



# Velalar College of Engineering and Technology (Autonomous)

Accredited by NAAC with 'A' Grade & Accredited by NBA  
Thindal, Erode - 638 012.

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

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### Message From the Principal

“Leaders are made, they are not born. They are made by hard effort, which is the price which all of us must pay to achieve any goal that is worthwhile.”



It is a great pride and pleasure to reminisce the glory of achievements and set forth the targets for accomplishments in the abounding opportunities prevailed. The college offers quality based education with the benevolence of humanity and career guidance. The pedagogical values and human ethical values go in hand for the transformation of society. The amenities provided in academic and non-academic realms resulted tremendous progress that has been well reckoned through the meritorious intellectuals possessed by well-established concerns. This learning platform would convert the ever-longing thoughts into ever cherishing deeds. The aspired budding engineers with the experienced and dedicated teachers and excellent infrastructure would empower to attain their goals in life.

I would like to be grateful to the VCET family for the relentless support and co-operation in every field that would motivate to acclaim with superficiality in the circle of academia. I congratulate the students for their efforts and wish them great success in all their endeavours.

### Inauguration of Alumni Chennai Chapter

Chennai Alumni Chapter was inaugurated on 21.09.2019 at Chennai. Dr. M. Jayaraman, Principal inaugurated the Chapter and delivered the inaugural address. Mr. S. S Gokulnathan was selected as the Secretary for Chennai Alumni Chapter. More than 200 Alumni participated and shared their views.



### 50<sup>th</sup> Year Celebrations

Golden Jubilee Celebration of Vellalar Educational Trust was held from 19.08.2019 to 26.08.2019 which was presided over by Thiru G.K. Vasan, President, Tamil Maanila Congress. Thiru.S.D.Chandrasekar B.A, Secretary gave the welcome address in the presence of Thiru C.Kathiravan IAS



District Collector Erode. Golden Jubilee address was given by Hon'ble Chief Minister of Tamilnadu, Thiru Edappadi K.Palaniswami and Ministers of various departments, MLAs also addressed the gathering. Eminent orators gave great inspiring speeches on various topics.

**National level Technical Symposium:** 16th National Level Technical Symposium Biohyphenzya-19, Horizon-19, Eclectrc-19, Zerone-19 was organized by the Association of BME, CSE, ECE and IT on 28.09.2019. Mr.S.Sathyaprakash, Vice President and HR, Amtex Software Solutions Private Limited, Chennai was the Chief Guest.



### Teachers' Day and Engineers' Day Celebration

Fine Arts Club and ISTE Students' & Staff chapter celebrated the Teachers' day & Engineers' day on 30.09.2019. The teachers were honored for their untiring work and long time service. The faculty members appeared for the NPTEL Online Examinations and those received grants from various funding agencies were appreciated.



## DEPARTMENT OF BIOMEDICAL ENGINEERING

### Grants Received

- Dr.S.Mangai, S.Vigneswaran, T.Yamunarani and M.Menagadevi received a grant of Rs.20,000/- as a financial assistance from Council of Scientific and Industrial Research (CSIR) for organising National Level Technical Symposium on 'Recent Advancement in Riemann Hypothesis Technology And Innovations In Adaptable Intelligence Systems For Biomedical System Design Using Smart Materials - A Future Approach (RHAIFA)'19' on 21.09.2019.
- Dr.S.Mangai, S.Vigneswaran and R.Soniya received a grant of Rs. 60,000/- as a financial assistance from National Science & Technology Entrepreneurship Development Board(NSTEDB), Department of Science and Technology ,Government of India, New Delhi for conducting three Entrepreneurship Awareness Camp(EAC).

### CSIR Sponsored Seminar, Workshop and Symposium

- A two day CSIR Sponsored National Level Workshop "on Recent Development In Modeling of Biomedical Instrumentation Design Using Molecular Dynamics (MD) and Monte Carlo (MC) Techniques was organised on 11.07.2019 & 12.07.2019.
- A one day CSIR Sponsored National Level Seminar on 'Recent Advancement in Computational Biomechanical Modeling of Joint Mechanics and Early Therapeutic Methods for Osteoporosis' was organised on 19.07.2019. Dr.Rajesh Ranganathan, Professor, Department of Mechanical Engineering,



Coimbatore Institute of Technology, Coimbatore was the Chief Guest.

- A One day CSIR Sponsored National Level Technical Symposium on 'Recent Advancement in Riemann Hypothesis Technology and Innovations in Adaptable Intelligence Systems for Biomedical System Design using Smart Materials – A Future Approach (RHAIFA 19)' was organized on 21.09.2019. Dr.M. Ramya, Assistant Professor, Department of Nano Science and Technology, PSG College of Technology, Coimbatore was the Chief Guest.

