



## 6.3 Faculty Empowerment Strategies

### 6.3.4 Average percentage of teachers undergoing online/face-to-face Faculty Development Programmes (FDP) during the last five years

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**2019-20**

## FACULTY DEVELOPMENT PROGRAMS ATTENDED BY THE FACULTY

### DEPARTMENT OF CE

- Faculty members of civil engineering department attended the KTU sponsored Faculty Development Programme on "Geo-Hazards & Disaster Mitigation" organized by Civil Engineering Department in Association with R & D Centre on December 12th to 14th 2019.
- Faculty members of civil engineering department attended an International seminar on 'Materials: Engineering for Sustainability', organized by Department of Mechanical Engineering, VJCET, Vazhakulam on 29th & 30th of July 2019.
- Nisa Ann Mathew attended a KTU Sponsored FDP on "Advanced training programme on Remote Sensing and GIS" from 24th to 29th June 2019 at Muthoot Institute of Technology and Science.
- Nisa Ann Mathew attended KTU Sponsored FDP on "Emerging Trends in Sustainable Developments in Transportation Engineering" from 23rd to 27th September 2019 at ToCH Institute of Science & Technology, Arakkunnam.
- Neena M Joseph, attended a three days online FDP on Research methodology and scientific writing conducted by IQAC, at Sree Buddha College of Engineering, Alappuzha, Kerala from 29th June to 1st 2020
- Neena M Joseph, attended a three days Online STTP on Safety Measures in Transportation Systems 27th to 29th May 2020, organised by Department of Civil Engineering, Muthoot Institute of Technology and Science, Ernakulam, Kerala
- Neena M Joseph, attended a One-Week Online FDP on Recent advancements in concrete technology (RACT - 2020) on 22 to 26th June 2020 organised by Department of Civil Engineering, B.M.S college of Engineering, Bangalore.
- Amrutha S, attended a 3-day Online FDP on Recent Advancements in Civil Engineering conducted by CMR Institute of Technology Bengaluru on June 24 to 26th,

2020

- Devina Vipinan, attended a 3-day Online FDP on Recent Advancements in Civil Engineering conducted by CMR Institute of Technology Bengaluru on June 24 to 26th, 2020
- Appu John, attended a one week online National Workshop on "Industrial relevance of structural and Concrete Technology" organised by Vedavyasa Institute of Technology & Indian Concrete Institute Calicut Centre from 25th - 31st May 2020
- Appu John, attended a one week National FDP on "IRCI-2020 Innovation and Research in Concrete Industry" organised by Yogananda College of Engineering & Technology, Jammu and Kashmir from 15th - 18 July 2020
- Appu John attended a three day Online FDP on "Recent Advancements in Civil Engineering" conducted by CMR Institute of Technology, Bengaluru from 24th to 26th June 2020
- Lins Paul Kuriakose, attended a 3 day online Short Term Training Program on "Safety Measures in Transportation Systems" organised by Muthoot institute of Technology and Science on 27th to 29th May, 2020.
- Ancy Genu George, attended 3-day Online FDP on Recent Advancements in Civil Engineering organised by CMR Institute of Technology Bengaluru on June 24th to 26th, 2020
- Finu John attended a 3-day Online FDP on Recent Advancements in Civil Engineering organised by CMR Institute of Technology Bengaluru on June 24 to 26th, 2020

### DEPARTMENT OF CSE

- Amel Austine attended a National Level FDP on "Latest Trend and Challenges in IT Industry" Organized by Dept of CSE, RMD Engineering College Chennai.
- Amel Austine, Dr. Anishin Raj, Andrews Jose, Arsha



J K, Dona Jose, Nimmy George, Sabitha Raju, Silpa Joseph, Mayadevi P.A, Remya Paul, Neenu Daniel, Bency Cleetus, Mili Els Jose, Alphonsa Kuriakose, Rini Simon, Soumya Mathew and Alphonsa Kuriakose attended a Workshop on "Introduction to Blockchain" on 29.07.2019 Organized by the Department of CSE, VICET in association with R&D, ISTE, CSI and IIC.

- Amel Austine, Dr. Anishin Raj, Sindhu Jose, Mili Els Jose, Mayadevi P.A, Ritty Jacob, Neenu Daniel, Andrews Jose, Arsha J K, Dona Jose, Rini Simon, Nimmy George, Sabitha Raju, Silpa Joseph, Soumya Mathew, Alphonsa Kuriakose and Bency Cleetus attended "SES- International Workshop on Artificial Intelligence" from 3rd to 13th December 2019 Organized by the Department of Information Technology, VICET in association with Senior Expert on Service(SES), Germany
- Amel Austine, Dr. Anishin Raj, Sindhu Jose, Mili Els Jose, Mayadevi P.A, Ritty Jacob, Neenu Daniel, Andrews Jose, Arsha J K, Dona Jose, Rini Simon, Nimmy George, Sabitha Raju, Silpa Joseph, Soumya Mathew, Bency Cleetus, Alphonsa Kuriakose and Cinita Mary Mathew attended "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.
- Amel Austine, Dr. Anishin Raj, Sindhu Jose, Mili Els Jose, Mayadevi P.A, Ritty Jacob, Neenu Daniel, Andrews Jose, Arsha J K, Dona Jose, Rini Simon, Nimmy George, Sabitha Raju, Silpa Joseph, Soumya Mathew, Bency Cleetus, Alphonsa Kuriakose and Cinita Mary Mathew "Webinar on Next Generation Smart Vehicles-Challenges and Opportunities for the Engineers,by Department of CSE, VICET on 03/06 2020"
- Dr. Anishin Raj M.M, Attended a FDP on Automation in the world of AIML and data science 8-Nov-2019 TCS Kochi
- Dr. Anishin Raj, Attended an online STTP on Research Methodology Department of ME, AJCET from

28/05/2020 -30/05/2020

- Dr. Anishin Raj, Attended a 3 days' workshop on Professional Commination National MACE Kothamangalam, 19th,20th and 24th February
- Basil Baby attended 8 week AICTE sponsored FDP (NPTEL) on "Joy of Computing using Python form" July-Oct 2019 .
- Neenu Daniel, National Level FDP on Latest Trend and Challenges in IT Industry, 27.06.2020 to 31.06.2020 Organized by Dept of CSE, RMD Engineering College Chennai
- Neenu Daniel completed an online non-credit course "Introduction to HTML 5 with Michigan University offered through Coursera.
- Andrews Jose completed an online non-credit course on Coursera Administrator Training offered by Coursera
- Andrews Jose and Dona Jose completed an online non-credit course "Information Systems Auditing, Controls and Assurance" authorized by The Hong Kong University of Science & Technology and offered through Coursera.
- Rini Simon, National Level FDP on Python for Data Science",24-06-20 TO 28-06-20,organized by Dept of CSE , MITS Andra Pradesh
- Rini Simon, National Level Online FDP on Advancement of IoT",08-06-20 to 12-06-20,organized by CSI Pune Chapter.
- Arsha J K , Sabitha Raju, Silpa Joseph, Soumya Mathew, Rini Simon, and Mili Els Jose attended a Workshop on "Frontiers in Computer Science" organized by Department of CSE,VICET on 27/09/2019
- Arsha J K attended a National Level Online FDP on "Data Science Analytics" 07-07-20 to 11-07-20, organized by Dept of CSE Anurag University and Black Buck Engineers
- Arsha J K attended a National Level One week FDP on "Developing Potentials-Emerging Technologies of Computer Science",01-07-20to07-07-20,Organized by Dept of CSE , Vidya Jyothi Engg College, Hyderabad.



- Arsha J K attended a National Level FDP on "Python for Data Science", 24-06-20 TO 28-06-20, Organized by Dept of CSE, MITS Andra Pradesh.
- Arsha J K attended a National Level Online FDP on "Data Science Concepts Theoretical and Practical Approaches", 15-06-2020 to 19-06-2020, organized by Dept of CSE, Computer Society of India, Bangalore.
- Arsha J K attended a National Level Online FDP on "Perl Scripting", 10-06-20 to 14-06-20, organized by Spoken tutorial IIT Bombay
- Arsha J K attended a National Level Online FDP on "Advancement of IoT", 08-06-20 to 12-06-20, Organized by CSI Pune Chapter.
- Arsha J K attended a National Level Online FDP on "Computer Vision using Convolution Neural Networks", 08-06-20 to 10-06-20, organized by Anurag University and BlackBuck Engineers.
- Arsha J K attended a National Level Online FDP on "Internet of Things", 02-06-20 to 06-06-20, Organized by Anurag University and BlackBuck Engineers.
- Arsha J K attended a National Level Online FDP on "Big Data Engineering", 01-06-20 to 05-06-20, Organized by CSI, IEEE, Dept of CSE Kings Engineering College.
- Arsha J K attended a National Level Online FDP on "Demystifying Network Security", 26-05-20 to 30-05-20, Organized by S.A Engineering college, CSI, IEEE, ACM.
- Arsha J K attended a National Level Online FDP on "Recent Trends in Medical Image Processing", 28-05-20 to 30-05-20, organized by Mohamad Sadak Engineering College.
- Soumya Mathew attended a 3 days Online STTP on Research Methodology, organized by Department of ME, AmalJyothi college of Engineering from 28-05-2020 to 30-05-2020
- Alphonsa Kuriakose, completed a five week online course "Fundamentals of network communication" authorized by the university of Colorado and offered through Coursera on June 2020
- Cinita Mary Mathew, Sabitha Raju attended a

Training on "Python Programming through INFYTO platform", organized by Infosys Ltd on 6th to 13th July 2020.

