



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)

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MESSAGE FROM THE PRINCIPAL

In this quarterly communication, I want to draw your attention to a few significant spots that concern you as a stakeholder. The future of any educational institution is closely knit with the adaptive strategies adopted to survive and succeed. Our strategies are tied to how the world fares. While the disruption caused by the pandemic has brought many challenges, it has also taught us some very important lessons. We have learned to stay focused through tough times.

At VCET, we are making sure that we continue to improve in all respects whether it be academics, research, co curricular or extracurricular activities without compromising on quality. In this context, our commitment to quality helps us sharpen our strategy and structure. Going forward, VCET will see the impact of the smart work put into grow and sustain on top-line. Beyond imparting education, we stay engaged with the society and our outreach has been consistently admired. We feel encouraged with the recognition, and we stand committed to our long term goal of making VCET a Centre of Excellence for learning.



DEPARTMENT OF BIOMEDICAL ENGINEERING

An Association with IEEE SB, EMBS chapter, BME- BIONIKX organized a Webinar on 'Importance of Calibration and Quality Assurance Test in the field of Biomedical Engineering' on 07.08.2021. C.P.Remya, Technical Manager, Biomedical Techniques, Calibration Experts, Thrissur, Kerala was the resource person.

Association of BME- BIONIKX organized a Webinar on 'Biomedical – An AI of Hospital' on 13.08.2021. Mrs.E.Rama Prabha, General Manager, Lotus Hospital, Erode was the the resource person.

Association of BME- BIONIKX in Association with IEEE SB, EMBS organized a Webinar on 'BIG AWARENESS SESSION' on 18.08. 2021. Mrs. Sumithra, Pre-Incubation and BIG Program Manager, IITM HTIC MedTech Incubator was the resource person and the Chief Guest.

Association of BME- BIONIKX conducted a Competition 'Mind O Pedia' on 21.08.2021.

Association of BME- BIONIKX in Association with IEEE SB, EMBS organizes a webinar on 'Biosensors in IoT' on 28.08.2021. Mr.M.Parthiban, Technical Manager, Caliber Embedded India Pvt.Ltd., Salem was the resource person and the Chief Guest.

Association of BME- BIONIKX in Association with IEEE SB, EMBS organized an inaugural function & Guest lecture on 'AWS in Health Care' on 28.08.2021. Mrs.Reegana Saleem, Senior Project Engineer, Wipro Technologies, Chennai was the resource person and the Chief Guest.

DEPARTMENT OF CIVIL ENGINEERING

Association Activities

The renowned Association of Civil Engineers, RACE was inaugurated through online mode on 08.09.2021. Er.P.Karthikeyan., Assistant Engineer, Highways Department, Coimbatore was the chief guest and delivered a special lecture on 'Career opportunities of Civil Engineers in Government Sector'.



Students Activities

IN PLANT TRAINING

Thirty four students from third year (Batch: 2018-2022) completed a fourteen-day in-plant training in various industries such as M/s Gayathri Builder, M/s Sri Muninathan Builders, M/s Dinesh & Co Builders, M/s Vetrivel Constructions, M/s Viyan Engineer and Builders, M/s Sree Lakshmi Construction, M/s Dhanabakkiyam Construction, M/s New Surya Engineers, M/s Srina Constructions, M/s JEYAM Construction and Promoter, M/s Sunstar Foundation Consultant(Engineering Consultant and Contractor), M/s 2mm Construction, M/s D.V.Associates (Civil Engineers and Contractors), M/s GiriAravind Associates and M/s AGK Constructions in Erode and Tirupur.

NPTEL COURSES COMPLETED

Eight students of third year (Batch: 2018-2022) successfully completed the NPTEL Course on 'Forest and their management' with Elite + Gold certificate during Jan - April 2021.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Association Activities:

The MAGNUMOPUS - Association of Computer Science and Engineering was inaugurated on 04.09.2021. The function was honoured by Ms. Gayathre Devi Subbiah Raju, Test Analyst at Greenstone Financial Services, Sydney, Australia. She also addressed the gathering by a motivational speech.



