HiNews

Hindusthan College of Engineering and Technology
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HiNews

About Us

Hindusthan College of Engineering and Technology (HiCET) Coimbatore, established in the year 2000 by the great Industrialist and Philanthropist, Thiru.T.S.R.Khannaiyann of Hindusthan Educational Trust whose determination and dynamism made possible the realization of this institution of excellence. Surrounded with nature pristine beauty and an excellent infrastructure coupled with dedicated and experienced faculty has made the campus a much sought-after abode of learning. HiCET is one of the premier technological institutions inculcating quality and value based education through innovative teaching learning process for holistic development of the Students. The institution is recognized under Section 2(f) and 12B of University Grants Commission (UGC) and is an autonomous institution affiliated to Anna University , Chennai with permanent affiliation for most of the programs, approved by the AICTE and the Government of India. Accredited by the National Assessment and Accreditation Council (NAAC) with 'A' grade, National Board of Accreditation (NBA). HiCET conducts seminars and also invites companies to give presentations that will help our students to choose a right career for themselves and has hence contributed to the industry by successfully delivering fresh recruits who have contributed continuously to the growth of the industry by being a part of the top-notch organizations. For all these reasons HiCET has been a preferred institute for recruiting young minds.

Vision
Mission
quality Policy

Get The Best In Everything
Education | **E**thics | **E**xcellence

VISION

To become a premier institution by producing professionals with strong technical knowledge, innovative research skills and high ethical values.

MISSION

IM1: To provide academic excellence in technical education through novel teaching methods.

IM2: To empower students with creative skills and leadership qualities.

IM3: To produce dedicated professionals with social responsibility.

QUALITY POLCY

Hindusthan College of Engineering and Technology (HiCET) aims at providing the best education which will mould the students as the right characters, who will cater to the needs of the society. While providing various inputs for the best education, HiCET constantly thrives upon continual improvement with the utmost commitment for the complete satisfaction of the stakeholder

Dear Students, and Faculty,

I warmly welcome you to our Hindusthan College of Engineering and Technology. As we begin this journey of growth, learning, and achievement, I am delighted to share our first newsletter of the year, filled with valuable insights and updates. I am delighted to present to edition of our college newsletter, which serves as a window into the dynamic and vibrant happenings within our educational community. It discover the academic accomplishments of our students, as well as the dedication and hard work of our esteemed faculty. Our newsletter showcases the academic pursuits that define our commitment to excellence.

I welcome you to be a part of Hindusthan College of Engineering and Technology and look forward to your valuable association with us for better tomorrow. The Professional education will not only earn you a degree but will transform your personality, empowering you to lead a successful professional life.

All the Best. Go ahead and discover yourself.

Dr.S.AnnaDurai
Advisor

Dr.S.AnnaDurai
Advisor

Dr.T.Kannadasan
Principal

Dear Students, and Faculty,

I am very proud to share that Hindusthan College of Engineering and Technology is one of the most eminent Higher Educational Institution today and is renowned for standards of its Faculties, Students and Alumni. I extend my heartfelt gratitude to our dedicated team of our newsletter committee, for their relentless efforts in curating this informative publication. Our newsletter is a testament to the collective efforts of our dedicated students, talented faculty. I would like to give the assurance to our students and their parents/ guardians, that we have a very strong, experienced team of professionals at campus, who are committed to align their teaching and training with the industry expectations. I wish all the very best to all the students in their future endeavours and grand success to the faculties in their efforts to impart excellent education.

Come Prepared to Learn, Leave Prepared to Succeed.
God Bless YOU ALL.

Dr.T.Kannadasan

Principal

Department of Aeronautical Engineering

Faculty Awareness Program on AR and VR
Objective:
To create awareness on usage of AR and VR as a teaching tool.
Outcome:
Faculty and students understood the possibility of AR and VR usage in Teaching.
Remarks and Feedback on the Event:
All the attributes required for an effective re-

One day Workshop on CFD

Name and Designation of Resource Person(s):
Mr. J.Abdullah – Chief Technical Officer, Coimbatore CAD Solution Pvt. Ltd.
Outcome:
Provide the student with a significant level of experience in the use of mod-ern CFD software.

Skill Up Know How To Get Placed In Aviation With Your Aero-Nautics

Name and Designation of Resource Person(s):
Er . Jaikishore Subramanian, Network Planning Specialist, Jazeera Airways,
Kuwait.
Outcome:
To know the various opportunities in AVIATION and AERO Industry

Awareness program on Drone Technology to school students

Name and Designation of Resource Per-son(s):
Mr. Swaminathan,
Zonal Manager, De Drone World solutions Pvt. Ltd
Mr. Vasupathi, Drone Pilot, DE Drone world solutions Pvt. Ltd.
Outcome:
Able to learn the drone anatomy.
Able to learn the drone specifications and classifications.
Simulator training.
Drone applications.

Department of Aeronautical Engineering

Awareness program on UAV to Govt ITI stu- dents and Coimbatore trade pilot students.

Objective:To Create an insight about UAV.
Outcome: Students trained in basic drone oper- ation, Assembly and 3D Printing .
Venue & date : UAV Lab & 07/09/2022.

