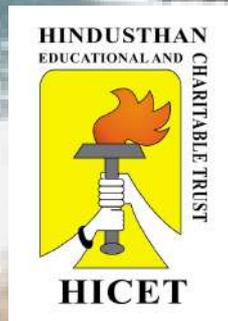


H I N E W S

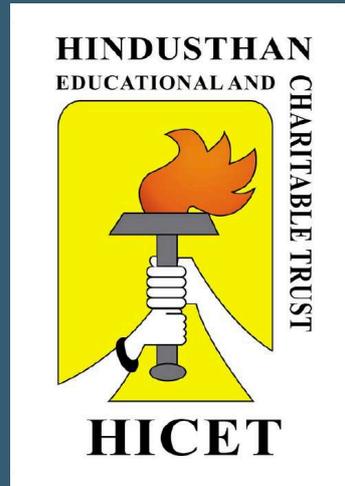
VOL. 25 NO. 1
2024 - 2025



HINDUSTHAN

COLLEGE OF ENGINEERING AND
TECHNOLOGY

Valley Campus, Pollachi Highway
Coimbatore, Tamilnadu, India
www.hicet.ac.in



Vision

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

Mission

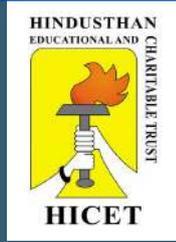
IM1: To provide academic excellence in technical education through novel teaching methods.

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

IM3: To produce dedicated professionals with social responsibility.

Quality Policy

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 stakeholders.



ABOUT US

Hindusthan College of Engineering and Technology (HICET) Coimbatore, is one of the Best Colleges in Coimbatore, which 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's 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).

Currently, there are around 5000+ students pursuing various Undergraduate programs (B.E./B.Tech.), Postgraduate programs (M.E./M.Tech, MBA & MCA) and Ph.D. research programs in the Institution and are mentored by well qualified and experienced faculty members. HICET nurtures future global leaders by imparting knowledge, skills and building attitudes among students to face the world in a fresh, energetic and unrestrictive work environment.

PRINCIPAL'S MESSAGE



Dear students, faculty, staff, and esteemed members of the HICET

Greetings to all of you!

With great joy and excitement, I send my heartfelt greetings to everyone of you as we begin a new academic year full of infinite potential. As Principal of this prestigious Institution, I am pleased to lead and serve in developing the brains of our future generations. I want to take this time to offer my heartfelt gratitude to our great instructors and staff members who work diligently to ensure our students' academic success and general progress. Your continuous dedication to offering high-quality education and cultivating a culture of holistic growth is admirable.

In our quest of greatness, we seek to be at the cutting edge of academic innovation and technical developments. This year, we launched numerous new initiatives to better connect our curriculum with industry expectations, providing you with the information and skills you need to succeed in your chosen industries.

We believe in the potential of diversity and inclusiveness at Hindusthan. Our campus is a cultural and intellectual melting pot, where everyone is recognized and cherished. Let us continue to preserve these ideals and foster a peaceful learning atmosphere in which everyone feels welcome and valued.

As we face the difficulties and possibilities of the new year, remember that we can achieve greatness together. Let us collaborate to create an atmosphere that fosters academic success, creativity, and innovation.

I wish you everyone a successful and rewarding academic year!

**Dr.J.Jaya
Principal**

Hindusthan College of Engineering and Technology

Department of Aeronautical Engineering



Seminar on “Opportunities in Aerospace sector”

The seminar aimed to explore emerging trends, technological advancements, and career prospects within the industry. It will focus on the challenges faced by the sector and the strategies to overcome them, enabling participants to gain insights into how they can contribute to and thrive in this dynamic field.

Hindusthan College of Engineering and Technology
(An Autonomous Institution, Accredited by NAAC with A++ Grade)
Accredited by NBA (Aero, Auto, Civil, CSE, ECE, EEE, IT, MECH, MCT)
Valley Campus, Pollachi Highway, Coimbatore - 32

DEPARTMENT OF AERONAUTICAL ENGINEERING

Organizes
Seminar on “Opportunities in Aerospace sector”

Guest Speaker
Mr. Ragul MS
Founder
AeroIn SpaceTech Pvt. Ltd, Chennai

Date : 23.08.2024
Time : 11.15 am to 12.30 pm
Venue : Ganga Hall

Coordinators
Dr. Karthikeyan P N, Prof./AERO
Mr. Saravanan Kumar V, AP/AERO
HICET

Convener
Dr. Gopinathan V T
HOD/AERO, HICET

Dr. Jaya J
Principal
HICET

Dr. Karunakaran K
CEO, HEI

Success is when
your signature
changes the
autograph. 99



Two Days Workshop on UAV Design and Development

The primary objective of this two-day workshop on UAV Design and Development is to provide participants with a comprehensive understanding of UAV technology, focusing on both theoretical and practical aspects.

Hindusthan College of Engineering and Technology
(An Autonomous Institution, Accredited by NAAC with A++ Grade)
Accredited by NBA
(Aero, Auto, Agri, Civil, CSE, ECE, EEE, FT, IT, MECH, MCT, MCA, MBA)
Valley Campus, Pollachi Highway, Coimbatore - 641 032

DEPARTMENT OF AERONAUTICAL ENGINEERING

In association with
IE(I) STUDENTS' CHAPTER
and
UAV CLUB
Organizes
TWO DAYS WORKSHOP ON UAV DESIGN AND DEVELOPMENT

Topics Covered
• Introduction to UAVs
• UAV Design Basics
• Flight Mechanics and Control Systems
• Regulations and Safety
• Hands-on UAV Assembly
• Simulator Practice

Date
27.09.2024
&
28.09.2024

Time
9.30 am to 4 pm

Venue
UAV Lab

For II year AERO Students

Coordinators
Mr. Saravanan Kumar V, AP/AERO
Mr. Mageshkumar M, AP/AERO

Convener
Dr. Gopinathan V T
HOD/AERO

Principal
Dr. Jaya J

CEO, HEI
Dr. Karunakaran K



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 Valley Campus, Pollachi Highway, Coimbatore - 641 032

DEPARTMENT OF AERONAUTICAL ENGINEERING
 In association with
IE(I) STUDENTS' CHAPTER
 Organizes

WORKSHOP ON ADDITIVE MANUFACTURING
 getting started with 3D printing

Key take away from the Workshop:

- Understand the fundamentals of 3D printing
- Different types of 3D printing technology
- How to use Slicing software in printing
- Learn about Post processing techniques
- Hands on with FDM printers

Date: 05.10.2024
Time: 9.15 am to 4.30 pm
Venue: CAD Lab & IDEA Lab

For III year AERO Students

Coordinators: Mr. Saravana Kumar V, AP/AERO
 Mr. Arulmochianthan T, AP/AERO
Convener: Dr. Gopinathan V T, HOD/AERO
Principal: Dr. Jaya J
CEO, HEI: Dr. Karunakaran K

Workshop on Additive Manufacturing

Objective:

- Provide a Comprehensive Understanding of Additive Manufacturing
- Familiarize Participants with AM Technologies
- Offer Hands-On Experience with FDM machine



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DEPARTMENT OF AERONAUTICAL ENGINEERING
 In association with
UAV Club
 Presents

Outreach Activity - Awareness Program on Drone Technology

For Mechatronics students of Suguna College of Engineering

Date: 25/10/2024
Time: 10 am to 04.00pm
Venu: UAV Lab & Drone CoE

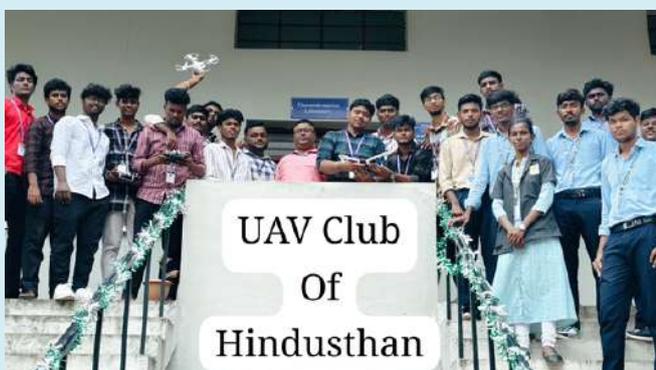
Co-ordinator: Mr. Saravana Kumar V, AERO, HICET
Convener: Dr. Gopinathan V T, HOD/AERO, HICET
Principal: Dr. Jaya J, HICET
CEO: Dr. Karunakaran K, HEI

Outreach activity - Awareness Program on Drone Technology

Participants gained a solid understanding of drone technology, including the mechanics of drones, their components, and how they operate.

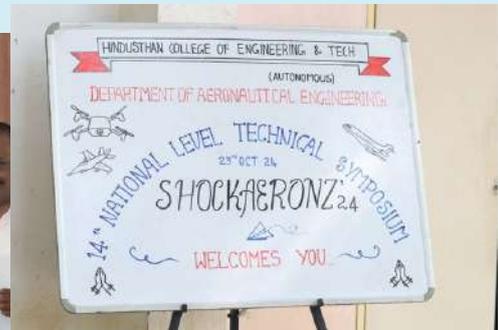
Participants familiarized with the various uses of drones in multiple industries, recognizing the potential benefits and limitations of drone technology in real-world scenarios.

