid Scenario "by Mr.C.R. Neelakandan, (Former DGM, Keltron Controls, Aroor and Environmental activist) was organised Mr. Aneesh Kurian

DEPARTMENT OF ECE

- One day workshop on "ROBOTICS" for higher secondary students on 13/07/2019. One faculty and 19 students from different schools attended the workshop. Workshop on 'Robotics' was handled by Mr. Varghese Benny.



- An Orientation Program has been conducted by mini placement cell of ECE department in association with IEDC, VICET for S1 students on 01/08/2019. Mr. Jacs Job Pottas, CEO, Pot Devices and Systems (2012-16 ECE Batch) shared his experience of starting a company



- One day workshop on "ARDUINO for Absolute Beginners" for plus two students of Technical Higher Secondary School, Muttom was conducted on 3/08/2019. Workshop was handled by Rahul Sathyan, Alan Jose, Harisankar S and Anjith P N, students of S5 ECE.
- Workshop on "Arduino-Beginner to Pro" was conducted for S5 ECE students from 1/8/2019 to 3/8/2019 by Mr. Varghese Benny of Rabbit

square.

- Workshop on "Design and Development" was conducted for S5 ECE students from 9/8/2019 to 10/8/2019 by Tru Tech Technologies.
- Two day Workshop on "PCB Fabrication" for S3 ECE students was conducted by Mr. Varghese Benny, Rabbit square on 20th and 21st August 2019.
- An expert talk on "Ethical Hacking" was given by Mr. Varghese Benny, Rabbit square for S1 ECE students on 22nd August 2019.
- A motivational talk was given by Mr. Delwin Joseph, Digital core Technologies and Mr. Basil Abraham, VVDN Technologies for S7 students on 26/8/2019.
- A technical talk on "VANET" was delivered by Mr. Basil Baby, Asst. Prof. CSE Dept. VICET for S5 ECE students on 27th August, 2019.
- Workshop on "Embedded Systems and IOT" was conducted for S7 ECE students by Mr. Varghese Benny, Rabbit square from 28/8/2019 to 30/8/2019.
- Workshop on "Electronic Product Building" was conducted for S5 ECE students on 30th and 31st August 2019 by Rabbit square.
- Workshop on "PCB Design" was conducted for S1 ECE students from 9/8/2019 to 10/8/2019 by Mr. Krishnendu K. Asst. Prof. ECE Dept. VICET.
- A Technical talk was delivered by Dr. Riboy Cheriyan, Prof.& HOD, Department of ECE, SAINTGITS College of Engineering, Pathamuttom on CPLDs Vs FPGA on September 24th 2019.
- An expert talk on "Reconfigurable Antenna" was given by Mr. Naveen Jacob PhD scholar and Associate Professor, ECE Dept., VICET for S5 ECE students on 9th October 2019.
- An Intra Departmental Technical Quiz was organized by the Quiz & Debate Club of ECE Dept. on November 13th 2019.
- An Alumni Interaction Program has been conducted by Mini placement cell of ECE department on 23/11/2019 for S7 ECE students on "Tips for getting

placement in Core Companies" by Delin Paul Augustine and Renju Kuriakose ,Senior Project Managers, Robert Bosch, Coimbatore



- **Workshop** on "Android Application Development" was conducted for S6 ECE students from 24/01/2020 to 25/01/2020 by Rabbit square .
- **Workshop** on "Digital Marketing" was conducted for S8 ECE students on 5th February, 2020 by Rabbit square
- **A technical talk** was delivered by Dr. Riboy Cheriyan, Prof. & HOD, Department of ECE, SAINTGITS College of Engineering, Pathamuttom on recent trends in the field of communication on 6th March 2020



DEPARTMENT OF IT

- **Technical Talk** on "Open Source Software's" Sponsored by Spectrum InfoTech, Ernakulum was taken by Mr. Amal Mathai, Redhat Academy in Association With Spectrum InfoTech, Kochi , for S3 IT students on 19/08/2019 organized by Mr. Prince Kurian



- **Hands on Program** on "3D printer and Vinyl Cutter" in FAB Lab (R&D) by Mr. Prince Kurian, AP , IT Dept., VICET for IT Students on 03/09/2019
- **Technical talk** on "Machine Learning" was taken by Ms. Diana Baby, AP, IT Dept., VICET for S7 IT Students on 30/09/2019
- **Interactive Session** on Project Development & Project Execution in Software Industry in association with Institute Interaction Cell of VICET, was taken GokulRaj.M.A, Software Engineer, Project Trainer, exped Software LLP , Smart City, Kochi for S7 IT students on 21/10/2019 organized by Ms. Salini Dev.PV



- **Invited talk** on "Applications of Multimedia in Cinema" taken by Mr. Arun Boss, (Cockroach n' Cocktail, Chennai) for S7 IT students on 01/11/2019 organized by Ms. Anju Susan George (HoD, ITD)
- **Workshop** on "ADRUINO using PYTHON" conducted by Dr. Sheela.V.K for S7 IT Students on 01/11/2019
- **Technical Talk** on REACT Development Association with Institute Interaction Cell & R&D of VICET was conducted by Manu Cherian, CEO & Founder, REVAC SOLUTIONS PVT LTD, KOCHI, for S5 IT students on 06/11/2019 organized by Ms. Diana Baby and Mrs. Ann Preetha Jose



- **Workshop** on Ergonomics in IT Industry (as a part of IT Association Activity) by Mr. Manoj Thomas, Lead APAC .

Kochi (ESHS) for Coordinated by T Students Dr. Sheela.V.K on 07/11/2019

- **Technical Talk** on "Entrepreneurial Concepts of Engineering" was taken by Mr. Ajay Basil Varghese, Nodal Officer, IEDC Cell, Adisankara Institute of Science & Technology for S1 IT students on 08/11/2019 organized by Ms. Juliet.A.Murali



- **Competition - Idea Fest** in association with IEDC, VICET evaluated by a Team from ITD VICET (Mrs. Anju Susan George, Mr. Prince Kurian, Dr.Sheela.V.K) on 14/11/2019
- **National Webinar FUTURE OF TECHNOLOGY AFTER COVID 19** Sessions Handled by Imperative Transformation in Employer & Employee after Covid -19: Dr. Biju Paul, Associate Professor, IT and Placement Officer, RSET, cochin Revamping Technology Bussiness after Covid 19 - Dr. Vinodh, P,Vijayan, Professor & Head CSE, Mangalam College of Engineering , Kottayam for Faculties in VICET and Student on 29.05.2020 organized by Ms. Juliet .A. Murali

AWARDS RECEIVED

- **Ms. Diana Baby** Secured best paper award for the paper "Leukocyte Sub Type Identification using Spline Interpolation and Graphical Analysis" International Conference-ICCIDD 2020, June 2020

DEPARTMENT OF ME

- A five day KTU funded FDP was conducted by Department of Mechanical Engineering in association with Centre for Research and Development, VICET, on "Tools, Techniques & Models for Scientific Research" from 22- 26 July, 2019.



- A two day **International Seminar** was conducted by Department of Mechanical Engineering in association with Centre for Research and Development, VICET on "Materials: Engineering for Sustainability" from 29- 30 July, 2019. Prof. Dr. Rajan Ambat from Division of Materials and Surface Engineering, Technical University of Denmark inaugurated the seminar.
- **Five day Short Term Training Program** on "Programming and Operation of Computerized Numerical Control Lathe" was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET from 15-19 July 2019



- **Expert talk** on "Nuclear Power" For ME Students at MBA Seminar hall was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET from 19th September 2019
- **One day Workshop** on "Practical Physics" for plus two students was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 19th October 2019



- **Two days technology enrichment program** , "Gyanoday'19" for plus two students was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 31st October 2019 - 01st November 2019
- **Webinar on "3D Printing and Medical Applications"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 15st June 2020
- **Webinar on "Fuel Cells – Energy of the Future"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 16st June 2020
- **Webinar on "Hints for writing a research Paper"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 19th June 2020
- **Webinar on "Role of Mechanical Engineer in Society Development"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 19th June 2020
- **Webinar on "Laser Surface Modifications (Additive Technology) & Design Outlook in an Industry (HMT)"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 23rd June 2020
- **Webinar on "Wheeled Mobile Robotics – Path Planning and Control"** was organized by Mechanical Engineering Department in association with Centre for Research and

Development, VICET on 24th June 2020

- **Webinar on "Role of Operations and Supply Chain Management in the Uncertain World"** was organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET on 01st July 2020
- **International Symposium Department of Mechanical Engineering and Senior Experten Service (SES), Germany jointly organized "1st International Symposium on Innovative Engineering Paradigms" from 3rd- 21st December 2018, Resource person: Mr. Ralph Schnieder, Germany**

DEPARTMENT OF S&H

- **A webinar was organised by S&H dept, on the topic "Importance of well being in the time of COVID 19 pandemic", Resource person, Mr.Dennis Thomas, (Vice President,L&D,ESAF, on 30-6-2020**



2018-19

Seminars / Workshops conducted

Department of Civil Engineering

An International Conference was organized by Mr.Daniel A.V & Ms.Soorya R(AP,CED,VJCET) in association with IMS,IGBC,IGS & SEC on "Emerging Vistas In Civil Engineering"on October



26th & 27th, 2018.

A Motivational talk was taken by Ms.Soumya Mathew(AP,CSE,VJCET),for first year graduates on 30/7/2018.

An "Inspirational talk on Startup Ventures" was taken by Mr.Tigil Thomas(CEO,CREO Homes) for Final year students on 3/8/18.

A Talk on "Civil Engineering career options" was taken by Ms.Shine George(HOD,CED,VJCET),for S3 CE students in association with III cell on 4/8/18.

A Talk on "Quantity Surveying & Estimation softwares" was taken by Mr.Sachin P Sathyan (Matrix IES, Muvattupuzha) in association with IEDC,for final year students on 7/9/18.