A Technical Quiz on PYTHON was organized on 16.09.2021. The Quiz contains basic and logical concepts that make the students to understand better in python and to enhance their thinking for programming concepts.



A Webinar on UI/UX Designing was organized on 25.09.2021. The function was honored by Mr.Jaivignesh P, Associate User Experience Designer, Cognizant Solutions, Chennai.



Placement Activities:

- Placement Training for final year students was given from 02.07.2021 to 27.07.2021
- Company specific placement training for final year WIPRO Eligible Students was given from 16.08.2021 to 26.08.2021
- Dayanand K G, Kapilananth K S, Manisankar G of final year CSE got an offer letter from LIDO (Annual Compensation INR. 500000/- per annum)

Students Activities:

- 127 second year students have attended training on 'Java and Netbeans' organized by FOSS-IIT Bombay on 18.08.2021

- 127 third year students have attended training on 'HTML' organized by FOSS-IIT Bombay on 13.08.2021
- 111 Final year students have attended training on 'Android App using Kotlin' organized by FOSS- IIT Bombay on 12.08.2021

Students NPTEL

- 1 student completed the course 'Introduction to Machine Learning' in NPTEL during September 2021
- 1 student completed the course 'Python for Data Science' in NPTEL during September 2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Programs organized by the department (Grants received) Seminar / FDP / Guest lecture / workshop

Webinar

A webinar on 'How to tackle the interview' was conducted on 28.08.2021 for final year ECE students.



Industrial Training Program

- A- one week online International Level Industrial Training Program on 'Blockchain using Python' was organized in association with Pantech Solutions, Chennai from 26.07.2021 to 01.08.2021.

Workshop

- Hands on training on 'Data Analytics Using Python' was conducted on 22.09.2021 for third year ECE students.

Project Expo

- Intra department Project Exhibition and Demonstration - Techspark 2021 was conducted on 24.09.2021 for second and third year ECE students.

Association Activities

- Farewell Function was conducted for 2017-2021 batch students through online on 03.07.2021.
- A workshop on 'Blog creation and its use for effective Teaching' was conducted on 19.08.2021 for ECE faculty members.
- The Inaugural function of ECE Association (CENIREA) and webinar on 'Embedded Cyber security' was conducted on 28.08.2021 for all the ECE students.



Placement Activities:

- 114 students of final ECE have attended a virtual placement training handled by FACE academy from 02.07.2021 to 27.07.2021.
- Gnana Nivetha S of batch 2017-21 have got placed in Temenos with salary package of 6.31 LPA.
- 73 final year students of batch 2018-22 have attended Virtual Campus recruitment drive - M/s Mobiveil Technologies, Chennai on 23 July 2021.
- 91 final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s Zifo RND Solutions, Chennai on 16 August 2021 and 43 students shortlisted for next round.

- 112 students of final ECE have attended Wipro specific virtual placement training handled by New Leaf Learning Solutions CRT Training from 16 August to 22 August 2021.
- 112 students of final ECE have attended Wipro specific virtual mock interview handled by our ECE department faculty members from 26 August to 29 August 2021.
- 111 final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s Wipro Technologies, Chennai on 01.09.2021 and 18 students got selected.
- 90 final year students of batch 2018-22 have attended off-campus recruitment drive -M/s LIDO Learning, Chennai on 09.09.2021.
- 107 final year students of batch 2018-22 have attended virtual campus recruitment drive -M/s Hexaware Technologies, Chennai on 14.09.2021.
- 94 final year students of batch 2018-22 have attended virtual campus recruitment drive -M/s TCS, Chennai.
- 94 final year students of batch 2018-22 have attended virtual campus recruitment drive -M/s DXC Technologies, Chennai on 30.09.2021.

Students Activities:

Industrial Training Program Details

A one week online International Level Industrial Training Program on "Blockchain using Python" was organized in association with Pantech Solutions, Chennai. The total registration count for this Industrial Training Program was around 5200 participants from various countries all over the world and they successfully completed the training program and got benefited.