Attendees had a clear understanding of safety protocols, legal requirements, and regulatory frameworks (like DGCA, CAR, NPNT), enabling them to fly drones responsibly and within the law.



SHOCKAERONZ' 24

THE PRESEGIUS SYMPOSIUM OF HICET AERO



FACULTY ACHIEVEMENTS

S. No.	Faculty Name	Title	Funding Agency	Amount in Rs.	Status
1	Dr. V. T. Gopinathan	Design and Performance Analysis of Hybrid Unmanned Aerial Vehicles with	ANRF	5,244,144	Applied
		Advanced strategies for optimizing UAV networks and operational	ATAL	100,000	Granted
2	Dr. P. N. Karthikeyan	Design and fabrication of aerostatic air-bearing for wear & tear, reduce friction	TANSCST		Applied
3	Dr. M. Ganesh	Experimental Investigation on Hybrid Composite Materials by using Jute and	TNSDC under Niral	10,000	Granted
		Experimental Investigation Of Hybrid Composite	Niral Thiruvizha 2.0	-	Applied
		Advancements in Aerospace Materials: Manufacturing, Testing and	ATAL	100,000	Applied
4	Mr. Saravanan R	Experimental Study of Aerodynamic performance of Fish scale Array	TANSCST	7,500	Granted
		Performance Study of Bio-Inspired Propeller Geometry for the	TNSDC under Niral		Completed regional review
5	Mr. Arun Raja K K	Design and Fabrication of Propeller for VTOL	Niral Thiruvizha 2.0	-	Applied
		Design and Fabrication of Hybrid Helium Drone for High Endurance	Niral Thiruvizha	-	Applied
		Fabrication of Hybrid Helium Drone for High Endurance	TANSCST	7350	Applied
6	Mr. Manoj Kumar K	High Performance Optimization in Permanent Magnetic Gear for Commercial	TANSCST		Applied
		High Performance Torque Optimization in Permanent Magnetic Gear for Commercial	Niral Thiruvizha 2.0	-	Applied
		Fabrication of Electrical Propulsive Fuselage in Commercial Aircraft	Niral Thiruvizha	-	Applied
7	Mr. Arulmozhi nathan T	“AI powered UAV swarm: Recent Advancements, Future Challenges and	CSIR	30,000	Applied
		Design and Fabrication of Tandem Wing Hybrid Drone	Niral Thiruvizha 2.0	-	Applied

FACULTY ACHIEVEMENTS

S. No.	Faculty Name	Title	Funding Agency	Amount in Rs.	Status
8	Mr. Magesh Kumar K	Development of Space Rover power efficiency from solar in Longitudinal Direction	TNSDC under Niral Thiruvizha	10,000	Granted
		To Avoidance of Runway Collision at Low Visibility Conditions Using Lidar Devices	Nan Mudhalvan - EDC 2024	-	Granted
		Design And Fabrication of Aircraft Telemetry and Tracking System	Nan Mudhalvan - EDC 2024	-	Granted
		To Avoidance of Runway Collision at Low Visibility Conditions Using Lidar Devices	Titan Design Impact	-	Granted
		Design And Fabrication of Aircraft Telemetry and Tracking System	Titan Design Impact	-	Granted
		Development Of A Real-Time Pilot Sleep Monitoring And Alert System For	Nan Mudhalvan Niral Thiruvizha	-	Granted
		Deep Crack-Porosity Vision Detection Using Multi-Sensor Fusion And Ai	Caterpillar Tech challenge	-	Granted
9	Mr. Saravanakumar V	Advanced strategies for optimizing UAV networks and operational efficiency	ATAL	100,000	Granted
		Solar Powered 3D Printed UAV to Enhance Flight duration	Niral Thiruvizha 2.0		Applied
		Advanced strategies for optimizing UAV networks and operational	IE(I) Coimbatore	20,000	Applied
10	Mr. Kathirvel K	Tribological Study of Beryllium Copper for Landing Gear Application	Niral Thiruvizha 2.0	--	Applied
		Study on Banana Fiber Bio Composite Material for Thermal insulation	Niral Thiruvizha 2.0	--	Applied
		Program on Technology Enabled Teaching Learning for School and Polytechnic	TANSCST	40,000	Applied

S. No.	Faculty Name	Title of the Project	Sponsor Agency	Amount in Rs.	Status
1	Dr. V. T. Gopinathan	RPTO Training	DE Drone World	50,000	Received
2	Mr. Saravanakumar V	RPTO Training	DE Drone World	50,000	Received

Department of Electronics and Communication Engineering

ACADEMIC LEADER BOARD 2021-2025 Batch : VII SEMESTER



BHAVYAKRISHNAN TK
(CGPA-9.3)



DHABHRINA JOSELYN E
(CGPA-9.18)



KEERTHANA M
(CGPA-9.12)

2022-2026 Batch : V SEMESTER



NANDHANA.S
(CGPA-9.46)



SURYA K
(CGPA-9.28)



SUBHULAKSHMI. A
(CGPA-9.06)

2023-2027 Batch : III SEMESTER



MEENAKSHI p
(CGPA-9.58)



RAAGAVI S
(CGPA-9.54)



VEERASANJAYKUMAR S
(CGPA-9.28)

Department of Electronics and Communication Engineering

Orientation session on the Regulations, Curriculum , Honors Degree, Minor Degree, Department activities, career opportunities etc. conducted for II & III year ECE students held on 24.07.24



Department of Electronics and Communication Engineering

Prof Anand SelvaKarthik T completed AICTE QIP PG Certificate Program at IIT, Roorkee on Wireless Technology and IOT held from 12.07.2024 to 22.07.2024

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A++
NAAC

Department of Electronics and Communication Engineering
CONGRATULATIONS !!
Successfully Completed Phase-I

AICTE QIP PG Certificate Program at IIT, Roorkee

Wireless Technology and IoT
12.7.2024 to 22.7.2024

Prof. Anandaselvakarthish T
AP/ECE

Department of Electronics and Communication
Engineering

**CGHE Cell Organized Seminar on Unlocking Academic
Potential Effective Strategies for Standardized Tests
and Elite University Placements** held on 24.08.2024

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An Autonomous Institution, Coimbatore - 641 032

NBA **MAAC**

Career Guidance and Higher Education Cell
Organizes Seminar On

**UNLOCKING ACADEMIC POTENTIAL:
EFFECTIVE STRATEGIES FOR
STANDARDIZED TESTS AND ELITE
UNIVERSITY PLACEMENTS**

Resource Person
Mr Anand G Shankar
Founder and Standardized Tests Coach
Admissions Mentor
Learners Cortex, Chennai

Date
24 August, 2024

Time
11:00am - 01:00pm

Venue
Ganga Hall

Coordinators
Mr.D.Deivasigamani, AP/EIE
Mr.S.Joshua Daniel, AP/EEE

Convenors
Dr.P.Vijayalakshmi, HoD/ECE
Dr.T.Murugeswarl, ASP/BME

Patrons
Dr.K.Karunakaran - CEO
Dr. J. Jaya - Principal

Department of Electronics and Communication Engineering

Fresher's Day held on 02.09.2024



The poster is for the Fresher's Day event at Hindusthan College of Engineering and Technology. It features a pink and purple background with a graduation cap. Logos for HICET, NBA, and AACSB are at the top. The text includes the college name, department, event title 'FRESHERS DAY', date '02 SEP 2024', time '9:30 AM', and location 'KURINJI HALL'. It also lists the Patrons, Organizers, Coordinators, and Covenor.

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
-Coimbatore -641032

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AACSB
ASSOCIATION TO ADVANCE COLLEGE SCHOOL BUSINESS

HICET
HINDUSTHAN INSTITUTE OF COLLEGE EDUCATION TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES....

FRESHERS DAY

2023 -2027 BATCH

NEW FACES , NEW BEGINNINGS - LET'S MAKE THIS YEAR UNFORGETTABLE!

🕒 9:30 AM | 📅 02 SEP 2024 | 📍 KURINJI HALL

PATRONS

Dr. JAYA J. PRINCIPAL | Dr. KARUNAKARAN K. CEO

ORGANIZERS | **COORDINATORS** | **COVENOR**

THIRD YEAR ECE © | Dr. RAMYA J. ASP/ECE | Ms. KARPAKAM S. AP/ECE | Dr. VIJAYALAKSHMI P. HOD/ECE



Department of Electronics and Communication Engineering

Intra department chess tournament conducted for ECE students on 05.09.2024



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY.
(An Autonomous Institution)
COIMBATORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
In Association with **IETE Students Forum (ISF)**
ORGANIZES
INTRA DEPARTMENT
CHESS TOURNAMENT

SEPTEMBER 5, 2024
@Communication Lab

STUDENT COORDINATORS
Ranjith A S, IV YEAR ECE
Saran R, IV YEAR ECE
Arshand R N, III YEAR ECE

COORDINATOR
Dr. Ramya J
ASP/ECE

CONVENER
Dr. Vijayalakshmi P
Professor & HOD/ECE

PATRONS
Dr. Jaya J Principal
Dr. Karunakaran K CEO

www.hicet.ac.in



Department of Electronics and Communication Engineering

A National Level Technical Symposium held on 19.09.2024

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution
COIMBATORE-641032

IN ASSOCIATION WITH IETE & IEEE STUDENTS FORUM
Department of Electronics and Communication Engineering
Proudly Presents