A Talk on "Geo-Hazard" was taken by Prof. Balu

E.George (MACE, Kothamangalam),for final year students on 14/9/18.

A Talk on "Quality control &Construction of Highways" was taken by Prof.Bybin Paul(MACE,Kothamangalam) for final year students on 28/9/18.

An awareness class for GATE exam was taken by Mr.Sanjay A.S & Mr Ashish Balu(Rubix Academy,Muvattupuzha) for final year students on 29/9/18.

A Talk on "Auto CAD for future" was taken by I CAD,Muvattupuzha for final year students on 5/10/18..

A Talk on "Ocean and Coastal Engineering-A key to future" was taken by Ms.Jiya Albert(Research Scholar @ IIT Kharagpur,Alumni) for final year students on 31/10/18.

Orientation Program on Gate coaching was taken by Class Academy for S4 CE A students on 12/2/2019.

Experience sharing Program was taken by Mr.Jayanthan K .N of S4 CE B on PSS 2K19 for S4 CE B on 15/2/19.

A Technical talk on "Fukushima – Beyond Indian Scenario" was taken by Mr.Harikumar C (IGCAR,Kalpakkam) in Association with III Cell for Final year students on 19/2/19.



A Technical talk on "Opportunities in Space" was taken by Mr.Sasi Bhooshan in Association with III Cell for S4,S6 & S8 on 22/2/19.



An Interaction session was taken by Mr.Paul Peter of I CAD, Muvattupuzha for final year students on 22/2/19.

A Technical talk on "Value Engineering" was taken by Mrs. Anita Lukose & Mr. Abraham P in Association with III Cell for selected Civil Engineering Students.



A Talk on "Introduction to Graphics study App" was taken by Mr.Anand Rajagopal for S2 CE A & B students on 27/2/19.

Placement Training Activities were taken by Placement cell for s2 CE A & B students on 25th march -27th march 2019.

An Orientation program on Varthapathi was arranged by IEDC for selected 5 Students on 30/4/19.

Department of Computer Science & Engineering

One week FDP on Frontiers of Computer Applications 16th July -20th July 2018

One week workshop on Frontiers of Computer Applications was organized by CSE Dept of VJCET at R&D Seminar Hall in association with ISTE and R&D. The session was taken by different resource persons from various engineering colleges and from our college itself. After the completion of this session faculties are aware of latest trends in Computer Science.

Resource Persons are

Dr.Reshmi N G (Faculty, Muthoot Institute of Technology & Science)

- Mr.Baazil Thampi (Rubix Academy)
- Dr.K N Ramachandran Nair (HOD CSE,VJCET)
- Dr.Anishin Raj M M (Faculty, VJCET)
- Dr.Karthikeyan B (Faculty, VJCET)
- Mr.Shibu K R (Faculty, VJCET)
- Mr.Jobin Jose (Faculty, VJCET)
- Mr.Basil Baby (Faculty, VJCET)
- Mr.Dona Jose (Faculty, VJCET)
- Mr.Andrews Jose (Faculty, VJCET)
- Mr.Prince Kurian (Faculty, VJCET)



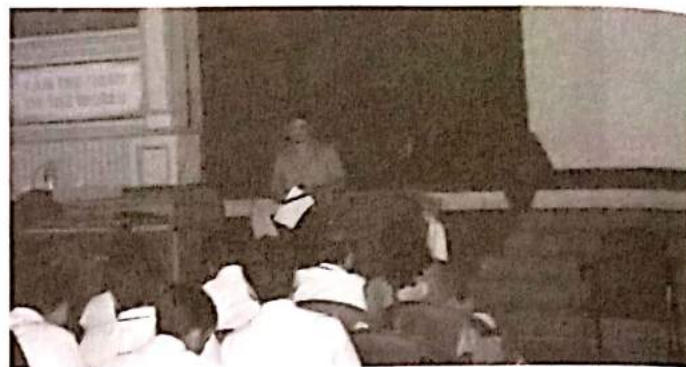
Technical Talk "SOFTWARE ENGINEERING - INDUSTRY PERSPECTIVE"

A technical talk on Software Engineering from industry perspective was organized by CSI Student chapter of VJCET at main auditorium. The session was taken by Mr. Arun Narayan, TCS SEZ Infopark. Real time project development scenarios were demonstrated. After the completion of this session students are aware of latest trends in Software engineering



Technical Talk "Design Thinking"

A technical talk on Design Thinking was organized by CSI Student chapter of VJCET at main auditorium. The session was taken by Mr. Anil G, TCS SEZ Infopark. Real time design thinking scenarios were demonstrated. After the completion of this session students are aware of Design Thinking Technology.



Motivating Talk "Personality Development"

The CSI Student Branch of Viswajyothi College of Engineering and Technology, Vazhakulam, has conducted a Motivating talk titled "Personality Development" on 4th, October 2018 for the students of 3rd semester CSE. The programme venue was the Seminar Hall-PTC. The speaker was Mrs. Grace Lal, Psychologist and motivational speaker from Kottayam.



Technical Talk on "Internet of Things"

The CSI student branch of Viswajyothi College of Engineering and Technology conducted a Technical talk on Internet of Things on 10th October 2018. The programme venue was R&D Computer Lab. Mr. Naveen Antony, Pantech Solution handled the session.



Technical Talk "Latest Trend in Digital"

A technical talk on Latest Trends in Digital was organized by CSI Student chapter of VJCET at main auditorium. The session was taken by Mr. Sreekumar Ramakrishnan, Business Consultant, TCS SEZ Infopark. Real time project development scenarios were demonstrated.



SES- INTERNATIONAL SYMPOSIUM ON DATABASES 3-10 DECEMBER, 2018

SES EXPERT

Mr. Jurgen Gau, Senior SES Expert

Main Objective

- To understand the latest trends and innovations in the area of NoSQL Databases for the development of Social Network/ Machine Learning related software development.
- To enable the delegates to develop new applications for startups in the latest arena of computer science.



One week Faculty development Program "Embedded systems and data mining"

A one week Faculty Development Program on Embedded systems and Data Mining was organized by CSI Student chapter of VJCET in association with Department of Computer Science and Engineering at R&D Seminar Hall of Viswajyothi College of Engineering and Technology, Vazhakulam from 10-01-2019 to 16-01-2019. Faculties from various Engineering colleges all over Kerala were participated in the FDP. The FDP was taken by eminent resource persons from various institutions.

Resource Persons are

- **Dr. Aji Joy** (Associate Professor, Dept. ECE, Mar Athanasius College of Engineering, Ernakulam, Kerala)
- **Dr. Anand H S** (HOD, Dept. CSE, Muthoot Institute of Technology & Science, Ernakulam Dst, Kerala)
- **Dr. Resmi N G** (Assistant Professor, Dept. CSE, Muthoot Institute of Technology & Science, Ernakulam Dst, Kerala)
- **Ms. Sreenu G** (Assistant Professor, Dept. CSE, Muthoot Institute of Technology & Science, Ernakulam Dst, Kerala)



Motivational Talk on "What after B.Tech", for S8 CSE by Mr.Baazil Thampy, Research Scholar, CUSAT



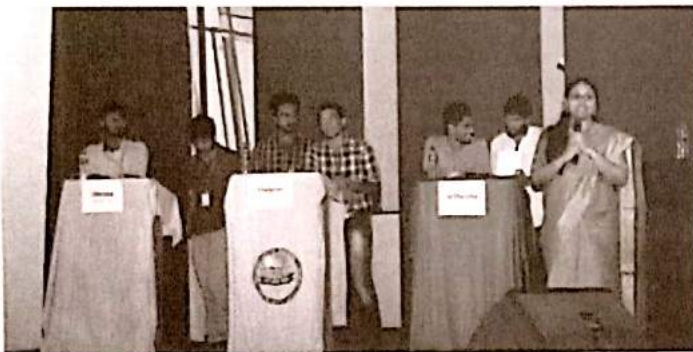
Invited Lecture on "Internet of Things"



Server side operations and Linux administrations for S2 CSA & CSB by Mr. Tony Tomy, System Engineer TCS



Prayudh'19 Intercollegiate Quiz Competition by CSI



Workshop on Recent Application Developments and Trends in IT Sector for S6 CSE by Mr. Fayis, CEO, BITSFORGE Technology, Kochi



Hands on session on "GIT Version Control System"

The CSI Student Branch of Viswajyothi College of Engineering and Technology, Vazhakulam, has conducted a Hands on session titled "GIT Version Control systems" on 01-04-2019 and 03-04-2019 for the students of 4th semester CSE. The programme venue was R&D Computer lab. The resource person was Mr. Balu M N, Final year B.Tech CSE student. Git is a distributed revision control and source code management system with an emphasis on speed. Git was initially designed and developed by Linus Torvalds for Linux kernel development. Git is a free software distributed under the terms of the GNU General Public License version 2. This Hands on explains how to use Git for project version control in a

distributed environment while working on web-based and non web-based applications development.

CSI STATE LEVEL STUDENT CONVENTION 2019- KERALA STATE

Computer Society of India, Viswajyothi College of Engineering and Technology, Ernakulam, Kerala-CSI student branch has organized the state level student convention for Kerala state at its campus on 12th March 2019. The Convention was aimed at bringing together the students from various colleges of Kerala and to provide a platform to broaden their horizons. The inauguration ceremony was graced by eminent personalities and office bearers of the Computer Society of India. . Prof. (Dr.) B. Kannan, Chairman of CSI Cochin Chapter was the chief guest for the occasion.

Around 300 participants were registered and participated in the events from various engineering colleges all over Kerala. Various student activities as inter college competitions were organized in this convention such as code hunt, blind coding, gaming contest and various workshops. Workshops topics are Bug Boundy and about drones. These workshops are carried out by different resource persons with high experience in each area. Winners of competition were awarded by cash prizes and certificates.



Spin 2K19 26 04 2019



Intercollege Technical Fest on "Bodhi 2K19"

The objective of the programme to promote technology and scientific thinking and innovation,

To enhance the technical aptitude of the students and give them a practical exposure of the real time projects/situations.

