Velalar College of Engineering and Technology
(Autonomous)
Accredited by NAAC with 'A' Grade & Accredited by NBA
Thindal, Erode - 638 012.

NEWSLETTER

INTERNAL QUALITY ASSURANCE CELL (IQAC)

VOLUME 19   **OCTOBER TO DECEMBER 2019**   **ISSUE 4**

Message From the Principal

Technology is the significant driver for Innovation that transforms ideas into reality and it is evolving at a blistering pace. It plays a major role in creating innovations in educational design and delivery. On the other hand, it is challenging task for a successful educational institution to instill the minds of young budding engineers with limitless interests and avenues for learning. VCET putforth its effort in nurturing such juvenile minds and preparing them to face the challenges in today's globalised world.   VCET in collaboration with reputed companies organizes industry specific trainings for students to keep them abreast with the latest developments in the field of technical education. VCET also provides opportunities for the students to develop industry ready skills such as communication, creativity and critical thinking. Faculties are the backbone of VCET who constantly upskill themselves by attending various Faculty Development Programmes, Industrial Seminars and Workshops, and online courses. This newsletter highlights the achievements of faculties and students in the field of academics, placement, innovations, sports and other departmental activities. VCET soars high in the sky and brings glory and development to the nation.

Inauguration of Alumni Bangaluru Chapter

Bengaluru Alumni Chapter was inaugurated on 31.11.2019. Dr. M. Jayaraman, Principal inaugurated the Chapter and delivered the inaugural address. Mr. R. Rajasekar, Consultant, Capgemini, Bengaluru, MCA (2012 – 2015) Batch from MCA was selected as the Secretary for Bangalru Alumni Chapter. More than 200 Alumni participated and shared their views.

DEPARTMENT OF BIOMEDICAL ENGINEERING

Association Activities

- Dr.N.Jeyashanthi delivered a motivational lecture on 'Women Empowerment' 11.10.2019.
- Dr.D. Aarthi, Department of MBA, delivered a motivational talk on 'Success Highway' on 19.11.2019'

- BIONIKX and Student Association organized an Intra Quiz competition for all the BME students on 15.10.2019. A.Nijana of II Year and A. Jeeva of III Year won the prizes.
- S.Sudharsan(Alumnus) gave an detailed idea about job opportunities in the biomedical field on 25.10.2019.

Students Activities

  B. Preethi of III Year & K. Priyanka of II Year were awarded Elite+Silver Certification, Eight students were awarded Elite Certification and Twenty students successfully completed the NPTEL Online Certification course conducted by the MHRD, Govt. of India & IIT K haragpur.

DEPARTMENT OF CIVIL ENGINEERING

Grants received
Dr.E.Ravi acted as Co -Principal Investigator for project title 'An Investigation of Thermal Resistivity's of Soil Profile for the Installation of UG LT/HT cables and Oil /Gas pipelines in Smart Cities' fund approved under RPS from AICTE.

Consultancy Activity
Dr.E.Ravi and **Ms.A.Anitha**, generated an income of Rs.4,000/- through testing of concrete cubes and bricks.

Survey Camp
The survey camp was organised for the 2018-2022 Batch students during 09th to 13th December 2019 at Arasanamalai, Vijayamangalam, Erode. During the camp, various types of surveying like Triangulation survey, Block Contouring, Radial contouring, Longitudinal and Cross sectional (LS and CS) surveying of roads and digital surveying using Total Station survey and GIS was carried out.

Students Activity
NPTEL Certificate:

- The following second year students successfully completed a 12 week NPTEL online certificate course on 'Glass in Buildings Design & Applications' with Elite tag. V.N.Dharani, P Mayurii, V Viveka, S Suvetha and Jeevitha R

- The following final year students successfully completed a 12 week NPTEL Online Certificate Course on 'Glass in Buildings Design and Applications' with Elite tag. Rajpreethi S, DhanaVenkatesh S, Senthil Kumar S, Indhumathi T, Priyanka S V, MuthuPranesh K, ShakthiSanjuna S, V P Shalini, Santhosh M, Samuvel R, T Prasannnakumar, Dyanesh T, V Vignesh, P Preethiga, Shiva Sankar S and Gayathri K.