19th SEPT 2024

ECLATZA '24
A NATIONAL LEVEL TECHNICAL SYMPOSIUM
Let's Go All

WIN EXCITING CASH PRIZES WORTH '1 LAKH' WITH INTERNSHIP OFFERS

TECHNICAL EVENTS

- PAPERS FOR PROGRESS
- CIRCUIT DEBUGGING
- PROJECT EXPO
- QUIZ BUGGERS

NON-TECHNICAL EVENTS

- DANCE DAZZLE
- SHUTTER BUG
- FACE ART
- MEHNDI
- VOCALIZING

STAFF MENTORS

- Dr. P. F. Khaleelur Rahiman
ASSOCIATE PROFESSOR/ECCE
- Mr. T. Anandaseelvarathik
ASSISTANT PROFESSOR/ECCE

REGISTRATION FEE (PER HEAD) Rs.150/-

STUDENT CO-ORDINATORS

- KALIDASS P. PRESIDENT
- SRIMAN LOKESH H. VICE PRESIDENT

CHIEF GUEST
Mr. Madhavan T R
Deputy General Manager,
Mobile Network Operations,
BSNL- Tamilnadu Circle

CHIEF PATRONS

- Dr. Jaya J
- Dr. Karunakaran K

CONVENOR
Dr. Vijayalakshmi P

For Registration:



Department of Electronics and Communication Engineering

IETEsponsored SeminaronRoleofSimulation Technology in Industrial Revolution

held on 26.09.24



Department of Electronics and Communication Engineering

IIC Self Driven Activity held on 27.09.24

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Valley Campus, Pollachi Highway, Coimbatore
www.hicet.ac.in

Department of Electronics and Communication Engineering
Organizes Seminar on
"Empowering Innovation: What You Do Not Know About Patents and Self-Driven Strategies for Protecting Your Invention"

IIC Self Driven Activity

>>> Resource Person
Mr. VASANTHKUMAR SEKAR
Director-Sales and Operations
Allinov Research and Development Pvt Ltd

27.09.2024 Ganga Hall 10.00 am

Coordinator
Dr. KA. Pranesh
AP/ECE

Convenor
Dr. P. Vijayalakshmi
HOD/ECE

Patrons

Dr. J. Jaya
Principal

Dr. K. Karunakaran
CEO



Department of Electronics and Communication Engineering

Collaborative Project discussion with Alumini Dr.N.Prem Sankar (2009-2013) Batch AP/CSE ,VIT Chennaion held on 15.10.2024.



Dr.K.N.Pranesh delivering the session on Basics of Arduino Programming to I year ECE students held on 11.12.24



Department of Electronics and Communication Engineering

The Rotaract club of HICET-ECE donated essentials for the people of wayanad struck by a devastating land slide held on 06.09.2024



STUDENTS ACHIEVEMENT

Co-Curricular Activities

II ECE A Students Internship at Siemens-Centre of Excellence, MIT Campus, Chennai held on 10.07.2024

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
COIMBATORE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONGRATULATIONS!!!

Shortlisted for Two Weeks SUMMER INTERNSHIP- 2024 at
Siemens Center of Excellence,
Madras Institute of Technology, Chennai

DOMAIN- PLC
JULY 8 - JULY 28, 2024

DOMAIN- CAD/CAE
JULY 8 - JULY 28, 2024

N. HARSHINI
ECE -A

DURGAL N
ECE -A

M. MELLISAVANI
ECE -A

S. PUNATHURKESHA
ECE -B

RANVA, A
ECE -B

MONIKA, K
ECE -B

HINDUSTHAN

Department of Electronics and Communication Engineering

III YEAR ECE A Students Participated in Electrotec 2024, Coimbatore held on 12.08.2024



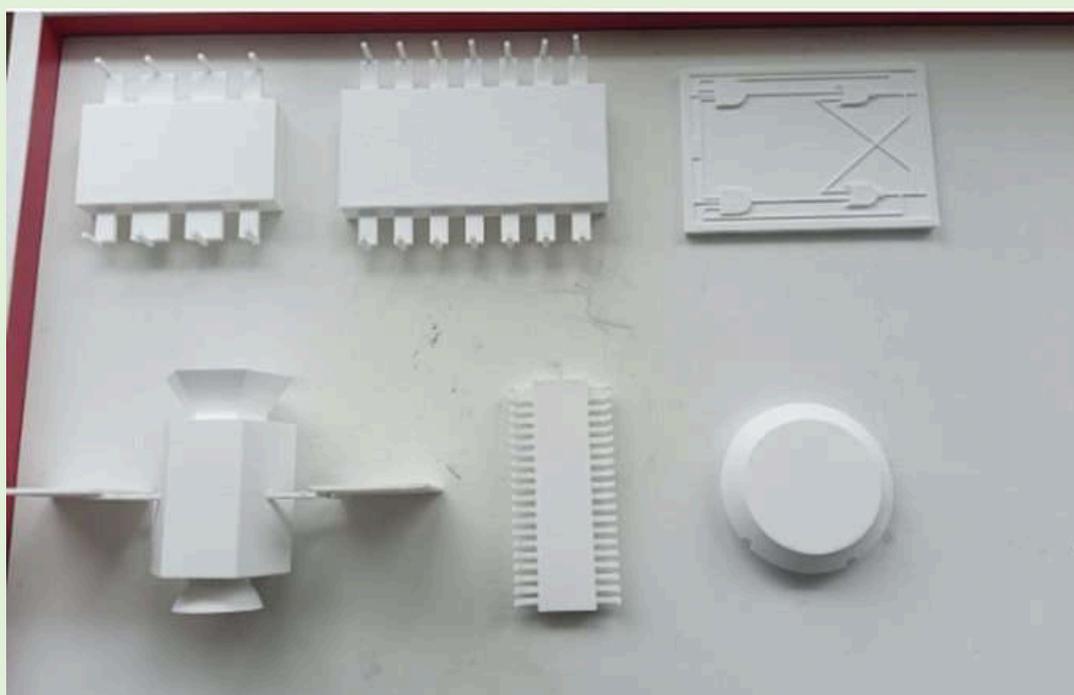
Coimbatore, Tamil Nadu, India
22RG+8G7, Nehru Nagar West, Coimbatore, Tamil Nadu 641004, India
Lat 11.040859°
Long 77.026372°
12/08/24 04:15 PM GMT +05:30

Department of Electronics and Communication Engineering

II ECE B Students attended the 3 days workshop on cybersecurity at Amrita University, Coimbatore held on 26.10.24



Models created using 3D printing in IDEA LAB by II ECE A student HAFIS held on 13.11.24



Department of Electronics and Communication Engineering

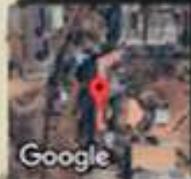
Maha-IV ECE A Participated in a National Research paper writing competition conducted by VISION for VIKSIT BHARAT (VIVIBHA)-2024 on 05.10.2024



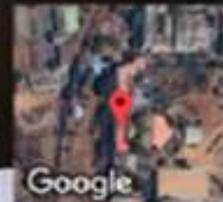
Smart india hackathon 2024 two teams selected for Grand finale

Department of Electronics and Communication Engineering

Final year students attending the launch of SEMICON INDIA 2024 held on 11.09.24



Malumichampatti, Tamil Nadu, India
Hindusthan College Of Engineering And Technology Main Building, Ottakkalmandapam Rd,
Malumichampatti, Tamil Nadu 641050, India
Lat 10.891777°
Long 76.990795°
11/09/24 10:55 AM GMT +05:30



Malumichampatti, Tamil Nadu, India
Hindusthan College Of Engineering And Technology Main Building,
Ottakkalmandapam Rd, Malumichampatti, Tamil Nadu 641050, India
Lat 10.891777°
Long 76.990795°
11/09/24 11:09 AM GMT +05:30

STUDENTS ACHIEVEMENT

**Basketball Runner in Anna University Zonal Match -
held at Sri Eshwar College of Engineering , held on
23.07.24**



FIRST WINNER AWARD in SIH2024.
Maha Gayathri- IV ECE A & Uganth-III ECE A



Department of Electronics and Communication Engineering

STUDENT PLACEMENTS



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Coimbatore - 641032



Department of Electronics and Communication Engineering
Heartiest Congratulations



Abdhak Klsyar K

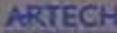


Dhabhrina Joselyn E



Priyadharshana K

4.68 LPA

Best wishes for campus selection
Batch (2021-2025)
Got offer in




HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Coimbatore - 641032



Department of Electronics and Communication Engineering
Heartiest Congratulations



4 LPA

Best wishes for campus selection

Lavanya B
2021-2025 Batch
Got offer in


Department of Electronics and Communication Engineering



HINDUSTHAN
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(An Autonomous Institution)
Coimbatore - 641032