The Department of Computer Science and Engineering has conducted various events in the Inter College Technical Symposium "Bodhi 2K19" on 20th and 21st March 2019 . The technical events organized by the Department of Computer Science include coding contest,



hiring contest, mini fair contest and so many other events.

The technical fest Bodhi 2K19 Enables the institution to bring together the students from various colleges, Promote innovative ideas and allow students to share their knowledge and ideas with other students and also Provide information on the different fields of study



Department of Electronics & Communication Engineering

WORKSHOP ON DISCRETE COMPONENT DESIGN

Two days workshop on "Discrete Component Design" was conducted by Er. Antu Dominic, TrueTek World, for S5 EC students on 14th August and 3rd September 2018.

WORKSHOP ON PCB DESIGN AND MANUFACTURING

One day workshop on "PCB Design and Manufacturing" was organized by ISTE student chapter and ECE Dept. on 8th September 2018. 30 students from ECE, EEE and IT Departments participated for the same.

WORKSHOP ON INTRODUCTION TO ARDUINO BOARD

IETE students forum of VJCET conducted a one day workshop on 'Introduction to Arduino Board' for the 1st year ECE students on 8th Sep. 2018. The

session was handled by Mr. Manu Jose, AP, ECE Dept., VJCET.

ZEALOUS '18

The association of ECE Department, Zealous '18 was inaugurated on 4th October 2018 by Mr. Shalu Thomas, CEO Digitalcore Technologies Pvt. Ltd. A Talk on "Career Opportunities in Embedded Systems" also was given. A Technical Quiz Competition also was conducted by the Quiz and Debate Club of ECE Department in association with the ECE Association Inauguration. Ms. Aleesha Mariam Chacko and Mr. Sreehari S of S7 ECA were the Quiz Masters



DRONE WORKSHOP

One-day 'DRONE WORKSHOP' was organized by the Drone Club of ECE Department on 20/10/2018. 25 inter-department participants got an exposure to drone configuration, calibration, assembling and field training. Mr. Abraham George and Mr. Francis Rohan John of S7 ECE B handled the hands on sessions.



FACULTY DEVELOPMENT PROGRAMME ON DIGITAL FABRICATION

ISTE & IETE chapters of VJCET in association with Kerala Startup Mission & Fablab Kerala conducted a Faculty Development Programme on Digital Fabrication – Fablab from 18th to 21st Oct. 2018.



ALUMNI INTERACTION

Ms. Elizabeth James (2011 - 2015 Batch A), SOC Design Engineer, INTEL TECHNOLOGY INDIA PVT. LTD shared her industrial experience with the third and final year students on Friday, 01-11-2018. She strongly recommended the students to give more importance to Internship.

FLAG BEARER'S MEET

An interaction with alumni was conducted on 6th November 2018. 8 alumni working in electronics core companies addressed the gathering and almost 45 students attended the program. They recommended to study basic electronic subjects like digital electronics, circuits, DSP, Radiation & propagation etc. to get placed in core companies. They also suggested to do Mini project & Main project in house so that the students can master those areas.



FABLAB TRAINING

ISTE & IETE chapters of VJCET conducted a two day workshop on Digital Fabrication –Mini Fablab for the final year ECE & EEE students on 5th & 6th Nov. 2018. The sessions were handled by Mr. Jomu M George (AP, EEE), Mr. Krishnendu K, Ms. Priya G. L., Ms. Minu George, Ms. Mary Nirmala George, Ms. Merlin Thomas.



IDEA FEST

The Intercollegiate Project Idea Presentation, Idea Fest was conducted on 15th November 2018. 7 groups from MACE and VJCET participated.

TECHNICAL TALK ON INTRODUCTION TO SPEECH PROCESSING

A Technical Talk on "Introduction to Speech Processing" was given by Dr. Rajesh Cherian Roy, Professor, Adi Shankara Institute of Engineering Technology on 15th November, 2018 for S5 students.

WORKSHOP ON IoT

One day workshop on "IoT" was conducted by Pan Tech Pro Pvt. Ltd on 17th November 2018 for S7 students.

FACULTY DEVELOPMENT PROGRAMME

A one week FDP on 'Computer Architecture & Data Communication' was conducted from 17/12/18 to 21/12/2018. 21 participants from VJCET and other colleges got an indepth exposure to different areas of Computer Architecture & Data Communication.



HEARTIAN EDU EXPO 2019

The Department of ECE had participated in the Heartian Edu Expo 2019(16th - 20th January, 2019) at Sacred Heart College, Thevara, Kochi, which was organized on the occasion of their Platinum Jubilee Celebrations. Varghese Benny (2014-18 ECE B Batch), staff members Manu Jose, Ranjini Surendran and Jekson George had represented the department in the Exhibition. The team won **FOURTH** position (Certificate and Cash Prize of Rs. 2,000/-) from among a total of 26 team set up by different technical institutions. Special appreciation to the efforts taken by Minu George, Thankachan P J, Denny Joseph and Shiju Jose.



EXPERT TALK ON COMMUNICATION NETWORKS

An expert talk on "Communication Networks" was given by Mr. Raghunath M D, Sub Divisional Engineer (NSS), BSNL Mobile Services on 20/2/2019. He explained about the evolving infrastructure and connectivity technologies that are being developed to meet the demand for increased capacity and speed.

TECHNICAL TALK ON ARTIFICIAL INTELLIGENCE

IETE Students Forum conducted a Technical talk on "Artificial Intelligence" by Mr. Ramesh C R , Assistant Professor, Vidya Academy of Science & Technology, Thrissur on 22/2/2019.

WORKSHOP ON ROBOTICS & FABLAB

One Day workshop on "Robotics & FABLAB" was conducted for higher secondary students of Cooperative Public School, Thodupuzha, De Paul Public School, Thodupuzha and HSS, Koothattukulam on 2nd March 2019.

EXPERT TALK ON NETWORK ON CHIP

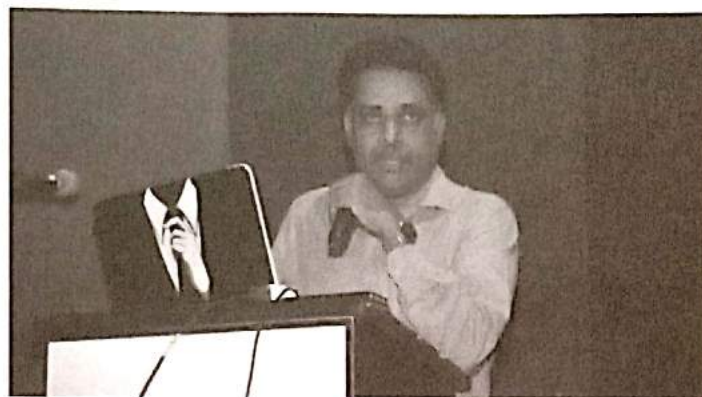
An expert talk on "Network on Chip" was given by Dr. Simi Zerine Sleeba on 13/03/2019. The inter core communication within a chip was described in detail.

TECHNICAL TALK ON NANOTECHNOLOGY DEVICES

A technical talk on "Nanotechnology Devices" was conducted on 5/4/19. The talk was delivered by Dr. Robin Joyce, Assistant Professor, Saintgits College of Engineering and Technology.

MOTIVATIONAL TALK

A Motivational talk was given by Ms. Catherine George, VVDN Technologies Pvt. Ltd, Kochi, Kerala for S8 ECE students on 5th April 2019. It was organized by the Mini Placemnt Cell of the department which has actively involved in the placement activities in core companies with the help of alumni.



WORKSHOP ON ANDROID APPLICATION DEVELOPMENT

2 day Workshop on "Android Application Development" was conducted for S6 ECA students on 29th and 30th March 2019 and the same was conducted for S6 ECB students on 5th and 6th April 2019.

MALEKUDY ENDOWMENT LECTURE SERIES

MalekudyEndowmentLecture Series of the academic year 2018-19 was hosted by ECE Department on 26th April 2019. The lecture was delivered by Dr. Saji Gopinath, CEO, Startup Mission, on "Leading in a world of Disruption: The exchange role of entrepreneurship and startups".

Malekudy Endowment Lecture Series was instituted by the management and staff of VJCET as a token of gratitude to Rev. Fr. Thomas Malekudy, the first President of Diocesan Technical Education Trust and Founder Manager of the college. This is intended to be an ideal platform for the students for academic discussions on a topic of current relevance.



VLES '19

11th National Conference on "VLSI, Signal Processing & Communication", organized by the Department of Electronics and Communication Engineering was conducted on 9th and 10th May 2019. Dr. Neelakantan P C, Principal, Muthoot Institute of Technology and Science inaugurated and chaired the conference. Around 36 papers were presented in the conference.



Department of Electrical & Electronics Engineering

A faculty Development Programme was conducted on "Advancement in Electrical Machines and Industrial Automation" from 25th to 30th June 2018. The program was coordinated by Dr.K.K Rajan and Mrs. Seethamma George.



10th Seminar Series 2019

Department has organized '10th Seminar Series 2019' conducted by KSEB Engineers Association on 26th November 2018 which was coordinated by Mrs.Seethamma George and Mr.Babu T Chacko.



USE OF ELECTRICITY: SAFETY AND ENERGY EFFICIENCY

The department organized a one day Seminar on 'USE OF ELECTRICITY: SAFETY AND ENERGY EFFICIENCY' for house wives as a part of social commitment on 6th JULY, 2018. The programme was coordinated by Ms.Breeza Paulose and Ms.Neena Alex



National Seminar

A 2 day National Seminar on 'Advancements in Power System Technologies' was conducted on 5th and 6th April 2019 in which Mrs.Smitha Jacob and Mrs. Jis Jose were the coordinators.