Seminar on "Awareness about Usage of Mobile Application & Internet" for Non- teaching Staff Members at 25/08/2022

Name and Designation of Resource Person(s):
Mr.Veeramanikandan R, Assistant Professor, Aeronautical Department, HiCET
Mr. Saravanan R, Assistant Professor, Aeronautical Department, HiCET
Mr. Arulmozhinathan T, Assistant Professor, Aeronautical Department, HiCET
Outcome:
Faculties were aware about the usage of payment apps used in their mobiles. Aware about the risks in accepting / allowing access to the mobile application.
Given awareness about usage of the government websites for their own purposes.
Remarks and Feedback on the Event: Good.

Memorandum of Understanding (MoU)

MOU between Hindusthan College of Engineering and Technology, Coimbatore, and Unitos Aero Solutions, Salem Hindusthan College of Engineering and Technology (HCET), Coimbatore, and Unitos Aero Solutions, Salem, recognize the mutual benefits of collaboration and the potential for fostering growth and innovation in the field of aerospace engineering. With a shared commitment to academic excellence and technological advancements, we aim to establish a partnership through this Memorandum of Understanding (MoU) to promote joint initiatives and knowledge exchange between our institutions.

Department of Agriculture Engineering

Industrial Visit

The Agricultural Engineering department at TNAU focuses on the application of engineering principles and technology in the field of agriculture. Students in this department learn how to design, develop, and implement agricultural machinery and equipment, irrigation systems, post-harvest technology, and other innovative solutions to enhance agricultural productivity and sustainability.

Equipments

Crop Husbandry laboratory Lab established for hands on experiential learning in dry land, garden land and wetland crop production. The students will also get exposed to the usage of Primary and Secondary tillage machinery and implements in forming bunds, channels, ridges and furrows/check basins for raising these crops.

Department of Automobile Engineering

Seminar

Seminar on Autodesk fusion 360 on 17th August, 2019, the major vision of this seminar is to make the students updated on future design software, Autodesk fusion 360 has already used in several developed countries like America, London. Several leading automobile manufacturers too prefer.

Awareness

The Automobile students organised a road safety awareness event for the public at 12:00 Noon. The event takes place at the Gandhi Statue signal in Pollachi. The students valuable contribution to society is recognised by the general public and the Tamil Nadu Traffic Police.

Awareness

Chief Guests planted a plant in the garden. which makes it a memorable moment for them. Finally, the PRANA is getting ready to launch at the Hindusthan Campus. After the sapling planting ceremony, they offered the prana bike to the students who were willing to take a test drive. The students enjoyed their test drive on the prana bike. VOLVO EICHER CENTRE sent an Eicher truck which is full of BS VI technology engines. The Eicher truck is placed in front of the Hindusthan main block for student training. The students are scheduled by the HOD sir to visit the Eicher truck at a certain time.

Department of Automobile Engineering
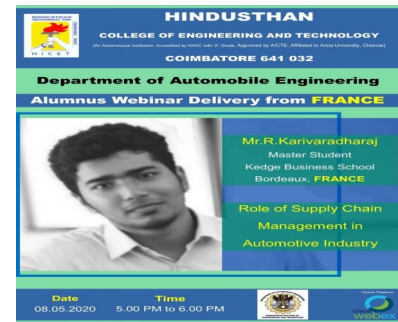
Seminar

Role Of CFD In Automotive Industries And Its Applications
Electric Vehicle Battery Technology & BMS
Role Of Supply Chain Management In Automotive Industry

Industrial Visit

Visit to ASHOK LEYLAND, Hosur. Mr.G.Ramesh, the Member of the HR team of the plant who is also the in charge of all HRD activities of the H1 plant. Introducing himself and his workers, he handled the session to one of the apprentice trainees working under him. The show started with slides explaining their new vision of becoming one of the Top 10 Global CV player. The presentation then started to

EXPERT VISIT FROM DAIMLER (BHARAT BENZ) and VOLVO EICHER and ROYAL ENFIELD

Our college conducts a program named HI-FUSE every year for the students to get motivated and inspired speakers from various industries and companies related to all the departments to share the brief moment and give us a oral tour about experiences they came across. .

Department of Biomedical Engineering

Industrial Visit

The one-day visit to Hindusthan Hospital under the guidance of Ms. A Lekshmi proved to be a transformative experience for our students. It ignited their curiosity and passion for the medical field, inspiring some to consider healthcare careers. We are grateful to Hindusthan Hospital and Ms. A Lekshmi for their invaluable support in making this educational opportunity possible. We believe that such experiential learning opportunities are essential in shaping well-rounded individuals who will contribute positively to society.

Guest Lecture

The session, conducted by Dr. Vishnu, an esteemed medical professional currently working at KMCH Coimbatore, proved to be an enlightening experience for the students. The lecture commenced with an overview of the intricate human body systems, setting the stage for an exciting journey into the world of anatomy and physiology.

Industrial Visit

The industrial visit proved to be an eye-opening experience for the students, broadening their horizons beyond the classroom. Witnessing the practical application of their theoretical knowledge left them inspired and motivated to excel in their academic pursuits.