NPTEL Certificates

10 students of final year ECE completed the NPTEL online certification course on 'Introduction to Internet of Things'. (02-Elite+Silver and 05-Elite).

12 students of final year ECE completed the NPTEL online certification course on 'Principles of Management' successfully. (04-Elite+Silver and 08-Elite).

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Association Activities:



The Webinar on 'Life Skills and Social Entrepreneurship' was conducted on 19.07.2021, Monday at 10.00 am. The function was honoured by Er.R.Sathishraj, CEO, E-Crusaders, Chennai.

Student activities:

40 Students successfully completed the course in NPTEL during July 2021.

DEPARTMENT OF INFORMATION TECHNOLOGY

Association Activities:

Association Inaugural function and a Guest Lecture on 'Career Growth And It's Opportunities' was conducted on 14.08.2020 for the benefits of second, third and final year students.



A Seminar on 'Full stack Development Mean Stack' was conducted on 08.09.2021 for the benefit of second year students.

A Hands-On Training on 'Mean Stack Web Development' was conducted on 16.09.2021 for the benefit of second year students.



A Seminar on 'Next Generation Technologies in the IT World' was conducted on 25.09.2021 for the benefit of second year students.

Placement-Activities:

- M. Dharshini, R. Gopinath, L. Lakshmi, S. Logalakshmi, N.Manosri, S .Pranesh, P. Ragul, S. R. Suryaa, S. Thanigai Singaravelan of final year have got placed in Wipro Elite.
- R.Gopinath, C. P. Nithish Kumar of final year have got placed in Hexaware.
- Final year students, M. Amrish, S. Devipriya P Soundararajan, T. Kautham, N. Kiruthika, L. Lakshmi, S. Logalakshmi, N. Manosri, G. Mathumitha, H. Renuka, S. SathiyaMoorthi, R. Sneha, R. Suganya, D. Surabi, S. Thanigai Singaravelan, R.Vidhyakaran have got placed in TCSNQT.
- Final year students, M. Amrish, S. Atchaya, L. Dheebiga, S. Harshini, B. Keerthana, M. Monisha, S. Parthiban, S. Priyadarshini, K. Puvarshini Nanthithaa, R. Sneha, S. Sneha, R. Suganya, D. Surabi have got placed in DXC Technologies.

Student activities:

Courses attended

- S. Rizwana , S. Gokul Prasath completed the course 'Python Blockchain' conducted by Pantech E Learning from 26.07.2021 to 01.08.2021.
- Kautham T completed the course 'Data Structure and Algorithm' conducted by Upgrad from 01.05.2021 to 02.08.2021.
- J. P. Sabeela completed the course 'SSC NASSCOM Artificial Intelligence Foundation' conducted by NASSCOM Future Skills on 29.07.2021.
- S. Dheekthana completed the course 'Blockchain Using Python' conducted by Pantech E Learning from 25.07.2021 to 01.08.2021.
- 4 students completed the course 'Introduction to IOT' conducted by 'NASSCOM Future skills on 24.07.2021.
- H. Renuka completed the course 'Artificial Intelligence Foundation' conducted by NASSCOM Future Skills on 29.07.2021.
- 4 students completed the course 'Blockchain using Python' conducted by Pantech E Learning from 26.07.2021 to 01.08.2021.

Workshops attended:

- S. Gokul Prasath attended the workshop 'Electronic Circuits and PCB Design' conducted by Pantech E Learning from 12.07.2021 to 16.07.2021.
- T. J. Vaishali attended the workshop 'Learn to Code-Java Programing' conducted by Pantech E Learning on 19.07.2021 to 23.07.2021.