- The following final year students successfully completed a 12 week NPTEL Online Certificate Course on 'Glass Processing Technology'. Priyanka S V, MuthuPranesh K, Gayathri K, Narmadha T, V P Shalini, Santhosh M, Shiva Sankar S, Prabha M, Rajpreethi S, Karthika M, Indhumathi T and P Preethiga

Internship
Twenty two students of final year undergone an internship in construction companies Viz. M/s. SRS Associates, M/s.J.Sivananda Pateeswaran Company, M/s.JPG Housing and projects, M/s. K.Saraswathi & Co, M/s. Sirushti Constructions, M/s.Optimal consultants and contracts, M/s. M.N.Constructions, M/s. Suresh Associates, M/s. SR Subramani Civil Engineering Contractor and M/s. Arch4foundation, Coimbatore.

DEPARTMENT OFCOMPUTER SCIENCE AND ENGINEERING

Programs Organized by the department
The Department of Computer Science and Engineering and ICT Academy jointly organized and celebrated 'Cloud Literacy Day'2019 on 23.10.2019 and 24.10.2019 for all the first and second year UG students. Dr. S. Jabeen Begam, HoD/CSE and Dr V.K.Manavala Sundaram, HoD/IT addressed the gathering. All the first and second year students attended the course and got benefitted.

Association Activities
- A Technical Seminar on 'Fundamentals of Cloud Computing & Aws' was conducted on 03.10.2019. Ms. Bhuvanaeshwari Subramani, Director Engineering, Operations at Infor, Bangalore delivered the lecture and explained the recent trends on Cloud Computing.

- A Technical Seminar on 'Cyber Security' was conducted on 20.12.2019. Mr.Chandraprakash Sankar, Cyber Security Consultant, Hackers Infotech, Erode delivered the lecture. Pre-Final year students attended the seminar and got benefitted.

Department of Electronics and Communication Engineering

Grants received
- Dr. K. R.Valluvan, and M.Vijayan received a grant of Rs.3.74 lakhs from All India Council for Technical Education under the scheme RPS.
- Dr. K. Venkatachalam, Dr. V. Chandrasekaran and Dr. P. Brindha received a grant of Rs.3.75 lakhs from All India Council for Technical Education for organizing a one-week STTP.

AICTE Sponsored STTP
A Six day AICTE Sponsored ShortTerm Training Program on 'Design and Development of Engineering Applications using Free/Open Source Software (FOSS)' was conducted from 25.11.2019 to 30.11.2019.Ms. Shyama Iyer, Project Coordinator, Spoken Tutorial Project, IIT Bombay, Govt of India, MHRD inaugurated the STTP and delivered a special lecture on Free and Open Source Software for Developing Engineering Applications. Mr. Deepak Kumar Pandiyan, FOSS Coordinator, Excel Engineering College, delivered a special lecture on 'How to create Moodle?' and hands on session to the participants. Mr. M. Raja, Associate Professor of ECE Department, Institute of Road and Transport Technology, delivered a special lecture on 'Wireshark' and conducted the hands-on session. Dr.K.R.Valluvan, Professor of ECE delivered a Special lecture on 'Open Source Hardware-Arduino'. Dr. G. Murugesan, Professor and Head of ECE, Kongu Engineering College delivered a special lecture on 'Network Simulator-NS$_2$'.Around 65faculty members participated in the STTP from various institutions.

Association Activities

Placement Activities

- One student got placed in Wipro Technologies Technical hunt, Chennai.

- One student got placed in Wipro Technologies PRP, Chennai.

- Eight students ECE got placed in Cognizant Technology Solutions India Private Limited.

- Eight students ECE got placed in Infosys, Chennai.

- Totally ECE department got 29 offers in MNC. Mathumathi of ECE got dual offers.

Students Activities

- 13 students attended 12th International Symposium on 'High Energy materials Conference and Exhibit' held at IIT Madras and visited to ISRO from 16.12.19 to 18.12.19.

- 32 Students of Second year undergone an Internship training on 'Fundamentals of Telecom' in BSNL, Erode for the duration from 02-12-2019 to 14-12-2019.