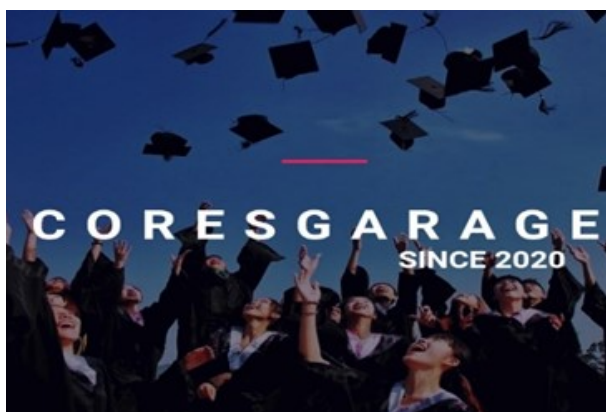# Department of Biomedical Engineering

Smart India Hackathon

Internal hackathon in our college "Smart India Hackathon" was held on 21-01-2020 and students from our department were divided in to two groups.

First group present the topic on "IoT based smart bottles" and second group present the topic on "smart jackets for security forces".

Quiz Competition

Ms. Mano Ranjitham R from our department had participated quiz in the "Biomimicary" event of YUGAM 2019 at kumaraguru intuition and became runner up.

Website Designed

Mr. Mohammed Fawaz had successfully launched a website based on scholarship for all category students, "Coresgarage" along with his colleagues from other department .

Department of Civil Engineering

Training Programme

Training program was conducted on "Introduction to CAD" on 13.07.2019 by CADD CEN-TRE,COIMBATORE. Mr.Santhosh Kumar, Center Manager and Ms.Nisha, Design Engineer of CADD, Coimbatore addressed the participants and gave a brief talk on how to use CAD software for effective planning of the buildings. They gave a detailed introduction about the CAD Software for drafting of building plans to second year students. Students were also exposed to basic planning of structures using CAD software with hands on training in the software.

Special Lecture

A Special Lecture was organized on "Non Destructive Testing of Concrete" on 17.08.2019. Mr.D.Lawrence, CEO, A+ NDTLtd, Coimbatore addressed the participants and gave excellent lectures on various methods of Non-Destructive Testing of Concrete. He gave an excellent session on Non-destructive testing of concrete. He discussed about the techniques of Rebound Hammer test, Ultra-sonic pulse wave test, Pull Out test, Penetration test, Radio-active method for Non-destructive testing of concrete.

Department of Civil Engineering

Event

The Student chapter of Indian Concrete Institute (ICI) was inaugurated on 04.10.2019. Dr.A.Sudhahar, Secretary, ICI Coimbatore Centre & CEO, Dimensions Structural Design, Coimbatore Inaugurated the local chapter and addressed the students. He gave an innovative session about Concrete mix design, sustainability in concrete production, alternative concrete methods, Economics in Concrete and gave an idea about earning effectively by proper Mix Design of Concrete.

Faculty Achievements

- Mr.Vivek S, published a paper "Rainfall Variation And Frequency Analysis of Thirippur District For Crop Planning" journal in Indian Journal of ecology-ISSN: 0304-5250.

- Mr.Senthil Kumar R has completed the NPTEL course on Geotechnical Engineering Laboratory from IIT Bombay, during July to August2019.

- Mr.Vivek S, presented paper on "Bio gas production from sugar cane by product in co-Digestion with vegetable wastes" on "International Conference on Sustainable Technologies for Industrial Hazardous Waste Management and Bio energy" organized by SRM Institute of Science and Technology, Chennai from 07.08.2019 to 09.08.2019.

- Mr.Vivek S, presented paper on "Identification of suitable artificial recharge Structures for ground water development using remote sensing and GIS technique" on "National Level Conference on River Basin and Flood Risk Management" organized by Dr.NGP Institute of Technology, Coimbatore from 05.09.2019 to 06.09.2019

Department of Computer Science and Engineering

Seminar Guidelines for Abroad Education

A Seminar on "**Guidelines for Abroad Education**" was conducted on the 13th of JUL 2019. It was inaugurated by **Dr.S.Shankar**, Head Of the Department. The main objective of the seminar was about the opportunities available for higher studies in abroad countries like US, UK, New Zealand, Australia and Canada.

A party of around 158 students from second year CSE have benefited through this program.

Seminar on Attributes of Overseas Education

A Seminar on **"Attributes of Overseas Education"** was conducted on the 26th of JUL 2019.A party of around 159 students from CSE have benefited through this program.

The event was organized by **Mr Dinesh**, Overseas Education Manager, IDP.It was inaugurated by **Dr.S.Shankar**, Head Of the Department.