IoT challenge

The Department of Electrical and Electronics engineering coordinated IoT challenge by National level hands on workshop, preliminary selection for the IoT challenge 2019 at IIT Bombay. The program was coordinated by Mr.Sharone Varghese and Mr.Jomu M George

- Technical Talk on Electric Power Flow, the fundamentals by Er.Joby James Assistant Engineer, KSEB on 26 November 2018 for S3 EEE A and B.
- Technical Talk on New and Renewable Energy Sources by Er.Arun Kurian, Assistant Engineering Manager, Larsen & Turbo ECC, Chennai on 2nd November 2018 for S5 EEE
- Technical Talk on MEP training by Er.Akhilesh Kumar ,CEO,MTTC, Ernakulam for S7 EEE A and B students as a part of alumni interaction.
- Technical Talk on 'Development of level sensors for Lead lithium systems – a research project' by Dr,K.K Rajan, Dean IIC, and Professor EEE Department, VJCET, on 16th October 2018 for S7 EEE.
- Technical Talk on 'Kaiga Nuclear Power Station: An Overview' by Dr,K.K Rajan, Dean IIC, and Professor EEE Department, VJCET, on 15th October 2018 for S5 EEE A.
- Technical Talk on 'Introduction to Nuclear Power' by Dr,K.K Rajan, Dean IIC, and Professor EEE Department, VJCET, on 5th September 2018 for the students of civil Engineering.
- Technical Talk on 'Introduction to Nuclear Power' by Dr,K.K Rajan, Dean IIC, and Professor EEE Department, VJCET, on 3rd August 2018 for the students of Mechanical Engineering.
- Talk on "Power system analysis "by Mr. Mohan George , Asst. Engineer, KSEB for S6 EEE students. On 5th February 2019.

- Talk on "Energy conservation and renewable energy" by K P Kesavan Nair IGCAR, for S7 EEE students on 13th March 2019.
- Talk on "Introduction to MEP" by Mr. Akhilesh Kumar C for S7 EEE students on 23rd February 2019.

Department of Information Technology

National conference

Department has organized a National Conference on "Latest Trends in Engineering Computational Methods" was conducted on March 19th 2019. 11 papers were published in this conference. Conference was chaired by Dr. Jubilant. J. Kizhakethottam, Professor and Head, Department of Computer Science Saintgits College of Engineering Kottayam. The program was coordinated by Dr. Sheela V.K



National seminar

Department has organized a 2 Days National Seminar on "Computer Networking: Scopes and Challenges in Engineering & Technology" was conducted on 14th and 15th of March 2019, which was coordinated by Ms. Salini Dev P.V.



A workshop on ADRUINO using PYTHON was handled by Mr. Krishnendu. K., Asst. Professor, EC E Department, VJCET on 15/10/2018



A seminar on "Machine learning" was conducted for the students of S7 IT by Mr. Prince Kurian, Assistant Professor, IT Department, VJCET on 14/11/2018 in association with CSI and ISTE



An expert talk on "Introduction to MATLAB" was taken for the students of S7 and S5 IT by Dr. Karthikeyan B., Associate professor, IT Department, VJCET on 16/10/2018



An expert talk on " Research challenges in MANETS " was conducted for the students of S7 IT by Mr. Basil Baby, Assistant professor, CSE Department, VJCET on 23/11/2018 in association with R&D and ISTE



A technical talk on "Software Engineering - Industry perspective" was conducted for S7 IT students by Mr. Arun Narayan, (TCS, Kochi) on 25/09/2018



A technical talk on "Latest trends in Digitals" was conducted for S3 IT students by Mr. Sreekumar Ramakrishnan, (TCS, Kochi) on 26/11/2018

A technical talk on "Latest trends in Digitals" was conducted for S3 IT students by Mr. Sreekumar Ramakrishnan, (TCS, Kochi) on 26/11/2018.

An invited talk on "Applications of Multimedia in Cinema" was conducted for S5 IT students by Mr. Arun Boss, (Cockroach n' Cocktail, Chennai) on 15/10/2018.

An Expert talk on "Introduction to Sales force CRM(Customer Relationship Management) software" for S8 IT & S6 IT On 26/3/19 By Ms. Arniya Varaghese, Software Engineer, Infosys Mysore.[Alumna, 2013-17 batch, IT]

An Expert talk on " Database management using Devops" for S4 IT on 14/3/2019 by Mr. Dias Baby, Senior Tech Lead, Mindcurv Solutions Pvt Ltd, Cochin Kerala.[Alumnus, 2001-2005 batch, ECE]

An Expert talk on " Website Development " for S8 IT on 28/3/2019 by Mr. Josemon Mallackal, CEO, ZIXENT TECHNOLOGIES [Alumnus, 2009-2013 batch,IT]

Department of Mechanical Engineering

PUNARNAVA18

(Annual Staff Training Program)

Department of Mechanical Engineering is organized knowledge enrichment short term training programs (CAD/CAM, Metallurgy & Material science) for Mechanical department staffs on 23rd to 27th July 2018. Mechanical Engineering department aims to play a pivotal role in the development of intellectual and professional competence of the faculties. Also initiating continuous learning process among the faculty members

GYANODAY - 18

Mechanical engineering Department conducted a Technology enrichment program for school students on 31st July 2018 & 1st August 2018 at CAD lab. The programme was coordinated by Mr. Vinoj K – HOD, Mr. Ullas K, Mr. Nixon George, Akhil Raj P.R.

Udyōga'18

TECHNOLOGY ENRICHMENT PROGRAMS FOR KUDUMBASREE OFFICIALS-AVOLY GRAMAPNCHAYATH

Department of Mechanical Engineering is organized a technology enrichment programme for Kudumbasree officials from Avoly gramapanchayath on 2nd August 2018 at ME CAD lab. Programme Convener: Mr. VinojK, Coordinator: Mr. Akhilraj P.R, Resource Persons: Akhil Raj P R, Nixon George.



"Introduction to Nuclear Power"

Department of Mechanical Engineering is organized an expert talk on Introduction to Nuclear Power for S5 ME students. This talk emphasis on introduction to nuclear energy and its applications. Nuclear energy is energy in the nucleus (core) of an atom. Atoms are tiny particles that make up every object in the universe. There is enormous energy in the bonds that hold atoms together. Nuclear energy can be used to make electricity. But first the energy must be released. It can be released from atoms in two ways: nuclear fusion and nuclear fission. In nuclear fusion, energy is released when atoms are combined or fused together to form a larger atom. This is how the sun produces energy. In nuclear fission, atoms are split apart to form smaller atoms, releasing energy. Nuclear power

plants use nuclear fission to produce electricity.

Resource Person was Dr. K K Rajan, Dean Industry Institute Interaction Cell VJCET. The staff coordinator of the programme was Mr Martin Jose, Assistant Professor MED.

MAGNA 2018

Mechanical Engineering Students' Association inaugurated by Dr. Madhusudanan Pillai V, Professor and Head in the School of Management Studies, NIT Calicut on 17th September 2018 at main auditorium. The Mechanical Engineering Students' Association of VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, aims to play a pivotal role in the development of students as engineers by various out-of-curriculum and extracurricular activities. It aims to inculcate among its members an awareness and appreciation of the various disciplines of not just Mechanical Engineering but also other relevant fields. By way of its activities MAGNA aims to be a platform for all the students in general and particularly of the students of ME department and seeks to be an active organization of the ME department which promotes their career interests



ISHRAE STUDENT CHAPTER

ISHRAE student chapter of MED VJCET organized a technical talk on Basics of Air Conditioning Systems & Job opportunities in HVAC on 19th September 2018. Professional bodies play an important role in developing the hidden talents in

students by exposing them to various activities like participation in technical expos, various technical competitions, seminars, workshops etc. The installation of ISHARE student chapter increases the visibility of the students to the outside technical world, by giving them more chances to be placed in a good technical field. The talk aims at giving awareness to the students about the various aspects of HVAC systems



"Environmental Problems of Today and How to Tackle?"

Department of Mechanical Engineering is organized an expert talk on "Environmental Problems of Today and How to Tackle?" for S1 ME students on 23rd October 2018. The Resource Person was Dr. Sahju Thomas, Rtd Prof, Dept of Zoology Nirmala College. Many environmental problems are man-made, stemming from improper disposal of hazardous materials and fossil fuel emissions. These environmental problems are serious, but can be tackled by making simple, eco-friendly choices. Today, our planet is suffering from several complicated situations among which environmental issues are the most important and dangerous ones. Today water, air, soil and everything is polluted. Because of the increasing population and the irresponsible behaviour of humans, the environmental conditions are becoming worse day by day. If not taken care of in time it may end up with the destruction of our planet. This talk emphasis on

various environmental problems our planet is facing today and how to tackle this situation. The programme coordinated by Abraham Antony Asst Professor MED.

Training on PLC

Robotics Club of Mechanical Engineering Department organised for final year ME students on 23rd October 2018. The resource persons from Recode Innovations Muvattupuzha. A one day workshop on PLC- Programmable Logic Controllers, is dedicated to provide opportunity for students to understand the basic automation process. We would like to organize this Workshop for our final year Mechanical students. This program will provide the students with basic PLC programming concepts and logics.

Workshop on Fusion 360 software

Department of Mechanical engineering organized a workshop on Fusion 360 software for S7 ME students, Resource persons from BIMT Ernakulam. This programme aim to develop basic knowledge about Fusion 360. And familiarise all students with various tools in Fusion 360.

Department of Mechanical engineering organized a workshop on Fusion 360 software for S7 ME students on 16 & 17th August 2018. Resource persons from Interacad Trivandrm. This programme aim to develop basic knowledge about Fusion 360. And familiarise all students with various tools in Fusion 360.

"Cyber Security"

Mechanical engineering association organized a expert talk on "Cyber Security" for all mechanical engineering students on 7th November 2018. Resource person was Mr. Thalhath PM, Cyber cell officer Aluva. The programme coordinators was Mr. Shajan PJ, Mr. Shaiju EG.