- 17 Students of Final year are undergoing an internship training in various companies like Orion Governance - Chennai, Intech systems, Chennai, Uniq Technologies, Chennai, Real tech systems, Erode, Sri Adhiswaran technologies, Erode and Pantech ProEd, Trichy for the duration of about 60 to 90 days from December 2019.

- Second year Students had undergone IPT and Internships in various companies like LITZ Tech, emglitz Technologies, EG Technologies, Dagslore Technology Solutions, SAI Incubation Centre and Spectrum Digital Infocom.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Association Activities

Guest Lecture

A Guest lecture on 'Energy Conversation and Management' was organized on 18.12. 2019. Mr.K.Anilkumar, Empaneled Speaker, PCRA & Ex Senior Marketing, Manager-BPCL., was the Resource person.

Placement Activities

- Mr.A.Dinesh,V.Harish,S.Ravichandran,S.Rahul,B.Sibik rishan,E.Tamilselvan,V.Yupragadeesh,A.Aravindhraj,of Final year EEE students placed in YSI Automation Company.

- Mr.N.S.Santhoshkumar, of Final year EEE students placed in Hexaware Technologies.

- Mr.G.Giri sankar,R.Parimala, of Final year students placed in CTS.

- Mr.Karthik raja, R.Kesavapriya, of Final year students placed in Infosys.

DEPARTMENT OF INFORMATION TECHNOLOGY

Association Activities

Workshop

The Students' Association of INFOAUXANO conducted a workshop on 'Server side web application creation' for the benefit of the third year students on 04.10.2019. Mr.A.Prabhu, senior software Engineer, Practo Technologies handled the session. He trained the students on how to create a web application using ruby on rail framework.

Intradepartmental Meet

An Intra Departmental Meet was conducted on 11.10.2019. The students have participated in various technical and non-technical events.

Placement Activities

- S. ArvindhPrasadh, P. V. Kaviyadurga, R. Madhubala, S. Mehanaz Begum, P. Praveen and S. Tharanishri(Final –IT) got placed in Infosys Limited.
- S. T. Poorani and K. Saranya (Final – IT) got placed in Excelacom Technologies.

Student Activities

- A total of 13 students participated in various technical and non-technical events organized by various colleges.
- M. Moulidharan(III-IT) participated in the photography contest 'Patterns' conducted by Bannari Amman Institute of Technology, Sathyamangalam, Erode on 04.10.2019 and won the first prize.
- T. Krishnaa, G. Saranya, M. Priya and S. Sujith(III-IT) participated in a 3 day residential workshop 'Think Create Engineer' conducted by PALS at IIT Campus from 17.12.2019 to 20.12.2019.

NPTEL

- A total of 37 students successfully completed the NPTEL online certification course conducted during November - 2019. 21 students secured Elite Tag.
- S. Khavya (III-IT-A) secured Elite+Silver.

DEPARTMENT OF MECHANICAL ENGINEERING

Programs organized by the department
Workshop:
TNSCST sponsored, a one-day National level seminar on 'Artificial Intelligence Techniques and their Applications in Design and Manufacturing' was organized on 21.12.2019. Mr.C.Vengudupathy, Senior Project Manager, Robert Bosch Engineering and Business Solutions (P) Ltd, Bengaluru was the Chief Guest. He inaugurated the function and delivered the keynote lecture on Applications of AI in Manufacturing System. Dr.B.Meenakshipriya, Associate Professor, Department of Mechatronics Engineering, Kongu Engineering College, Perundurai delivered a lecture on Robotics in Digital Manufacturing Applications. Dr.K.R.Ananth, Professor, Department of Master of Computer Applications, Velalar College of Engineering and Technology, Thindal delivered a lecture on the Artificial Intelligence Techniques and their Implementation.

Association Activities:

SAE Tier-I Events:
SAE INDIA VCET Collegiate Club conducted Tier-I events for second and third year students on 'Sheet metal, Business plan, Entrepreneurship, Bridge Building, Welding, Prototype Modeling, Material Identification, How Things Work, Threading & Taper Turning, Diagrammatic Reasoning, Group Discussion and Bi-cycle Assembly & Maintenance' on 17.10.2019.

Placement Activities:
- S.B.Dharani, V.Thuvarakesh and O.M.Yuga Saisabari Final year got placed in Cognizant Technology Solutions, Chennai.
- 27 Students of Final year got placed in Woosu Automotive Pvt. Limited, Perambakkam.
- 25 Students of Final year got placed in YSI Automotive Pvt. Limited, Siruvedal.