Department of Computer Science and Engineering

Guest Lecture on Online Compilation and Coding Practices

Guest Lecture on **"Online Compilation and Coding Practices"** was conducted on the 3rd of AUG 2019. It was inaugurated by **Dr.S.Shankar**, Head Of the Department.

which was felicitated **by Ms Kalpana** Senior Research Analyst, and team from Amphisoft. This enabled our third year CSE bootcamp students to understand better about online coding aspects.
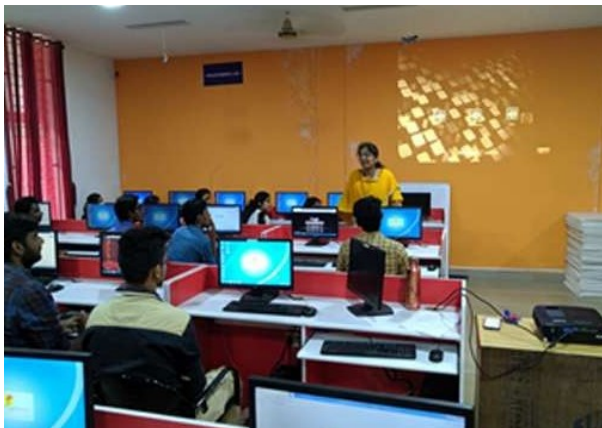
Seminar on Internet of Things (IOT)

A Seminar on **"Internet of Things"** was conducted on the 7th of SEP 2019. A party of around 60 students from CSE have benefited through this program.

The event was organized by **Ms Kavitha,** Senior Manager, Bepozitive.It was inaugurated by **Dr.S.Shankar**, Head Of the Department.

Department of Computer Science and Engineering

Workshop on Recent Trends in Health care Industry

One day workshop on *"Recent Trends in Healthcare Industry : Machine Learning and IOT Based Solutions"* was conducted on the 28th of SEP 2019. It was inaugurated by **Dr.S.Shankar**, Head Of the Department.

A party of 50+ students were benefited by workshop in which Mr Sabarinathlal, CEO,Respro Labs, Chennai, Mr Maheswaran Practice Head, Guvi, Chennai and Pragith Sasikumar from Techvolt,Coimbatore have consented to be the Chief Guest.

Workshop on Cloud based Machine Learning for IOT Devices

Two Days workshop on Cloud based Machine Learning for IOT devices in association with Pantech ProEd which was hosted by the Department of CSE on 16.08.2019 and 17.08.2019.
The event was organized by
Mr Sudalai, Academic Relations Manager, Pantech ProEd.

Department of Chemical Engineering

Inauguration of CHEMERSATZ

Students Association of Chemical Engineering "Chemersatz" was Inaugurated by Dr Matheshwaran P, AGM & HOD – Process, Petrofac Engineering Pvt Ltd on 18.11.2020 and he shared his experience and talked about the detailed view of Approach on Process Engineering in Chemical Industry.

ACHIEVEMENTS AND AWARDS

Dr Seenuvasan M, Prof & Head Recognized for his service as a Guest Editor of Special issue entitled "Recent Advances in Environmental Science and Pollution Research" Published in "Journal of Environmental Biology

Ms Induja P, AP/Chem Engg., has successfully completed the 12- week (Sep-Dec 2020) NPTEL Course (Fluidization Engineering) with Elite Grade.

Department of Chemical Engineering

Dr Seenuvasan M, Prof & Head Recognized for his service as a Session Chair for the technical session in the international Conference (ICRAMM) during 20- 21st November 2020

Dr Seenuvasan M, Prof & Head Recognized for his contribution as the invited speaker and overwhelming response of 600+ participants for the webinar "Magnetic Nanocarriers for Enhanced Enzyme Activity" on 30th May 2020

Dr Seenuvasan M, Prof & Head Recognized for sharing his knowledge as a Resource Person in the plenary section of DST Sponsored National Conference during 31st January & 1st February 2020.

Dr Seenuvasan M, Prof & Head Recognized as an Elsevier Reviewer for Elsevier Journal "Chemical Engineering Journal" since March 2020.

Department of Chemical Engineering

International FDP

Organized International Virtual online Faculty Development Programme on Sustainable Development and Research Opportunities in Food and Chemical Engineering during 05.10.2020-11.10.2020 (1 Week)

Virtual Seminar

Mr Rajkumar A, Assistant Professor Chemical Enggineering, Organized a Virtual Seminar on "Process Plant Overview and Control Valve Basics" on 21st October 2020.

Department of Electrical and Electronics Engineering

Hands on Training

Hands on training of Assembling and Dismantling of AC and DC machines core and winding design was conducted on 2nd and 3rd of August 2019 in the Department in association with E-Trainers.

Workshop

Two days National level Workshop on "PCB Designing" was organised by IE(I) student chapter HCET-EEE and SAI Incubation Centre on 12th and 13th of July 2019 in the department

Seminar

One day National level seminar on "Career opportunities in Energy Management and Energy Auditing" was conducted by department on 3rd August 2019. Guest Lecture on "Mind Power Improvement Technique" on 29th September 2019 by Mr.Manosakthi .N.Masilamani M.A.,

FDP

Dr.K.Sekar ,Dr.K.Mathan ,Dr.T.Vandarkuzhali, Mrs.B.Nandhini , Mrs.T.Manjula , Mr.Radhakrishnan P , Mr.G.Muthuram , Mr.A.Khaja Najumudeen Dr.K.Rajesh Kanna and Mr. S.Joshua Daniel attended a AICTE Sponsored Two Week FDP on " Deep Learning in Bio-Medical Applications for IoT" conducted by Department of ECE - HICET from November 4th 2019 to November 17th 2019

Department of Electrical and Electronics Engineering

Student Recognitions

♦ Gokul Raj D IIEEEA participated in technical symposium held on 4th oct 2019 at ksr college of engg and got first prize in SCAVENGER HUNT, LISTEN TO THE GUIDE, CONNECTION and SPEECH NINJA and got second prize in TECHNICAL QUIZ and presented a paper.