### Association Activities

- BIONIKX and BMESI CHAPTER was inaugurated on 18.07.2019. Ms. Jisna George, Assistant Manager,M/s. Zifo RnD Solutions Pvt Ltd., Chennai was the Chief Guest and she also delivered a Guest Lecture on 'Introduction to Clinical Trials and Importance of Leadership'.
- BIONIKX and Rotaract Club of VCET jointly organized a Free Eye Check-up Camp on 26.07.2019.
- Our alumnus Mr.R.Seenivasa Prabu, Entrepreneur, SSS Medicals, Erode delivered a lecture on 'Scope and Opportunities for Biomedical Engineers' for the Second year students on 30.07.019.



- A Guest Lecture on 'Recent Trends in Biomedical Equipment' was organized on 14.08.2019. Mr.N.Venkatesh & Mr.M.Manoharan, Managing Director, Infinity Biomedicals, Coimbatore were the resource persons.
- Independence day was celebrated by BIONIKX at child welfare orphanage at Kasthuribha Adharavattor Illam, Odanilai,Arachalur. Faculty members and students donated stationery items and food to the children.
- A Motivational speech was arranged for the second year students on 19.09.2019 & 20.09.2019.Mr.Ragunath, Relax Academy, Chennai handled the sessions.

### Placement Activities

- C.Abarna (IV A) got dual placement in TCS, Chennai and Zifo RnD Solutions Pvt. Ltd. ,Chennai.
- R.Duvaraga & J.Jefri Jacob (IV A) got placed in Zifo RnD Solutions Pvt. Ltd.,Chennai.
- A.S. Mohanraj, N.M.Naveena & M.Priyadharsana (IV B) got placed in TCS,Chennai.

### Student Activities

#### IIT PALS

- S.Shangamithra and M.Dhivya of Third Year participated in the case study event(ANALYZE) at Nandha Engineering College, Erode on 16.07.2019.
- S.Soundaravalli, S.Abirami, C.Sangeetha, S.Dhanalakshmi, D.Jeevitha, P.Alagu Chithra Devi, M.Harish, S.Vignesh, V.Kavimalar,D.Valarmathi of Third year participated in Thinkathon Workshop at KSR ollege of Engineering,Tiruchengode on 17.07.2019.
- A.Ananthi,C.M.Nisha Ananthi,S.Nivedha,B.Padma and S.Sadhana of Third Year attended Theory to Practice lecture on 'Engineering Research Solutions to Bio and Thermal Problems' at IIT Madras on 19.08.2019.
- S.Shanmugapriya,S.Shangamithra,M.Divya,B.Abarna of Third Year attended a Workshop (INNOWAH) at Dr.N.G.P. Institute of Technology,Coimbatore.
- R.Logapriya,G.Kavitha,V.Kaarunya,K.D.Indhumathi of Third Year attended a Aspire lecture on 'How to land your dream Job' at Sri Shakthi Institute of Engineering and Technology, Coimbatore, on 19.09.2019.
- S.Soundaravalli,S.Sharmila,S.Sasikrishnan, R.Sivashankar of Third Year attended a Aspire lecture on 'Entrepreneurship Opportunities, Challenges & Investment in Deep Technology' at Sona College of Engineering, Salem on 20.09.2019.
- M.Dhivya of Third Year went for an Industrial Visit(IITM Research Park Visit) at IIT Madras on 21.09.2019.

### Industrial Visit

- Second year students underwent an Industrial Visit to 'BPL Medical Technologies', Palakkad, Kerala.
- Third year students underwent an Industrial Visit to 'Kerala Electrical & Allied Engineering Co. Ltd. ',

### Value Added Course

- Value Added Course was conducted for Second year students on 'C Programming' on 08.07.2019.
- Value Added Course was conducted for Third year on 'Biomedical Sensor Interface and Signal Processing' using LabView on 27.07.2019 and 28.07.2019. Mr.G.Nagarajan, Senior Application Engineer, VI Solutions, Bangalore was the Resource Person

## DEPARTMENT OF CIVIL ENGINEERING

### Association Inaugural function

The Renowned Association of Civil Engineers, (RACE) was inaugurated on 20.07.2019. Er.P. SoundraPandian M.E Senior Section Engineer, Salem Division, Southern Railways was the Chief Guest and also delivered a special lecture on 'Effective Utilisation of Construction Materials and Eco Friendly Construction.



### Guest Lecture



A seminar on 'Land Slides in Western Ghats' was organized on 31.07.2019. Dr.S.S.ChandraSekaran, Professor and Head, School of Civil Engineering, VIT-Vellore Campus was the resource person.

### Industrial visit

The Second year and third year students underwent an industrial visit to Cheruthoni Dam and Idukki Arch Dam, Idukki, Kerala on 26.07.2019.

### Foss Training

FOSS Training programme was conducted for second year students in QCAD - 2D (open source application for Computer Aided Drafting). 68% of the students cleared the online test and received the certificates.

### Placement Activities

Gayathri K received her offer letter from Tata Consultancy Service.