Students Activities:
- Final year students M.AjayDev, A.Dharanidharan, P.Karthikeyanand C.Dhakshith has secured 4th place in the state level 'RC CAR' event held at Manipal Institute of Technology, Manipal, Karnataka.
- Final year students M.Sivakumar, M.Yogeshwaran and S.Ruthikesan presented project as 'Design and Fabrication of Cassava Planting Machine' and awarded as 'State Level ISTE-Manakula Vinayagar Award for the Best Student Project' at PSG Institute of Technology and Applied Research, Coimbatore.
- 12 students attended workshop in various topics in other colleges.
- 6 students presented their project in various institutions.

DEPARTMENT OF MEDICAL ELECTRONICS

Association Activities

AWARENESS & CHECK-UP CAMP
MEDIECLETIX, MedTech Club and Dr.Mohan's Diabetes Centre, Erode jointly organized a. Diabetes Awareness & Check up Camp on 13.11.2019. Dr.K.M.Jeedhanderan, Dr.Mohan's Diabetes Centre, Erode delivered a guest lecture on signs and symptoms of diabetes, risk factors, management and its prevention.

Our alumnus Mr.S.Sudharsan, Entrepreneur, delivered a lecture on 'Scope and Opportunities for Clinical Engineers' for the Second year students on 25.10.2019.

Students Activities
- Second year students participated in 15 activities including paper presentation, project presentation, poster presentation and other events.

- Sabari.M and Harish.P of Second year won the First prize in the event Circuit Debugging at Excel College of Engineering & Technology on 05.10.19.

- Saranya.R and Sowndharya.K of Second year won Third prize in the event Poster Presentation at Excel College of Engineering & Technology on 05.10.19.

In-Plant Training:
Jesslin Francis, Lavanya.P, Saranya.R, Shilparaji P, Soumiyaa Devi.B, Sowndharya K, Pavitra D of Second year MDE underwent an In Plant Training at Erode Medical Centre for 2 days from 04.12.19 to 05.12.19.

DEPARTMENT OF MBA

Seminar
A One Day Seminar on 'Investment Avenues in Stock Exchange Market and Mutual Funds', was conducted on 01.10.2019 . Mr.R.Barathkumar, Deputy Manager, Angel Broking Private Limited, Coimbatore was the Resource Person.

Inhouse Seminar
In-house Seminar for Second Year Students was conducted on 03.10.2019. Mr.K.Shakthivel presented a seminar on 'Find Your Own Way'.

In-house Seminar for Second Year Students was conducted on 10.10.2019. Mr.S.Rohan presented a seminar on "Hard!!!Smart!!!Success!!!".

Special Lecture

A Special Lecture on 'Financial Literacy for General Public' was conducted on 04.10.2019. Mr.T.Sathish, Trainer, Learning Links Foundation & Founder, EERAM Economical and Educational Development Trust, Neyveli was the Resource Person.

Seminar

A Seminar on 'Challenges and Opportunities for Management Students in Corporate World' was conducted on 14.10.2019. Mr.P.Anjesh, Corporate Trainer and Buyer Communicator was the Resource Person

Workshop

A two day Workshop on 'Behavioural Sciences and Life Skills' was conducted on. 18.10.2019 and 19.10.2019. Jc.K.R.Ashok and Jc.K.A.Gautham, JCI Zone Trainer and Behavioural Coach, Able Training Institute, Erode conducted the training session on team building and communication skills through case studies and activities.

Technical Symposium

A One Day National Level Students Technical Symposium was conducted on 24.10.2019 . Mr.K.S.Sabhapathi, Head – Project Management Operations (PMO), Wipro Technologies, Chennai was the Resource Person and delivered a special address on 'Recent Trends in Indian Business Scenario'.

Industrial Visit – Tex Valley

I MBA students visited Tex Valley Market on 29.11.2019. They gained a practical experience and learning on Marketing of Branded and Non-Branded Products among the Consumers.