♦ P.Girishenbagaraj and J Krishnavel IIEEEA participated in technical symposium in HICAS and got Third prize in QUIZ on 5th sep2019.

♦ Gokul Raj D and N Ajith IIEEEA participated in technical symposium held on 17th Aug 2019 at Syed ammal Engg college an won Second Prize in "Paper Presentation".

♦ K kirubakaran and P.Girishenbagaraj of IIEEEA participated in Technical Symposium held on 17th Aug 2019 at Syed ammal engg college an won First Prize in " Technical connection"

Faculty Achievements

♦ Dr.N.P.Ananthamoorthy :Robust retinal blood vessel segmentation using convolutional neural network and support vector machine -Journal of Ambient Intelligence and Humanized Computing –2019

♦ Dr.N.P.Ananthamoorthy -Analysis of hybrid statistical textural and intensity features to discriminate retinal abnormalities through classifiers - Journal of Engineering in Medicine –2019

♦ Mr.M.P.Viswanathan - An On-Grid Solar Power Harvesting System with a DC-DC converter to minimize the variety Irradiance voltage for Multilevel Inverter -Tierarztliche Praxis –2019

Department of Electronics and Instrumentation Engineering

Event Organized

Two day Hands on Training on "Servicing of Mobile Phone " was conducted by Department of EIE in association with New Technology Mobile Service and Training Institute, Coimbatore from 12th July to 13th July, 2019

Journal Publication by the Faculty

♦ **Dr.B.Anand** publishes a paper titled "An Experimental Validation on Adaptive Controllers in Tracking and Smoothening of Wind Power for "Excellence is to do a common thing in a uncommon way." -Booker T.Wasington a Variable-Speed System", ASTM, Journal of Testing and Evaluation,Volume 47,Issue:4, 2405-2434,July 2019

♦ **Mr.R.Vinoth Kumar** published a paper titled "Design and Realization of LabVIEW based Monitoring and Control of Military Surveillance BOT", International Research Journal of Engneering and Technolo- gy,Volume: 06 Issue: 11, pp.no 1784-1786, November 2019

♦ **Mr.R.Vinoth Kumar** published a paper titled "Single Phase PWM Based Inverting Buck-Boost AC-AC Converter", International Research Jour- nal of Engineering and Technology, Volume: 06 Issue: 11, pp.no 1781 - 1783, November 2019

Department of Electronics and Instrumentation Engineering

Student Recognitions

- Final year student Keerthana P has been awarded for Distinctitive Performance in Autono- mous Examinations with CGPA of 8.51 during academic year 2018-19.

- Third year student Hariharan S has been awarded for Distinctitive Performance in Autono- mous Examinations with CGPA of 8.43 during academic year 2018-19.

FDP attended by the Faculty

- ## Mr.E.Gowthaman, Assistant Professor

    AICTE Training and Learning (ATAL) Academy Sponsored One Week FDP on "Internet of Things (IoT)" at College of Engineering, Guindy from 29_{th} October to 02_{nd} November,2019

- ## Ms.N.Kavitha, Assistant Professor

    AICTE Sponsored Two Week FDP on "Deep Learning in Biomedical Ap- plications for IoT" at Hindusthan Collge of Engineering and Technology, Coimbatore from 04_{th} November to 17_{th} November ,2019

- ## Ms.P.Shakthipriya, Assistant Professor

    AICTE Sponsored Two Week FDP on "Deep Learning in Biomedical Ap- plications for IoT" at Hindusthan Collge of Engineering and Technology, Coimbatore from 04_{th} November to 17_{th} November ,2019

Department of Electronics and Communication Engineering

CSIR Sponsored Seminar On Application Of Wireless Data Communication Technology Using 3D IC

*Dr.B.Ramadoss, Professor, Department of Computer Application, NIT, Trichy
* Dr.R.Rekha, Assistant professor (SI.Gr.),Department of IT, PSG college Of Technology, Coimbatore
* Dr.Nandhini Manoharan, Assistant Professor, Department of Computer Science, Govt. Arts College, Udulmalpet.
* Mr.N.Ravichandran, Consultant, Cyber Security Services, Coimbatore.
* Dr.T.Gireesh Kumar, Associate Professor, TIFAC Corein Cyber Security, Amrita Vishwa Vidyapeetham, Coimbatore.

CSIR Sponsored Seminar On Deep Learning In Biomedical Informatics

The workshop intends to provide a comprehensive understanding of Industry 4.0 and its revolutionary impact on modern industrial processes. Participants will be introduced to Industrial Internet of Things (IIoT), delve into Programmable Logic Controller (PLC) based industrial automation, and gain practical experience through

Department of Electronics and Communication Engineering

National Level Seminar on EXPLORATION ON DEEP LEARNING IN BIOMEDICAL INFORMATICS

The seminar is designed to provide a platform for researchers, academicians, industry experts, and students to explore the potential of deep learning techniques in addressing challenges and opportunities in biomedical informatics. It seeks to foster knowledge exchange, discussions, and collaborations to advance research and innovation in this interdisciplinary domain.