### Consultancy / Testing Activities

Dr.E.Ravi and D.Sakthivel generated a revenue of Rs.3,000/- by testing of water samples in Environmental Engineering Lab.

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### Grants received

A two day CSIR sponsored National Level Seminar on 'Machine Learning for Data Science and Analytics' was organized on 21.08.2019 & 22.08.2019. Mr.S.P. Siddique Ibrahim and Ms.D.YamunaThangam, Assistant Professors, Department of CSE, Kumaraguru College of Technology, Coimbatore, Mr.R.Bharath and Mr.G.Latchumanan from Pantech Solutions, Coimbatore were the resource persons.

### Association Activities

•The MAGNUMOPUS- Students Association of CSE was inaugurated on 29.07.2019. Mr.Mageshwaran, Project lead, Cognizant Technology Solution was the Chief Guest and delivered a guest lecture on 'Career Opportunities for Computer Engineers'.  
•A technical seminar on 'CISCO – CCNA Routing and Switching' was organized on 02.08.2019. Mr.R.Ranjithkumar, TCIL IT, Techwork Solutions, Erode was the resource person.



•A seminar on 'Multimedia Animation' was organized on 09.08.2019. Mr.G.Rajeshkumar, Regional Academic Head, Aptech Ltd, Erode was the resource person.

•A seminar on 'Ethical Hacking, Network Routing and Switching' was organized on 07.09.2019. Mr.R.Prabakaran, Centre Head, Live Wire, Erode was the resource person.

•A seminar on 'Big Data Analytics' was organised on 17.09.2019. Ms.S. Mohana Priya, Senior Software Developer, ETS Academy Erode was the resource person.

•The Association of CSE organized intra department meet on 20.09.2019. The meet included both technical and non-technical events.



### Placement Activities

- Six students got placement in TCS Technologies
- Two students got placement in Aspire Systems
- One student got placement in Orion Private Limited
- Two students got placement in Kanini Software Solutions
- Five students got placement in Wipro Technologies

### Students Activities

- Second year students underwent an industrial visit to NestSoft Technologies, Cochin on 21.09.2019
- Third year students underwent an industrial visit to Infosys Private Ltd., Mysore on 13.08.2019

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Association Activities

#### Association Inauguration

The Student Association (CENIREA) and IETE Student Chapter was inaugurated on 26.07.2019. Mr. G.Ramesh Kumar, B.E., MBA., Manager, Industrial Automation, Siemens Limited, Coimbatore was the Chief Guest and also delivered a special lecture on 'Digitalization Industry 4.0'.



### SEMINAR

•A Seminar on 'Higher Education and Career Opportunities in India and Abroad' was organized on 02.08.2019. Mr. Osama Sayed, Star Uniadvise P.Ltd, Mumbai was the resource person.

•A One Day Seminar on 'An Overview of Embedded Systems' was conducted on 17.08.2019. Er. C. Gobinath, ETS Academy, Erode was the chief guest and delivered a special lecture on 'Recent Trends in Embedded systems'.

•A One Day Seminar on 'Design and Fabrication Techniques of Printed Circuit Board' was conducted on 23.08.2019. Mr. K. Ilanchezhian, B.E., Assistant Manager (Technical), Prolific Systems and Technologies Pvt. Ltd., Coimbatore was the Chief Guest.

•A One Day IETE Sponsored National Level Research Seminar on 'Wireless and Optical Network System Design' was conducted on 31.08.2019. The MoU between 'BahirDar University', Ethiopia and VCET provides a platform to conduct this seminar successfully.



•A One Day Seminar on 'Network Devices' was conducted on 06.09.2019. Mr. R. Ranjith Kumar, Technical head, TCIL-IT, Erode was the Chief Guest.

**National Conference:** A One Day CSIR Sponsored National Conference on 'Smart materials Using Nanotechnology and Adaptable Intelligence System for Energy Applications - A Future Approach' was conducted on 20.09.2019.

**Charity Activity:** Around 80 students along with faculty members visited the orphanage 'Mariyanivas & Anbu Illam', Lakkapuram, 'N.L.Karunai Illam', K.K Nagar, Erode on 15.08.2019 and donated the items (groceries) worth of Rs.37,676/-.



#### **Placement Activities**

- Ten students of final year ECE students got placed in Tata Consultancy Services.
- One student of final ECE got placed in Wipro Technologies.
- One final ECE students got placed in Orion Data Compliance Solutions India Pvt. Ltd, Chennai.
- Totally 10 students got placed in various companies. One student got dual MNC offers.

#### **Students Activities**

##### **Smart India Hackathon 2019 Hardware Edition**

• P.Snekha (Team Leader), S.Sneha, D.Ramya, M.Ramya Devi, S.Shirinfathumunnisa, S.Saran of final year ECE participated in Smart India Hackathon 2019 Hardware Edition, Grand Finale held at Vel Tech, Chennai on 08.07.2019 to 12.07.2019. The Project titled 'Polluted Water Tracking System' was exhibited under the theme of 'Clean Water' for the ministry of MSME-DI Chennai.