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NAAC

Department of Electronics and Communication Engineering

Congratulations

5.2 LPA



*Best wishes !!
For campus Selection*

SWATHI M SHREE YADHAVAN V

B.E.ECE (2021-2025) Batch Students

Got offer in



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Coimbatore

NBA
NATIONAL BOARD OF ACCREDITATION

A++
NAAC

Department of Electronics and Communication Engineering

CONGRATULATIONS



Balaji J Manikandan S



Monish M Vignesh Bhaskar V

B.E.ECE (2020-2024) Batch Students

Got Offer in **tcs**

3.36
LPA



DEPARTMENT OF INFORMATION TECHNOLOGY

NEWSLETTER

7	Crack Coding Challenges with Leetcode	Workshop	Physical	Dr Cholaraja Kennedy Department of CSBS, Sri Eshwar College of Engineering, Coimbatore.	27.09.2024 to 28.09.2024	Ms T SakthiSree Ms Athira S	122
8	Awareness workshop on High Performance Computing- AICTE Sankalp	Workshop	Physical	CDAC Master Trainer, Mr Balaji S, AP/CSBS, Akshya College of Engineering and Technology, Coimbatore.	27.09.2024	Dr Sabrigiriraj M Mr Ilayaraja N Mr Praveenkumar R	210
9	Innovate Ideas	Seminar	Physical	Dr Karthikeyani, Associate Professor/ CSE, Sri Krishna College of Engineering and Technology, Coimbatore	22.10.2024	Ms Athira S Mr Praveenkumar R	134
10	Workshop on Hybrid Application Development	Workshop	Physical	Dr B Krishnakumar, Founder/ CEO, New Technology Institutions, Coimbatore.	14.11.2024	C D Premkumar Ms P Revathi	40
11	Seminar on Exploring AI	Seminar	Physical	Mr JithuVijayan , Teaching Professional, Emiglitz Technology, Coimbatore.	14.11.2024	Ms Athira S Ms Arthi S	109
12	Workshop on IoT	Workshop	Physical	Dr T Manikandan, Professor ECE, Vivekanandha Engineering college for women, Tirucengode.	17.11.2024	C D Premkumar Ms P Revathi	40
13	Mobile phone and laptop servicing and Troubleshooting	Workshop	Physical	Dr.B.KrishnaKumar, FOUNDER/CEO Coimbatore	04.10.2024	Ms. Anjalin sneha Ms.Arthi	12



DEPARTMENT OF INFORMATION TECHNOLOGY

NEWSLETTER

We sincerely thank you for sharing your expertise in "mobile and laptop troubleshooting". Your insights have empowered our participants with practical skills and knowledge.





FACULTY PUBLICATION

Table with 7 columns: S.No, Name of all the Authors, Title of the Publication, SCI/SCIE/Scopus/WoS, Volume/Issue No./Page No., Impact Factor, Year of Publication. Contains two entries for faculty publications.

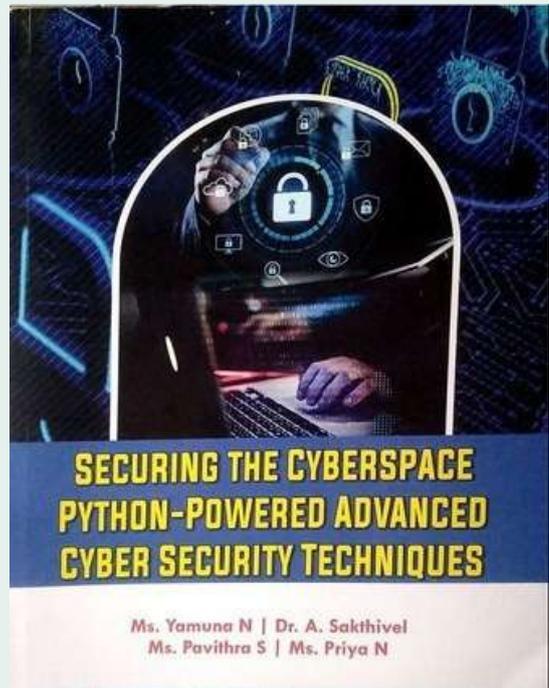
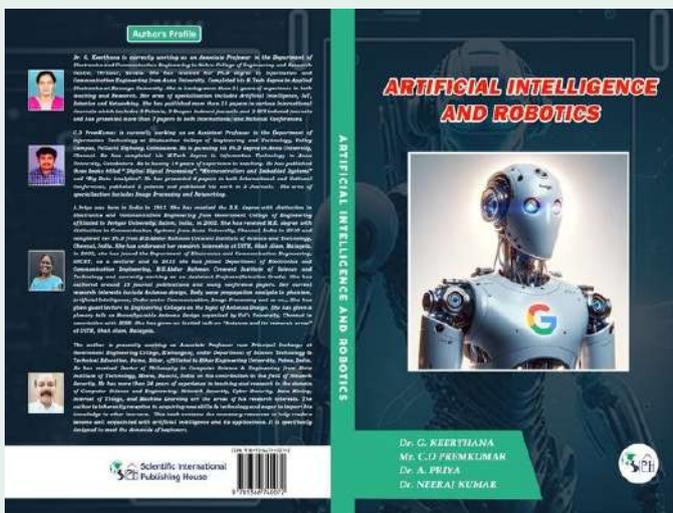
WILEY RESEARCH ARTICLE: Graph neural networks based queuing model for optimal load balancing in mobile ad hoc network. Authors: G. Rajiv Suresh Kumar, G. Arul Geetha. Includes abstract, keywords, and funding information.

MULTIDISCIPLINARY SCIENCE JOURNAL TECHNICAL NOTE: Early brain tumor identification and segmentation using artificial intelligence. Authors: R. Rajasekar, D. Menaga, A. Joshi, T. N. Sudhakar, S. Muthukumar, T. Sakthi Sree. Includes abstract and keywords.



FACULTY BOOK PUBLICATION

S.No	Name of the Authors	Title of the Book published	ISBN No.	Name of the Publisher	Year
1	C.D Premkumar	Artificial Intelligence and Robotics	978-93-6674-007-2	Scientific International Publishing House	2024
2	N YAMUNA	Artificial Intelligence and Machine learning Fundamentals	978-93-6674-104-8	Scientific International Publishing house	2024
3	N YAMUNA	Securing the cyberspace python powered advanced cyber security techniques	9788197375224	Aassan Publications	2024



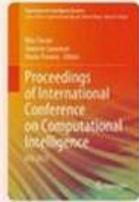
FACULTY- BOOK CHAPTER PUBLICATION

S.No	Name of the Authors	Title of the Book Chapter published	ISBN No.	Name of the Publisher
1	R.Amudha	Behavioural Analysis in Web Pattern Mining of Social Media Networks Using Deep DenseNet Classification	978-3-031-66043-6	Springer publication Aug 2024
2	Athira S	Predicting High -Risk Perinatal Complication Using Semi-supervised Machine learning	978-981-97-3225-9	Springer publication Jul 2024

Home > [Proceedings of International Conference on Computational Intelligence](#) > Conference paper

Predicting High-Risk Perinatal Complication Using Semi-supervised Machine Learning

Conference paper | First Online: 18 July 2024
pp 239–249 | [Cite this conference paper](#)



Proceedings of International Conference on Computational Intelligence (ICCI 2023)

[S. Karthikeyini](#) [M. Rupa](#), [M. Ravikumar](#) & [S. Athira](#)

[Access this chapter](#)

Research Article

Behavioural Analysis in Web Pattern Mining of Social Media Networks Using Deep DenseNet Classification

Cite [BibTeX](#) [Plain Text](#)

Biju Balakrishnan^{1*}, **B. Shanthini**², **R. Amudha**²

1: St. Peter's Institute of Higher Education and Research, Avadi
2: Department of Information Technology, Hindusthan College of Engineering and Technology
*Contact email: bijujctcse123@gmail.com

Abstract

Web pattern mining in social media networks has gained significant attention due to the abundance of user-generated content. Understanding user behaviors and preferences within these networks is crucial for personalized recommendations, targeted marketing, and content optimization. In this study, we propose a novel approach for behavioral analysis in web pattern mining of social media networks using deep DenseNet classification. We formulate the task as a multi-class classification problem, where each class corresponds to a specific user behavior pattern. Our proposed approach leverages the expressive power of DenseNet, a deep neural network architecture, to automatically learn intricate features from raw web data, capturing both local and global patterns. We present a comprehensive experimental evaluation on a real-world social media dataset, demonstrating the effectiveness of our approach in accurately classifying diverse user behaviors. The results highlight the superiority of deep DenseNet classification over traditional methods, showcasing its potential for enhancing behavioral analysis in the context of web pattern mining.