Alumni Talk on "Marine Engineering"

Mechanical engineering department and Alumni association VJCET jointly organized a Alumni talk on "Marine Engineering" for S5 & S7 students on 12th November 2018. Resource person was Mr. Mathaikutty Sunny, 3rd Engineer, Anglo Eastern Ship Management Ltd. The talk aims at giving awareness to the students about marine engineering. Basically it will be a brief description about the basic processes that occur in the field of marine engineering. Also, the talk aims at giving the students an overview about the different job prospects and higher studies that exist in the field of marine engineering.

'AUTOMOTIVE ELECTRONICS 2020'

Mechanical Engineering Department in association with SAEINDIA organised a Lecture Meet on "AUTOMOTIVE ELECTRONICS 2020". The resource persons was Mr. Kasiraja Thangapandian, Software Project Manager, Visteon Technical and Services Centre Pvt Ltd, Chennai and Joint Secretary of SAEINDIA Southern Section. The programme coordinator was Mr. Eldhose Kurian, Asst. Professor MED. Professional bodies play an important role in developing the hidden talents in students by exposing them to various activities like participation in technical expos, various technical competitions, seminars, workshops etc. It also increases the visibility of the students to the outside technical world, thus by giving them more chances to be placed in a good technical field. The student chapter aims at giving

awareness to the students about the role of professional bodies in engineering

1st INTERNATIONAL SYMPOSIUM ON INNOVATIVE ENGINEERING PARAGDIMS by SES

Department of Mechanical engineering and SES jointly organized international symposium on innovative engineering Paragdims on 3rd – 21st December 2018. The SES is Germany's leading volunteering organisation for experts and executives who are either retired or taking some time off work

At present, the SES has access to the knowledge and experience of over 12,000 experts from all professional spheres. Since 1983, the SES has completed more than 45,000 voluntary expert assignments in over 160 countries, with approximately a third of the placements being in Germany.

The main beneficiaries of the SES network's expertise are small and medium-sized businesses, public authorities, professional and business associations, social and medical facilities, and institutions which provide basic education or vocational training. In Germany, there is a special focus on supporting the development of young people at school or in training. All SES assignments follow the principle of helping people to help themselves. Their aim is to share knowledge and experience in order to improve other people's future prospects

Resource Person: Mr. RALPH SCHNEIDER

This SES expert has more than 20 years of professional experience in industrial design. In the course of his work he has acquired in depth skill in various production procedures, including laser technology.

He also has sufficient teaching experience, so he will be able to impart his skills to the local staff

without much difficulty. He will, therefore be able to provide essential support to the organisation in training the staff in handling and real life applications of laser technology.

Competence and experiences

- Industrial Design and Graphic Design,
- Special skills in drafting, freehand design, technical drawing, solid works and Rendering.
- Development of variety of products from Idea to production, CAD and model making.
- Skilled in manufacturing procedures like turning, grinding, Stamping, welding, laser cutting, 3D printing, deep drawing.
- Construction of models and prototypes, project management.

International experience:- worked with customers in Australia Singapore and India



"Modern trends in Coal – fired Thermal Power plants"

Department of Mechanical Engineering is organized an expert talk on Modern trends in Coal – fired Thermal power plants for S8 ME students. This talk emphasis on Modern trends in Coal – fired Thermal power plantsand its applications.Over the last hundred years, coal-fired thermal power plants have evolved from simple small capacity units, to complex large capacity (> 1000 MW) unit sizes. The talk explored

the latest trends in design and operation of coal-fired thermal power plants. Fuel sources, main equipment designs, operational philosophy, and environmental considerations were explored. It highlighted the synthesis of various basic subjects in the undergraduate Mechanical Engineering curriculum, such as Mathematics, Thermodynamics, Heat Transfer, Materials, Fluid Mechanics, Machine Design, in the conceptualization, design, and operation of thermal power plants. Software tools used in the industry for steady-state and dynamic modeling of thermodynamic systems were introduced for further exploration by students. Resource Person was Mr. Sushil Cherian, Co- Founder and Vice President, Kalki Communication Technologies Pvt Ltd, Kochi. The staff coordinator of the program me was Mr Rakesh Jose, Assistant Professor MED.

Alumni Talk on "Indian Coast Guard and its Technical Entities"

Department of Mechanical Engineering is organized an expert talk on Indian Coast Guard and its Technical Entities for S8 ME students. This talk emphasized on Indian Coast Guard and its Technical Entities and its applications. The talk aims at giving awareness to the students about Indian Coast Guard and its technical entities. The speaker aims to give a brief concept about ship design including the ship design procedures, design drivers, design constraints and various steps in ship design. Then he will talk briefly about ship construction. Also, the talk aims at giving the students an overview about the different job prospects and higher studies in ship building industry. Resource Person was Mr. Janoy Thomas, Deputy Commandant, Indian Coast Guard. The staff coordinator of the program me was Mr. Eldhose Kurian, Mr. Arun K.R & Mr. Roji Mathew.



Workshop on ALTAIR HYPERWORKS

Department of Mechanical engineering organized a workshop on ALTAIR HYPERWORKS software for S6 ME students, Resource person was Mr. Oommen Philip, Design Engineer Think Cogent Group. The workshop aims at giving awareness about the design and analysis software Altair Hyper works. The workshop aims at providing an insight into the design and analysis aspects and to familiarize the participants the use of software to solve various analysis problems. Few real life analysis problems related to structural, thermal and fluids will be also solved towards the end. After attending the workshop the participants will get an overall idea about the various analysis procedures and the use of software's to solve problems.

Inter college workshop on "INTRODUCTION TO ROBOTICS"

Mechanical engineering Association and IEDC Vjcet organized a workshop on INTRODUCTION TO ROBOTICS software for first year students, Resource persons was Varghese Benny, Founder and CEO Rabbit square. Staff Coordinator was Mr. Rakesh Jose, Assistant Professor, MED.

NATIONAL CONFERENCE ON EMERGING VISTAS OF ENGINEERING AND MANAGEMENT (NCEVEM'19)



Department of Mechanical engineering & Department of Civil Engineering jointly with Center for Research and Development, VJCET, organised the second National Conference On EMERGING VISTAS OF ENGINEERING AND MANAGEMENT (NCEVEM'19) ", during 29th -30th March 2019.

The Conference offered an excellent platform for researchers, academicians and entrepreneurs to showcase their work in the field of Engineering and Management, focusing on recent trends and advances in the arena of Civil Engineering and Mechanical Engineering. The Conference was an interdisciplinary forum for the researchers of different streams under one umbrella. There were invited talks of eminent academicians and technocrats followed by technical sessions for paper presentation and discussion on the latest advances in each discipline. The joint conference was structured as a plenary session with a key note address followed by parallel sessions of two different streams.

Keynote speakers were Dr. Athira P., Assistant Professor, IIT Palakad, Dr. Arun C. N, Assistant Professor, IIST, Thiruvananthapuram, Mr. V. S. Sanjay Kumar, Senior Scientist, NATPAC, Thiruvananthapuram, Dr. L. Godson Asirvatham, Professor, Karunya University, Coimbatore. Dr. P.

Sam Paul, Professor, Karunya University, Coimbatore .Dr. Mubarak Ali, Assistant Professor, TKMCE, Kollam, Mr. Able C Kurian, Scientist/Engineer, VSSC, Thiruvananthapuram



SKIP on Electric Vehicles and Technology

The SAE student club in the Mechanical Engineering department conducted a Student Knowledge Improvement Program (SKIP) on 'Electric Vehicles and Technology' on April 29 and 30 in association with SAEINDIA Southern Section. Mr. C Pradeep, M.E. (Auto), Committee Member of SAEINDIA and works in Force Motors and Mr.VallabhaRaoRikka, Project Scientist at ARCI handled the sessions.30 students including students from other colleges participated in the program.



National Technology Day Celebration 2019

National technological day was celebrated by Department of Mechanical Engineering on 14/5/2019 at Mini Auditorium. National technological day was observed every year on 11th of my India acting as a reminder of the anniversary of Shakti cities of Pokhran nuclear test which has held on 11th May 1998. The day highlights important role of science in our daily lives and other students to embrace Science as a career option very easy ones are organised in different technical institutes and engineering colleges to mark the day competition uses lectures interactive sessions and presentation of various aspect of Science and manage globally the day is crucial for engineers planets scientist and other poor and get in National Building and governance. Resource person was Mr.Abi Varghese, IEDC Coordinator AmalJyothi College of Engineering and Technology. The programme was coordinated by Dr.Jobby George, Mr.Arun. K Assistant Professor MED



Department of MBA

Workshop on Research Methodology by Dr P.S Mohana Kumar: Viswajyothi School of Management Studies on Nov 22, 2018 organized a one day workshop on "Research Methodology" for MBA students.

Program Coordinator: **Dr Cyriac Joseph** Dean of VSMS.

Viswajyothi School of Management Studies organized an **FDP on "Research Methods and Data Analysis Using SPSS"** during 10th-12th July 2019 (3 days) at Viswajyothi School of Management Studies, Muvattupuzha.

Program Coordinator: **Dr Sreenish Ramaswamy**

Resource Person

Dr. Rajesh P

Assistant Professor, Govt. Engineering College, Thrissur.

An International Seminar on the topic 'Germany and European Union after financial crisis' was conducted at VSMS on 23rd January, 2019. The talk was by Dr. Dominic Ponatt, a graduate from the London School of Economics. The International Seminar was coordinated by Dr. Anu George, Associate Professor, Department of Management Studies.

The two day conference was inaugurated by Dr. Abraham Koshy, Former Professor IIMA, in the presence of the Manager of the College, Msgr. Dr. Cherian Kanjirakompil, Director Rev Dr. George Thanathuparambil, Principal Dr. Josephkunju Paul C, Dean Dr. Cyriac Joseph, HOD Dr. Geo Baby and Conference Coordinators Dr. Anu George and Ms. Ambily Jose. The external members of the expert panel were Dr. Johnson Varghese, Former HOD, Dept. of Commerce, Nirmala College Muvattupuzha, Mr. Murali T., General Manager, TCS, Cochin, Dr. Jenny K Alex, Asst. Professor and HOD, Dept. of Economics,

Newman College, Thodupuzha and Mr. M.S Sreekumar, President, B2N Consulting, Cochin.

