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About Chettinad Tech

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Chettinad College of Engineering and Technology constantly engages in experimental activities that involve inculcating as well as developing the skills of the students in the realm of Engineering and Technology at par with the novel developments in the current competitive world.

WELCOME DAY – HIGHER SEMESTER

The event of welcoming the higher semester students was conducted by the respective departments with the view to celebrate the arrival of new lateral entry students into Chettinad Tech. The event was conducted on 01.07.2019 and 02.07.2019 in the respective departments separately. Events such as Technical Connect and Presentations were conducted along with a variety of fun events.



SMART INDIA HACKATHON - 2019

Our students participated in the Grand Finale-Smart India Hackathon 2019 from 08.07.2019 to 12.07.2019 at Forbes Marshall Pvt. Ltd., Indian Institute of Science Education and Research, Pune. A total of 6 students under the mentorship of one faculty member took part in the event.



File Photo – Our students interacting and experimenting at Forbes Marshall Pvt. Ltd, Indian Institute of Science Education and Research, Pune.



DEPARTMENT EVENTS

Department of Civil Engineering

The Department of Civil Engineering organized a Survey Camp at Palamalai, Karur from 24.06.2019 to 28.06.2019. Twenty six students attended the camp and got training on surveying strategies.



Our students at Palamalai Survey Camp



Our students at Palamalai Survey Camp

Scientists investigate that which already is; Engineers create that which has never been

Department of Electronics & Communication Engineering

Hands-on Training:

Under the Umbrella of IEEE Student's Branch (ISB No: 10078) of our Chettinad Tech, a **three-day hands-on-training-cum-workshop on "AI using Raspberry pi with IOT "** was conducted from 25th June 2019 to 27th June 2019 for the **III year ECE students**. A total of 36 students from ECE department participated in the training and learnt about Python programming with Raspberry pi as well as the real-time projects implemented using pi.



Training Session handled - during the workshop by Ms. Prithiya.K, Technical Trainer, Galwin Technology.

Department of Electrical and Electronics Engineering

Webinar:

A webinar was organized by the Department of EEE on "VLSI Design using Verilog HDL". The programme was held on 10.07.2019 and Mr. P.R.Sivakumar, CEO, Maven Silicon Bengaluru delivered lecture through web and interacted with our students. All the students of EEE attended the event and interacted with the Resource Person through web and updated the current technical occurrences in the field.



Mr. P.R.Sivakumar, CEO, Maven Silicon, Bengaluru delivering lecture through web

Value-Added Course:

The department organized a three-day **value added course on "PLC/SCADA for Industrial Automation"** from 25.06.2019 to 27.06.2019. **Trainers from Galwin Technology**, Trichy trained our students on the new developments in the field. 38 students of III year EEE participated in the event.



Our students getting trained by the Trainers from Galwin Technology, Trichy at our campus

Technical Seminar:

A Technical Seminar was conducted by the department on "Energy Conservation in Commercial Utilities" for the II, III & IV EEE students. The session was moderated by Prof. V. Anandhkumar, Assistant Professor / EEE on 24.07.2019.

Department of Mechanical Engineering

Hands-on-Training:

The Department of Mechanical Engineering, conducted a Hands-on-Training on "AutoCAD" from 24.06.2019 to June 26.06.2019 for II year Mechanical students. During the course, the students were given introduction to Auto CADD, advanced 2D sketching tools & modifying aids, basic dimensioning, geometric dimensioning & tolerance, assembly of 2D & 3D models.



Our students attending Hands on Training on "AutoCAD"

The Department conducted a one day training on 'Engine Assembly' on 26.06.2019 for the II Year Mechanical students. The training gave a clear idea to the students about the basics, techniques, features, practical applications of modern engines, various parts and its functions and the procedure for assembly as well as dismantling.



II MECH Students at one day Engine Assembly Training

A Hands-on-Training Programme on 'Injection Moulding' and "Casting Process" was given to II year Mechanical students on 28.06.2019. Students got experimental knowledge and practice on melting of plastic gems, moulding material inside the heating cylinder, created moulded product into the die cavity and solidification along with sand casting methods for materials.