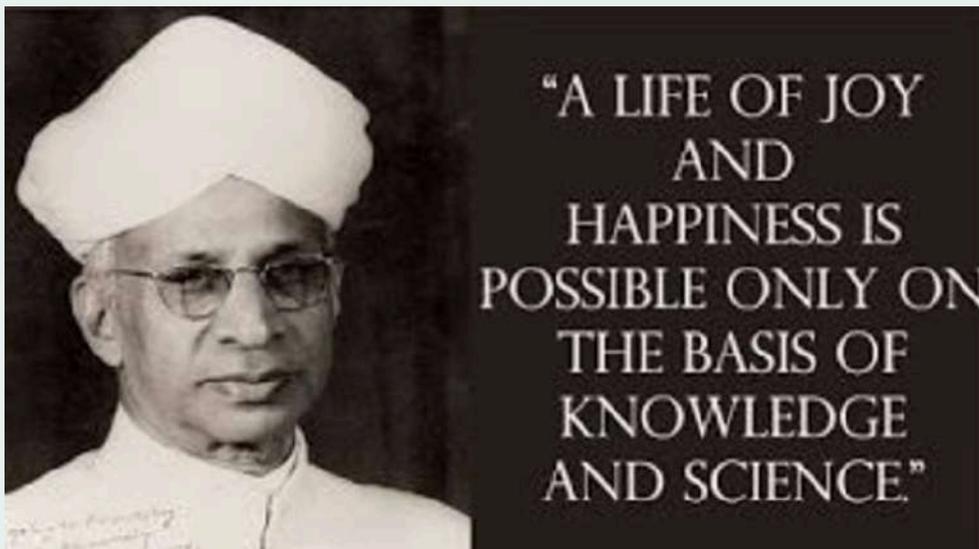
Keywords Behavioral Analysis Web Pattern Mining Deep Learning Social Media Networks User Behavior DenseNet Classification

Published 2024-08-13 | Appears in [SpringerLink](#)



FACULTY - PATENTS PUBLISHED

S.No	Name of the Inventors	Title of the Patent	Application No.	Published/Granted
1	M. Sabrigiriraj	Smart IoT-based Real-time Continuous Health Monitoring system for Patients	202441047 715 A	Published
2	Karthik S	AI-Powered smart parking system enhancing convenience and security with web IoT and cloud technologies	202441093 238 A	Published
3	Dr.M.Ganesan	Intelligent electric solar dryer for fruits using a fuzzy logic-based system	202441078 771 A	Published





**FDP/ Seminar/ Workshop/ Orientation Programme/
STTP/ Conference/ others attended by faculty**

S.No	Name of the Faculty	Nature of Event (FDP/ Seminar/ Workshop/ Orientation Programme/ STTP/ Conference/ others)	Title of Event (FDP/ Seminar/ Workshop/ Orientation Programme/ STTP/ Conference/ others)	Organised By	Duration (from DD-MM-YYYY to DD-MM-YYYY)
1	S Karthik	Conference	Implementation of CNN-LSTM Integration for Advancing Human-Computer Dialogue through Precise Sign Language Gesture Interpretation	5th International Conference on Recent Trends in Computer Science and Technology	06-10-2025 to 06-10-2025
2	Ilayarajan	FDP	Mastering the Essentials of Journal Writing and Project Proposals".	Hindusthan College of Engineering and Technology	27-06-2024 to 28-06-2024.
3	Athira S	FDP	Outcome based education	Hindusthan College of Engineering and Technology	15-06-2024 to 20.06.2024
4	Athira S	FDP	FDP on "Data Analysis using Python"	ICT Academy, Sri Krishna College of Technology, Coimbatore	08-07-2024 to 12-07-2024
5	Athira S	FDP	FDP on "Computer Vision and gen-AI Tools"	Ramco Institute of Technology, Rajapalayam	15-07-2024 to 27-07-2024.
6	Athira S	Workshop	workshop on "AI Tools"	Be10x	06-09-2025 to 06-09-2025
7	T.Sakthi Sree	FDP	One week FDP on "Microsoft Power BI Data Analyst	ICTACT @ Nehru Arts and Science College	02-09-2024 to 06-09-2024



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8	T.Sakthi Sree	FDP	5 days FDP on “ Outcome Based Education and Enhancing Quality of Teaching Learning Process”	Hindusthan College of Engineering and Technology	15-07-2024 to 20-07-2024
9	R.Amudha	FDP	Deep Learning and IOT Driven Smart Application	MLR Institute of Technology,Hyderabad	24-06-2024 to 29-06-2025
10	N.Yamuna	FDP	5 days FDP on “ Outcome Based Education and Enhancing Quality of Teaching Learning Process”	Hindusthan College of Engineering and Technology	15-07-2024 to 20-07-2024
11	Praveen Kumar R	FDP	Mastering the Essentials of Journal Writing and Project Proposals	HICET	27-06-2024 to 28-06-2024
12	Praveen Kumar R	FDP	ML.DL & NLP	Spoorthy Engineering College	14-05-2024 to 18-05-2024
13	Arthi S	FDP	Outcome based education	Hindusthan College of Engineering and Technology	15-06-2024 to 20.06.2024
14	Anjalin sneha H	FDP	Outcome based education	Hindusthan College of Engineering and Technology	15-06-2024 to 20.06.2024



DEPARTMENT OF INFORMATION TECHNOLOGY

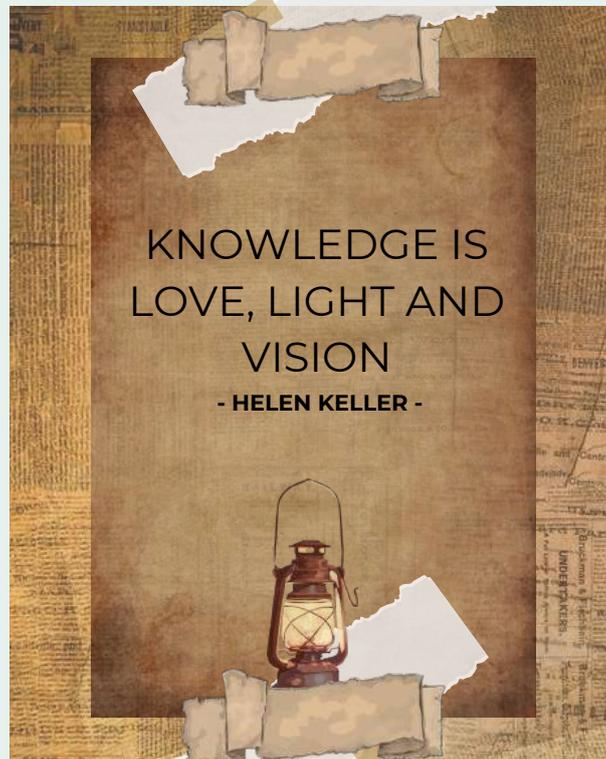
NEWSLETTER





CONFERENCE PROCEEDINGS

S.No	Name of all the Authors	Title of the Publication	Name of the Conference Proceedings	Scopus/ Others	Year
1	K. Renu; R. Menaha; Ganagavalli K; N. Yamuna; Antony Vijay J; Glory E	Performance optimization in SDN based on IoT Networks	IEEE Conference Proceeding 2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	Scopus	2024
2	M.Sabrigiriraj, K. Manoharan, Nikos Mastorakis	Wide Sense Nonblocking Multicast in WDM Optical Binary Tree	International Conference on Modern Circuits and Systems Technologies (MOCAST)	Scopus	2024





NPTEL - BY FACULTY

S.No.	Name of the Faculty (with designation)	Name of the Course	Course Offered by	Final Score	Certificate Type	Ranking	FDP Eligible	No. of Courses Completed
1	Dr. Sabrigiriraj M, Professor & Head	Responsible & Safe AI Systems	International Institute of Information Technology, Hyderabad	88	Elite-Silver	-	-	1
2	Dr. Ganesan M, Associate Professor	Cloud computing	IIT KHARAGPUR	75	Elite	Yes	-	1

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SABRIGIRIRAJ M
for successfully completing the course
Responsible & Safe AI Systems
with a consolidated score of **88 %**

Online Assignments	23.81/25	Proctored Exam	63.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 3358

Jul-Oct 2024
(12 week course)

Prof. Kishore Kathapalli
Professor and Dean (Academics)
IIT Hyderabad

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

International Institute of Information Technology, Hyderabad

Roll No: NPTEL24CS132S758900148 To verify the certificate No. of credits recommended: 3 or 4

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GANESAN M
for successfully completing the course
Cloud Computing
with a consolidated score of **75 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2024)

Roll No: NPTEL24CS118S1052403971 Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 18th Nov, 2022, similar to other refresher / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / 2023



STUDENTS PARTICIPATION IN INTER- INSTITUTE EVENTS

PARTICIPANTS

S.No	YEAR	REGISTER NO	NAME	EVENT	COLLEGE	DATE
1	II B.Tech IT/III Semester	720722110080	Navfal Rizwan M	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
2	II B.Tech IT/III Semester	720723110005	Akash R	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
3	II B.Tech IT/III Semester	720723110007	Aneesh Raj S	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
4	II B.Tech IT/III Sem	720723110012	Boomika S	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
5	II B.Tech IT/III Semester	720723110022	Dinesh M	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
6	II B.Tech IT/III Semester	720723110036	Hemaapriya R G	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
7	II B.Tech IT/III Semester	720723110018	Deepika Shree D	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024



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8	II B.Tech IT/III Semester	720723110051	Karthik Prasanna P	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
9	II B.Tech IT/III Semester	720723110055	Keerthi S	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
10	II B.Tech IT/III Semester	720723110056	Keerthika D	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
11	II B.Tech IT/III Semester	720723110059	Kishore P	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
12	II B.Tech IT/III Semester	720723110060	Kothandan S	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
13	II B.Tech IT/III Semester	720723110061	Lewin Astlay Infant E	Techathon 24	Sri Ramakrishna Institute of Technology	09.10.2024
14	II B.Tech IT/III Semester	720723110088	Parvathi V	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
15	II B.Tech IT/III Semester	720723110115	Supritha Seenivasan	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
16	II B.Tech IT/III Semester	720723110111	Srinithi S R	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024