- Nimmy George, completed a five weeks online course "Fundamentals of network communication" authorized by the university of Colorado and offered through Coursera on May 2020.
- Nimmy George, completed a five weeks online course "Peer to peer protocols & Local networks" authorized by the university of Colorado and offered through Coursera on May 2020

## DEPARTMENT OF EEE

- All EEE Faculty attended KTU Sponsored FDP on "Advancements in Drives, Instrumentation and Control" organized by the Department of Electrical Engineering, VJCET, Vazhakulam during 1st to 5th July 2019,
- All EEE Faculty attended International FDP on "On-Grid Photovoltaic Power Grid System" organized by the Department of Electrical Engineering, VJCET, Vazhakulam during 2nd to 16th December 2019.
- Seena Paul attended 5 days FDP on "Know Everything Related to Research" organized by Ilahia College of Engineering & Technology during 23rd to 28th July 2020.

## DEPARTMENT OF ECE

- Ranjini Surendran attended Faculty Development Programme on "Automation in the world of AI, ML and Data Science" organized by Tata Consultancy Services (TCS), Cochin on 8th November 2019.
- Ranjini Surendran, Manu Jose attended Faculty Development Programme on "Glide Through Cognitive Computing" organized by the Department of Computer Science & Engineering, MA of Engineering, Kothamangalam in association with ISTE and APJ Abdul Kalam Technological University during 16th to 20th December 2019.
- Manu Jose successfully completed 12 weeks NPTEL Online Certification Course on Cryptography and Network Security organized by IIT Kharagpur during (Jan-April) 2020



- **Merlin Thomas** attended faculty development programme on "Professional Communication" organized by the Department of Electronics & Communication Engineering, MA College of Engineering, Kothamangalam in association with ISTE and APJ Abdul Kalam Technological University during February 2020.
- **Vinija Kurian** attended 12 weeks NPTEL Online Certification Course on "Signals and Systems" organized by IISER, Bhopal during (Jan-April) 2020
- **Mary Nirmala George** attended 2 days International Seminar on "Material Science" organized by Department of Mechanical Engineering, VJCET during 29th to 30th July 2019
- **Anu C Kunjachan** attended 3 days International Seminar on "Communicative English skills for Engineering Students and Faculty." organized by MBITS, Nellimattom during 28th to 30th July 2020
- **Jibby Peter D'cruz** attended a short term course on "Programmable Logic Controllers" organized by Tata Steel under the Capability Development E-learning program during 26th to 28th June 2020
- **Femy John** attended a 2 days International Seminar on "Material Science" organized by Department of Mechanical Engineering, VJCET during 29th-30th July 2019

## DEPARTMENT OF IT

- **Anju Susan George, Tiny Molly. V** attended a 5 days FDP on "Glide through Cognitive Computing" organized by CSE Dept., MACE Kothamangalam and KTU during 16/12/2019 to 20/12/2019.
- **Anju Susan George, Ann Preetha Jose, Jesline Joseph, Juliet A. Murali, Prince Kurian, Tiny Molly.V, Santhanu. P. Mohan, Diana Baby** attended a two weeks International workshop on Artificial Intelligence, SES-International during 03/12/2019 to 13/12/2019.
- **Anju Susan George** attended a one day FDP on "Cloud Computing", TCS, Kochi, June 2019
- **Anju Susan George, Ann Preetha Jose, Juliet A.**

**Murali, Tiny Molly .V, Diana Baby Salini. Dev.P.V,** attended a One day Workshop on "Introduction to Block chain", CSE Department, VJCET, 29th July 2019.

- **Ann Preetha Jose, Diana Baby, Salini Dev. P.V,** attended a 1 Day FDP on "Automation in the world of AI, ML and data science," TCS Kochi
- **Ann Preetha Jose, Diana Baby,** attended a 3 Day Online STTP on Research Methodology, Department of ME, AJCET from 28/05/2020 -30/05/2020
- **Diana Baby** attended a 3 day Workshop on Professional Communication, MACE Kothamangalam, 19th, 20th and 24th February, 2020.

## DEPARTMENT OF ME

- **Dr. Shunmugesh K** attended a Faculty Development Programme on "Advances in Mechanical Engineering: A Research Perspective" organized by MGIT, Telangana during 6-10 June 2020
- **Dr. Shunmugesh K, Arun Raphel** attended a Faculty Development Programme on "Advanced Materials, Machining and Characterization" organized by SRIMVIT, Bangalore during 6-10 July 2020
- **Dr. Sajjan T. John** completed an International- Professional Improvement Programme on Grammar and Punctuation organized by University of California, Irvine through Coursera
- **Dr. Sajjan T. John, Rakesh Jose** completed an International- Professional Improvement Programme on the data scientist Tool box organized by Johns Hopkins University, Baltimore, Maryland through Coursera
- **Vinoj K** completed an 8 weeks Course on "Robotics" organized by IIT Kharagpur through National Programme on Technology Enhanced Learning (NPTEL)
- **Vinoj K** attended an International Workshop on "On-Grid Photovoltaic Power Generation System" organized by EEE Department, VJCET in association with Senior Experten Service (SES), Germany.
- **Vinoj K** attended a Faculty Development Programme on "Novel Materials and its Industrial application"



- organized by Centre of excellence for Composite research, Karpagam College of Engineering, Coimbatore
- Arun K, Lovin Varghese, Nidheesh K attended Faculty Development Programme on "Advances in Bio Engineering" organized by Toc.H Institute of Science & Technology during 6-19 January 2020
  - Abraham Antony attended Faculty Development Programme on "Renewable Energy Sources: Conversion Storage and Application" organized by Mechanical Engineering Department, Jyothi College Of Engineering And Technology during 6-10 January 2020
  - Abin Paul attended Faculty Development Programme on "Entrepreneurship" organized by AJCE, Kanjirpally during 9-12 December 2019
  - Frenosh K Francis, Abin Paul attended Short Term Training Programme on "Research Methodology" organized by Department of Mechanical Engineering, AJCE, Kanjirpally during 9-12 December 2019
  - Lovin Varghese attended Faculty Development Programme on "Simulation of Thermal management of Batteries and Power Converter" organized by Toc.H Institute of Science & Technology on 28 May 2020
  - Arun K. R attended an International conference "I-DAD 2020" organized by Vel Tech, Madras during 24-26 February 2020
  - Arun K. R attended a Short-Term Training Program on "Multiphase Flow" organized by IIT Madras
  - Rakesh Jose, Arun Raphel, Martin Jose attended Faculty Development Programme on "Emerging Areas in Manufacturing" organized by Department of Mechanical Engineering, VimalJyothi Engineering College during 25-30 May 2020
  - Rakesh Jose attended a Faculty Development Programme on "Artificial intelligence" organized by IIT Nagpur on 24-28 April 2020
  - Rakesh Jose completed an International- Professional Improvement Programme on Getting and Cleaning Data organized by Johns Hopkins University, Baltimore, Maryland through Coursera
  - Rakesh Jose, completed an International- Professional Improvement Programme on R programming organized by Johns Hopkins University, Baltimore, Maryland through Coursera
  - Arun Raphel attended a Faculty Development Programme on "Managing Online Classes and Co-Creating Moocs" organized by Ramanujan College, Delhi University during 20th April – 6th May 2020
  - Arun Raphel attended a Faculty Development Programme on "Research Challenges in Mechanical Engineering" organized by MED, SVCET, Chittoor during 22-27 June 2020
  - Arun Raphel attended a Faculty Development Programme on "Multi-Dimensional Scaling from science to Technology- Accelerating Innovation" organized by Dr.MGR Educational and Research Institute during 9-13 June 2020
  - Arun Raphel attended a Faculty Development Programme on "Imminent Trends in Mechanical Engineering" organized by KPRIR, Hyderabad during 29th June – 3rd July 2020
  - Arun Raphel attended a Faculty Development Programme on "Product Design & Novelty" organized by Dr VithalraoVikhe Patil College of Engineering during 6-10 June 2020
  - Arun Raphel attended a Faculty Development Programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" organized by Pragati Engineering College during 9-13 June 2020
  - Arun Raphel attended a Workshop on "Intellectual property right, Technology development and Startups" organized by IPR Cell, NIT Trichy during 9-13 December 2020
  - Arun Raphel attended a Faculty Development Programme on "Effective Research writing using Latex"