#### **Paper Presentation**

- Second and Third year students participated in 119 activities including paper presentation, Seminar, workshop and other events.
- Senbagapriya.V and Vignesh.M of third year won the second prize in Paper Presentation conducted by Sengunthar Engineering College on 20.09.19.
- Umesalma.M and Sumi Delphina.M of third year won the second prize in Paper Presentation conducted by Nandha Engineering College on 26.09.19.
- Suja.P and Sangeetha Sree.C of third year won the first prize in the event Tech Wizz conducted by Nandha Engineering College on 26.09.19.

#### **Internship:**

- M. Oviyaa of third year undergone an internship programme at State Bank of India, Erode for a tenure of 15 days from 20-06-19 to 06-07-19 on the topic 'Digital Transaction transformation of YONO APP to the customers'.

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

#### **Association Activities**

##### **Inaugural Function**

The Students Association of EEE was inaugurated on 19.07.2019. Mr.A.NazeemBabu, Assistant Manager-

Technical Service, Kone Elevators India Pvt Ltd, Bangalore was the Chief Guest and also delivered a special lecture on Electric Traction System in Elevators.

#### **Guest Lecture**

A Guest lecture on 'Advanced Industrial Automation' was organized on 17.08. 2019. Mr. G. Rudhra Kumar, Application Engineer, Axis Global Automation Pvt Ltd., Chennai was the resource person.

#### **Value Added Course**

A Two-day Value-added course on 'AutoCAD -Electrical' was conducted for second year and third year students from 24.09.2019 to 25.09.2019. Mr.R.Prabhakaran, Centre Head, Live wire-A Division of CADD Centre, Erode was the resource person.

**Technical Day:** Technical Day was conducted on 27.09.2019. Internal Juries conducted various events like Paper Exposition, Project Challenge, Kahootee-Quizzard, Circuit Debugging, Electrical Graffer.

#### **Industrial Visit**

Third year students underwent an industrial visit to Transformers and Electricals Ltd. Kerala on 07.09.2019.

#### **Placement Activities**

G. Mohanprasath, & M.Preethi, of Final year students placed in TCS

#### **Students Activities**

**Y.Siranjeevi**, of third year published a book on 'Uchchi ThodumUllam'on 06.10.2019.

#### **Charity Activity**

The Student and faculty members donated the daily needs, stationary items, playing items to Bharathiyar Illum, Child Orphanage, Chennai on 15.08.2019.



## **DEPARTMENT OF INFORMATION TECHNOLOGY**

#### **National Seminar**

A One Day CSIR sponsored National Level Seminar on 'Offloading Process for Video Orchestration in Mobile Edge Computing' was conducted on 08.09.2019. Dr. R. Gomathi, Associate Professor, Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam was the Chief Guest.

#### **Association Activities**

##### **Association Inaugural- Infoauxano**

Inaugural of Association of IT – "INFOAUXANO" was conducted on 22.07.2019. Mr. K. Rajendran, Jaguar Staffing Solutions Pvt. Ltd., Chennai, inaugurated the association activities.

#### **Seminar**

• A seminar on 'Trends in Technology' was organized on 29.07.2019 for third year students. Mr. M. Vijayendhiran, Project Leader, Aspire Systems, Chennai was the resource person and handled the sessions.



• A seminar on 'Basics of Python' was organized on 16.08.2019 for third year students. Ms.ShanmughaPriya, ETS Academy, Erode was the resource person and handled the sessions.

## Orientation Program

An orientation program on 'Personal and Professional Grooming' for the third-year students was organized on 29.08.2019. Another session on 'Career Guidance' was organized for the second-year students on the same day and the sessions were handled by Mr.Dharani Govindaraj, Senior Manager- Training & Dr.Sankaran, Training and Development, Core Aptitude Institute.

## Guest Lecture

A Guest Lecture on 'Emerging Trends in Computer, Communication & Networking Technology' was organized on 29.08.2019. Dr.Manjaiah, Professor & Chairman, Faculty of Science & Technology-Computer Science, Mangalore University was the resource person.



## Workshop

A workshop on 'Fundamentals of MATLAB' was conducted on 01.09.2018. M.Kavitha, T.Sathya, and G.Boopathi Raja, gave training and explained the use of MATLAB in computations.

## Placement Activities

- 8 Student got placed in Tata Consultancy Services.
- Ragasriswathi. M and Dharanya. S got placed in Wipro Technologies.
- Dimple B got placed in Kanini Software Solutions.

## Student Activities

47 students participated in various technical and non-technical events organized by various colleges.