- G. Kavishna attended the workshop 'Arduino Programing' conducted by Pantech E Learning on 26.07.2021 to 30.07.2021.
- S. Rizwana attended the workshop 'IOT and Embedded System' conducted by SRM Institute from 11.08.2021 to 13.08.2021.
- S. Kiruthiga attended the workshop 'Flash Framework' and 'Autonomous Vehicles using Lidar' conducted by Pantech E Learning from 25.09.2021 to 26.09.2021.
- M. Amrish attended the workshop 'Microsoft AI classroom' conducted by Microsoft on 03.09.2021.

Webinar:

- G. K. Madanika attended an online webinar on 'wireless power transfer technology in EV applications' conducted by Pantech E Learning on 02.07.2021.
- S. Deepak attended an online webinar on 'Full Stack Web Development Program DEMO session' conducted by Edureka on 16.08.2021.
- S. Supreeta attended an online webinar on 'P2B#151 Google colab Machine Learning App' conducted by Perfect Plan B E Learning Private Limited on 18.08.2021.

DEPARTMENT OF MECHANICAL ENGINEERING

Association Activities:

Inaugural Function & Webinar:

'Fabulous Association of Mechanical Engineers (FAME)' and 'SAE India VCET Collegiate Club' inaugurated the club activities for the academic year 2021-2022 and organized a webinar on 'Manufacturing on Demand from Prototyping to Mass Production'.

The chief guest was Mr.V.Tamizhinian, Founder-CEO, Frigate Engineering Services and Private Ltd, Chennai.



SAE Lecture Meeting:

SAE India VCET Collegiate Club organized an online lecture 'Tractor Technology and Innovations' on 14.08.2021. The Key speakers are Mr. PadakrSurwade, Senior lead Engineer and Mr. Rajasekar Siddheswaran, Deputy General Manager, John Deere and delivered the technological development process of tractors, the importance in agriculture field, and also



innovations in the engine component, electronic hardware, remote control system, safety, comfort, body, hood and auxiliary hardware of the tractors.

Placement-Activities:

- 60final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s Zifo RND Solutions, Chennai.
- 52final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s Wipro Technologies, Chennai.
- Mr. V. Premkumar, Final Year Student got placed in M/s Wipro Technologies, Chennai.
- 45final year students of batch 2018-22 have attended Off Campus recruitment drive -M/s LIDO Learning, Chennai.

- 60final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s TCS, Chennai.
- 53final year students of batch 2018-22 have attended Virtual Campus recruitment drive -M/s DXC Technology, Chennai.

Students Activities:

- V. Logesh, Third year student attended Quiz on 'Brain Teasers Quiz' at KPR Institute of Engineering and Technology, Coimbatore on 05.07.2021.
- S.Thangavel, Final year student attended 'Emotional Intelligence' conducted by SAEISS Erode Division on 24.07.2021.
- N. Sapnaa& R. Sandhiya second year students attended Webinar on 'Aspire and Achieve' at INFOSYS (Online) on 03.08.2021.

DEPARTMENT OF MEDICAL ELECTRONICS

Association Activities:

- Department of Medical Electronics in association with Medieclitix organized a webinar on 'How to crack Zifo placement? For a Successful Career' by Ms.Abarna and Team, Associate Analyst, Zifo Rnd Solutions. Chennai on 24.07.2021. This webinar provided knowledge on placement rounds for future engineers to success in life. In this programme around 75 students and 9 faculty members participated.
- A webinar on 'Chase Your Dreams' by Ms. Karthika Ramalingam, Entrepreneur-Global Distributor, E-Commerce on 30.07.2021 was organized by Department of Medical Electronics in association with Medieclitix. In this programme around 70 students and 9 faculty members participated.
- Teacher's day was celebrated on 05.09.2021. On this day, non technical events were conducted by the students for VCET staff members.
- A Webinar on 'Innovation Trend and Grand Opportunities In Healthcare industry' by Ms.S.Kiruba, Mechanical Architect philips Innovation campus, Bengalore on 07.09.2021. In this programme around 96 students and 9 faculty members were participated.