organized by Pragati Engineering College during 22-27 June 2020

- ⇒ Nibin B attended Faculty Development Programme on "Creative Teaching and Makers Workshop – An Interdisciplinary approach to Teaching Methodologies" organized by FISAT Angamaly during 10-12 July 2020
- ⇒ Nidheesh K completed a 2 weeks Course on "IC Engines and Gas Turbines" organized by National Programme on Technology Enhanced Learning (NPTEL)
- ⇒ Martin Jose attended Faculty Development Programme on "Outcome Based Education, NBA Approach" organized by DVVPCE Ahamednagary on 11-12 June 2020
- ⇒ 10 Faculty members of Mechanical Engineering Department attended a KTU Funded Faculty Development Programme on "Tools, Techniques & Models for Scientific Research" organized by Department of Mechanical Engineering in association with Centre for Research and Development, VICET during 22–26 July 2019
- ⇒ All faculty members of Mechanical Engineering Department attended a two days International Seminar on "Materials: Engineering for Sustainability" organized by Mechanical Engineering Department in association with Centre for Research and Development, VICET during 29–30 July 2019.

## DEPARTMENT OF S&H

- ⇒ Viji George, Anila Elizabeth John and Jinta Jose completed 5 days Online Workshop on "Mathematical Science for CSIR-NET", organised by Sree Narayana Guru College, Coimbatore from May 11-15, 2020
- ⇒ Viji George and Anila Elizabeth John completed a Five days FDP on "MOODLE-learning management system" by Spoken Tutorial IIT Bombay in March 2020
- ⇒ Viji George and Jinta Jose attended a one day Online Faculty Development Program on "Fuzzy Sets and

Systems" by Patrician College of Arts & Science, Chennai on May 16th, 2020

- ⇒ Viji George and Anila Elizabeth John completed 12 weeks NPTEL course on "Transform, Calculus and its applications in Differential Equations", Jan-April 2020
- ⇒ Ann Neetha Sabu, Rose Mary Baby, Ansu Ann Abraham, Manu Sebastian, Biju George, Deenu Baby, Robin K Augustine, Dany Sebastian and Ashly Jacob attended an International Seminar on "Materials: Engineering for Sustainability" organized by the Department of Mechanical Engineering in association with Centre for Research and Development Cell at Viswajyothi College of Engineering & Technology on 29th & 30th of July 2019
- ⇒ Deenu Baby attended a five day FDP on "Tools, Techniques & Models for Scientific Research" from 22 – 26 July 2019 organised by Department of Mechanical Engineering, VICET
- ⇒ Deenu Baby attended a three day FDP on "Research Methods and Data Analysis using SPSS" from 10 - 12 July 2019 conducted by Department of Management Studies, VICET
- ⇒ Robin K Augustine completed an FDP on "Product Design Using Value Engineering" conducted by IIT Roorkee (SWAYAM /NPTEL) during July-August 2019.
- ⇒ Robin K Augustine attended "YIP Facilitators Workshop" conducted by Kerala Development Innovation and Strategic Council (KDISC) on 19th and 20th February 2020.
- ⇒ Robin K Augustine attended a Virtual Symposium on "International Day of Light (IDL 2020)" conducted by IIT Guwahati May 16, 2020.
- ⇒ John Odackal and Anitha Rajan attended a three day Faculty Development Programme on "Professional Communication" organized by M.A. College, Kothamangalam in association with ISTE from 19th February 2020



➤ **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.

**2018-19**



# Faculty Training Programs/Seminars Attended

## Department of Computer Science & Engineering

**25 Faculty members** attended International Conference on "Emerging Vistas in Civil Engineering" on October 26th and 27th, at VJCET, Vazhakulam.

**Mr. Lins Paul Kuriakose** participated in an online course on "Advanced Concrete Technology", Funded by Ministry of H.R.D, Govt of India, conducted by IIT Madras from July to October 2018.

**Mr. Daniel A.V, Mr. Vishnu Krishnan & Mr. Basil Baby** attended short term course on "Nano Materials in concrete" organized by Department of Civil Engineering, TKM College of Engineering, Kollam during 17-22nd December 2018, under the sponsorship of Quality Improvement Program, AICTE, Govt. of India.

**All Civil Engineering Faculties** and final year students attended National Conference on "Emerging Vistas of Engineering & Management

(NCEVEM'19) in Association with Centre For Research And Development, Organized by Department of Civil Engineering & Mechanical Engineering on 29th & 30th of March 2019.

## Department of Computer Science & Engineering

One week FDP on Frontiers of Computer Applications 16th July – 20th July 2018 Organized by Department of CSE, VJCET in Association with R&D, ISTE & CSI have attended by **all the faculties**

One Week FDP on "Embedded Systems & Data Mining" Organized by Department of CSE, VJCET in Association with R&D, ISTE & CSI have attended by **all the faculties**

**Mr. Basil Baby** has attended 8 week AICTE approved FDP on Secure Systems Engineering

**Mr. Andrews Jose** has attended one week faculty development gram on LEX based foundation program by Infosys on 4th feb 2019- 8th feb 2019



## **Department of Electronics & Communication Engineering**

**Ms. Ranjini Surendran and Mr. Manu Jose** attended a Five day FDP on 'Signal Processing: From Fundamentals to challenges' organized by Department of AEI, Rajagiri School of Engineering & Technology, Kakkanad from 9th to 13th July 2018.

**Ms. Minu George, Mr. Jibby Peter D'cruz, Mr. Krishnendu K** attended a Five day FDP on "Industrial Robotics: Platform, Algorithms & Techniques offered by Centre of Excellence in Robotics and IoT, Federal Institute of Science and Technology(FISAT) in collaboration with e-Yantra, IIT Bombay from 16th to 20th July 2018.

**Ms. Rose Mary Kuruvithadam, Ms. Minu George, Mr. Krishnendu K** attended a Workshop on "IoT, Cloud Computing & Big Data Analytics" organized by Department of Electronics and Communication Engineering, Adi Shankara Institute of Engineering & Technology, Kalady and co-sponsored by Kerala State Council of Science, Technology and Environment(KSCSTE) from 23rd to 26th July 2018.

**Mr. Thankachan P J, Mr. Denny Joseph, Mr. Ginu Jose** attended Laboratory Staff Skill Upgradation Workshop(LSSUW'18), "Fundamentals of Embedded System with hands on training in AVR-ATmega 32" at Adi Shankara Institute of Eng. & Technology, Kalady in association with Laxmiinfotek and IEDC Bootcamp on 30th and 31st July 2018.

**Mr. Manu Jose** attended and successfully completed the online course (6 Weeks) on 'Bits and Bytes of Computer Networking' conducted by Google offered through Coursera (Nov.- Dec. 2018).

**Ms. Ranjini Surendran** attended a One day FDP on 'Machine Learning' organized by TCS, Kakkanad on 26th October 2018.

**Mr. Jekson George** has given help to make working model for Kalluorkad Sub district Sastrolsavam at Vimala Matha Higher Secondary School on 25-10-2018 & 26-10-2018.

**Mrs. Merlin Thomas, Mrs. Mary Nirmala George, Ms. Vinija Kurian,** successfully completed an NPTEL online course on Switching Circuits & Logic Design.

**Mrs. Merlin Thomas, Mr. Jibby Peter D'cruz, Ms. Mary Nirmala George, Mr Manu Jose, Ms. Vinija Kurian, Ms. Minu George, Ms. Smitha Cyriac, Ms. Anu Rani Philip, Ms. Ranjini Surendran, Ms. Krishnendu K, Ms. Priya G L** attended a four day FDP on Digital Fabrication – Fablab organized by ISTE & IETE chapters of Department of Electronics & Communication Engineering in association with Kerala Startup Mission & Fablab Kerala from 18th to 21st October 2018.

**Ms. Niji Mathews** attended the IETE foundation day celebrations-2018, held at Ernakulam on 10th November 2018.

**Ms. Minu George, Ms. Sani John, Ms. Rose Maria Jose, Ms. Rose Mary Kuruvithadam, Ms. Merlin Thomas, Ms. Femy John, Ms. Manju Thomas, Ms. Vanitha Rugmoni, Ms. Mary Nirmala George, Ms. Anu C Kunjachan, Ms. Vinija Kurian, Ms. Lakshmi M S, Mr. Shiju Jose, Mr. Renji Issac, Mr. Thankachan P J, Mr. Denny Joseph, Mr. Ginu Jose** attended 1 week International Workshop on Laser Engraving and 3D Printing organized as part of the 1st International Symposium on Innovative Engineering Paradigms in association with Senior Experten Services (SES), Germany held from 3rd to 21st December, 2018.