Our II MECH students attending Hands on Training on 'Injection Moulding'



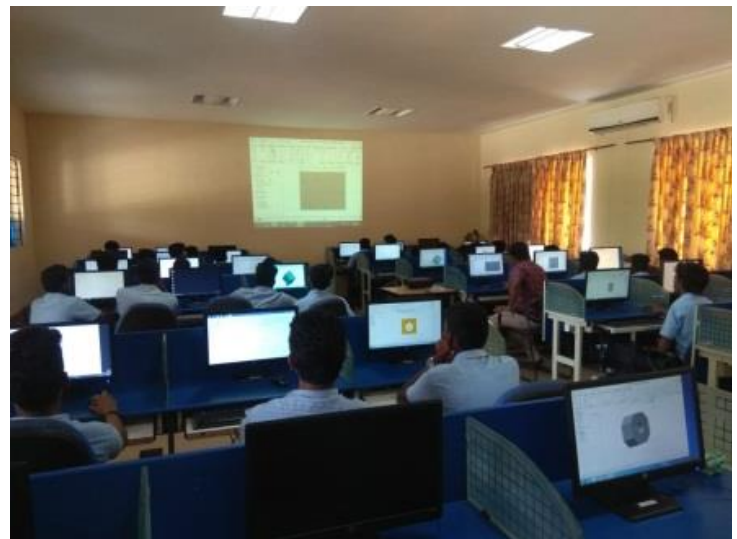
Our II MECH students attending Hands on Training on 'Casting Process'

An experimental training on 'Injection Moulding' was conducted by the department from 24.06.2019 to 25.06.2019 for III Year Mechanical students. Students were given training on designing and making products on single and multi-cavity.



III MECH Students attending 'Injection Moulding' Training

A two day training programme on "Creo 2.0" was offered to the students of mechanical engineering from 26.06.2019 to 27.07.2019. During the course of training, students were briefed upon sketching, modelling and validation of product design.



MECH students on a two day training on "Creo 2.0"

A one-day workshop on “The application of non-destructive testing” was conducted by the department for the III year students. The workshop was conducted on 28.06.2019 and students were given exposure to Ultrasonic testing, Radiographic testing, Ultrasonic thickness gauging, and Radiographic film interpretation.



III MECH students at the workshop on “The application of non-destructive testing”

The Department organized a Guest Lecture for the III and IV year students. Dr. P. Parameswaran, Senior Scientist, (IGCAR - Kalpakkam), Department of Atomic Energy, Government of India was the Resource Person for the programme and delivered lecture on ‘Engineering Materials - Failure Analysis- A Metallurgical Perspective’.



Dr. P. Parameswaran, Senior Scientist, delivering lecture on ‘Engineering Materials - Failure Analysis- A Metallurgical Perspective’

Department of Science and Humanities

Inaugural cum Induction Programme:

The Department of Science and Humanities welcomed the 11th batch to the I year B.E programmes of Chettinad Tech with an Inaugural-cum-Induction Programme on 31.07.2019. Dr. K. Senthilvelan., MBBS., MD, Psychiatrist-cum-De-addiction Specialist, Vidiyal Hospital, Karur was the Chief Guest for the programme. The Chief Guest gave a special motivational talk to the young minds of Chettinad Tech in which he elaborated the roles as well as responsibilities of the students academically, professionally and socially, besides kindling their curiosity towards the ethics of life.



Principal honouring the Chief Guest



Our new batch of First Year Students



Principal delivering the welcome address



Dr.K.Senthilvelan. Psychiatrist cum De-addiction Specialist, Vidiyal Hospital, Karur delivering the Chief Guest Address

INTERNSHIP CUM INPLANT TRAINING



Mr. R. Mugil of IV year Mechanical Engineering underwent a 28 day internship programme at Faurecia Emissions Control Technologies India Private Limited, Sriperumbudur. Our student took part in the internship programme from 13.06.2019 to 11.07.2019.



Our third year Mechanical Engineering students underwent a four-day internship-cum-inplant training programme from 24.06.2019 to 27.06.2019 at Chettinad Cements, Puliur. 15 students participated the in-plant training and updated their perspectives and skills in the corresponding technical fields.



Our CIVIL students at the construction site of Burgundy

A five-day internship training programme was organized by the Department of Civil Engineering of Chettinad Tech with Chettinad Builders Pvt Ltd., Coimbatore from 03.07.2019 to 07.07.2019. A total of 8 students from the final year Civil Engineering underwent internship training programme at different construction sites of Chettinad Builders such as KMCH, NGP, Burgundy in the city of Coimbatore and Akshaya in the city of Chennai. The programme enhanced the skills of the students to transform their theoretical knowledge into the practical situations.





Our aspiring Management Trainees on inplant training at Kamarajar Port Limited, Chennai

Our young aspiring management trainees from II MBA underwent a six-day in-plant training at Kamarajar Port Limited, Chennai from 17.06.2019 to 22.06.2019. 8 management trainees of Chettinad Tech undertook the training and acquired mastery over organizational and coordination skills.