Co-Curricular Activities of The Students

* R.Abirami & P.Shanmuga priya of II Year and S.Kiruthiga & R.Keerthana of I Year participated in Art from Waste event of "Henosis'19" conducted at Sasurie College of Arts & Science, Vijayamangalam on 01.10.2019.
* S.Kiruthiga of I Year participated in Poster Making event of "Henosis'19" conducted at Sasurie College of Arts & Science, Vijayamangalam on 01.10.2019

DEPARTMENT OF MCA

Guest Lecture

A Guest Lecture on 'Internet on Things' by Mr. P. Suresh Rajkumar, CEO & Director, SOFS INDIA, Salem was organized on 04.11.2019.

Student Activity: Poster Making was conducted on 02.12.2019 for the MCA students to develop their creativity ideas. The winners are awarded with certificates. First prize backed by Haridha G, Rekha V Second prize backed by Balaabirami B, Saranya V.

Placement Activities:

* M.Selvavignesh Placed in Suresoft Systems
* K.Nandhini Placed in WorkLine Private Limited, Chennai
* N.Harshini Placed in Hexaware Technologies, Chennai
* J.Y.Saritha Placed in Atos Syndel

CONFERENCE /WORKSHOP / SEMINAR / FDP PROGRAMS ATTENDED BY FACULTY

Department of Biomedical Engineering

M. Menagadevi attended High Intense Course on 'Machine Learning with MATLAB' at Coimbatore Institute of Technology, Coimbatore from 19.10.2019 to 23.10.2019. **Six faculty** members attended AICTE sponsored Short Term Training Programme on 'Design and development of Engineering Applications using Free/Open Source Software (FOSS) from 25.11.2019 to 30.11.2019 at VCET. **V.Vivekitha** attended Faculty Induction Programme for teachers in higher education organized by MHRD at Teaching Learning Centre, Indian Institute of Information Technology, Kancheepuram, Chennai from 25.11.2019 to 13.12.2019.

Department of Civil Engineering

Dr.E.Ravi, 'Synthesis and development of Novel Sensitizer from spirulina for Bio-Sensitized Solar cells' in an International Conference on 'Multidisciplinary Innovations and Research' (ICMIR'19) organized by Assumption University of Thailand from 04.10.2019 to 05.10.2019.

Dr.E.Ravi and Mr.S.Suresh, 'An Experimental study on Geopile installed in Expansive clay' in Indian Geotechnical Conference 2019 – GeoINDUS organized by Indian Geotechnical Society, Surat Character and Sardar Vellabhbhai National Institute of Technology (SVNIT), Surat from 19.12.2019 to 21.12.2019.

C.karthik, attended a Two week AICTE sponsored Faculty Development Programme titled 'Analysis and Limit State Design of Structural Steel Works as per IS: 1983-2016 & IS: 800-2007' conducted by Government College of Engineering, Salem from 13.11.2019 to 26.11.2019.

C.Karthik successfully completed and secured grade A+ in 'LaTeX101x: LaTeX for Students, Engineers, and Scientists' an online course conducted by IIT Bombay, organised by Indian Institute of Technology Bombay during September to December 2019.

D.Sakthivel, attended an AICTE sponsored short term course titled 'Modeling and Control of Traffic under mixed conditions' organized by Indian Institute of Technology Madras, Chennai from 02.12.2019 to 07.12.2019.

A.Anitha attended a workshop titled 'Research Scholars Empowerment Programme-III (RSEP – III) organized at Coimbatore Institute of Technology, Coimbatore from 14.10.2019 to 18.10.2019.

S.C.Sarath Kumar participated in a Five day Hands on Training on ETABS', Teaching Learning Centre at Coimbatore Institute of Technology, Coimbatore from 22.11.2019 to 26.11.2019.

S.C.Sarath Kumar participated a One week Faculty Development programme on 'CE8601 – Design of Steel Structural Elements' at Dr.N.G.P Institute of Technology, Coimbatore from 02.12.2019 to 07.12.2019.

C.Pranesh attended a one day workshop on 'Structural Design of Building Systems' at Indian Institute of Technology Madras, Chennai on 28.12.2019.

S.Ramesh Kumar participated and secured 1st Rank in the exam conducted by an AICTE sponsored short term course titled 'Modeling and Control of Traffic under mixed conditions' at Indian Institute of Technology Madras, Chennai from 02.12.2019 to 07.12.2019.