## DEPARTMENT OF MECHANICAL ENGINEERING

### Association Activities:

#### FAME Inauguration and Guest Lecture

The inaugural functions of 'Fabulous Association of Mechanical Engineers (FAME)' and 'SAE India VCET Collegiate Club' for the academic year 2019-2020 were conducted on 12.07.2019 and organized a guest lecture on 'Career Opportunities for Mechanical Engineers' Mr. P. Prithiviraj, Deputy Manager - Quality Function, Royal Enfield, Kancheepuram was the Chief Guest.



#### SAE Lecture Meeting

SAE INDIA vct collegiate club organized a special lecture on 'Simple Innovations as Foundation for Product Design' on 02.08.2019. Mr. C. Varadharajan, Technical Advisor, HEXDOF Engineering Services Pvt. Ltd, Chennai was the Chief Guest.

#### Intra Departmental Activity Day

Various Intra-departmental events were organized on the Activity day on 21.09.2019. All students were actively participated in the events like Paper presentation, Technical Quiz, Water Rocketry, CAD modeling and Drafting contest.

#### Career Guidance and Motivational Training

A motivational training program was organized on 23-25, Sep 2019 for the third year students. Mr. P.Anjesh Kumar, Communication and Soft Skill Specialist, Brainwave, Coimbatore trained the students.

**Guest Lecture:** A special lecture on 'Recent Trends in Renewable Energy' was organized on 26.09.2019. Mr.M.S. Muthusamy, Managing Director, MSM Energy Enterprises, Coimbatore was the Chief Guest.



## Placement Activities

- 3 Students of Final year got placed in Tata Consultancy Services Pvt. Limited, Chennai.

## Students Activities:

- Third year students A.Dharanidharan and M.AjayDev secured 1<sup>st</sup> place in the State Level "RC CAR" event held at SRM University, Chennai on 19.09.2019.
- 62 students attended Workshop in other colleges.
- 8 students attended Seminar in various topics.
- 17 students attended Lecture Meeting organized by SAE INDIA collegiate clubs.
- 6 students presented their project in various institutions.
- 10 students participated in various technical events.

## DEPARTMENT OF MEDICAL ELECTRONICS

### Association Activities

Student Association (MEDIECLETIX) Med Tech Club and Society for Biological Engineering was conducted on 14.07.2019. Mr. S.Jayamaruthi, B.E., M.A.,M.S.C., Manager, Technical Lead-Medical Division, Chennai was the Chief Guest and also delivered a special lecture on 'Opportunities in Medical Electronics Field'.



### Students Activities

#### Paper Presentation:

- Second year students participated in 15 activities including paper presentation, project presentation, poster presentation, other events.
- Saranya.R and Sowndharya.K of Second year won the First prize in the event Med-Yureka conducted by Sengunthar College of Engineering on 27.09.19.

### Internship

Mohamed Arif.S, Sona.Y, Sowndharya.K and Sujith.T of Second year undergone an internship programme at State Bank of India, Erode for tenure of 15 days from 20-06-19 to 06-07-19 on 'Digital Transaction transformation of YONO APP to the customers'.

## DEPARTMENT OF MBA

### Association Inaugural Function

The Student Association of MBA was inaugurated on 17.09.2019. Shri.V.Thiruvankadam, Senior General Manager, Sakthi Sugars Limited Appakudal, Erode was the Chief Guest and he also delivered a special Lecture on 'Challenges and Opportunities for Management Students'.



### Aicte Sponsored Short Term Training Program (STTP)

A 6 Day AICTE Sponsored Short Term Training Program(STTP) was organized during 01.07.2019 to 06.07.2019. Dr. A.G.V. Narayanan, Director, D.J Academy for Managerial Excellence, Coimbatore.



inaugurated the STTP also delivered a special address on 'Pedagogy on Emotional intelligence skills for career growth and success'.

### Industrial Visit

The Industrial Visit was organised for II MBA students for two days to Mysore and Coorg on 20.09.2019 and 21.09.2019. The Students had visited Kaynes Technologies India Private Limited and Mysore and Central Horticultural Experiment Station, Coorg.



**Placement Training:** Placement Training was given to II MBA Students from 23.09.2019 to 28.09.2019. Trainers from Aura for Life Academy gave training to the students on personality development, how to attend the interview and resume preparation.

### Students Co-Curricular Activities:

- 5 students of II year participated in National Conference at PKR College of Arts and Science, Gobi on 29.08.2019.
- Dineshkumar.M and Kavin Prasanth.S won the first prize in District Level Kabbadi & Kho-Kho conducted at Acharya Higher Secondary School, Edappadi on 28.07.2019.
- Dineshkumar.M and Kavin Prasanth.S participated in Anna University Zonal Level Athletics meet held at Bannari Amman College of Engineering, Sathiyamangalam on 17.09.2019 and 18.09.2019.
- Dineshkumar.M participated in Anna University Zonal Level Kabbadi meet held at Nandha College of Engineering, Perundurai on 23.09.2019 and 24.09.2019

## DEPARTMENT OF MCA

**Association Activities:** Value Added course was conducted for third year student on 06.07.2019. Dr. P. Navaneetham gave hands on training on SQL. Mr. P. Vijayakumar gave hands on training on ASP.NET.