II MBA students on inplant training at Chettinad Coal Terminal Private Ltd., Chennai.

A five-day In-plant Training Programme was organized by the Department of Management Studies from 17.06.2019 to 22.06.2019 with Chettinad Coal Terminal Private Ltd., Chennai. 8 students from II MBA visited Chettinad Coal Terminal Private Ltd., and enhanced their understanding on organizational skills.

The Department of EEE and Mechanical Engineering jointly organized **Inplant training with Best Engineer pumps, Coimbatore. 3 students from II year Mechanical Engineering and 1 Student from EEE** took part in the training and enhanced their technical knowledge.

The Department of EEE organized an **Inplant Training with TNPL, Kagithapuram, Karur** for the **II year EEE students**. 2 students attended the training programme and got benefitted.

INDUSTRIAL VISIT

Industrial Visit – CIVIL:

Our II, III and IV year civil students went for an industrial visit to Adithya Builders, Thiruvananthapuram on 26/7/2019. A total of 51 students visited the construction site and got live experience.



Students of civil engineering visited Madappally Builders, Kottayam as a part of industrial visit on 27/07/2019. The students visited the site along with 3 faculty members and made themselves familiar with the construction techniques of fly over.





Our CIVIL students at Madappally Builders, Kottayam

Industrial Visit –CSE:

Our CSE students went for an industrial visit to **Techno Valley Software India (P) Ltd, Cochin** on 26.07.2019. A total of 86 students participated in the industrial visit and interacted with the technocrats in the company.



Our CSE students visited **Kannan Devan Automated Tea Factory, Munnar** on 27.07.2019.



Industrial Visit – ECE:

The Department of Electronics and Communication Engineering organized a one-day industrial visit to **BSNL, Karur** on 27.06.2019. A total of 37 students along with two faculty members visited the telecom organization and got exposure in terms of the process of transmission and receiving applications, cables as well as modern communication equipment and modulation of various signals.



Our ECE students on an industrial visit to BSNL, Karur

Our ECE students visited **Kerala Electrical & Allied Engineering, Cochin** on 26.07.2019. 85 students visited the industry and got updated with the technical operational processes.

Strive for perfection in everything you do.



An industrial visit was arranged to **Lockhart Tea Factory, Munnar** by the department on 27.07.2019. The students visited the factory and learnt about the electronics and communication processes involved in the operation of the machineries in the factory.



Industrial Visit – EEE:

The Department of EEE organized an Industrial Visit to **TANGEDCO, Karur** on 24.06.2019 for the III year EEE students. 38 students, under the guidance of 3 faculty members, visited TANGEDCO and enhanced their technical skills.



24 students from II EEE went for an Industrial Visit to **Walwahan Renewable Energy Pvt. Limited., Veeriyampalayam, Krishnarayapuram, Karur** on 25.6.2019. The students visited the industry and updated their technical knowledge on Modern Renewable Energy sources.



EEE students went for an industrial visit to **Deepanjan Power Cables, Mysore**. 52 students visited the industry on 26.07.2019 and got exposure.



Industrial Visit – MECH:

II year Mechanical Engineering students visited **Anna Aluminium, Cochin** on 26.07.2019 and HMT Machine Tools Limited, Cochin on 27.07.2019. 46 students visited the companies and got exposure to the practical learning aspects.

III year students went for an industrial visit to **Karnataka Silk Industries Corporation, Mysore** on 26.07.2019. 52 students took part in the visit and got benefitted.



An industrial visit to **Vaishnavi Industries, Mysore** was organized for II, III and IV year EEE students on 27.07.2019. The students visited the industry under the guidance of faculty members and enhanced their technical knowledge.

An industrial visit was arranged for the final year students with **Government Tool room and Training Centre, Mysore** on 26.07.2019. 47 students from IV year mechanical engineering visited the industry and got equipped with their technical skills.



IV MECH students at Government Tool room and Training Centre, Mysore as a part of industrial visit

Our III and IV year Mechanical Engineering students visited SLN Coffee Works Pvt.Ltd., Kushalnagar, Karnataka on 27.07.2019. Totally, 99 students participated in the visit and got familiarized with the working processes of the machineries.



TANCET COACHING CLASS



Budding MBA aspirants on TANCET Coaching conducted by Chettinad Tech

The Department of Management Studies organized **TANCET Coaching Class for the MBA aspirants** on 14.06.2019. A multitude of management aspirants attended the coaching and were benefitted.