Department of Computer Science Engineering

Dr.V.Latha Jothi participated in UGC sponsored Workshop on 'Objectives of "PARAMARSH' and Preparation of SSR as per revised NAAC Framework' on 21.12.2019 at Vellalar College for Women, Erode.

D.Nithya attended a Two Day CSIR Sponsored National Level Seminar on 'Rural Transformation by Revolutionizing the future of Agriculture with smart Farming Technique using Industrial IOT, Artificial Intelligence& Big Data Analytics' on 12th &13th December 2019 at Hindustan College of Engineering and Technology, Coimbatore.

Seven faculty members participated in a six day AICTE Sponsored Short Term Training Program (STTP) on "Design and Development of Engineering Applications using Free/Open Source Software (FOSS)" from 25.11.2019 to 30.11.2019 at Velalar College of Engineering and Technology, Erode.

Department of Electronics And Communication Engineering

S. Pooranachandran, attended a Two day Training Program on 'IIC Innovation Ambassador Training Series' organized by Institution's Innovation Council and MHRD's Innovation Cell at Sri Krishna College of Engineering and Technology from 06.1.2020 to 06.1.2020.

N. Karthikeyan, completed online course on 'Introduction to network and network security' at Udemy on 08.1.2020.

Dr. S. Mahendrakumar attended a Three day Faculty Development Program on 'Outcome based Education' at Teaching Learning Centre, IIT Madras from 16.10.2019 to 18.10.2019.

Faculty members of ECE department attended AICTE sponsored STTP on 'Design and Development of Engineering Applications using Free/Open Source Software (FOSS)'from 25.11.2019 to 30.11.2019 at Velalar College of Engineering and Technology, Erode.

Department of Electrical And Electronics Engineering

S.K.Manikandan, attended a three-day Faculty Development Programme on 'Teaching Learning Centre' at IIT Madras from16.10.2019 to 18.10.2019.

C.Radhika, attended a two week Faculty Development Programme on 'Internet of things -Vision, Architecture, Building Applications and Research Challenges' at Kongu Engineering College on 18.11.2019 to 01.12.2019.

S.Yamuna & S.Gokulabrindha, attended a one week Short Term Training Programme on 'Innovative Andragogical and Effective Teaching Learning Methodologies for Millennium Generation Learners' at KPR Institute of Engineering and Technology from 18.11.2019 to 23.11.2019.

Dr.P.Sakthivel, S.Saravanan, D.Sasipreetha, V.Sabarivel attended a two week Faculty Development Programme on 'Recent Trends in Driverless Electric Vehicle Technologies' at IRTT on 24.11.2019 to 07.12.2019.

Department of Information Technology

R. Maheshwari attended a 3 day residential workshop 'Think Create Engineer' conducted by PALS at IIT Campus from 17.12.2019 to 20.12.2019.

C. Saravanan and A. Logeswaran attended the CSIR Sponsored a two day National Level seminar on 'Rural Transformation by Revolutionizing the Future of Agriculture with Smart Farming Techniques using Industrial IOT, Artificial Intelligence and Big Data Analytics' at Hindusthan College of Engineering and Technology on 12.12.2019 and 13.12.2019.

Dr. V. K. Manavalasundaram, Dr. K. Ganesh Kumar, C. Saravanan and A. Logeswaran attended the Faculty Development Programme on 'Machine Learning using Python and Data Analytics using Hadoop' conducted by Erode Sengunthar Engineering College, Perundurai on 16.12.2019 and 27.12.2019.

Dr. V. K. Manavalasundaram, R.Mynavathi, T. Premamala, V.Leela, C. Saravanan and A. Logeswaran attended a AICTE sponsored Short Term Training Programme on 'Design and Development of Engineering Applications using Free/ Open Source Software(FOSS)' conducted by Velalar College of Engineering and Technology from 25.11.2019 to 30.11.2019.

Department of Mechanical Engineering

M. Prakash participated as a delegate in SAE International Conference ADMMS 2019 on 'Advances in Design. Materials, Manufacturing and Surface Engineering for Mobility' at Madras Institute of Technology, Chennai on 11.10.2019 & 12.10.2019.