National Level Workshop on Industry 4.0

The workshop intends to provide a comprehensive understanding of Industry 4.0 and its revolutionary impact on modern industrial processes. Participants will be introduced to Industrial Internet of Things (IIoT), delve into Programmable Logic Controller (PLC) based industrial automation, and gain practical experience through

Internship based on EMBEDDED SYSTEM AT EMGLITZ TECHNOLOGIES

Emglitz Technologies is excited to announce an immersive internship program focused on Embedded Systems. This internship offers aspiring engineering students and electronics enthusiasts the opportunity to delve into the fascinating world of Embedded Systems and gain hands-on experience in developing cutting-edge projects. .

Mini Project on ON HOME AUTOMATION USING ADRINO IN EMGLITZ TECHNOLOGIES

Home automation is an innovative application of technology that aims to create a smart and convenient living environment. In this mini project, we will explore the concept of home automation using Arduino, a versatile microcontroller board. The project will be implemented in collaboration with Emglitz Technologies, and it will showcase various automated functionalities within a simulated home environment.

Workshop on Ethical Hacking

The primary objective of this workshop is to create awareness about the importance of cybersecurity and the ethical aspect of hacking. Participants will gain practical knowledge about identifying vulnerabilities, penetration testing, and securing computer systems and networks.

Training Course on MACHINE LEARNING ALGORITHMS AND APPLICATIONS (2019) AT IIITDM (Indian Institute of Information Technology,Designing and Manufacture)

Key Topics:
Introduction to Machine Learning: Concepts, terminologies, and applications.
Supervised Learning: Regression, classification, and performance evaluation.
Unsupervised Learning: Clustering, dimensionality reduction, and anomaly detection.
Deep Learning: Neural networks, convolutional neural networks (CNNs), and recurrent neural networks (RNNs).
Natural Language Processing (NLP): Text processing, sentiment analysis, and language models.
Reinforcement Learning: Markov Decision Processes (MDPs) and Q-Learning.
Machine Learning Applications: Image recognition, recommendation systems, and predictive analytics.

Department of Electronics and Communication Engineering

Student Activities

- MULTILAYER PCB DESIGNING USING ADVANCED EDA TOOLS IN SRI SHANMUGHA COLLEGE OF ENGG AND TECHNOLOGY

- TECH BYTE IN IIT MADRAS

- NATIONAL LEVEL TECHNICAL SYMPOSIUM-EMBEDDED SIGNAL PROCESSING USING ARM CORE"

- COMMUNICATION SYSTEMS, IMPLANT TRAINING BSNL

- BSNL INPLANT TRAINING

- DOORDHARSHAN INPLANT TRAINING

- EMBGLITZ TECHNOLOGY INTERNSHIP

- POWER OF BIG DATA IN CYBER SECURITY:CONTEMPORARY METHODS

- AI & EDGE COMPUTING WITH IOT WORKSHOP, COIMBATORE INSTITUTE OF TECHNOLOGY

- E-LEADER PROGRAM, ANNA UNIVERSITY REGIONAL CAMPUS

- PCB DESIGN WORKSHOP-NIT ,TRICHY

- DATA AQUISTATION AND INDUSTRIAL INTERNET OF THINGS

- EXPLORATION OF DEEP LEARNING IN BIOMEDICAL INFORMAT-ICS

- NANO COMPUTING IN COGNITIVE RADIO NETWORKS

Department of Food Technology


Event Organized

Dr. Ramasamy, Department of Agricultural Engineering, Kalaignar Karunanidhi Institute of Technology, has delivered a guest lecture on "Recent developments in agricultural and food industries" on 28th September 2019.

Student Achievements

- C. Mohammed Roshan, Farsin Rasak, P. Muhammed, M.N. Muhammed Yazeen, Jahfar Majeed and E. M. Sajeed of II B. Tech Food Technology have undergone internship program in ORKID BAKES AND FOODS PRIVATE LTD. During the period of 2nd December to 17th December 2019.

- Vishnu Raj of II B. Tech Food Technology have undergone marketing internship program at "UNITED BUSINESS", Bangalore during the period of 24th November 2019 to 23rd December 2019.

- M. Varnna Priya and R. S. Subhiksha of II B. Tech Food Technology have participated and presented a paper in National level symposia on the topic of "Traditional and Novel methods of Preservation" at Paavai College of engineering on 20th September 2019.

Department of Food Technology
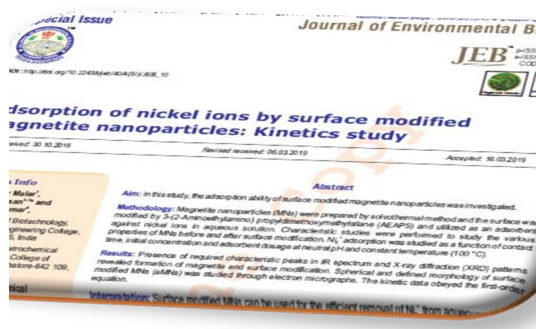
Faculty Achievement

Dr. Seenuvasan M (Professor & Head) has published a paper on "Absorption of nickel ions by surface modified magnetite nano-particles: kinetics study" in the journal "Journal of Environmental Biology" 40, pp. 748-752,2019.