Students Activities

- M.Jeevitha and S.Muthuselvi of Third year attended a national level workshop on 'Arduino Programming', hosted by Pantech eLearning from 26.07.2021 to 30.07. 2021.
- M.Jeevitha of Third year attended a national level workshop on 'Electronic Circuits and PCB design', hosted by Pantech eLearning from 12.07.2021 to 16.07. 2021.

DEPARTMENT OF MBA

Association Inaugural Function

Organized Association Inaugural Function on 27-08-2021. Shri. DURAI PALANISWAMY ,Executive Director, Pallava Group of Companies, Erode & Vice Chairman, CII - Erode Zone, Erode was the resource person.



Seminar

Organized a seminar on “Qualities of Great CEOs” on 14.09.2021. Shri. JFM.Narendra Kumar Patel, Managing Director, Gayathri Marbles, Erode & Zons Trainer – JCI, India was the resource person.



Organized a Seminar on 'Importance of communication in every walk of life' on 24.09.2021 and Mr. P. Anjesh, Buyer Communicator for Textile Industries, Coimbatore was the resource person.

Organized a seminar on “Skill Set for MBA's after their Graduation” on 29.09.2021. Shri. V. Mohanraj, Managing Director, Anupam International, Erode was the resource person.



Workshop



Organized a Workshop on “Employability skills for MBAs” on 24.09.2021. Mr. P.Arun & Mr.Praveenkumar R, Executive Trainers, Innovative HR & Training Pvt Ltd., Coimbatore was the resource person

Entrepreneurship Development Cell Inauguration:

Entrepreneurship Development Cell activities for the academic were inaugurated on 28.09.2021. Thiru. P. Nallamuthu, Managing Director, Abhinav Fabrics Pvt Ltd., Karur was the Chief Guest.

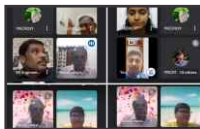


DEPARTMENT OF PHYSICS

Association Activities

Rotaract Club Activities:

'Adithalam'- Logo & Theme Launching Ceremony was held on 08.07.2021 for the year 2021-2022.



Theme for the year is 'SPARK TO STIMULATE'.



Power of Positive Thinking

A Seminar on 'POWER OF POSITIVE THINKING' was conducted by Kowsika G on 12.07.2021.

On behalf of Karmaveerar Kamarajar birthday celebration, a platform was created for the members to share their skills through this event.



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SALUTES THE HEROES OF KARGIL VIJAY DIWAS:

A video about the victory of Kargil war through our tube was conducted on 26.07.2021



An event about Tiger's welfare and forest conservation was organised through Google meet on 28.07.2021 as mark of World Nature Conservation Day

Tree Plantation with NGOS

'Maanbumigu Marangal Kuzhu' and 'Manitha Pasumai Iyakkam' organised a plantation campaign and planted around 1000 saplings at veppadai, Tiruchengode on 01.08.2021.



The 1000 trees of 61 species were planted on bare land in order to create 'Kurungaadu' which acts as home to many living creatures like birds and squirrels.

Club Fellowship

The intra-club fellowship event through google meet was successfully completed on 06.08.2021. The event was started



with self introduction by all the office bearers to ignite the interaction from the beginning. A lot of fun events were conducted and the event went on in an informal way.

Make A Change

A signature campaign titled 'Make A Change' was conducted to create awareness against corruption on 12.08.2021 using google forms. 116 responses were received.



Mupperum Vizha

'Mupperum Vizha' a collective celebration of '75th - Independence Day', '125th birth year of Nethaji Subash Chandra Bose' & '100th memorial year of Mahakavi Bharathiyar' was conducted on 15.08.2021.



Sri.L.Murugan, Union Minister of Information and Broadcasting, Fisheries, Animal Husbandry, Dairy development, New Delhi was the chief guest and Thiru, S.D.Chandrasekar, Secretary and Correspondent, Velalar Educational Trust, Erode has graced the occasion.

Kadhai Ketpoma

District Special Project 'Kadhai Ketpoma? Kadhai-1' was organised on 23.08.2021 in the official you tube page of Rotaract Club , VCET. The project was made by Rtr. Tamilpriya TS, Club Service Director.