Dr.R. Kumaravelan attended AICTE Sponsored Short Term Training Programme on 'Design and Development of Engineering Applications using FREE/OPEN Source Software (FOSS)' at Velalar College of Engineering and Technology, Erode from 25.11.2019 to 30.11.2019.

Department of Medical Electronics

B.Abitha and **R.Dhivya**, attended a six day AICTE sponsored STTP on 'Design and development of engineering applications using free/open source software' at Department of Electronics and Communication Engineering, Velalar College of Engineering and Technology, Erode from 25.11.2019 to 30.11.2019.

Department of MBA

Dr.T.Vetrivel participated in a six day AICTE Sponsored STTP on, 'Design and Development of Engineering Applications using Free / Open Source Software (FOSS)' at VCET, Erode from 25.11.2019 to 30.11.2019.

N.Balachandran participated in a two day International Conference on 'Rural India provides growth opportunities for packaged foods' at Government Arts College, Dharmapuri from 16.12.2019 to 17.12.2019.

Department of Mathematics

Dr.K.Rathi and Ms.R.Thilagavathi has attended the One Day National Seminar on 'Probability Theory & Linear Algebra in Artificial Intelligence 2019' conducted by the Department of Mathematics held on 08.11.2019 at Coimbatore Institute of Technology, Coimbatore.

Department of Physics

Dr. Deepa Jananakumar has attended Faculty Development Programme on 'Accreditation and Outcome Based Learning', from Aug to Oct 2019.

LECTURES / KEY NOTE ADDRESS / NPTEL / CONFERENCE PRESENTED BY FACULTY

Department of Biomedical Engineering

B. Pradeepa acted as a resource person of the lecture on 'Radio chromic film digitizers' at Kongu Engineering College, Erode on 13.012.2019.

NPTEL Certification

The following faculty members successfully completed the NPTEL Online Certification and AICTE approved FDP course by the ministry of HRD, Govt. of India & IIT Kharagpur.

- Dr.N.Jeyashanthi & K.S. Kausalya Devi awarded Elite+Silver Certification for the courses Biomedical nanotechnology & Accreditation and outcome based learning course.
- Dr.P. Ravikumar & S. Maheswari awarded Elite+Gold Certification for the course Accreditation and outcome based learning course.
- Dr.R.Prabu awarded Elite+Silver Certification for Accreditation and outcome based learning course.
- Ms.T.Yamuna Rani awarded Elite+Gold Certification for the course Accreditation and Outcome based Learning & Elite Certification in Basic electric circuits course.
- Ms.R. Indhumathi, S.Yamuna Devi awarded Elite+Silver Certification for Accreditation and outcome based learning course.
- Ms.A. Kalyani & G.Kanimozhi awarded Elite Certification for the course Accreditation and Outcome based Learning & successfully completed the Basic Electric Circuits course.
- Ms.V.Vivekitha awarded Elite Certification for The Joy of computing using python course.

Department of Civil Engineering

Dr.E.Ravi, acted as Session Chair person in an International Conference on 'Multidisciplinary Innovations and Research' (ICMIR'19) organized by Assumption University of Thailand, Thailand from 04.10.2019 to 05.10.2019.

NPTEL Certificate

S.Suresh successfully completed the NPTEL Online Course on the Course 'Structural analysis I' and 'Accreditation and Outcome based Learning' with Elite and Silver tag.

Mr.C.Karthik and K.Ramya successfully completed the NPTEL Online Course on the Course 'Accreditation and Outcome based Learning' with Topper and Elite tag.

Mr.S.C.Sarath Kumar successfully completed the NPTEL Online Course on the Course 'Accreditation and Outcome based Learning' with Elite + Gold tag.

Dr.E.Ravi and A.Anitha successfully completed the NPTEL Online Course on the Course 'Accreditation and Outcome based Learning' with Elite tag.

Department of Computer Science And Engineering
NPTEL Certificates:

Dr.S.Sadesh received NPTEL and FDP certificate with ELITE tag for the course 'Software Project Management'.
Dr.S.Sadesh received NPTEL and FDP certificate with ELITE + SILVER & Topper tag for the course 'Stress Management'.

Dr.S.Sadesh received Active SPOC from SWAYAM-NPTEL Local Chapter for best performance of our college in Jul-Dec 2019.