A two day workshop on "Business Research Methods – Tools and Trends" was organized on 5th and 6th April 2019. The resource person was Dr. Rajesh P, Department of Economics, GEC, Trichur. It was organized to present the students with the latest trends practiced in the research world. The two day workshop was coordinated by Dr. Anu George, Associate Professor, Department of Management Studies

A One day Workshop on Finesse and Etiquette was organized by Dr. Anu George for the fresh MBA students on 26th March 2019. The resource person was Ms. Asha Thomas Fenn, a renowned corporate trainer and education consultant. It was designed to introduce the concepts of grooming and etiquette to the students to prepare them for the corporate world.

An International Colloquium 'Strategic framework for startups' was organized on 25th July 2018. The speakers were Mr. Ulf Geerds, is the state examined agricultural manager of Arable Farming, Calgary, Canada and Ms. Sangeetha Varghese, a B.Tech in Electronics and Communications Engineering and an MBA from the University of Calgary. She is also a Certified Management Consultant (CMC), a certified Project Management Professional (PMP), holder of the Institute of Asset Management Certificate and trained in Prosci methodologies and tools spoke on "Role of certifications and Career advancement techniques".

2017-18

Seminars / Workshops conducted

Department of Civil Engineering

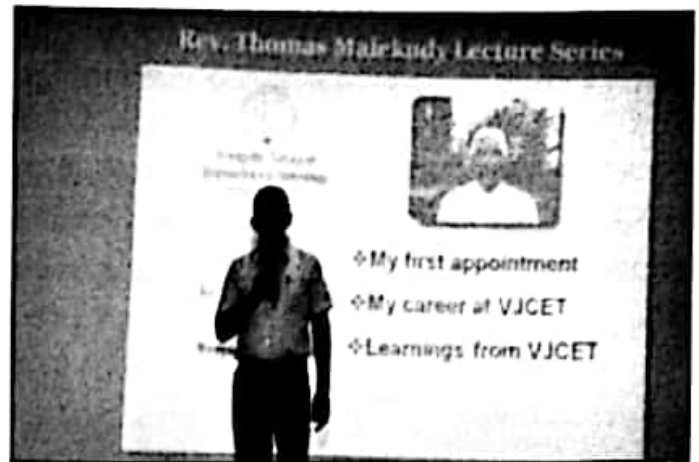
A Faculty development program was conducted on "Advances In Environmental Engineering " which was coordinated by Ms.Devina Vipinan & Ms.Nivya Mary Abraham on 31st Jan- 2nd Feb 2018



Department of Computer Science & Engineering

Rev. Fr. Thomas Malekkudy Endowment Lecture Series 2017

The Second annual lecture of Rev. Fr. Thomas Malekkudy Endowment Lecture Series 2017 on "Let us make our country proud by our technical contribution" by Dr. John Jose, Department of Computer Science and Engineering, Indian Institute of technology, Guwahati hosted by Department of computer science and engineering, VJCET



SPIN 2k17

National Conference on Security, Parallel Processing, Image Processing & Networking (SPIN'17) is being jointly organized by Department of Computer Science & Engineering and R&D VJCET in association with ISTE. The Conference aims to provide an opportunity to all, to have scientific discussions on the latest developments in the fields of Computer Science and Engineering. The Conference encourages students, researchers and academicians to come with innovative ideas to promote professional interaction and lifelong learning.

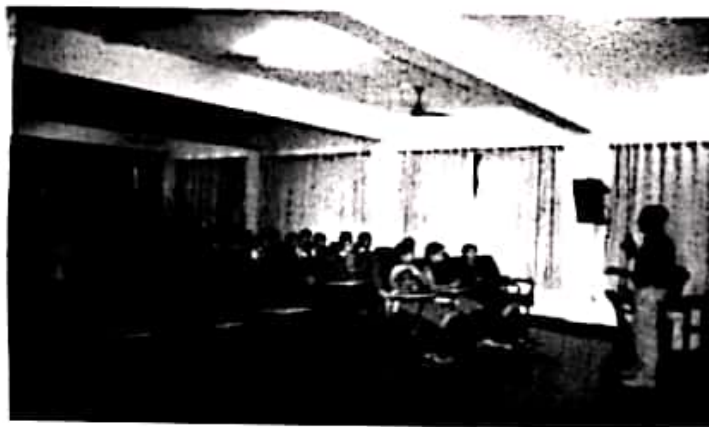


FAB lab visit for S4 CS A and B batch students on 8/1/18 and 11/1/18 respectively. Resource Person: Dr. Anishin Raj MM, Asc Prof, CSED in association with ISTE

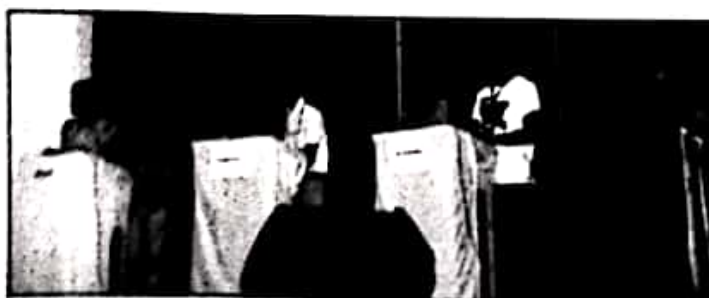
Talk on Career Guidance and Counselling on 17/1/2018 by Muhammed Farooque, Rubix Academy Muvattupuzha for S8 CS A & B in association with R&D and ISTE

CSI

Technical Talk on Artificial Intelligence on 3/2/2018 by Mr. Rahul and team, Singularis Software Technologies, Kottayam in association with CSI



Prayudh'18 National level Intercollegiate Quiz Competition on 16/2/2018



Department of Electronics & Communication Engineering

VLES'18

10th National Conference on "VLSI, Signal Processing & Communication", organized by the Department of Electronics and Communication Engineering was conducted on 29th and 30th June 2018. Dr. Anoop T R Inaugurated the Conference.

Conducted a Workshop on 'Introduction to Arduino'(IETE) in association with IETE for S1 ECE students by Mr. Krishnendu K & Mr. Manu Jose on 26th and 28th July 2017.

Conducted a Workshop on 'Android Application Development'(IETE) In association with IETE for S5 ECE students by Pantech pro Ed pvt. Ltd. On 12th August 2017

Conducted a 2 day hands on training on 'Arduino Board(IETE) in association with IETE for S3 ECE B students by Mr. Krishnendu K & Mr. Manu Jose on 11th and 12th August 2017.

An expert talk on "How to exceed Industry expectations" was given by Er. Kurian Thomas, Director & Head, R &D of Xtend Technology Pvt Ltd in connection with the inauguration of the ECE association Zealous for the academic year 2017-18 on 5th October 2017

2 day hands on training on 'Arduino Board' for S3 ECE A students by Mr. Krishnendu K & Mr. Manu Jose 3rd and 4th November 2017.

Department of ECE organized an exhibition as part of career guidance program conducted for plus 2 students on 8th December 2017

Department of ECE organized a one week ISTE short term training program on "Computer Vision and Robotics" from 11th to 15th December 2017.

ECE Department conducted a 3 days training programme on Embedded systems Design using PIC & AVR for S6 ECE students from 24/2/2018 to 26/2/2018 under the Embedded Research and Development division of Rhydo Technologies Pvt Ltd.

ECE Department conducted a 3 days training programme on Raspberry Pi and Python for S4 ECE students from 24/2/2018 to 26/2/2018 under the Embedded Research and Development division of Rhydo Technologies Pvt Ltd.

IETE chapter organized a 2 day workshop on 'Tools and Techniques for Engineering Wizardry' on 16.02.2018 & 17.02.2018 for S2 & S4 EC students. The workshop was conducted by Mr. Varghese Benny, Mr. Nikhil Joseph Jolly, Mr. Anoop Godwin & Mr. Milton Chacko of S8 EC.

Department of ECE is conducting GATE coaching classes for final year students for the past 6 years.

Department of Electrical & Electronics Engineering

Department has organized a National Conference on Recent Trends In Power System Technologies (NCRPS- 2017) on 22nd and 23rd of June 2017.

Introduction to PLC basics and Programming for S7EEE by Mr. Binol George, Managing Director, Livewire on 12th August 2017.

Technical Talk on "Sustainable Solutions" by Mr. A. Luke, Executive Director, SHAMAR Sustainable Solutions on 18th August 2017.

"An overview of Instrumentation System In Industries " for S7 EEE students by Mr. Dinesh Kumar, Control Technology Ltd, Bangalore on 29th August 2017.

"Recent Power Scenario In Kerala" by Mr. Joby James, Asst.Executive Engineer, KSEB for S3 EEE

students on 25th September 2017.

Technical talk on the topic 'Technology Development: Process and Protocols' by Mr. A Nandakumar, Senior Project Manager & Outstanding Scientist, BARC Mysore on 9th October, 2017.

Technical talk on the topic 'Challenges In the Evolution of an Industry' by Mr. A. Dinesh Kumar, Managing Director, CT Control Technology, Bangalore. Program was conducted on 29th August 2017.

Department of Information Technology

Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India-Sponsored, "National Conference on Recent developments in computational methods for renewable energy", 12th & 13th April 2018, organized by Department of Information Technology, VJCET.



A Five-day Faculty Development Programme on IoT & R-Programming", was organized by the Department of Information Technology in association with ICT Academy of Kerala from 27th Nov to 01st Dec 2017



Department of Mechanical Engineering

PUNARNAVA-17 ANNUAL STAFF TRAINING PROGRAM

The Department of Mechanical Engineering organized knowledge enrichment programs for the Mechanical department staff on 24th to 28th July 2017 at the MED labs. The Mechanical Engineering Department aims to play a pivotal role in the development of intellectual and professional competence of the faculties. It also initiates continuous learning processes among the faculty members. The staff co-ordinators for the event were Mr. Vinoj K, HOD ME, Mr. Shajan P.J, Assistant Professor and Mr. Akhil Raj P.R, Assistant Professor ME.