Faculty Achievement

Mrs. Swathi K (Assistant professor) has published a paper on "Microwave Assisted Extraction of Polyphenols from Eclipta Prostrata" in the journal "international journal of innovative research in technology".
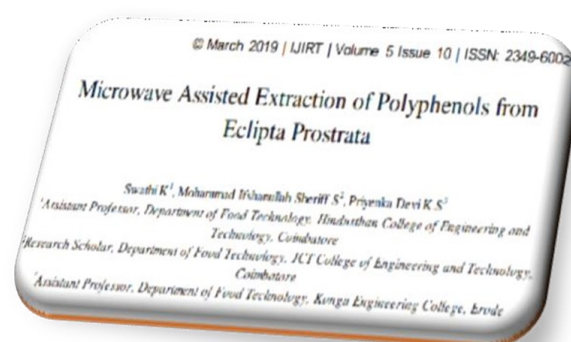
Article Corner

The food processing industry is of enormous significance as it provides vital linkages and synergies that it promotes between the two pillars of the economy, i.e. agriculture and industry.

Food processing has become an integral part of the food supply chain in the global economy, and India has also seen growth in this sector in the last few years.

The kitchen's a laboratory, and everything that happens there has to do with science. It's biology, chemistry, physics. Yes, there's history. Yes, there's artistry. Yes, to all of that. But what happened there, what actually happens to the food is all science.

Alton Brown

Department of Information Technology

FDP on Theory of Computation

IEI Sponsored Three Days Faculty Development Programme On "Theory of Computation" was held on June 6 – 8, 2019. The sessions were handled by Mr. A.Bharanidharan, Asst. Prof (Sl.Grade) - Department of CSE, Sri Ramakrishna Engineering College, Coimbatore

Guest Lecture

Guest Lecture on "Interview Tips and Motivational Speech" was conducted on 13th July 2019. This Guest Lecture is organized to make our students motivated for the preparation of Placement and focussing on improving their mental strength by providing some useful tips for interview preparation. More than 100 students have attended and got an insight into resume preparation.

Workshop

One day workshop on "Data Mining Tool" was conducted on 17th August 2019. It was inaugurated by Dr.N.Rajkumar- Head of the Department of Information Technology.

Department of Information Technology

Faculty Achievement

Ms.P.Anitha acted as resource person to TEQIP III Sponsored Workshop on Introduction to Web Designing on 18.12.2019 at Government College of Technology, Coimbatore.

Faculty Achievement

Mr.C.D.Prem Kumar has completed a Short Term Training Programme on "CS8493 - Operating Systems" organized by MIT Campus, Anna University, Chennai from 3rd to 7th Dec, 2019

Faculty Achievement

Ms.K.Kavitha acted as resource person to TEQIP III Sponsored Workshop on Introduction to Web Designing on 18.12.2019 at Government College of Technology, Coimbatore

Department of Mechatronics Engineering

Workshop

Aero Modelling workshops are exciting events where participants get to learn about the design, construction, and flying of model aircraft, often using remote-controlled (RC) technology. It can be a fun and educational experience for aviation enthusiasts and engineering students alike.

Event

Team Trail Blazzer (1st ALL WOMENS TEAM IN SOUTH INDIA), Students of Mechatronics Sponsored by JK Tyres for participated in the event of GIRLS ON TRACK held at Bangalore on 7th & 8th September

Industrial Visit

A National Science and Technology Fair is an event that showcases various scientific and technological innovations, projects, and research from different organizations, educational institutions, and industries. These fairs often aim to promote scientific awareness, encourage interest in technology and research, and foster collaborations among participants.

Department of Mechatronics Engineering

Short Term Course

Faculties of Mechatronics Engineering attended a QIP Sponsored Short term Course "Adavances in powder Metallurgy and 3D printing" at IIT Kharagpur from 10/11/2019 to 16/11/2019.

Event

Students of Mechatronics Engineering Department participated in Seed Ball Making Event at Race course Road, Coimbatore on 07/07/2019 (Sunday).

Industrial Visit

MCT department students and Faculties visited Vivin Electronics and Hindusthan Transformers on 29/06/2019 (Saturday) to learn about Power consumption and E-Waste Management.

Department of Mechanical Engineering

Seminar

One day seminar on Intellectual property rights innovations & Entrepreneurship
Chief Guest : Mr.A.JOTHI MURUGAN, Properietor,Intellectual Property firm, Invenire

Student Achievement

Hindusthan College of Engineering and Technology (Coimbatore) Mechanical Engineering students looking cheerful for 45th rank all over India in "Supra 2K19" competition held on July 2019 at Buddh International Circuit, Delhi

Achievement

Hindusthan College of Engineering and Technology (Coimbatore) Mechanical Engineering students looking cheerful with their vehicle securing First prize in acceleration, First position in endurance & 3th place for the "Efficycle 2K19" competition held at Lovely Professional University, Punjab

Faculty Achievement

Dr.Y.Rasmathew has received Guru Dronachariyar Award by RSTE society and Guru Dronachariyar Award by SAE Awards.