**Ms.Anu Rani Philip, Ms.Rose Maria Jose, Ms.Cuckoo Anitha Joseph, Ms.Niji Mathews, Ms.V.K.Vanitha Rugmoni, Ms.Vinija Kurian, Ms.Rosemary Kuruvithadam, Ms.Mary Nirmala George, Ms.Smitha Cyriac, Mr.Jibby Peter D'Cruz, Mr.Anish M.Jose, Ms.Anitta Thomas,** attended 1 week FDP on Computer Architecture & Data Communication.

**Ms. Ranjini Surendran** has attended a One Day Workshop on Machine Learning using Python at Symphony, CSI, Trivandrum conducted by Computer Society of India, Trivandrum Chapter on 26th January 2019.

**Ms. Ranjini Surendran** has attended a 5 Day Workshop on Deep Learning at CUSAT conducted by Data Science Research Laboratory, Department of Computer Applications, CUSAT from 19th to 23rd February.

**Mr. Jibby Peter D'Cruz** has attended a 3 month Post Graduation Diploma Course in Industry Automation with PLC/SCADA Training at SMEC Institute, Kaloor from April 15th to July 6th 2019.

### **Department of Electrical & Electronics Engineering**

**Dr.K.K Rajan and Mrs. Seethamma George** coordinated Faculty Development Programme on Advancement in Electrical Machines and Industrial Automation" from 25th to 30th June 2018.

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

**Ms.Breeza Paulose and Ms.Neena Alex** coordinated 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 faculty members** attended a Short term training programme on "Advancement in Electrical Machines and Industrial Automation" from 25th to 30th June 2018.

**Ms.Jis Jose and Ms.Steffy Treasa Loui** attended 'international workshop on laser and 3D printing' organized as part of international symposium on innovative engineering paradigms held from 3rd to 7th December 2018.

**Mr. Bijo Joseph, Mr. Dayas M Edassery, Mrs. Binumol George, Mr. Dhinu Paul, Mr. Shiju P Mathew and Mr. Sabu Valiamattom** attended 'international workshop on laser and 3D printing' organized as part of international symposium on innovative engineering paradigms held from 3rd to 7th December 2018.

**Mrs. Smitha Jacob and Mrs. Jis Jose**, Assistant professors coordinated 2 day National Seminar on 'Advancements in Power System Technologies' on 5th and 6th April 2019.

**Ms. Breeza Paulose and Ms. Seena Paul**, Assistant professors, coordinated Intercollegiate Quiz Competition- VIVEKA 2K18 on 25th April 2019.

**Mr. Sharone Varghese and Mr. Jomu M George**, Assistant professors, coordinated IoT challenge by National level hands on workshop, preliminary selection for the IoT challenge 2019 at IIT Bombay.

**The faculty members** attended 2 day National Seminar on 'Advancements in Power System Technologies' on 5th and 6th April 2019.

**Dr. B. Aruna** attended one day FDP organised by SEEM & IEEE at Rajagiri college of Engineering on 06.02.2019



### **Department of Information Technology**

The faculty members attended an International Workshop on 'Recent Trends in Databases' from 3rd to 10th December 2018.

The faculty members attended a Five-day Faculty Development Program on 'FRONTIERS OF COMPUTER APPLICATION' from 16th to 20th July 2018.

### **Department of Mechanical Engineering**

All staff members of department Participated in 3 Weeks International Workshop on "Laser Engraving & 3D Printing" Organized as part of: "1st International Symposium on Innovative Engineering Paradigms" held from 3rd to 21st December, 2018 at FAB LAB, VJCET.

(Recourse Person: Mr. Ralph Schneider, Industrial Designer, SES Expert, Germany)

Mr. Vinoj K, Associate Professor MED Mr. Lovin Varghese, Mr. Arun Raphael Assistant professor of MED Participated in 3 Day workshop 'Recent Advances in Metals, Processes and Applications, Organized by Dept. of Mechanical Engineering, MACE, KLM. And Kerala State Council for Science, Technology and Environment (KSCSTE) from 16/07/2018 to 18/07/2018 at MACE.

Mr. Rakesh Jose Asst. Professor MED attended a faculty development program on Optimization Techniques in Engineering Research organized by the Dept. of Mech Engg, Mar Baselios Christian College of Engineering & Tech, Kuttikanam, Kerala, during, 18-20 December 2018

Mr. Rakesh Jose & Mr. Abin Paul attended Faculty development programme on recent advances

in manufacturing Engg at SJ CET Palai From 7th to 11th January 2019

Mr. Akash Paul Savio, Mr. Arun K.R, Mr. Nibin B, Mr. Martin Jose & Mr. Basil Baby attended Short training Programme on Computational fluid dynamics using Open Foam at Universal Engineering College, Thrissur from 3rd June to 7th June 19.

Mr. Vinoj K attended 3 days KTU funded FDP on "Advanced Combustion Technologies" held at Adi Sankara Institute of Engineering & Technology from June 12th to 14th 2019.

Mr. Benny P, Mr. Binu P & Mr. Akhil Raj attended a 3 day workshop on "Occupational Safety and Technology Management " organised by MED, MACE in association with Fire and Rescue Department, Government of Kerala at MACE Kothamangalam from 21st to 23rd June 2019.

### **Department of MBA**

Ms Ambily Jose attended Faculty Development Program on Business Analytics from 13th and 14th June 2018 organized by Adi Shankara Business School and International Association of Marketing Professionals.

Dr Geo Baby, Dr Cyriac Joseph, Dr Anu George, Dr Sreenish Ramaswamy, Mr. Nelson Mathew, Mr Sebin Joesph, Mr Midhun Jose attended the FDP "Research Methods and Data Analysis Using SPSS "during 10th-12th July 2019 (3 days) at Viswajyothi School of Management Studies, Muvattupuzha.

Mr Nelson Mathew, Assistant Professor attended Two -Day FDP on "Writing and Publishing Research Articles in High Impact Journals: Techniques and Tips" organized by CUSAT on August 8, 2019.

Resource Person: Dr Dileep Kumar M, Professor in Management and research UNIES, Netherlands



## VISWAJYOTHI DIGEST 2018-19

and ABS Morocco.

**Mr Nelson Mathew & Mr Sebin Joseph**, Assistant Professors attended One-Day International Workshop on "High Impact Research and Publications" organized by DDU Kaushal Kendra CUSAT on August 19th & 20th, 2019.

Resource Person: Dr Justin Paul, Professor in University of Puerto Rico, USA

**Mr Nelson Mathew & Mr Sebin Joseph**, Assistant professors attended Three day faculty Development program on "Research and publication strategy for academic career"

organized by IIM –Kozhikode on Sept 25-27, 2019.

Resource Person : Prof Sreejesh S & Prof Anandakuttan B Unnithan

**Dr. Anu George** attended a One Day Conference on 12th February 2019 on the topic "Circular economy on productivity and sustainability" organized by the Kerala State Productivity Council, HMT Road, Kalamassery. Sri. A.P.M. Muhammed Hanish IAS, Managing Director, Kochi Metro Rail Ltd. (KMRL) was the resource person.

**2017-18**



# Faculty Training Programs/Seminars Attended

## Department of Civil Engineering

**Ms.Shine George** attended Faculty Development Programme on "Advanced Concrete Technology" from 7th-20th December 2017 at MACE, Kothamangalam.

**Ms.Bilu Baby** attended Faculty Development Programme on "Advanced Concrete Technology" from 7th-20th December 2017 at MACE, Kothamangalam.

**Mr.Basil Baby** attended Faculty Development Programme on "Advanced Concrete Technology" from 7th-20th December 2017 at MACE

**Mr.Appu John** attended Faculty Development Programme on "Advanced Concrete

Technology" from 7th-20th December 2017 at MACE

**Dr.Anoop C.K** has been an Invited Delegate for Indo-UK Program on "Close Loops Technologies for Rural Communities" at Indian Institute of Technology

**Dr.Anoop C.K** has been an Invited Delegate for Indo-US Program on "Environmental Geotechniques" at Indian Institute of Technology

**Dr.Anoop C.K** attended the Indo-UK Program on "Development and Application of Downscaling Climatic Projections" at Indian Institute of Tropical Meteorology



**Mr. Basil Baby & Ms. Rose Mary Xavier** attended "Faculty Development Programme on GEOMATICS" at Adi Shankara Institute of Engineering & Technology

**Mr. Daniel A.V** attended "Training Programme of FAB Lab" at Heera College of Engineering & Technology

**Mr. Daniel A.V** attended 2 Day Workshop on FAB Lab at Federal College of Engineering & Technology

**Mr. Lins Paul Kuriakose** participated in Online course on "Mechanics of Solids" funded by Ministry of H.R.D, Government of India, conducted by IIT Kanpur, from July to October 2017 (12 Weeks).