**Industrial Visit:** Final year students underwent an industrial visit to Seshasayee Paper and Boards Limited, Pallipalayam, Erode on 29.08.2019.

### Environment Club

Final year students visited the Arthanareeswarar Hill Temple. Students climbed steps on the way they picked the plastic bags, bottles and cleaned the dust around the temple and pamphlets were issued to the visitors for the plastic free zone environment on 29.08.2019.



### Refresher Program

A three day refresher program was conducted for the second year students to enrich their knowledge about various skills like Soft skills, Hard skills, Recent Technology, Communications skills, Health and hygiene, Self awareness, Leadership skills, Class room Ethics, Women empowerment and Time management from 04.09.2019 to 06.09.2019.

### Association Inaugural

Association Activities for the academic year was inaugurated on 12.09.2019, Ms. K. Krishnaveni, Deputy Tahsildar, Revenue



Department, Udumalpet Talk, Tirupur District was the Chief Guest and gave lecture on E-Governance.

### Refresher Program

Value Added course was conducted for II-MCA Students on 24.09.2019 in MCA LAB. Dr. K. Ananth gave hands on training on Hardware maintenance.

### MOU

An MOU was signed with SOFS India, Salem on 04.10.2019. Company will support cooperation in the areas of In-Plant Training, Industrial Visits, Industry project works and Guest Lecturers on the basis of equality and mutual benefits.



### Guest Lecture

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

### Placement Activities:

- M. Selva vignesh of Final year Student got placed in SureSoft Systems Pvt. Ltd. Puducherry.

## DEPARTMENT OF SCIENCE AND HUMANITIES

### First Year Inauguration

The Inaugural function of the 19th Batch of B.E./ B.Tech. Programmes was held on 05.08.2019 at Kasthuriba Gandhi Kalaiaramam. Thiru. S. S. Kandasamy, President, Vellalar Educational Trust, presided over the function. Thiru.S.D.Chandrasekar, Secretary and Correspondent, delivered the inaugural address and highlighted the development of the college.

**Seminar:** A CSIR sponsored seminar on 'Applications of Mathematics in Artificial Intelligence and Machine Learning' was conducted on 10.07.2019. Dr. R. Latha, Assistant Professor(Sl.Gr.), Department of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore delivered the inaugural address..



**Seminar:** A CSIR sponsored National Seminar on 'Dynamical Systems and Differential Equations' was conducted on 09.08.2019.

**Seminar:** A CSIR sponsored National Seminar on 'Emerging Applications of Number Theory' was conducted on 18.09.2019.

## DEPARTMENT OF ENGLISH

### English Literary Association

#### Activity

A two day Orientation Programme was organized for the UG first year students on 'Career Opportunities' on 25.09.2019 and 26.09.2019

## DEPARTMENT OF PHYSICS

**Conference:** A CSIR sponsored conference on 'Recent Trends in Smart Materials and Technologies in Bio Resources and Environment Safety' was conducted on 04-09-2019.



## CONFERENCE /WORKSHOP / SEMINAR / FDP PROGRAMS ATTENDED BY FACULTY

### Department of Biomedical Engineering

**Dr.S.Mangai** attended a Workshop on 'BME GATE Awareness Workshop for Biomedical Engineering Faculty' organized by Indian Institute of Technology Madras & Centre of Medical Electronics, Dept. of ECE,CEG Campus ,Anna University, Chennai.

### Department of Civil Engineering

**D.Sakthivel & S.Ramesh Kumar** attended a 5th Concrete Research in India (CRI) Symposium' Organized by Department of Civil Engineering, Indian Institute of Technology Madras on 14.09.2019.

### Department of Computer Science Engineering

**Dr.S. Sadesh**, NPTEL SPOC attended a one day workshop organized by IIT Madras on 26.07.2019.

**Dr.V. LathaJothi** participated in a two day National Level Workshop on 'Publishing Articles in SCI indexed Journals and Filing IPR' from 25.07.2019 to 26.07.2019 at KSR Institute for Engineering and Technology, Tiruchengode.

**R.Kavitha** participated in a one day National Level Workshop on 'Intellectual property Rights and Innovations' on 28.09.2019 at Sri Vasavi College, Erode.

**S.Ponni & S.Vishnupriya** attended the workshop on 'Machine Learning using Python' at Coimbatore Institute of Technology on 29.09.2019.

**S.Ponni & S.Vishnupriya** attended the seminar on '5G Simulator and its test bed implementation' held at Hindusthan College of Technology on 17.07.2019.

**Dr. V.LathaJothi** attended a five day STTP on 'Data Analytics and Parallel Processing' from 26.08.2019 to 30.08.2019 at SRM Institute of Science and Technology.