Department of Electronics And Communication Engineering

Mr.K. Senthil Prakash, Dr. S. Mahendrakumar, V. Gowrishankar, N.Karthikeyan, G.Boopathi Raja and T.Sathya acted as a resource person for AICTE sponsored STTP on'Design and Development of Engineering Applications using Free/Open Source Software (FOSS)' at Velalar College of Engineering and Technology, Erode.

NPTEL Certificate:

Dr. S.Rajan, successfully completed a 12 week NPTEL and FDP Course on 'Introduction to Internet of Things' with Elite tag,

Mr.G.Boopathi Raja and S. Surender' successfully completed a 12 week NPTEL and FDP Course on 'Introduction to Internet of Things' with Elite+Silver tag.
Mr.G.Boopathi Raja and T.Sathya successfully completed a 12 week NPTEL FDP Course on 'Digital Image Processing' with Elite tag.

Department of Information Technology

Ms.N. V. Keerthana completed the NPTEL online certification course 'Cloud Computing' and secured Elite in NPTEL exam conducted during November - 2019.

Department of Medical Electronics

Dr. V. Chandrasekaran, S.B.Abitha and R.Dhivya successfully completed an 8-week NPTEL course- Accreditation and Outcome Based Learning with Elite Silver, Elite Gold and Elite Silver respectively.

Department of Science and Humanities

Mrs. M. Priya, presented paper 'Corrosion Inhibition on Mild Steel using Shrimp waste in 1M H_2SO_4' in the DST-SERB Sponsored One day National Conference at Bannari Amman Institute of Technology on 11.10.19 & 12.10.19

NPTEL Certificate:

Dr. Deepa Jananakumar has successfully completed the course 'Accreditation and Outcome Based Learning' with the consolidated score of 64% during the period Aug-Oct 2019.

Dr. S. Ranjitha has successfully completed the course 'Solar Photovoltaics and Fundamentals, Technology and Applications' with the consolidated score of 56% during the period Jul-Sep 2019.

JOURNAL PUBLICATIONS BY FACULTY MEMBERS

Department of Biomedical Engineering

Dr.S.Mangai, 'Ensembled Population Rescaled Differential Evolution with Weighted Boosting for Early Breast Cancer Detection', International Journal of Mobile Networks and Applications, Vol. 24 Issue:9, ISSN 1572-8153, pp.No:1778-1792, October, 2019.

V.Vivekitha, 'Segmentation of Multi-tumor from PET/CT images', International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN 2278-3075,Vol.8, issue 12S2,pp. 170-176 ,October 2019.

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AWARD OF PHD

Mr. S. Mahendrakumar, Associate Professor completed his Doctoral Degree from Anna University, Chennai, during October, 2019. His research title is Performance Testing of Smart Antenna in Wireless Ad Hoc Networks, his area of interest includes Antenna, RF and Microwave and Ad Hoc Networks. He has published 16 papers in National and International Journals and presented papers in various Conferences.

Ms. T.Mohanapriya completed her Doctorate of Philosophy in Bharathiar University, Coimbatore during December 2019. Area of interest includes Finance and Marketing. She has Presented 22 papers in National and International Conference and published 16 articles in National and International Journals.

Dr. R. Lavanya Dhevi has completed her Doctoral degree in Physics from Bharathiar University, Coimbatore on 11.10.2019. Her research area is 'Synthesis and Characterization of Cellulose Triacetate Film Coated by Cyanine and Natural Dye Exposed to DC Glow Discharge Plasma'. She has published 6 research papers in peer reviewed National and International Journals and attended various National and International Conferences.

Research Activities:

- Research scholar Mr.K.R.Shankarlal has successful completed the Ph.D Viva Voce oral examination on the topic 'Studies on Alternate Materials for the improvement of subgrade and bituminous layer of flexible pavement over expansion soil' under the supervisor Dr.E.Ravi at VCET on 02.12.2019.
- Three Ph.D candidates under the supervision of Dr. K. R.Valluvan completed their viva-voce examination.

AWARD / RECOGNITIONS

Dr. K. R. Valluvan, Professor of ECE Received Best Engineer award from 'The Institution of Engineers' and honored on the 52nd Engineers Day Celebration held on 19.10.2019.

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