Department of Mechanical Engineering

Student Achievement

Hindusthan College of Engineering and Technology (Coimbatore) Mechanical Engineering students looking cheerful for 45th rank all over India in "Supra 2K19" competition held on July 2019 at Buddh International Circuit, Delhi



MOU

The Industry Attachment Training Programme is a type of training initiative where students or individuals get the opportunity to gain practical experience and exposure by working in a specific industry or organization. It is designed to bridge the gap between theoretical knowledge and real-world applications, allowing participants to learn and apply their skills in a professional setting.

Department of Computer Applications
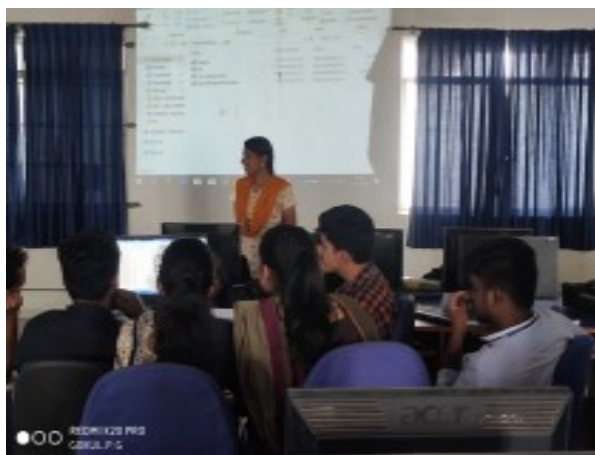
Workshop

Machine Learning is actively being used today in many places than one would expect. To ignite the advanced learning among students, Our department conducted a one day workshop on Machine Learning on 17 August 2019.Mr.M.Rajesh Kumar, Founder, BuzzTech Training Institute, Coimbatore, acted as the resource person. He gave training in automating and improving the learning process of computers.

HIFOCUS 2019 National Level technical Symposium

In order to facilitate the exchange of information and knowledge about the information technology, our department conducted HIFOCUS- a National Level Technical Symposium on 21 September 2019. Chief Guest Mr. D. Lalith Sajan, Senior HR Manager, Exterro R &DPvt Ltd, Coimbatore acted as the chief guest. He encouraged the students about the software development,management,online services and business processes.

Master of Business Adminstration

Guest Lecture

A Guest Lecture was organized on "Digital Marketing" for II MBA Students on 06.09.2018. The chief guest was Mr.Rathan Roy, Professional Sales Consultant at EMART EVENTURES, Coimbatore. He gave a lecture to the II MBA students on digital marketing and its details.

Workshop

Excel is a powerful tool that has become entrenched in business processes world-wide. Excel spreadsheet is used to store quantitative data and to perform accurate and rapid calculations with results ranging from simple budgets to financial analyzes and statistical analyzes.

Seminar

National Seminar on the theme "Insolvency and Bankruptcy Code" was held on 15.12.2018. The chief guest was Mr.C.V.Madhusudhanan, Fellow Member - Institute of Company Secretaries of India (ICSI), Coimbatore. He shared about the role of Insolvency Professionals in Insolvency Resolution.

Master of Business Adminstration

Workshop

A Workshop on "Healthy Food - No oil No boil" was organized on 29.03.2019. The chief guest for the session was Mr.Padayal Shivakumar - Natural Food Expert & Health Chef and Prof.Bhagavathi Rani, Trainer - Dancing Yoga & Natural nutrient, Coimbatore. They shared their experiences by cooking health foods to lead a healthy lifestyle. Around 85 students and 20 faculty members from our college participated in the session.

Industrial Visit

Students of II MBA went for an Industrial visit to TTK Prestige, Coimbatore on 18.08.2018.They saw the manufacturing process of pressure cookers.
Students of I MBA had an Outbound training at Leap Academy, Coimbatore on 16.10.2018 to improve their leadership skills, Communication skills, team work and motivation. They acquired various skills through Rappelling, Zip Line,

Department of Science and Humanities

Orientation Programme

The orientation programme for first year students was conducted on August 5th ,with the strength of more than thousand students. The occasion was graced by the presence of our secretary Tmt. Saraswathi kannaiyan and joint secretary Mrs.Priya Sathish.

Guest Lecture

The Department of Science and Humanities conducted A SPECIAL GUEST LECTURE ON ''ENERGY SRORAGE MATERIALS" on 24/01/2020.The chief guest of the programme was Dr.N.VIJAYAN who was excellently handled the session.

Department of Science and Humanities

Slogan Contest

First year girl students got awareness of this women redressal cell, which is active in our campus. The members of this cell gave many informations to girl students regarding, safety, harassment, discipline etc. The girl students are educated in all aspects as they are freshers to our campus. Their dress code is strictly followed by all lady faculty in the campus and even in Hostel.

Guest Lecture

The Department of Science and Humanities conducted A SPECIAL GUEST LECTURE ON 'EHICAL HACKING" The chief guest of the programme was Mr.N.GOWTHAM Prof at VIT who was excellently handled the session. He rendered his expertise to the betterment of student community. This programme made the students to understand the disadvantages of media and right usage of it. This made to know hacking in social media and made us to be protective and awared.

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