**Ms. Bijimol Joseph, Ms. Nivya Mary Abraham, Ms. Soumya Rani P Thomas, Ms. Rose Mary Xavier, Ms. Ancy Genu George & Mr. Vishnu Krishnan** attended FDP on "Emerging Technologies in Infrastructure development" from 6th- 8th June 2018, at Mar Baselious Institute of Science & Technology, MBITS, Nellimattom.

**Mr. Daniel A.V, Mr. Vishnu Krishnan, Ms. Finu John, & Ms. Nisa Ann Mathew** attended a QIP on "Geomechanics & Geoengineering" at IISC, Bengaluru, on 7th May to 11th May 2018.

**Mr. Abhijith R** attended a QIP on "Sustainability issues in Civil Engineering" at IISC, Bengaluru, on 7th May to 11th May 2018.

**Abhijith R, Vineetha Thankachan & Aswin Alias** attended International conference on Green Building & Sustainable Engineering (GBSE2018) on the topic "Review on Applications of Smart Glass in Green Buildings", January 24-25, 2018 held at Rajagiri School of Engineering & Technology (RSET), Kochi, India during January 24-25, 2018.

**Abhijith R, Saraswathi Menon, Grinita George, Ajith P Shaji & Abin Baby** attended International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM'18) on "Study on Developing Outer Harbour at Cochin Port", organized by Tagore Institute of Engineering and Technology in association with The Institution of Engineers (India) on 07th March 2018.

**Abhijith R, P N Mirfath, Jijo Thomas, Jeemon Babu & Jis Elias** attended an International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM'18), on "Analytical Design of Breakwater for Outer Harbour Project" organized by Tagore Institute of Engineering and Technology in association with The Institution of Engineers (India) on 07th March 2018.

**Vishnu Krishnan, Ajith P S & Anagha S** attended International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM'18), on the topic "Performance evaluation of fly ash stabilized embankment supported by piled raft" organized by Tagore Institute of Engineering and Technology in association with The Institution of Engineers (India) on 07th March 2018.

## Department of Computer Science & Engineering

**Dr. Anishin Raj M.M** attended "3D Printing workshop" at St Joseph Palai, 24th March 2018

**Dr. Anishin Raj M.M, Mr. Basil Baby, Mr. Andrews Jose** attended 47th ISTE Annual Convention at SAINTGITS college of Engineering, 27th-29th Jan 2018.

**Mr. Jobin Jose** attended STTP on Advanced Web Technologies organized by Dept of CSE, NIT Trichy



from 11-16 Dec 2017

**Mr. Jobin Jose** attended International Workshop on cyber security, cyber crimes and cyber laws organized by Dept of computer Applications CUSAT in association with Kerala police academy trissur from 20-25 April 2018

**Mr. Jobin Jose** attended NPTEL COURSE ON COMPUTER ORGANIZATION BY IIT MADRAS

**Mrs. Sindhu Jose** attended FDP on Introduction to Programming in C, IIT Kanpur from July to Sep 2017

**Mr. Basil Baby** attended FDP on Wireless Adhoc Networks, IITKG from 12-2-2018 to 2-4-2018

**Mr. Andrews Jose** attended one week FDP on IoT and R Programming and one week STTP on Cloud and High Performance Computing

**Mrs. Sabitha Raju** attended FDP on Introduction to Programming in C, IIT Kanpur from July to Sep 2017

**Mrs. Bency Cleetus** attended one week FDP on Design and analysis of Algorithms Sahradaya College of Engineering and technology kodakara and one Week FDP on Advanced Web Technologies Government Engineering, Thrissur

**Mrs. Soumya Mathew** attended FDP on Machine Learning & Deep Learning by TCS Cochin on 26 April 2018

### **Department of Electronics & Communication Engineering**

**Rose Maria Jose and Rose Mary Kuruvithadam** attended a 3 day workshop on Power Electronics at MACE, Kothamangalam on 4th, 5th and 7th August 2017.

**Mr. Manu Jose** attended and successfully completed online course on DIGITAL IMAGE

PROCESSING OF REMOTE SENSING DATA during July - August 2017 conducted by NPTEL, a joint initiative of IITs and IISc

**Ms. Priya G L** attended four week NPTEL online certification course on 'Digital Image Processing on Remote Sensing Data' during July to August 2017 conducted by IIT, Roorkee.

**Mr. Krishnendu K** attended four week NPTEL online certification course on 'Digital Image Processing on Remote Sensing Data' during July to August 2017 conducted by IIT, Roorkee.

**Mr. R Anil Kumar** attended a Short Term Training Programme on Microwave from Theory to Practical during 20th Nov to 24th Nov. 2017 organized by the School of Engineering CUSAT.

**Mr. R Anil Kumar** attended a 3 Day Workshop on SDR at Dep. of Electronics, CUSAT during 20-21 November 2017.

**Mr. Anish M Jose** attended a 3 day Workshop on Software Defined Radio (SDR) at Dep. Of Electronics CUSAT during 20-21 November 2017.

**Mr. R Anil Kumar** attended a Short Term Training Programme on 'Computer Vision and Robotics' during 11th Dec to 15th Dec. 2017 at VJCET.

**Mrs. Ranjini Surendran** attended and successfully completed Eight week NPTEL Online Certification course on Introduction to research from Jul-Sep 2017 organised by IIT, Madras.

**Mrs. Smitha Cyriac, Mrs. Niji Mathews, Mrs. Rose Maria Jose, Mrs. Anitta Thomas, Mrs. Femy John, Mr. Anish M Jose, Ms. Minu George, Mrs. Vinija Kurian, Mrs. Anu C Kunjachan** attended a STTP on Computer vision & Robotics by Dept. of ECE, VJCET from 11th - 15th December 2017.

**Mrs. Niji Mathews, Mrs. Anitta Thomas, Mrs. Smitha Cyriac, Mrs. Rose Maria Jose** participated in the SERB sponsored National



Conference on "Recent developments in computational methods for renewable energy" held on 12th & 13th April 2018 at VJCET.

**Mrs. Ranjini Surendran** attended a Faculty Development Programme on Machine Learning and Deep Learning at TCS Kochi on 26th April 2018.

**Mrs. V K Vanitha Rugmoni, Mrs. Manju Thomas T, Mrs. Sani John** attended KTU sponsored FDP on Emerging Trends in Embedded Systems at Toc H Institute of Science & Technology on 18th-20th April 2018.

**Mrs. Mary Nirmala George** attended 12 week NPTEL online certification course on 'Microprocessors and Microcontrollers' during January to May 2018 conducted by IIT, Kharagpur.

**Mrs. Sani John** attended 12 week NPTEL online certification course on 'Computer Organization and Architecture: A Pedagogical Aspect' during January to May 2018 conducted by IIT, Kharagpur.

### Department of Electrical & Electronics Engineering

**Dr. K KRajan and Dr. B. Aruna** attended a workshop on "COMSOL for Teaching & Research" organized by Department of Electronics, CUSAT and IEEE Cochin Subdivision in collaboration with COMSOL MULTIPHYSICS Pvt Ltd, Bangalore on May 15, 2018.

**Dr. K KRajan and Dr. B. Aruna** attended the biggest Electrical and Allied Engineering Products Exhibition "ELEX 2017" and National Seminar "Powering Future Kerala" hosted by KEL at CIAL Exhibition Centre, Nedumbasseri, Kochi,

13-15 Dec 2017

**Mrs.Cini K, Mrs.Neena Alex, Mrs.Aryasree G and Mrs.Meraya Baby** attended 5 day Faculty Development Programme on 'Emerging Trends in Nanoscience and Nanotechnology', organized by ASIET, Kalady from 17/4/2018 to 21/4/2018 sponsored by KTU.

**Dr.K K Rajan and Dr.Sony Kurian** attended Two days Energy Conservation Building Code for Electrical Engineers A training organized by Training and Research Centre, Moolamattom from 3rd and 4th May 2017

**Dr.B Aruna** attended

1.Workshop on "COMSOL for Teaching & Research" organized by CUSAT and IEEE Cochin Subdivision on 15 May 2018

2.BARC outreach programme on the theme Atomic Energy for Brighter Future organized on 1st February 2018.

3.Industrial Exhibition "ELEX 2017" and National Seminar "Powering Future Kerala" hosted by KEL at CIAL Exhibition Centre, Nedumbasseri, Kochi, 13-15 Dec 2017

**Dr.Sony Kurian, Smitha Jacob, Breeza Paulose** attended Six-day Faculty Development Programme on Real Time Monitoring, Protection and Control of Power systems from 21st May to 25th May-2018 organized by Department of Electrical and Electronics Engineering, NIT, Calicut (MHRD - TEQUIP III).