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17	II B.Tech IT/III Semester	720723110113	Sumitha B K	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
18	II B.Tech IT/III Semester	720723110110	Sowmiya M	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
19	II B.Tech IT/III Semester	720723110065	Maheshwari S	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
20	II B.Tech IT/III Semester	720723110080	Monish Kumar R	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
21	II B.Tech IT/III Semester	720723110079	Mohammed Arsath	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
22	II B.Tech IT/III Semester	720723110803	Lakshmi Prasanth R	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
23	II B.Tech IT/III Semester	720723110807	Sarathy J K	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024



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24	II B.Tech IT/III Semester	720723110801	Dharun R	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
25	II B.Tech IT/III Semester	720723110010	Austin A	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
26	II B.Tech IT/III Semester	720723110014	Bhuvan P	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
27	II B.Tech IT/III Semester	720723110030	Gokul R	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
28	II B.Tech IT/III Semester	720723110039	Jeffy Samuel J	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
29	II B.Tech IT/III Semester	720723110064	Mahashri T	Workshop	Dr Mahalingam College of Engineering and Technology	17.10.2024 -19.10.2024
30	II B.Tech IT/III Semester	720723110118	Suveatha P L	Workshop	Kongu Engineering College	19.10.2024
31	II B.Tech IT/III Semester	720723110120	Vaisika P	Workshop	Kongu Engineering College	19.10.2024



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32	II B.Tech IT/III Semester	720723110122	Vidusha E	Workshop	Kongu Engineering College	19.10.2024
33	II B.Tech IT/III Semester	720723110075	Mithuna R	Workshop	Kongu Engineering College	19.10.2024
34	II B.Tech IT/III Semester	720723110089	Powerson P	Workshop	Kongu Engineering College	19.10.2024
35	II B.Tech IT/III Semester	720723110126	Yogeshwaran S	Workshop	Kongu Engineering College	19.10.2024
36	II B.Tech IT/III Semester	720723110117	Susikaran M	Workshop	Kongu Engineering College	19.10.2024
37	II B.Tech IT/III Semester	720723110121	Veera Kumar V T	Workshop	Kongu Engineering College	19.10.2024
38	II B.Tech IT/III Semester	720723110068	Manish Kumar R	Workshop	Kongu Engineering College	19.10.2024
39	II B.Tech IT/III Semester	720723110116	Suriya J	Workshop	Kongu Engineering College	19.10.2024
40	II B.Tech IT/III Semester	720723110083	Navabalan T	Workshop	Kongu Engineering College	19.10.2024
41	II B.Tech IT/III Semester	720723110085	Nithesh Kumar C	Workshop	Kongu Engineering College	19.10.2024



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42	II B.Tech IT/III Semester	720723110072	Mathanraj S	Workshop	Kongu Engineering College	19.10.2024
43	II B.Tech IT/III Semester	720723110102	Rohith S	Workshop	Kongu Engineering College	19.10.2024
44	II B.Tech IT/III Semester	720723110017	Deepak R	Workshop	Kongu Engineering College	19.10.2024
45	II B.Tech IT/III Semester	720723110058	Kiruthika S	Workshop	Kongu Engineering College	19.10.2024
46	II B.Tech IT/III Semester	720723110019	Deva Dharshini R B	Workshop	Kongu Engineering College	19.10.2024
47	II B.Tech IT/III Semester	720723110006	Amirthavarshini S	Workshop	Kongu Engineering College	19.10.2024
48	II B.Tech IT/III Semester	720723110057	Keerthinivas P	Workshop	Kongu Engineering College	19.10.2024
49	II B.Tech IT/III Semester	720723110038	Jeevanantham C	Workshop	Kongu Engineering College	19.10.2024
50	II B.Tech IT/III Semester	720723110035	Harshitha J	Workshop	Kongu Engineering College	19.10.2024
51	II B.Tech IT/III Semester	720723110036	Hemaapriya R G	Workshop	Kongu Engineering College	19.10.2024



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52	II B.Tech IT/III Semester	720723110104	Sachin E	Art and craft	International Art Contest	14.09.2024
53	II B.Tech IT/III Semester	720723110126	Yogeshwaran S	Workshop	Amrita Vishwa Vidyapeetham	24.10.2024 -26.10.2024
54	II B.Tech IT/III Semester	720723110802	Kapilaventhana S	Workshop	Amrita Vishwa Vidyapeetham	24.10.2024 -26.10.2024
55	II B.Tech IT/III Semester	720723110103	Sachin D	Workshop	Amrita Vishwa Vidyapeetham	24.10.2024 -26.10.2024
56	II B.Tech IT/III Semester	720723110117	Susikaran M	Workshop	Amrita Vishwa Vidyapeetham	24.10.2024 -26.10.2024

If you want to shine like a
sun, first burn like a sun.

APJ Abdul Kalam





VALUE ADDED COURSE

S.NO	ACADEMIC YEAR	DATE	NAME OF THE COURSE	CLASS	NO. OF STUDENTS
1	2024-2025	29-07-2024 to 02-08-2024	Data Visualization Using the Python Libraries	II YEAR	134
2	2024-2025	06-08-2024 to 10-08-2024	DevOps For Beginners	III YEAR	133

Hindusthan
College of Engineering and Technology
An Autonomous Institution, Coimbatore - 641 032

Department of **Information Technology**
Conducting Value Added Course

Data Visualization using the Python Libraries

For II B.Tech IT Students
Time: 9.00 am to 5.00 pm
29-07-2024 to 02-08-2024
Venue : Programming lab & RDBMS lab

python

Students are advised to bring laptop and headphones

COORDINATOR
Dr. M. Sabirigirai, Prof & head / IT dept
Dr. R. Sakunthala Jeevi, AP/IT dept
Ms. Arthi, AP/IT dept
Ms. H.Anjali sreeha, AP/IT dept

CONVENER
Dr. M. Sabirigirai, Prof & head / IT dept

PATRONS
Dr. J. Jaya, Principal
Dr. K. Karunakaran, CEO

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution, Coimbatore-641 032

Department of **INFORMATION TECHNOLOGY**
CONDUCTING VALUE ADDED COURSE

DevOps for Beginners

For III B.Tech IT Students
Time: 9.00 am to 5.00 pm
Date : 06.08.2024 to 10.08.2024
Venue : Programming lab & RDBMS lab

All are advised to bring their laptop and headphones.

COORDINATOR
Dr. M. Sabirigirai, Prof & head / IT dept
Mr. R. Praveen Kumar, AP/IT
Ms. H. Anjali sreeha, AP/IT dept

CONVENER
Dr. M. Sabirigirai, Prof & head / IT dept

PATRONS
Dr. J. Jaya, Principal
Dr. K. Karunakaran, CEO



PLACED STUDENTS

S.NO	NAME OF THE STUDENT	COMPANY
1	SAMPATH KUMAR S	AGGREGATE INTELLIGENCE
2	NITEESH KANNAN M	RINEX TECHNOLOGIES
3	VISHALINEE G	RINEX TECHNOLOGIES
4	KAVINIVETHA T	RINEX TECHNOLOGIES
5	SWATHIMEENA K	RINEX TECHNOLOGIES
6	RIYAZ M S	SAVANTIS (HCL TECHNOLOGIES)
7	SYED THOUFIQ R	SAVANTIS (HCL TECHNOLOGIES)
8	DHARSHINI V	SAVANTIS (HCL TECHNOLOGIES)
9	SAFIKA BANU M	SAVANTIS (HCL TECHNOLOGIES)
10	SWATHIMEENA K	SAVANTIS (HCL TECHNOLOGIES)
11	KAVINIVETHA T	GREENO TECH SOLUTIONS
12	AADHARSHINEE J	BLUEYONDER TECHNOLOGIES
13	HARISH S	CTS
14	THARAN S	CTS
15	RANGANATHAN C	CTS
16	NIROOPA R P	VIVNOVATION



17	NISHAANTHINI M	VALUEMOMENTUM
18	KREESHMA S K	VALUEMOMENTUM
19	PRIYADHARSHINI K	VALUEMOMENTUM
20	RIYAZ MS	VALUEMOMENTUM
21	RAJESH KUMAR V	EDVEDHA EDUTECH PVT LTD
22	RATHISH B	FOOD WORKS GOURMET PVT LTD
23	VASANTH G	K G ENTERTAINMENTS PVT LTD
24	ABINAYA G	WEB EPIC TECHNOLOGIES PVT LTD



AS YOU EMBARK ON THIS EXCITING NEW CHAPTER IN YOUR PROFESSIONAL JOURNEY, KNOW THAT WE ARE INCREDIBLY PROUD OF YOU AND CONFIDENT THAT YOU WILL CONTINUE TO SHINE AND MAKE A MEANINGFUL IMPACT. WISHING YOU ALL CONTINUED SUCCESS AND GROWTH IN YOUR CAREERS!

DEPARTMENT OF CHEMICAL ENGINEERING

Program on "Celebrating Udyamita Diwas -Work Entrepreneurship Day"

OUTCOME

Dr Dinesh Kumar S interacted with the students about the event 'Celebrating Udyamita Diwas - World Entrepreneurship Day: Sustainable Innovation: Leveraging Climate Finance for Entrepreneurial Success' was successfully conducted on 21.08.2024. It aimed to inspire engineering students by exploring the intersection of entrepreneurship and climate finance, with an emphasis on sustainable practices. The event saw participation from 60 students across various engineering disciplines, along with faculty members. A keynote address was delivered by Dr. Dineshkumar S, Assistant Professor, Department of Agricultural Engineering, Hindusthan College of Engineering and Technology, Coimbatore, who highlighted the urgent need for climate action and the importance of financial mechanisms in driving sustainable change. Post-event feedback was overwhelmingly positive, with participants appreciating both the relevance of the topics and the quality of the sessions.