Rotaract Club Installation



The 18th Installation Ceremony of the Rotaract Club of VCET for the Rota year 2021-2022 was held on 13.09.2021. 'A journey of thousand miles begins with a single step'.

Magazine Release

The Magazine in the name of 'Thulir' was released on 13.09.2021 which includes the first two month's projects of Rota year 2021-2022.



Sapling Plantation

Rtn.Major Donar K.Shanmuga Sundaram, District Governor, RI District 3203, Rtn.PP.MPHF.M.Sakthi Nallasivam, District Chair, RI District 3203, Dr.M.Jayaraman, Principal of VCET, Rtr.S.Mohamed Ashiq, District Rotaract Representative, Rtr. Dhanasekar Govindaraj, Immediate Past District Rotaract Representative, Rtr.Bharani dharan, Zonal Rotaract Representative, Dr.N.Thangaraj, Club co-ordinator along with the Rotaractors planted neem and mango saplings on 13.09.2021.



Facts About Snakes

An event 'Facts about Snakes' was conducted through Google meet on 19.09.2021. Special Guest, Mr.P.R.Vishwanath, provided interesting facts about snakes and some awareness about snake bites and first aid for snake bites



Take Care of Beat

In view of World Heart Day, an event in the name of 'Take Care of Beat' was conducted through Google meet on 29.09.2021. Dr.P.Ranganathan, M.Ch Neurosurgery Consultant, Neurosurgeon and Managing Director, Sri Vijaya Hi-Tech Hospital, Erode was the chief guest and he delivered a speech about heart diseases.



DEPARTMENT OF CHEMISTRY

Youth Red Cross

Youth Red Cross of our college render their service for COVID19 Vaccination camp conducted by Erode Corporation on 10.10.2021 in and around Erode. 10 YRC Volunteers have participated in this camp.



Green Club

Green Club of VCET conducted a quiz competition on 18-09-2021 in connection with World Ozone Day (16-09-2021). Around 110 students participated in this competition.

CONFERENCE / WORKSHOP / SEMINAR / FDP PROGRAMS ATTENDED BY FACULTY

- 20 programs were attended by faculty members in the department of Bio Medical Engineering.
- 1 program was attended by faculty member in the department of Civil Engineering
- 54 programs were attended by faculty members in the department of Computer Science Engineering
- 38 programs were attended by faculty members in the department of Electronics and Communication Engineering
- 14 programs were attended by faculty members in the department of Electrical and Electronics Engineering
- 15 programs were attended by faculty members in the department of Information Technology
- 18 programs were attended by faculty members in the department of Mechanical Engineering
- 8 programs were attended by faculty members in the department of Medical Electronics
- 4 programs were attended by faculty members in the department of MBA
- 11 programs were attended by faculty members in the department of Maths.
- 8 programs were attended by faculty members in the department of Physics.
- 9 programs were attended by faculty members in the department of Chemistry.
- 6 programs were attended by faculty members in the department of English.

LECTURES / KEY NOTE ADDRESS / CONFERENCE PRESENTED BY FACULTY

Department of Biomedical Engineering

NPTEL Certification

Mr.K.Rajaram has successfully completed the NPTEL online certification (8 weeks) course funded by the ministry of HRD, Govt. of India, IIT Kharagpur on the title 'NBA Accreditation and Teaching - Learning in Engineering (NATE)' with Elite Certification.

Mr.N.N.Balakumar has successfully completed the NPTEL online certification (8 weeks) course funded by the ministry of HRD, Govt. of India, IIT Kharagpur on the title 'NBA Accreditation and Teaching - Learning in Engineering (NATE)'.

Department of Civil Engineering

NPTEL Certificates

Mr.C.Pranesh and successfully completed the course 'NBA Accreditation and Teaching-Learning in Engineering with Topper +silver certificate during Jan -April 2021.