**M. MohanaSundari** and C.Selvi participated in a three day FDP on "Introduction to Python Programming" from 18.07.2019 to 20.07.2019 at JKK Nataraja College of Engineering and Technology.

### Department of Electronics And Communication Engineering

**K. S. Murugesan & N. Karthikeyan** attended a One Day IETE associated Workshop on 'Hands on Training in PCB Design and Fabrication' at Kongunadu College of Engineering and Technology on 17.08.2019.

**Dr. M. Pravin Kumar**, Dr. M. Nisha Angeline and S. Sindhu Meenakshi attended a two day National Level workshop on 'Publishing Articles in SCI Indexed Journals & Filing IPR' at K.S.R Institute for Engineering and Technology on 25.07.2019 & 26.07.2019.

**Mr. M. Vijayan** attended a two-week AICTE sponsored FDP on 'Fostering Ethics, Moral Values and Character Building in Technical Education' at Nandha Engineering College, Erode from 24.05.2019 to 07.06.2109.

**Mr. N. Karthikeyan** and Mr. R. Gopalan attended AICTE sponsored Two-week FDP on 'Adaptive Arrays for Mobile Communication Applications' at Muthayammal Engineering College, Rasipuram.

### Department of Electrical And Electronics Engineering

**C.Gokul**, M.Chitra, attended a two week AICTE sponsored Faculty Development Programme on 'Fostering Ethics, Moral protocol valves and character building in Technical Education' at Nandha Engg. college.

**S.K.Manikandan**, attended a two-day National Level Workshop on 'Publishing Articles in SCI Indexed Journals & Filing IPR' at K.S. Rangasamy College of Technology.

### Department of Information Technology

**Ms. T. Nithya** attended a seminar on 'Publishing Articles in SCI Indexed Journals and Filing IPR' at KSR Institute of Engineering and Technology, Tiruchengode.

**T. Nithya**, participated in the Train the Trainer Workshop on 'INFYTQ based FP' held at Erode Sengunthar Engineering College, from 27.06.2019 to 29.06.2019 by Infosys Limited.

### Department of Mechanical Engineering

**A.Thirumorthy** and D.Kesavan attended a one day workshop on 'Application of Non-Destructive Testing in Industries' at Bannari Amman Institute of Technology.

**TCR.Dinesh**, E.Ajaikumar and L.Arulshankar attended a one day workshop on "Advancements in Welding Technology" at SNS College of Technology.

**Dr.R. Kumaravelan** attended a one day National Level Workshop on 'E-Learning and MOOCs in Higher Education" organized by Guru Angad Dev Teaching Centre of MHRD, SGTB Khalsa College, University of Delhi and Anna University Chennai on 14.09.2019.

### Department of MBA

**Vettrivel** participated in the 14 day AICTE Sponsored FDP on 'Success Mantra to Promote Higher Education in Digital Era: Teach to Learn and Learn to Teach' at KSRCT, Tiruchengode from 08.07.2019 to 21.07.2019.

**Dr.D.Aarthi** participated in the one day CSIR Sponsored National Seminar on 'Application of Mathematics in AI & Machine Learning ' on 10.07.201.

### Department of Computer Applications

**Dr. V. Srinivasan** attended a one day National Seminar on 'Offloading Process for Video Orchestration in Mobile Edge Computing' on 08.08.2019 and 'Machine Learning for Data Science and Analytics' on 21.08.2019.

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

### Department of Biomedical Engineering

**Dr.S.Mangai** acted as resource person at Paavai Engineering College, Namakkal, and delivered a lecture on 'Scope and Opportunities in Biomedical Engineering'.

### Department of Computer Science And Engineering

Dr.S.Jabeen Begum acted as a resource person for CSIR Sponsored Seminar on 'Graph based algorithm for social media networks' & 'Emerging Applications of Number theory' at VCET.

### Department of Electronics And Communication Engineering

Ms. K. Kavitha, G.Boopathi Raja and T.Sathya acted as a resource person for a two day workshop on 'Fundamentals of MATLAB'.

### Department of Mechanical Engineering

Dr. R. Kumaravelan delivered a keynote lecture on 'Gyroscope & Governor' at Nandha College of Tech.

### Department of MBA

**Dr.D.Aarthi** delivered lectures on 'Impact of students media consumption & measuring their addiction at Kongu Arts & Science College.

'Self Starter' at District Lions Leadership Institute, Anaikatti from 13.09.2019 to 15.09.2019.

'Local Issues and Opportunities' at Regional Lions Leadership Institute, Chennai.

The following faculty members presented paper at P.K.R. Arts College for Women, Gobichettipalayam.