Hindusthan
College of Engineering and Technology
An Autonomous Institution
Valley Campus, Pollachi Highway, Coimbatore 641 032.
Department of Chemical Engineering

INSTITUTION'S INNOVATION COUNCIL
HIC Self Driven Activity

Organizes Seminar on
Celebrating Udyamita Diwas - World Entrepreneurship Day
Sustainable Innovation: Leveraging Climate Finance for Entrepreneurial Success

Dr S Dinesh Kumar
Assistant Professor
Department of Agriculture Engineering

21.08.2024 | 15:00 IST
Department of Chemical Engineering

Patrons Dr K Karunakaran, CEO
Hindusthan Educational Institutions.
Dr J Jaya, Principal, HICET

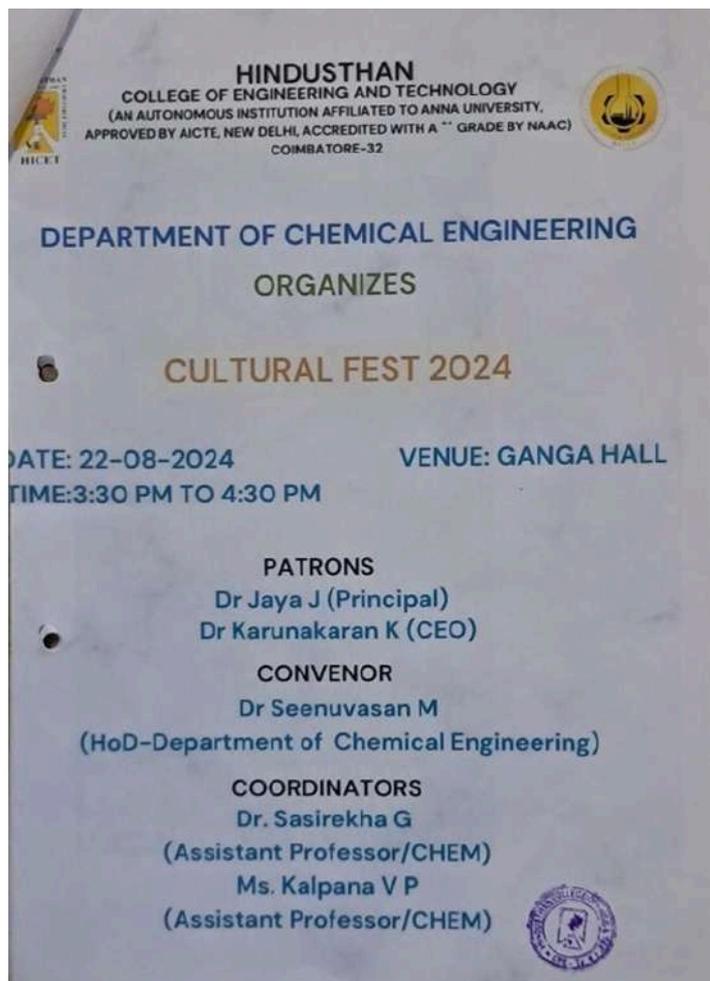
Convener Dr Seenuvasan M, Professor & Head
Co-ordinator

Mr Dineshkumar M Assistant Professor
Ms Induja P Assistant Professor

Cordially invites you all



Program on "Cultural Fest 2024"



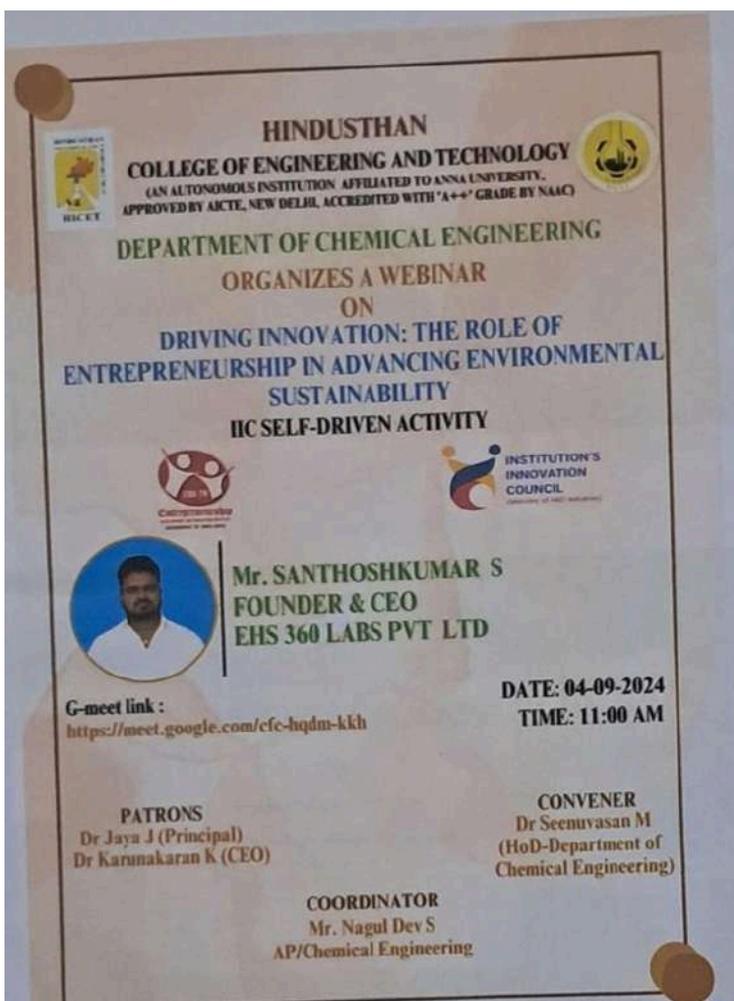
OUTCOME

The cultural activities organized by the Department of Chemical Engineering were a vibrant celebration of diversity, engaging over 100 students. The Cultural Fest included dance performances and other engaging events. Additionally, a semester-long Cultural Exchange Program facilitated meaningful connections and enriched student experiences. These initiatives significantly boosted participation and strengthened the sense of community on campus, highlighting the important role of cultural activities in enhancing the overall college experience. The

event concluded with a prize distribution ceremony.



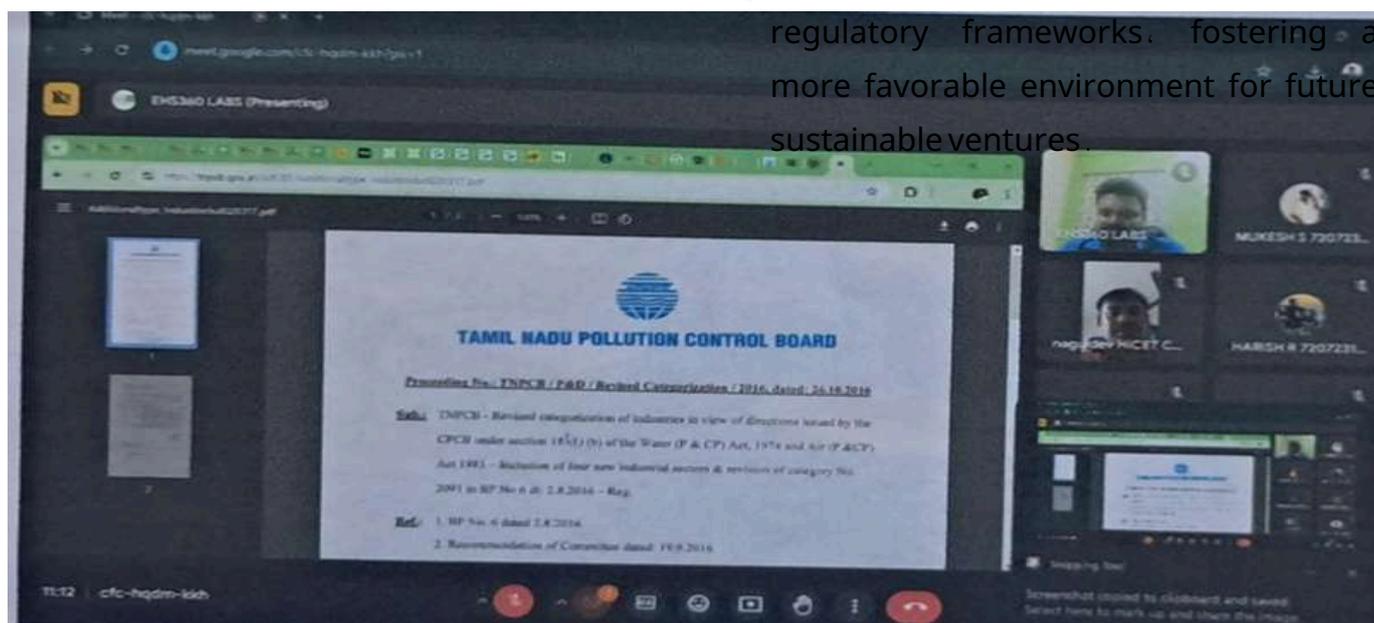
Program on “Driving Innovation: The Role of Entrepreneurship in Advancing Environmental Sustainability”



OUTCOME

Students are able to incorporate innovations in renewable energy, energy efficiency, waste management, and sustainable agriculture. Participants can effectively analyze how successful sustainable start-ups attract investments from venture capitalists, government grants, and impact investors committed to supporting environmental solutions. Attendees will gain insights into environmental sustainability-focused entrepreneurship, enabling the creation of new job opportunities in emerging sectors such as green technology, eco-friendly products, and sustainable services. Learners will develop a comprehensive understanding of

regulatory frameworks, fostering a more favorable environment for future sustainable ventures.