Ms.D.Dharani successfully completed the course 'NBA Accreditation and Teaching-Learning in Engineering with Elite certificate during Jan -April 2021.

Department of Computer Science and Engineering

NPTEL Certificates

Dr.V.Latha Jothi, successfully completed the course 'Data Base Management System' in NPTEL with Elite certificate during Jul - September 2021.

Department of Electronics and Communication Engineering

Dr.V.Gowrishankar acted as resource person in a Industrial Training Program on 'Blockchain using Python' conducted by Pantech in association with VCET from 26.07.2021 to 01.08.2021

Department of Electrical and Electronics Engineering

Dr.P.Sakthivel, Dr.S.Mangai, organized Fourth International Conference on 'Electrical, Computer, and Communication Technologies', at Velalar College of Engineering and Technology

from 15.09.2021 to 17.09.2021.

Dr.N.Kumarappan, Chairman, IEEE Madras section, Chennai, was the resource person of this function.



NPTEL Certification

Dr.M.Sreedhar, Mrs.M.Thenarasi, Mrs.M.Elakkiya successfully completed 12 week NPTEL course on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" with 'Elite Silver' Tag from January 2021 to April 2021.

Dr.P.Sakthivel, Dr.C.Gokul, Dr.K.Vanchinathan, Mr.V.Sabarivelu, Mr.S.Hariprasath, Mr.S.Yamuna, Mr.J.Senthilnath, Mr.S.Ashwanth, Mr.D.Rajkumar,

Mr.T.Govindaraj successfully completed 12 week NPTEL course on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" with 'Elite' Tag from January 2021 to April 2021.

Mr.S.Saravanan, Mr.R.Pradeep successfully completed 12 week NPTEL course on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" from January 2021 to April 2021.

Department of Mechanical Engineering

Dr. R. Prakash presented a paper on 'Comparative Evaluation of Maximum Power Point Tracking in Solar Photovoltaic System using Particle Swarm Optimization and Perturb-Observe Optimization Techniques' in International Conference on Energy and Materials Technologies (ICEMT-2021) conducted by Sri SivasubramaniyaNadar College of Engineering on 20.08.2021 & 21.08.2021.

Department of MBA

Dr.T.Mohanapriya acted as a resource person and delivered a lecture on the topic, 'Be a Winner' Organized by Department of Commerce (Banking and Accounting), Vellalar College for Women, Erode on 15.09.2021.

Department of Physics

Dr.S.Ranjitha, presented paper on the title 'Investigation and analysis of Third Order Non linear Optical Property of 1-acetyl-3,8-dihydro-6-methoxyanthraquinone For Biomedical Imaging Applications' in the 2nd International Symposium on "Modeling Of Crystal Growth Processes And Devices, organized by, SSN Research Institute, Kalavakkam, Chennai from 05-07-2021 to 08-07-2021.

Dr.Deepa Jananakumar participated in the International conference on 'Solution Grown Crystals and Their Useful Applications (SGCA-2021) Organized by SSN Research Centre, SSN Institutions (Autonomous) Chennai, on 13.09.2021 to 15.09.2021.

JOURNAL PUBLICATIONS BY THE FACULTY MEMBERS

Department of Civil Engineering

Mr.C.Karthik 'Testing of cold formed ferritic stainless steel stub columns: axial behavior and design strengths', Innovative Infrastructure solutions, Springer 2021, ISSN: 23644176, July 2021.

Mr.C.Karthik 'Cold-formed ferritic stainless steel closed built-up beams: Flexural behavior and numerical parametric study', Thin walled structures, Elsevier, ISSN 2364-4176, April 2021.

Mr.C.Pranesh 'Experimental study on partial Replacement of coarse aggregate by using coconut shell and cement with flyash', International Research Journal of Engineering and Technology e-ISSN: 2395-0056, April 2021.