**Dr.T.Vetrivel** on 'Recent Trends in Agricultural Products Marketing in Erode'.

**Dr.D.Muthukrishnaveni** on 'Consumer Expectancy on the Social Accountability of business'.

**N.Balachandran** on 'Rural Marketing in India'.

**Dr.D.Aarthi** on 'Organisational Development'.

**R.Moorthi** on 'Green Marketing'.

**M.Madhukrishnan** on 'Stress Management'.

**Ms.S.Janani** on 'Neuromarketing'.

## JOURNAL PUBLICATIONS BY FACULTY MEMBERS

### Department Of Biomedical Engineering

**Mangai S.** 'Feature Selection Using Multi-Objective Modified Genetic Algorithm in Multimodal Biometric System' Journal of Medical Systems, Vol. 43, Issue No.7, pp. 214,2019.

**Mangai S** 'Ensembled Population Rescaled Differential Evolution with Weighted Boosting for early breast cancer detection', Mobile Networks and Applications, Springer.

### Department of Electronics And Communication Engineering

**K. Senthil Prakash**, 'Enhancing Network Duration by Secured Node Disjoint Clustering for Mobile Adhoc Network', International Journal of Applied Mathematics & Information Sciences, ISSN2325-0399, Vol13, Issue5.

### Department of MBA

**Dr.T.Vetrivel**, 'The Influence of RPO over Employer Brand in IT Industries from Employer's Perspective', International Journal of Applied Mathematics and Information Sciences, ISSN: 2325-0399, Volume No:13, Issue No:4, Page No.:1-7.

### Department of Science and Humanities

**S. Kalaiselvi**, 'Optimization of column studies on the adsorption of Congo red dye using phosphoric acid treated Eichhornia Crassipes', International Journal of Chem Tech Research, Vol.12. No.05, PP 188-199.

**Dr. S.V. Elangovan**, 'Photocatalytic degradation of wastewater containing congo red by Zinc oxide Nano photocatalyst, International Journal of Innovative Technology and creative Engineering, Vol.9 No.6.

**Dr. S. Hemalatha** and Ms. D. Mythily, 'Approaches to Develop Reading Skills' International Journal IJELLH, ISSN 2321-7065, Vol 7, Issue 8, Pg.No.114-126.

**B.S. Gomathi**, 'Improving Communication Skills of UG Engineering Students - A Special Emphasis on Reading Skills' International Journal IJELLH, ISSN 2321-7065 Vol 7, Issue 8, Pg.No.32-47, August 2019.

**Dr. S. Gomathi**, 'Tell your story It's worth Telling' International Journal IJELLH, ISSN 2321-7065, Vol 7, Issue 8, Pg.No.443-446, August 2019.

**S. Sanjeev Kumar**, 'The Society and Psychology' International Journal IJELLH, ISSN 2321-7065, Vol 7, Issue 8, Pg.No.370-377, August 2019.

**S. Tamil Selvi**, 'English: An Essential Key to Employment' International Journal IJELLH, ISSN 2321-7065, Vol 7, Issue 8, Pg.No.100-107, August 2019.

**Dr.S.Senthilraj**, published a paper on 'Dissipativity analysis of Stochastic Fuzzy Neural Networks within Randomly Occuring Uncertainties using Delay Dividing Approach' in the Journal of Nonlinear Analysis Modelling and Control, ISSN:1392-5113, Vol.24, No.4, Pp..561-581.

### NPTEL

**Dr. S. Gomathi**, **V. Suguna**, **S.Tamilselvi** and **K.Gayathri** completed a 4-week NPTEL On- line certificate course on 'Body Language: Key to Professional success'. **Dr. S. Gomathi** and **S.Tamil selvi** were awarded Elite with Silver tag. **V. Suguna** and **K.Gayathri** were bagged Elite tag

### BOOK PUBLICATIONS

**Dr.S.Jabeen Begum** and **Ms.K.Vijaya** published book on, 'Computer Architecture and Organization' by Lakshmi Publication, Chennai 2019 ISBN 978-93-87670-57-0

**Dr.V.Latha Jothi** published book on, 'Object Oriented Programming' by Lakshmi Publication, Chennai 2019 ISBN 978-93-87950-29-0

**C.Kotteswari** published book on, 'Theory of Computation' by Suchitra publication, Chennai 2019 ISBN 978-93-87670-63-1

### Department of Science and Humanities

**Dr. Deepa Jananakumar**, & **Dr. N. Thangaraj**, published a book 'Engineering Physics' by KKS Publishers, Chennai, Sep 2019, ISBN: 978-93-83216-35-2.

### AWARD OF PHD

**Mr. S. Rajan**, has completed Doctoral degree from Anna University, Chennai, during September, 2019. His area of interest includes Wireless Communication, Wireless Networks, Digital Signal Processing, Computer Networks, Soft Computing, Neural Networks and MATLAB. He has published many papers in National and International Journals and presented papers in various Conferences.

### Research Centre Activities:

Two Ph.D candidates under the supervision of **Dr. K. R.Valluvan** completed their viva-voce examination.

### AWARDS / RECOGNITIONS

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



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