GATE AWARENESS AND CAREER GUIDANCE

The Department of Mechanical Engineering organized a GATE awareness program for the final year and pre-final year students on 4th August 2017 at the Mini Auditorium, VJCET. The Resource Person was Mr. Alias John from the Gate Academy, Kochi.

EXPERT TALK ON THE ROLE OF PROFESSIONAL BODIES IN ENGINEERING

The Department of Mechanical Engineering organized an Expert talk on "The Role of Professional Bodies in Engineering" on 10th August 2017 at the Main Auditorium, VJCET. The Resource person was Mr. Francis Augustine Joseph, AP MED, Saintgits College of Engineering, Kottayam.

EXPERT TALK ON ADVANCED TECHNIQUES IN WELDING

The Department of Mechanical Engineering organized an Expert talk on "Advanced Techniques In Welding" on 11th August 2017 at

the Civil Seminar Hall, VJCET. The Resource person was Dr. Joby Joseph, AP MED, MACE, Kothamangalam.

DISCOVER INDIA QUIZ PROGRAM

The Department of Mechanical Engineering organized a Quiz programme on 14th August 2017 at the Mini Auditorium, VJCET. The staff coordinator for the event was Mr. Lovin Varghese, Assistant Professor ME.

PROJECT EXHIBITION AND CULTURAL EVENT

The Department of Mechanical Engineering conducted a Project exhibition at Avoli Gramma Panchayath on 17th August 2017 in connection with "Chingam Onnu" – the cultural and technical programme organized by Avoli Gramma Panchayath. The staff coordinators for the event were Mr. Ajo Isaac John, Assistant Professor ME and Mr. Eldhose Paul, Assistant Professor ME.

CAREER ORIENTATION PROGRAM

The Department of Mechanical Engineering organized a Career Guidance Programme on 30th August 2017. The Resource person was Mr. Farook from Rubix Academy, Muvattupuzha.

MAGNA 2K17

The Mechanical Engineering Association Program of 2017 was conducted on 14th September 2017 at the Main auditorium, VJCET. The programme was inaugurated by Dr. Sabu Sebastian M, Scientist, Naval Physical and Oceanographic Laboratory. The Principal Dr. Joseph Kunjupaul C and Mr. Vinoj K, Head of the department MED, were present and talked with the students.

ISHRAE

The Department of Mechanical Engineering

started a student chapter of ISHRAE (Indian Society for Heating and Refrigeration Association for Engineers). The declaration function was inaugurated by Mr. S V Venkatachalam, Scientist, "SF" and Head of Air Conditioning Department, ISRO Satellite Centre, Bangalore on 22nd September 2017 at the R&D Seminar hall, VJCET.

Ten students from ME Dept cleared the aptitude test for ISHRAE Job Function and acquired eligibility to attend the interview at Hyderabad.

EXPERT TALK ON "ALIGNING YOUR CAREER ASPIRATIONS WITH THE NEEDS OF THE INDUSTRY"

The Department of Mechanical Engineering organized an Expert talk on "Aligning your career aspirations with the needs of the Industry" on 9th October 2017 at the R&D Seminar hall, VJCET. The Resource person was Mr. A Nandakumar, Senior Project Manager, BARC Mysore.

EXPERT TALK ON "POLYMER COMPOSITE MATERIALS"

The Department of Mechanical Engineering organized an Expert talk on "Polymer Composite Materials" on 13th October 2017 at the PTC Seminar hall, VJCET. The Resource person was Dr. R Raja, Associate Professor, MED, Karunya University.

SAE STUDENT CHAPTER INAGURATION

The Department of Mechanical Engineering started a student chapter of SAE (Society of Automotive Engineers). Collegiate Chapters are a way for SAE International student members to get together on their campus and develop skills in a student-run and elected environment. Student Members are vital to the continued success and future of SAE. While their course work teaches them the engineering knowledge, participation in SAE Collegiate Chapter can develop or enhance other important skills, including: leadership, time

management, project management, communications, organization, planning, delegation, budgeting, and finance. The declaration function was inaugurated by Mr. C Pradeep, Principal Engineer, Vehicle Integration Centre Mahindra Research Valley, Chennai on 15th October 2017 at the Mini auditorium, VJCET.

EXPERT TALK ON "INTRODUCTION TO SHIP BUILDING"

The Department of Mechanical Engineering organized an Expert talk on "Introduction to Ship Building" on 27th October 2017 at the Civil Seminar Hall, VJECT. The Resource person was Mr. Finz George, Deputy Manager Ship Repair Commerce and Business Department, Cochin Shipyard.

EXPERT TALK ON "WATER TREATMENT AND SOLAR POWER" FOR TECHNICAL STAFF OF MED

The Department of Mechanical Engineering organized an Expert talk on "Water Treatment and Solar Power" on 31st October 2017 at the MED-CAD lab for the technical staff of the Mechanical Engineering Department. The Resource person was Mr. Aneesh Kurlan, EEE Department, VJCET.

EXPERT TALK ON "ROLE OF MECHANICAL ENGINEERS IN BUILDING SERVICES ENGINEERING (BSE)"

The Department of Mechanical Engineering organized an Expert talk on "The Role of Mechanical Engineers in Building Services Engineering (BSE)" on 3rd November 2017 at the Civil Seminar Hall, VJCET. The Resource person was Mr. George Jacob, DC MEP Infra, Engineer, Mannai Corporation, Qatar.

EXPERT TALK ON "MOULDING MECHANICAL ENGINEERING CAREERS TOWARDS INDUSTRIAL DEMANDS"

The Department of Mechanical Engineering organized an Expert talk on "Moulding Mechanical Engineering Careers towards Industrial Demands" on 9th November 2017 at the Civil Seminar Hall, VJCET. The Resource person was Mr. Joseph T Cyriac, Managing Director, Jocy Aerospace & Jocy Precomp, Thodupuzha.

"SANTHYANAM" SOCIAL SERVICE PROGRAM AT KUMMITAMKUDY TRIBAL COLONY, MARAYOOR

The Department of Mechanical Engineering organized a social service program at Kummittamkudy Tribal Colony, Marayoor on 11th November 2017. The staff coordinators for the event were Mr. Vinod K, Head of the Department, Mechanical Engineering, Mr. Jerry Varghese, Assistant Professor and Mr. P M Saju.

EXPERT TALK ON "OPTIMIZATION TECHNIQUES"

The Department of Mechanical Engineering organized an Expert talk on "Optimization Techniques" on 17th November 2017 at the Mechanical Seminar Hall, VJCET. The Resource Person for the event was Dr. Shunmugesh K, Associate Professor, MED, VJCET.

GATE AWARENESS AND CAREER GUIDANCE

The Department of Mechanical Engineering organized GATE awareness program for the pre-final year students on 16th January 2018. The Resource Persons from Rubix Academy Muvattupuzha.

STAFF TRAINING PROGRAM IN SAFETY AND FIRST AID PRACTICES

Department of Mechanical Engineering Organized Training program in Safety and First Aid Practices on 10th February 2018 at PTC Seminar hall VJCET. The program aims at giving awareness to the staff about fire fighting and safety measures. The program includes demonstration

on usage of fire fighting equipments. Programme coordinator: Mr. Vinod K Chairman, VJCET Safety Committee

DEMONSTRATION AND MOCKDRILL OF THE FIRE AND RESCUE SERVICES

Department of Mechanical engineering and Fire Rescue department Kerala jointly conduct a program on "DEMONSTRATION AND MOCKDRILL OF THE FIRE AND RESCUE SERVICES". The program aims at giving awareness to the students and staff about fire fighting and safety measures. The program includes demonstration on rescue services and a mock drill in fire fighting. The program coordinators were Mr. Shajan P J, Technical Officer, MED Mr. Roji Mathew, Trade Instructor, MED.

AutoCAD Training

Department of Mechanical engineering and Inter CAD Cochin jointly conduct a AutoCAD training programme and online examination for Final Year mechanical engineering students on 16th January to 19th January 2018 at VJCET. The training was coordinated by Mr. Lovin Varghese, Assistant Professor MED, VJCET.

TECHNICAL TALK

Department of Mechanical Engineering organized a Technical Talk on KERALA STATE RUTRONIX "Employability skill development project" for final year mechanical engineering Students on 25th January 2018 at R&D Seminar hall VJCET. The Resource team from United Cadd Info Solutions Pvt Ltd.

HONESTY SHOP

Social service club of Department of Mechanical Engineering initiated and started a new approach in the college Campus, "HONESTY SHOP" from 14th February 2018 and venture was

inaugurated by Fr Dr. George Thanathuparambil , Director of VJCET with valuable presence of Dr. Joesph Kunjupaul Principal VJCET and Mr. Vinoj K, HOD MED.

INTERNET OF THINGS

Department of MECHANICAL Engineering associated with IIT Bombay conducted two day workshop on "Internet of Things" on 22nd and 23rd February 2018 at main auditorium VJCET. The program me was organized by Mr. Ajo Issac John and Mr. Martin Jose Assistant Professor MED, VJCET.

Udyoga'18

Department of Mechanical engineering Association organized a one day training on "Technology Enrichment Program me" for Kudumbasree Officials on 27th March 2018 at CAD lab MED, VJCET.

MOU WITH INTERCAD

The Department of Mechanical Engineering signed MOU with INTERCAD (Adoption partner for AUTODESK) on 9th August 2017. The event was presided over by the Executives of INTERCAD, Mr. Vinoj K, HOD ME, Mr. Lovin Varghese, Assistant Professor ME.

MED SIGNED MOU WITH M/S. SUPERTech TOOLS & COMPONENTS PRIVATE LTD

The Department of Mechanical Engineering signed MOU with Supertech Tools & Components Private Ltd on 21st October 2017.