**Mrs. Cini K, Ms.Aryasree G** attended Three Day Faculty Development Programme on "Advances in Smart Material Applications" at M ACE, Kothamangalam, 15th to 17th February 2018, sponsored by KTU.



## **Department of Information Technology**

**Mrs. Anju Susan George, Dr. Karthikeyan B, Mrs. Jesline Joseph, Mrs. Ann Preetha Jose, Mrs. Tiny Molly V, Mr. Prince Kurian, Mrs. Salini Dev P.V, Mr. Santhanu P. Mohan, Mrs. Diana Baby, Dr. Sheela.V.K** participated in the "Five-day Faculty Development Programme on IoT & R-Programming", organized by Department of Information Technology in association with ICT Academy of Kerala held at VJCET, Vazhakulam from 27th Nov 2017 to 01st Dec 2017.

**Mrs. Jesline Joseph, Mrs. Ann Preetha Jose, Mrs. Tiny Molly V, Mr. Prince Kurian, Mrs. Salini Dev P.V, Mr. Santhanu P. Mohan, Mrs. Diana Baby, Dr. Sheela.V.K, Mr. Jacob Mathai** participated in the Science and Engineering Research Board (SERB) Sponsored "National Conference on Recent developments in computational methods for renewable energy", 12th & 13th April 2018

**Mrs. Anju Susan George, Mrs. Juliet A Murali**, participated in the 10 days Workshop on "Research Methodology", organized by Board of Research, Development & Consultancy (BRDC), Noorul Islam Centre for Higher Education, Tuckalay from 11th Dec 2017 to 20th Dec 2017.

**Dr. Karthikeyan B** attended a "4-day Fab Lab FDP/ Hands-on training programme", organized by Kerala Startup Mission (KSUM) in association with Rajagiri School of Engineering & Technology (RSET) Sunya FabLab held at RSET, Cochin from October 23rd – 26th, 2017.

**Dr. Karthikeyan B** participated in the One-Day Faculty Development Programme on Design Projects conducted by A.P.J Abdul Kalam Technological University (KTU) at SCMS School of Management, Muttom, Cochin on August 21st, 2017.

**Dr. Karthikeyan B** reviewed a research paper for the IEEE Transactions on Circuits and Systems for Video Technology.

**Dr. Karthikeyan B** delivered a talk on ISTE sponsored "Syllabus enrichment program on Design Project" at VJCET on August 30th, 2017.

**Mrs. Jesline Joseph** participated in the Science and Engineering Research Board (SERB) Sponsored "National Conference on Recent developments in computational methods for renewable energy", 12th & 13th April 2018.

**Mrs. Diana Baby** participated in the "Five-day Faculty Development Programme on Cloud and high performance computing", organized by Department of CSE, MACE Kothamangalam from 14th JUL 2017 to 19th JUL 2017.

**Mrs. Tiny Molly V** participated in the "2nd Faculty Development Program on Discrete Mathematics and Graph Theory" organized by Department of Mathematics, Computer Science and Information Technology at Adi Shankara Institute of Engineering and Technology from 27th to 29th June 2017.

**Mr. Prince Kurian** attended Faculty Enrichment Programme on "Learning from Corporate Leaders" held on 8/11/2017 at MA College Kothamangalam

**Mr. Prince Kurian** participated in Ethical hacking workshop by Rajagiri College of Social science from 2/2/18 to 3/2/18

**Mr. Santhanu P. Mohan** participated in the "Five-day Faculty Development Programme on IoT & R-Programming", organized by Department of Applied Electronics & Instrumentation in association with INSARM held at RSET, Kakkanad from 29th Jan 2018 to 02nd Feb 2018.



## Department of Mechanical Engineering

**Mr. Martin Jose** attended three day FDP on Research stimulation at ASIET Kalady July 2017.

**Mr. Vinoj K** successfully Completed NPTEL Online Certification Course on "Manufacturing of Composites" (Jul-Sep 2017/8 week Course).

**Mr. Vinoj K** Participated in the FDP titled " New Challenges in Occupational Health, Safety and Environment" organized by the Department of Mechanical Engineering, Govt. Engineering College Thrissur from 23rd October to 27th October 2017.

**Mr. Rakesh Jose** attended AICTE Sponsored FDP on "META HEURISTICS AND TRIZ- EMERGING PARADIGM IN ENGINEERING PROBLEM OPTIMIZATION", 20th Nov- 1st December at PARK college of Engineering and Technology Coimbatore.

**Dr K Shunmugesh** attended in the AICTE QIP sponsored two week short term course on "Industrial Automation" organized by Dept. of Mechatronics Engineering during 20th November - 3rd December 2017 at Thiagarajar College of Engineering, Madurai - 625015

**Dr K Shunmugesh** attended in the AICTE QIP sponsored one week short term course on "Sustainable Textiles - Production and Application" organized by Dept. of Textile Manufacturing during 18th - 23rd December 2017 at VeermataJijabai Technological Institute, Mumbai - 400019.

**Mr. Martin Jose** attended one week FDP on Design & Engineering at MES Kuttipuram December 2017.

**Abin Paul** attended a one week faculty development programme on Recent advances in

nanotechnology at Government engineering college, Idukki ON 18/12/2017-22/12/2017

**Joby George**, Attended a two week Faculty development programme on Entrepreneurship conducted by NIT Calicut from 27-12-17 to 06-01-18

**Mr. Vinoj K** successfully completed " Material science : 10 Things Every engineer should know" an online course authorized by university of California, Davis and offered through coursera.

**Arun.K** attended a one week Faculty development programme on renewable energy conversion and management conducted by Saintgits college of engineering, Kottayam, from 23rd-27th April 2018.

**Mr. Vinoj K Associate professor, Mr. Benny Sebastian, Mr. Ullas K Mathew, Mr. Nixon George** Instructors dept of Mechanical engineering participated one day workshop on 3D Printing workshop conducted by EMI products and organized by ASME SJCET student chapter on 24th of March 2018.

**Thirteen staff** from department of mechanical engineering attended 5 day workshop on "Hyper Mesh Training Program" organized by Design Tech CAD academy from 19th April to 24th 2018.

**Abin Paul** attended a one week faculty development program on renewable energy conservation and management at Saintgits college of engineering on 23/04/2018 to 27/04/2018.

**K Shunmugesh** participated a two week Short Term Training Course On Industrial Automation conducted by Thiagarajar College of Engineering Madurai, India.

**K Shunmugesh** attended a one week QIP program on Sustainable Textiles conducted by VJTI Institute, Mumbai



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### Department of MBA

**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**



## Faculty Training Programs / Seminars attended

### Department of Computer Science & Engineering

Dr. Anishin Raj M. M, Anu Jose, Joe Mathew Jacob, Andrews Jose, Dona Jose, Soumya Mathew, and Jobin Jose attended ISTE Workshop on Models and Tools for Technical Research (02.02.17-03.02.17)

Dr. Anishin Raj M.M, Anu Jose, Joe Mathew Jacob, Andrews Jose, Dona Jose, Soumya Mathew, Cinitta Mary Mathew, Alphonsa Kuriakose, Rini Simon, Sabitha Raju, Sindhu Jose and Jobin Jose attended Two Day National Seminar on Recent Developments in Internet of Things Organized by Department of Information Technology (15.06.2017 - 16.06.2017)

Dr. Anishin Raj M.M, Basil Baby, Anu Jose, Joe Mathew Jacob, Andrews Jose, Dona Jose, Soumya Mathew, Cinitta Mary Mathew, Alphonsa Kuriakose, Arsha J K and Neenu Daniel attended National Seminar on Big Data and Cloud Computing Organized by CSI Student Branch and Department of CSE (27.06.2017)

### Department of Electronics and Communication Engineering

Ms. Merlin Thomas participated in FDP on Models & Tools for Technical Research, 2-3 February 2017 @VJCET

Ms. Merlin Thomas attended 20 hour npTEL online certification in Basic Electronics conducted by IIT Bombay on Jan –April 2017.

Ms. Merlin Thomas participated in 2 day National Conference on Recent Trends in Power Systems Technologies, organized by EEE Dept., VJCET, June'17

Ms. V. K. Vanitha Rugmoni attended 20 hour npTEL online certification in Basic Electronics conducted by IIT Bombay on Jan –April 2017.

Ms. Mary Nirmala George attended 12 week npTEL online certification in Computer Architecture conducted by IIT Madras on Jan –April 2017.