FACULTY ACTIVITY

Dr. G. Sahaya Dennish Babu, Assistant Professor of Physics of Chettinad Tech visited National Institute of Technology, Warangal as Resource Person for a five-day workshop on "Fabrication of Optoelectronic Devices and Sensors - Hands-

on Experience" and delivered an invited lecture on 'Recent trends in Perovskite Materials and their Applications in Solar Cells and Light Emitting Diodes – Fabrication, Testing, and Analysis'. The workshop was held from 17.06.2019 to 21.06.2019 at NIT, Warangal.

PROJECT PROPOSALS

- Chettinad Tech has submitted a Project Proposal with a value of Rs. 10.76 Lakhs to UGC-DAE CSR, Kalpakkam Node, Tamil Nadu.

Chettinad College of Engineering and Technology has presented a Project Proposal with a budget of Rs.10.76 Lakhs to UGC-DAE CSR, Kalpakkam Node, Tamil Nadu with the title 'Synthesis and Characterization of Chalcogenide Perovskite Nanomaterials for Optoelectronic Applications'. The motive of the project is Theoretical, experimental investigations on next generation advanced nanomaterials - hybrid and chalcogenide perovskite nanomaterials using versatile computational and experimental techniques. The Principal Investigator is Dr. G. Sahaya Dennish Babu, Assistant Professor of Physics of Chettinad Tech and the Scientific Advisor of the project is Dr. P. Parameswaran, Senior Scientist, Head-XRDSES, Physical Metallurgy Group, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam,(Department of Atomic Energy, Government of India).

- Chettinad Tech has sent a Project Proposal containing 10 projects with a total value of Rs.2,500,000/- to NSTEDB under DST – Ministry of Science and Technology, Government of India.

Chettinad Tech has sent proposal containing 10 projects with a total value of Rs.2,500,000/- to NSTEDB under DST – Ministry of Science and Technology, Government of India with the primary objective of establishing a "New Generation Innovation and Entrepreneurship Development Centre" in our campus. The proposal has been submitted at Entrepreneurship Development Institute of India, Ahmedabad for approval.

CENTRE OF EXCELLENCE



Dr. A. Punitha, Principal - delivering the address at the time of signing MOU with Augusta Hi-tech soft Solutions, Coimbatore

Chettinad Tech signed an MOU with Augusta Hi-tech soft Solutions, Coimbatore and established a Centre of Excellence on 06.06.2019 in view of keeping the students updated as well as participatory in the technical projects of the company.

PLACEMENT TRAINING

- The Training and Placement Cell of Chettinad Tech organized a 10 day placement training Programme from 13.06.2019 to 22.06.2019. Mr.P.Suresh Anand, Senior Trainer from C Cubes Technologies trained our final year CIVIL students on Tekla software.



Mr.P.Suresh Anand, Senior Trainer from C Cubes Technologies giving training to our final year CIVIL students on Tekla software.

- A five day Placement Training Programme was conducted for the final year CIVIL, CSE, ECE, EEE, MECH and MBA students of Chettinad Tech from 24.06.2019 to 28.06.2019. The programme was organized by the Training and Placement Cell of Chettinad Tech. 4 trainers from Yardstick Training and Placement Academy, Coimbatore visited our campus and gave training on Aptitude and Soft Skills to our students. A total of 210 students underwent the training programme and equipped themselves with the diverse employability skills.



Trainer from Yardstick Training and Placement Academy, Coimbatore training on Aptitude and Soft Skills to our students

- A Mock Interview was arranged for our final year CSE, ECE & EEE students. Mr. Isaac Patturaja GB, HR Manager, Sanmina –SCI India Pvt Ltd., visited our campus and conducted Mock Interview for our students. 84 students attended the mock interview and gained realistic experience of the interview process.



Mr. Isaac Patturaja GB, HR Manager, Sanmina –SCI India Pvt Ltd. Interacting with our students.



Mr. Isaac Patturaja GB, HR Manager, Sanmina –SCI India Pvt Ltd. Conducting Mock Interview for our students.



Our student at mock interview with Mr. Isaac Patturaja GB, HR Manager, Sanmina –SCI India Pvt Ltd.

ON CAMPUS DRIVE



Recruiters from Augusta Hi-tech soft Solutions, Coimbatore handing over the offer letters of the selected students

Augusta Hi-Tech Solutions, Coimbatore visited our campus and conducted an on-campus drive for our final year CSE, ECE and EEE students on 06.06.2019. Two of our current final year students cracked the interview and got selected for the position of Trainee-Python Development with the pay scale of 4.5-6.5 Lakhs/Annum.