MED SIGNED MOU WITH M/s TUNER FACTORY AND ENGINEERING

MEMORANDUM OF UNDERSTANDING executed Between M/s TUNER FACTORY AND ENGINEERING, Door No. 32 B, Kalthakkad, Pattimattom (P.O.), Ernakulam district, deals with CNC job works ,

represented by Its Managing Partner Mr. ARAVIND A.S. and VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY, Vazhakulam (P.O.), Muvattupuzha, Ernakulam - 686 670,

Department of MBA

One day Training on 'Enhancing Aspirations' by Prof. Vivek

A one day training session led by Prof. Vivek (Management Academician from Muscat) was organized for the T1 MBA students .The Chief Resource person conveyed to the students that they should 'Take the road that is less travelled', as he felt that was the key to success. The session witnessed several team building activities and problem solving activities for the students. It was a refreshing event which allowed students to take a short break from the usual academic course of studies.

BODHI 10.0

Department of Management Studies VJCET conducted Bodhi 10.0 Management Fest on 25th & 26th of August 2017. Students from various Management Schools participated in the fest. The events were Pragyaa(Business Quiz), Prezentia (Paper Presentation), The Tycoon (Best Manager Competition), Think Talk (Best Management Team competition).



Work:

The workshop on Business Analytics was held on July 20th, 21st and 22nd. Dr. Sreejesh, Professor of Cochin University of Science and Technology, conducted sessions on the different aspects of business analytics. Dr. Sreejesh did his PhD in Marketing and MPhil in Management. Prior to his current assignment, he was working with IBS, Hyderabad. The workshop sessions comprised of a mixture of presentations and the practical class approach. A hands-on experience on 'R' software, along with the theoretical session, was well utilised by the participants. The various aspects of Business Analytics and its applicability in numerous circumstances were discussed. Some sessions included descriptions of some of the subject topics and a preliminary analysis of them. It is expected that participants will apply some of the techniques discussed in the workshop in their own studies and share the

experience with peers.

One Day workshop on Business Analytics

A one day workshop on Business Analytics was held on 28th September 2017. Prof.(Dr) Jose Joy Thoppan from SAINTGITS College of Engineering and Technology lead the workshop. Detailed session on web analytics and social media analytics was given with practical sessions on 'R' and excel was specified.

Faculty Development Program

Mrs Liss Emmanuel (Asst. Professor) attended a two day workshop on Business Analytics on July 7th to 8th, organized by Lean Operation and Systems Specialisation, in association with IBM, held at Institute of Management Christ University in Bengaluru.

2016-17

Seminars / Workshops conducted



Rev. Fr. Thomas Malekudy Endowment Lecture-2017, was hosted by Department of Civil Engineering for Viswajyothi College of Engineering & Technology and the Keynote Speaker was Dr. John Philip, Professor, Homi-Bhabha National Institute (HBNI) & Head-SMARTS, Metallurgy and Materials Group, Indira Gandhi Centre for Atomic Research, Kalpakkam-603102 on the Topic "Nanomaterials and nanotechnology for a better life".

The department of civil engineering Organized an ISTE sponsored faculty development under the leadership of Mr. Renjith R (Asst. Professor, CED) on the topic of "Numerical Modeling in Civil Engineering" from 13/03/2017 to 17/03/2017 and was inaugurated by Dr. Dwarakish G S, Professor and Head of Dept of Applied Mechanics & Hydraulics, NIT Surathkal.



VLES'17

National Conference organized by the department of Electronics and Communication Engineering was conducted on 27th and 28th April 2017. Dr Abdilla P, Professor and Head of Electronics, School of Engineering, CUSAT inaugurated the conference and delivered a talk on 'Communication'.

SI NO	Paper Name	Author	Conference
1	Real-time Handwritten Digit Recognition Using Convolution Neural Network in Raspberry Pi	Femy John Jisha Mol L	VLES'17
2	Design and Implementation of Short message based blood bank using Raspberry Pi	Smitha Criac Najumunnisa PA	VLES'17
3	Biometric Authentication for High Security System using Fingerprint and Vein pattern	Anitta Thomas Alsa Thomas	VLES'17
4	Application of feed-forward Back propagation Neural Network In contact Based image Retrieval System	Rose Mary Kuruvithadam Ayana George	VLES'17
5	MFCC-GMM Based Accent Recognition for Malayalam Speech Signal	Mary Nirmala George Aswathi Sanal	VLES'17
6	Mind Controlled Robotic Arm Using Raspberry Pi	Niji Mathew Savitha Xavier	VLES'17
7	Hand Gesture Recognition methods using Raspberry Pi	Minu George Anu V Nair	VLES'17
8	Fire and Autoadaptive edge Detection using Raspberry Pi	Manu Jose Ancy Jacob	VLES'17

Viswajyothi College of Engineering & Technology

ISTE SPONSORED 2 DAY WORKSHOP ON MODELS AND TOOLS FOR TECHNICAL RESEARCH

Department of Mechanical Engineering and Center for Research and Development conducted a two days workshops on "Models and Tools for Technical Research" held at R&D Seminar Hall on 02nd – 03rd Feb 2017. The programme was interdisciplinary and is open to PG students, Research Scholars, faculty and Industry people.

INTERCOLLEGE WORKSHOP ON ADVANCED ROBOTICS & IoT

Department of Mechanical Engineering Conducted Intercollege Workshops on "Advanced Robotics and IoT" held at PTC Seminar Hall on 10.02.2017 & 11.02.2017.

EXPERT TALK ON "MODERN TRENDS IN COAL – FIRED THERMAL POWER PLANTS"



Industry Institute Interaction Cell of Viswajyothi college conducted a talk By Mr. Sushil Cherian, Co- Founder and Vice President of Kalkitech, on 10/02/2017 at R&D Seminar Hall, for the final year and third year students. The talk was based on the topic "Modern trends in Coal – fired Thermal power plants". This talk explored the latest trends in the design and operation of coal- fired thermal power plants, fuel sources, main equipment designs, operational philosophy and environmental considerations.

FDP ON INNOVATIONS IN MATERIALS ENGINEERING & MANUFACTURING

Department of Mechanical Engineering and Center for Research and Development conducted a FDP on "Innovations in Materials Engineering and Manufacturing" held on 20th-22nd Feb 2017 at R&D Seminar Hall.

AN EXPERT TALK ON ENERGY CONSERVATION PRACTICES

Mechanical Engineering Association conducted an Expert talk on the Topic "Energy Conservation Practices" held on 28th, February, 2017 at Main Auditorium. The Session was handled by Mr. Aneesh Kurian, Certified Energy Auditor (CEA) by Bureau of Energy efficiency ministry of Power, Govt. of India.

AN EXPERT TALK ON ROLE OF MECHANICAL ENGINEERS TOWARDS ENERGY SECURITY OF THE NATION

Mechanical Engineering Association conducted an Expert talk on the Topic "Role of Mechanical Engineers Towards Security of the Nation" held on 3rd March 2017 at PTC Seminar hall. The Session was handled by Dr. K. K. Rajan, Dean Industry Institute Interaction Cell of VJCET and Independent Director of Nuclear Power Corporation of India Ltd.

AN EXPERT TALK ON INDUSTRIAL EXPOSURE

Viswajyothi Digest 2016-17

Mechanical Engineering Association conducted an Expert Talk on the Topic "Industrial Exposure" held on 7th March 2017 at CED Seminar Hall. The session was handled by Mr. Suraj R, Assistant Professor, Department of Mechanical Engineering, SNGCE.

SUCCESSFULLY TESTED MINI JET ENGINE

The project Entitled "Mini Jet Engine" Guided by Prof. K J Devasya was successfully tested on 23rd March 2017.

ASTHA SOCIAL SERVICE CLUB MECHANICAL ENGINEERING DEPARTMENT GIVING NEW HOPES TO LIVES

Astha Social Service Club Mechanical Engineering Department Disrtibuted medicines and bed sheets to cancer ward General Hospital, Ernakulam on 30th March 2017.

INAUGURATION OF "DRESS AND TOYS COLLECTION FOR THE POOR & NEEDY"

ASTHA, the Social Service Club of Mechanical Engineering Department is organised "Dress and toys collection for the poor & needy" on 5th April 2017.

AWARENESS PROGRAM ON "THE CURRENT ASPECTS OF ENVIRONMENTAL PROTECTION"

Mechanical Engineering Department conducted an Awareness programme on the Topic "The Current Aspect of Environmental Protection" held on 5th April 2017 at Mini Auditorium. The Session was handled by Rev. Dr. Prasant Payyappilly Palakkappilly.

2015-16

Dr. Lovely Mathew P	S&H	Chairperson for the technical session of the UGC sponsored national seminar on Emerging trends in Chemistry- series II organized by the Post graduate Department of Chemistry, St Joseph's College, Moolamattom	10th December 2015
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Seminars / Workshops conducted

Date	Event	Department	Topic
30th Nov 2015 to 9th Jan 2016	Two week ISTE STTP	CE	on "Introduction to Structural Engineering" by IIT, Kharagpur
22nd September 2015	A technical talk	ECE	on "Challenges in the field of Wireless Network" by Dr. Neelakantan P C, Principal, Adi Shankara Institute of Engineering and Technology
14 - 18 December 2015	One week ISTE STTP	ECE	on Speech Processing
7th - 12th December, 2015	One week ISTE STTP	EEE	Training Program in Grid Connected Renewable Systems
03/11/2015	Expert talk	ME	on the topic "GLOBAL HR Requirements of Indian Engineers in Engineering R & D" by Mr. Johnson V James (Project Manager - Airframe Aero designs Pvt. Ltd.)
6th April 2015	Motivational talk	ME	on Emerging trends in Mechanical Engineering by Mr. Issac Joseph Kottukappally, MD Lunar Group of Companies
July 1-2 2015	National Seminar	S&H	on Innovations in Engineering Science