Viswajyothi College of Engineering & Technology



Mr. Krishnendu K attended 20 hour nptel online certification course in BASIC ELECTRONICS conducted by IIT Bombay on Jan –April 2017.
Mr. Krishnendu K Participated in two day national seminar on Recent Developments in Internet of Things on 15th, 16th June 2017
Ms. Vinija Kurian attended 20 hour NPTEL online certification in Basic Electronics conducted by IIT Bombay on Jan –April 2017.
Ms. Smitha Cyriac participate in two day national seminar on Recent Developments in Internet of Things on 15th, 16th June 2017
Ms. Jishamol L and Ms. Femy John presented a paper on “Handwritten Digit recognition: Convolutional Neural Network as a Classifier” in IJIRCCCE, Volume 5, Issue 4, April 2017
Ms. Priya G L secured one among the top 1% toppers of 20 hour nptel online certification course in BASIC ELECTRONICS conducted by IIT Bombay on Jan –April 2017.
Ms. Priya G L attended 4 weeks nptel online certification course in BASIC CALCULUS FOR ENGINEERS, SCIENTISTS AND ECONOMISTS conducted by IIT Kanpur on JAN–FEB 2017.
Ms. Priya G L attended 3 day national workshop on “Research issues on Medical Image Processing”, organized by Department of Electronics and Communication Engineering, Rajagiri School of Engineering and Technology from 10th – 12th April, 2017.
Ms. Priya G L participated in two day national seminar on Recent Developments in Internet of Things on 15th, 16th June 2017
Ms. Lekshmi MS attended 12 week nptel online certification in Computer Architecture conducted by IIT Madras on Jan –April 2017.
Mr. Melvin C Jose attended 20 hour nptel online certification course in BASIC ELECTRONICS conducted by IIT Bombay on Jan –April 2017.
<b>Mr. Melvin C Jose attended QIP short term course on Industrial Application of Terahertz Radiation conducted by IIT Kharagpur from 27th March to 2nd April.</b>
Mr. Melvin C Jose served as trainer on 17th February 2017 in programme on HDLC MATLAB by SITTR, Kalamassery Government Polytechnic Cherthala.
Ms. Anurani Philip attended QIP short term course on Introduction to Coding Theory conducted by IIT Kharagpur from 27th March to 2nd April.
Ms. Anurani Philip attended 8 week NPTEL online certification course by IIT Kharagpur.
Ms. Cuckoo Anitha Joseph attended a 2 day national seminar on Recent Developmant in IOT.
Ms. Ranjini Surendran attended 3 day program on Python and Python database Integration conducted by Infosys limited at Sahrdaya College of Engineering and Technology during 28th to 30th June 2017.
Ms. Ranjini Surendran attended 12 week NPTEL Online Certification course on Embedded System Design from January to April 2017 organised by IIT ,Kharagpur.
Ms. Ranjini Surendran attended 12 week NPTEL Online Certification course on Computer Architecture from January to April 2017 organised by IIT Madras,
Ms. Ranjini Surendran attended 12 week NPTEL Online Certification course on Fibre Optics from January to April 2017 organised by IIT,Roorkee.
Ms. Ranjini Surendran participated in 3 days National Workshop on Research Issues on Medical Image Processing From 10th April to 12th April 2017.
Ms. Ranjini Surendran participated in 1 day workshop on Neural Network and deep learning on April 7th 2017 conducted by VIT University, Vellore.
Ms. Ranjini Surendran scored among top 5% in NPTEL Online Certification course on computer Architecture organised by IIT, Madras.



Ms. Ranjini Surendran conducted class on Microcontroller under faculty scheme at women's Polytechnic College Eranakulam.

Ms. Niji Mathew attended a two day workshop on "Internet of Things".

### **Department of Electrical and Electronics Engineering**

The department of Electrical and Electronics Engineering organized One week Faculty Development Program in "Application of Power Electronics in Modern Power Systems" from 3rd – 7th January, 2017 in association with ISTE.

The department of Electrical and Electronics Engineering organized Technical talks by Alumni Mr. Anoop B and Mr. Akhileshkumar C on "Power System Protection" and "Electrical CAD: Applications & Opportunities" on 16th & 17th March 2017 respectively.

Mr. Aneesh Kurian delivered a technical Talk on Energy Management to Department of ME, VJCET, Vazhakulam on February 2017.

Dr. K K Rajan delivered a technical Talk on Role of Electronics Engineers Towards Energy Security For the Nation to Department of ECE, VJCET, Vazhakulam on February 2017.

Dr. K K Rajan delivered a technical Talk on Role of Mechanical Engineers Towards Energy Security For the Nation to Department of ME, VJCET, Vazhakulam on February 2017.

### **Department of Information Technology**

Anju Susan George attended Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.

Anju Susan George attended Two days ISTE Sponsored Workshop on "Models and Tools for Technical Research", 02/02/17 to 03/02/17.

Dr. B. Karthikeyan Participated in a National seminar on "Big Data and Cloud Computing", organized by CSI Student Branch and the Department of Computer Science and Engineering of Viswajyothi College of Engineering and Technology, Vazhakulam on 27th June 2017.

Dr. B. Karthikeyan Participated in the ISTE sponsored a Two day workshop on "Models and Tools for Technical Research", organized by Department of Mechanical Engineering, Viswajyothi College of Engineering & Technology, Vazhakulam, Ernakulam on February 02nd & 03rd, 2017.

Dr. B. Karthikeyan attended One day faculty development program on Networking Simulation using Netsim on 03rd May 2017.

Dr. B. Karthikeyan Organized "Two Day National Seminar on Recent Developments in Internet of Things (IoT)" on 15th & 16th June, 2017 at Viswajyothi College of Engineering and Technology, Vazhakulam, Ernakulam, Kerala as a Convener.

Dr. B. Karthikeyan Organized Expert Lecture on Recent Trends in Application Development, 23rd January 2017, R & D Hall, VJCET as a Committee Member.

Dr. B. Karthikeyan is an Invited reviewer for the national level conference "Advance Computing", 24th February, 2017.

Jesline Joseph participated Two days ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd & 03rd, 2017.

Jesline Joseph participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.

Dr. Sheela V. K. participated Two days ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd & 03rd, 2017.

Dr. Sheela V. K. participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017

Juliet A Murali participated Three days workshop on "Algorithm Design" at AdiShankara Institute of Engineering and Technology, Kalady from 12-01-2017 to 14-01-2017.



Juliet A Murali participated Two days ISTE Sponsored Workshop on "Models and Tools for Technical Research", 02/02/17 to 03/02/17.
Juliet A Murali participated One day FDP on Network Simulation using NetSim software with DELLSOFT Technologies Pvt. Ltd. 3-05-2017.
Tiny Molly V participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Tiny Molly V participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Prince Kurian participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Prince Kurian participated Three day FDP on "Cloud Computing" by Infosys from 28 to 31 March 2017 at Vidya Academy of Science & Technology Thrissur.
Prince Kurian participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Salini Dev P V participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Salini Dev P V participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Ann Preetha Jose participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Ann Preetha Jose participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Santhanu P Mohan participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Santhanu P Mohan participated Three day FDP on "Cloud Computing" by Infosys from 28 to 31 March 2017 at Vidya Academy of Science & Technology Thrissur.
Santhanu P Mohan participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Diana Baby participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Diana Baby participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Jacob Mathai participated Two day ISTE sponsored workshop on "Models and Tools for Technical Research", organized by ME Dept. VJCET, February 2nd& 03rd, 2017.
Jacob Mathai participated Two days National Seminar on "Recent Developments in Internet of Things", 15/06/2017 to 16/06/2017.
Jacob Mathai participated One day FDP on "R-Programming and Block Chain", organized by TCS Kochi 15/05/2017.



### Department of Mechanical Engineering

All MED Staff members attended Two Days FDP on the topic "Innovations in Material Engineering and Manufacturing" held at VJCET Vazhakulam from 20.02.2017 to 22.02.2017

All MED Staff members attended Two days workshop on "Models and Tools for Technical Research" held at VJCET Vazhakulam - from 02.02.2017 to 03.02.2016

Mr. Joby George attended FDP on "Recent Developments in Internet of Things (IoT)", VJCET, Vazhakulam, Kerala, 2016-17.

Dr. Sajan T John attended FDP on Business Analytics, organized by Analytics Society of India and Jain University on 2-3, March 2017.

Mr. Joby George attended FDP on "Manpower Planning Using Annualised Hours", NITC, Calicut, Kerala, 2016-17.

Mr. Joby George attended FDP on "Research Writing: Technical and Language Aspects", NITC, Calicut, Kerala, 2016-17.

Mr. Joby George attended FDP on "National Meet for Research Scholars in Mechanical Engineering", NITC, Calicut, Kerala, 2016-17.

Mr. Rakesh Jose attended a Six day FDP on "Advanced Mechanics of solids - Part I & II conducted by APJ Abdul Kalam Technological University in association with ICT academy of Kerala in Jan 2017.