Our students who got placed in Augusta Hi-tech soft Solutions, Coimbatore with the pay scale of 4.5-6.5 Lakhs/Annum.



Keerthana P.S
CSE-IV



Vigneshwari K
ECE-IV

SOCIAL CLUB ACTIVITIES

- Tamil Poetry and Essay Writing Competition was organized by the Leo Club of Chettinad Tech on 15.07.2019, observing the birth anniversary of Kamarajar with the view to develop the students' curiosity and knack in literary activities.



Our students at essay writing competition conducted on Kamarajar's birth anniversary

- The Social Welfare Clubs of Chettinad Tech along with Karur District Legal Services Authority jointly organized a legal awareness camp about "Anti-Ragging Laws" on 16.07.2019. 3 Judges from the Sub-Court of Karur visited our campus and delivered special address, besides interacting with our II year UG students on various issues related to anti-ragging.



3 Judges from the Sub Court of Karur interacting with our students in our campus at a legal awareness camp about "Anti Ragging Laws"

- An awareness programme on saving water resources was conducted as a part of "Jal Shakti Abhiyan Campaign" of the Department of Drinking Water and Sanitation, Ministry of JalShakthi, Government of India. The programme was held on 22.07.2019 and knowledge sharing session was conducted with the theme "Water Shed Management".



Awareness programme on "Jal Shakti Abhiyan Campaign" of the Department of Drinking Water and Sanitation, Ministry of JalShakthi, Government of India

Engineering is not only study of subjects but it is moral studies of intellectual life.



- A technical knowledge **sharing session on “Railway Network”** was organized by the **Leo Club of Chettinad Tech**. Our students were taken for an on-site session at Virarakkiyam Railway Station on 24.07.2019 and interacted with the technologists in the railway and learnt the nuances of ‘Operations Involved in Signalling and its Evolution from Manual Process to Current Digitized System’.



Our students interacting with the technologists in the railway at a technical knowledge sharing session on “Railway Network” at Virarakkiyam Railway Station

- **Clean India Campaign** was organized under **Swachh Bharat Mission** on 24.07.2019. As a part of the campaign our **students visited Virarakkiyam Railway Station and cleaned the premises of the railway station** and conducted a campaign by explaining the passengers about the necessity to keep the station clean, besides distributing pamphlets containing the guidelines for keeping the locality clean.



Our students with the officials of Virarakkiyam Railway Station



Our students - cleaning the premises of Virarakkiyam Railway Station as a part of Swachh Bharat Mission



Our students distributing pamphlets containing the guidelines for keeping the locality clean

➤ A rally was organized for “**Water Harvesting and Water Conservation Awareness**” in connection with the **Jal Shakti Abhiyan Scheme of the Government of India** on 29.07.2019. The rally started at the Main Gate of Chettinad College of Engineering and Technology and ended at Puliyyur Bus Stop. Students belonging to II year Civil, EEE and Mechanical Engineering actively participated in the rally with slogans and placards.



Our students starting “Water Harvesting and Water Conservation Awareness rally” from the college



Our students ending “Water Harvesting and Water Conservation Awareness rally” at Puliyyur Bus stop

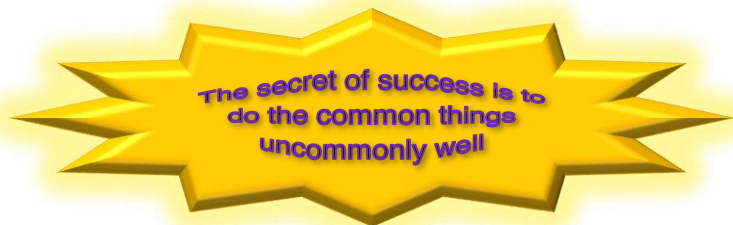


Our students – after receiving awards and accolades from the hands of Mr. M. R. Vijayabhaskar, Honorable Transport Minister, Government of Tamilnadu

THE PRIDE OF CHETTINAD TECH

Our students competed in the district-level Tamil Essay and Speech Competition which were held at Shri Vijayalakshmi Vidhyalayaa International School, Karur on 01.07.2019. 14 students participated out of which 5 students won the competition.

We are happy to introduce the Pride of Chettinad Tech who won the competitions and received awards and accolades from the hands of Mr.M.R.Vijayabhaskar, Honorable Transport Minister, Government of Tamilnadu





Chettinad

College of Engineering & Technology

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