Department of Computer Science and Engineering

Dr.S.Kayalvili 'An efficient network security on SDN wireless environment' in the Vidyabharati International Interdisciplinary Research Journal, Special Issue on Engineering Technologies and Management, ISSN 2319-4979, Pg.No. 1796 – 1802 (Web of Science & UGC Care II)

Department of Electrical and Electronics Engineering

Mrs.M.Elakkiya, 'An Enhanced security mechanism for voting system to prevent Election Data Tampering using IoT and Blockchain', Turkish online journal of qualitative Inquiry (Scopus Indexed), ISSN1309-6591, vol 12, issue 8,pp 3199-3204 July 2021.

Dr.K.Vanchinathan, 'Adaptive fractional order PID controller tuning for brushless DC motor using Artificial Bee Colony algorithm',Results in Control and Optimization (Scopus Indexed), Volume 4, 100032, September 2021.

Dr.P.Sakthivel,'FPGA Implementation of Balanced Biorthogonal Multiwavelet Using Direct Pipelined Mapping Method for Image Compression Applications',Sensing and Imaging(Scopus Indexed),ISSN 1557-2064,Vol.22, Issue no.1, pp. 1-19,September 2021.

Department of Mechanical Engineering

Mr.G.Raja, 'Surface Engineering of Zinc Sulphide Film for Augmenting the Performance of Polycrystalline Silicon Solar Cells', Vol.18, Issue-7, pp. 375-384, July 2021.

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Mr.S.Arun Kumar, 'Evaluation of tensile strength retention and service life prediction of hydrothermal aged balanced orthotropic carbon/glass and Kevlar/glass fabric reinforced polymer hybrid composites', August 2021.

Department of Mathematics

Dr.S.Senthilraj, 'Delay-dependent passivity analysis of nondeterministic genetic regulatory networks with leakage and distributed delays against impulsive perturbations' in the Scopus indexed journal "Advances in Difference Equations" during July 2021. (Online Paper ID: 353)

Department of Physics

Kiruthika.P, Dr.N.Thangaraj 'Modulating the hardness and magnetic property of NiMnWP by an organosulphur additive for magnetic storage applications', Digest Journal of Nanomaterials and Biostructures, Vol 16, pp 855-862, July 2021

Aruna Christy.T, Dr.N.Thangaraj , D.Sasikumar 'Effect of current density on electrodeposited Ferrous Cobalt Tungsten magnetic thin films', Digest Journal of Nanomaterials and Biostructures, Vol 16, pp 847-853, July 2021

Department of Chemistry

Dr.K.Manikandan, "Facile synthesis and characterization of W-doped TiO₂ nanoparticles: Promising anticancer activity with high selectivity" "Inorganic Chemistry Communications" (Elsevier). Vol.132, PP1-5, Aug-2021

RESEARCH ACTIVITIES

Award of PhD:



Ms. S. Devi, Assistant Professor/ Physics has completed her Doctoral Degree from Anna University, Chennai during July 2021. Her research title is 'Growth and characterization of some oxalic acid based nonlinear optical single crystals'. She has published 4 research papers in International journals.

Patent:

Department of Electronics and Communication Engineering

Ms.P.Ragavi Published a Patent on 'Image Reconstruction Method Via Iterative Linear Interpolation Using Verge Points' on 24.09.2021. [Reg.No: 23.08.2021 & 202141038028].

Department of Mechanical Engineering

Dr.A.Thirumoorthy, Dr.R.Kumaravelan, Mr.T.C.R.Dinesh published a patent on 'System and Method for Producing Green Composites from Industrial and Agricultural Waste', on 15.09.2021. (Patent Application Number: 2021101569)

Consultancy/ Testing Activities:

Department of Civil Engineering

Dr.E.Ravi and Ms.A.Anitha generated a revenue of Rs.1,000/- by testing of Concrete cubes and bricks samples in Concrete and Highway Engineering Lab.

AWARDS / RECOGNITIONS

Department of Electronics and Communication Engineering

Ms.R.Mohanabarathy received the appreciation award for fostering students to strengthen the ecosystem bridging Government, Academia and Industry from Texas Instruments.

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