Mr. Akash Paul Savio attended FDP on "Liberation Through Education" at FISAT - 2016-17

Mr. Nibin B attended FDP on "Entrepreneurship" at AJCE Kanjirapally - 2016-17

Mr. Abin Paul attended FDP on "Reverse Engineering" at Jyothi Engineering College Thrissur 2016-17

**2015-16**



## Faculty Training Programs / Seminars attended

Name	Department	Event	Date
Dr. Anishin Raj M M	CSE	'Distinguished Facilitator' of Inspire Faculty Excellence 2015 Infosys Limited at Mangalore Center	25/6/15
Dr. Anishin Raj M M	CSE	Faculty Enablement Program (FEP) on Foundation Program 4.0 (RDBMS) at Infosys	22/06/15-24/06/15
Dr. Anishin Raj M M, Andrews Jose	CSE	Workshop on 'Trusted Systems' organized by KTU at College of Engineering, Trivandrum	12/10/2015
Jobin Jose	CSE	Workshop on Advanced Embedded System Design on ZYNQ using VIVADO targeting ZED board at Dept.of CSE, NIT, Trichy	28/08/2015 29/08/2015
Amel Austine, Soumya Mathew	CSE	FDP on Agile Software Methodology and Developments TCS, Cochin	12/6/2015
Dr. Anishin Raj M M, Silpa Joseph, Sindhu Jose, Mili Els Jose, Shibu K R	CSE	2 Week Workshop on Technical Communication - IIT Bombay	30/11/2015 to 5/12/2015

Shibu K R,, Amel Austine, Basil Baby, Neenu Daniel, Ritty Jacob, Mayadevi P A, Sabitha Raju	CSE	Workshop on Nano Technologies at GEC Idukki	14/2/16 to 18/2/16
Dr. Anishin Raj MM, Andrews Jose, Shibu K R, Amel Austine, Basil Baby, Neenu Daniel, Ritty Jacob, Mayadevi P A, Sabitha Raju, Dona Jose, Sivadas T Nair, Sreeja S Pillai	CSE	Workshop on "Research Directions in Data and Text Mining" at GEC Idukki	4/1/2016 to 8/1/2016
Jobin Jose, Reshmi Cherian, Alphonsa Kuriakose, Soumia Mathew, Cinita Mary Mathew, Remya Paul	CSE	Workshop on Embedded Systems at College of Engineering, Kidangoor	4/1/2016 to 8/1/2016
Jobin Jose	CSE	Workshop on Bigdata Analytics at College of Engineering Kidangoor	23/11/2015 to 27/11/2015
Basil Baby, Neenu Daniel	CSE	Workshop on Social Networking Analytics at Illahia College of Engineering, Muvattupuzha	25/4/2016 and 26/4/2016
Bency Cleetus	CSE	STTP on Linux: Novice to Expert at GEC Thrissur	11/1/2016 to 15/1/2016
Bency Cleetus	CSE	Five day FDP on Emerging Trends in Embedded Systems at Sahrdaya College of Engineering and Technology, Kodakara	14/12/2015 to 18/12/2015
Soumia Mathew	CSE	One day Workshop on Data Mining at TCS Cochin	3/5/2016
Dr. Anishin Raj M M	CSE	Dr. APJ Abdul Kalam Startup Award and Interaction with entrepreneurs at Cochin College of Engineering	6/5/2016
Tintu Shine A. L, Bilu Baby, Lins Paul Kuriakose, Jerin Jose	CE	Workshop on Seismic Evaluation of Structures Incorporating Softwares at Mar Athanasius College of Engineering, Kothamangalam	14.10.15 to 16.10.15
Amrutha S, Bilu Baby	CE	STTP on Advancements in Environmental Engg at College of Engineering, Kidangoor, Kottayam	28.09.15 to 02.10.15
Daniel A. V	CE	STTP on Introduction to Structural Engineering at IIT, Kharagpur.	12/10/2015
Sharon Jacob	CE	STTP on Environmental Studies at Amal Jyothi College of Engineering and Technology, Kanjirapally	02.06.15 to 12.06.15
Devina Vipinan, Stephy Jacqueline George, Nivya Mary Abraham	CE	STTP on Introduction to Sustainable Engineering at Ccllege of Engineering, Trivandrum	18.06.15 to 20.06.15



Dr. Anoop C K	CE	STTP on "GIS for Civil Engineers" organized by IIT, Bombay	23rd May - 27th May 2016
Soorya R	CE	"Advancement of Technologies towards Sustainable Development" organized by Entrepreneurship Development cell and sponsored by Kerala State Council for Science, technology and Environment, Thiruvananthapuram	12th May 2016
Lins Paul Kuriakose	CE	The International Conference on Recent Advances in Civil Engineering organized by School of Engineering, Cochin University of Science and Technology	Jan 14- 16, 2016
Abhijith R	CE	a training programme on "Finite Element Method and Its Application in Structural Engineering and Hydraulics" held at NIT, Calicut	July 4 - July 10, 2016
Naveen Jacob	ECE	STTP on "Computational Electromagnetics using HFSS" at CUSAT	15th to 19th June, 2015
Smitha Cyriac, Anitta Thomas, Niji Mathews, Lekshmi M.S and Ranjini Surendran	ECE	ISTE, STTP on Technical Communication for Scientists and Engineers, IIT Bombay	November 30 - December 5 2015
Dr Rajesh Cherian Roy, V.K. Vanitha Rugmoni, Femy John and Sani John	ECE	2 day National Workshop on Emerging Trends in VLSI Design and Embedded Systems at Dept. of ECE, MACE	31st July and 1st August 2015
Krishnendu K, Melvin C Jose	ECE	Engineering Education and Research Seminar on LABVIEW at National Instruments, Kochi	28th October
Minu George	ECE	a one week industrial training program on "Embedded System Design" conducted by Digital Core Technologies, Kakkanad in association with Toch Institute of Science & Technologies.	20th to 24th June 2016
Dr. Rajesh Cherian Roy	ECE	"Winter school on Speech and Audio processing" at SSN College of Engineering and Technology, Chennai	8th to 11th January 2016
Cini K	EEE	one week faculty development programme on Development of Smart Power grid at GEC Trissur	2015
Jacob Mathai	IT	Fund Utilization And Design of Algorithms, IIT Kharagpur Algorithm Workshop	2/7/15
Anju Susan George	IT	One day seminar on Big data & cloud Computing at IBM Bangalore	13/8/15
Jacob Mathai	IT	NSS technical cell workshop at Kalamasery	9/10/2015

Jacob Mathai	IT	NSS SFC Workshop for Program Officers at MACE Kothamangalam	25/02/2016 & 26/02/2016
Anju Susan George & Diana Baby	IT	Faculty Development Program on IOT and Cloud Foundry at TCS,Kochi	16/02/2016
Juliet A Murali	IT	Faculty Development Program on Data Mining and Text Mining at TCS,Kochi	03/05/2016
Anju Susan George, Jesline Joseph, Juliet A Murali, Ann Preetha Jose & Tiny Molly V	IT	IIT Bombay Technical Communication for STEM faculty	08/10/2015 to 11/11/2015 and 30/11/2015 to 05/12/2015
Shunmugesh K	ME	AICTE Sponsored FDP On the topic "Computer Aided Product Design at SSNCE, Chennai	15th June – 27th June 2015
K. J. Devasi	ME	Education and research - conducted by National Instruments	28th October 2015
Leeba Varghese, Aravind S, Vinoj K	ME	Two Week ISTE Short Term Training Programme (STTP) on 'Technical Communication for STEM faculty, IIT Bombay	30th November to 05th December 2015
Shunmugesh K, Tijo Jose, Ajo Issac John	ME	Two Week ISTE Short Term Training Programme (STTP) on 'Technical Communication for STEM faculty, IIT Bombay	8th October to 5th December 2015\
Ajo Issac John, Eldhose Paul	ME	Two days workshop on Design and Engineering, at APJ Abdul Kalam Technological University, Thiruvananthapuram	October 30th and 31st 2015
Vinoj K	ME	TEQIP sponsored Workshop on 'Design And Engineering' at Government College of Engineering, Cherthala	28/12/2015 to 1/1/2016.
Dr. Sajan T. John	ME	National level one day workshop on Design and Engineering at FISAT	12/1/2016
Aravind S	ME	1 week FDP on Nano technology held at GEC Idukki	14-18 Dec 2015
Ajo Issac John	ME	2 week ISTE Workshop on Technical Communications conducted by IIT Bombay under NME through ICT	30/11/2015 to 05/12/2015
Ajo Issac John	ME	Two day workshop on 'DESIGN AND ENGINEERING' held at CET	30-31/10/2015
Eldhose Paul	ME	Two day workshop on 'DESIGN AND ENGINEERING' held at CET	30-31/10/2015



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Akhil K T, Abraham Antony, Eldhose Kurian, Unnikrishnan T G and Arun K R,	ME	a workshop on "Multi-phase flow" conducted by Saintgits College of Engineering and Technology	16-18 December 2015
Rakesh Jose	ME	TEQIP Workshop On 'Design And Engineering' at Government College of Engineering, Cherthala	28/12/2015 to 1/1/2016