CHEMERSATZ' 2024 Second National Level Technical Symposium

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE -641032

DEPARTMENT OF CHEMICAL ENGINEERING

ASSOCIATION WITH
IICHe STUDENT CHAPTER
ORGANIZES

CHEMERSATZ'24

NATIONAL LEVEL TECHNICAL SYMPOSIUM

ON 20th SEP 2024

For Registration
IICHe Members: Rs. 100
Non-IICHe Members: Rs.150
Mail Your Abstract : chemersatz2024@gmail.com
(Not more than 200 words on or before 14.09.2024)
SPOT REGISTRATION AVAILABLE

Joint Secretary:
Mr. Vishwa Deepak B (9344497678)
Mr. Hemnath SKS (9042475748)

Patrons:
Dr. Karunakaran K (CEO)
Dr. Jaya J (Principal)

Convenor:
Dr. Seenu
(HoD-CHE)

Coordinators:
Mr. Bhuvaneshwaran B (8925245036)
Mr. Chandirasekar M S (8438588131)

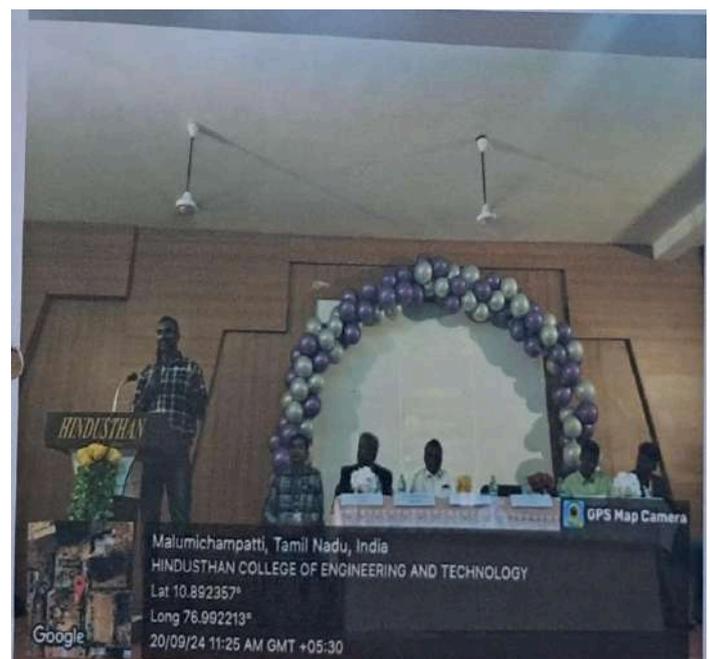
Organizers:
Mr. Hemnath SKS (9626020028)
Mr. S (9842023028)
Mr. R (8760959250)

Patrons:
Mr. M (8608554785)
Mr. M (9384342550)



OUTCOME

The inauguration of the Indian Institute of Chemical Engineers – Student Chapter was a notable event that brought together students, faculty, and industry professionals. The event aimed to promote academic and professional development in the field of chemical engineering. It commenced with a warm welcome and introduction, emphasizing the event's significance. Esteemed guests, including academic leaders and industry experts, attended to express their support and share valuable insights. The keynote address by the Guest of Honor was a major highlight, covering current industry trends, challenges, and opportunities. This motivated students to strive for excellence in their academic and career pursuits. The official inauguration symbolized a strong commitment to advancing chemical engineering education. An interactive session followed, offering students a chance to engage with professionals, ask questions, and understand real-world applications of their studies.



Program on “Emerging Fields of Study and Research Opportunities Abroad”

OUTCOME

The event, hosted by Dominic Roche and Thelma Dominic, focused on “Emerging Fields of Study and Research Opportunities Abroad.” They provided valuable insights into the latest trends in global research, particularly in areas like artificial intelligence, renewable energy, and environmental sustainability. Dominic Roche emphasized the importance of interdisciplinary collaboration and how researchers can contribute to solving pressing global challenges. Thelma Dominic highlighted opportunities for aspiring researchers to study abroad, discussing scholarships, fellowships, and partnerships with leading institutions worldwide. The event fostered a forward-thinking approach, encouraging attendees to embrace global research opportunities for both academic and career growth. Dominic Roche and Thelma Dominic emphasized the importance of standardized exams like the GRE, TOEFL, IELTS, and GMAT for gaining admission to international institutions. The speakers highlighted the importance of planning ahead and achieving competitive scores to improve admission chances and secure scholarships, ensuring a smooth path to studying abroad.

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY,
APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH A** GRADE BY NAAC)
COIMBATORE-32

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES A SEMINAR
ON
EMERGING FIELDS OF STUDY AND
RESEARCH OPPORTUNITIES ABROAD

DOMINIC ROCHE
OPERATIONS HEAD
GRE-PREPARATION SCHOOL
VIBEDU
COIMBATORE

THELMA DOMINIC
ACADEMIC HEAD
GRE-PREPARATION SCHOOL
VIBEDU
COIMBATORE

DATE: 26-09-2024 | TIME: 11.00 AM | VENUE: CHEMICAL LAB

PATRONS
Dr Karunakaran K (CEO)
Dr Jaya J (Principal)

CONVENOR
Dr PALANI R
(HoD - Chemical Engineering)

COORDINATORS
Ms. INDUJA P
AP/Chemical Engineering
Mr. DINESHKUMAR M
AP/Chemical Engineering



Program on “Innovative Techniques and Future Scenarios in Oil and Gas Industry”



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
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APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH A** GRADE BY NAAC)
COIMBATORE-32

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES A GUEST LECTURE
ON
INNOVATIVE TECHNIQUES AND FUTURE
SCENARIOS IN OIL AND GAS INDUSTRY

IIC SELF-DRIVEN

nirf
NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of IITD Initiatives)

 **Mr. GANESH KUMAR**
FORMER GENERAL MANAGER
PETROFAC ENGINEERING SERVICES INDIA
PRIVATE LIMITED

DATE: 23-09-2024 | TIME: 11.00AM | VENUE: GANGA HALL

PATRONS
Dr Jaya J (Principal)
Dr Karunakaran K (CEO)

CONVENER
Dr Seenuvasan M
(HoD-Department of
Chemical Engineering)

COORDINATOR
Mr. Nagul Dev S
AP/Chemical Engineering



Program on “Outreach Activity”

OUTCOME

The river cleaning outreach activity aimed to address pollution in the Ambarampalayam temple river and promote environmental stewardship within the community. Waste was collected near the temple and river so water quality was increased near the bank of river. Different types of waste were collected and disposed of properly. Strengthened awareness to the students about the importance of clean rivers and sustainable practices. The river cleaning drive was a successful initiative, not only in terms of waste collection but also in raising environmental awareness.



Program on “Enhancing Skill Development in Chemical Process Simulation: A Pathway To Industry Readlines”

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY,
APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH 'A++' GRADE BY NAAC)

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES A SEMINAR ON
**ENHANCING SKILL DEVELOPMENT IN CHEMICAL
PROCESS SIMULATION: A PATHWAY TO INDUSTRY
READINESS**

nirf
NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK

INSTITUTE OF CHEMICAL ENGINEERS
INDIA

**INSTITUTION'S
INNOVATION
COUNCIL**
(Member of IICD Institutes)

IIC DRIVEN ACTIVITY

ER. SURESH KUMAR. M
MANAGER - TRAINING
SIM INFOSYSTEMS PVT LTD,
CHENNAI.

DATE: 05-10-24
TIME: 11.00 AM

VENUE : GANGA HALL

PATRONS

Dr Jaya J (Principal) **Dr Karunakaran K** (CEO)

CONVENER
Dr Palani R
(HoD-Department of Chemical Engineering)

COORDINATOR
Mr. Nagul Dev S
AP/Chemical Engineering

Outcome

Students will become proficient in using industry-standard chemical process simulation software. Students will gain an understanding of the principles of chemical process design and optimization. Students will apply fundamental chemical engineering principles to real-world problems using simulation. They will be prepared for industry-level certifications or standards (if applicable) in process simulation. Students will be able to work in teams, contributing to collaborative projects in process simulation. Students will stay updated on the latest trends in chemical process simulation and digital transformation in the chemical industry. Students will understand the importance of safety, sustainability, and environmental considerations in process design.



Program on “Human Values : Cultural Diversity and Inclusion”

OUTCOME

Mr. Alagarraja K interacted with the students on ‘Human Values: Cultural Diversity and Inclusion’ aims to enhance participants’ understanding of the significance of cultural diversity and its positive impact on society. Attendees will gain insights into practical strategies for fostering inclusive environments in various settings, such as workplaces and communities. Through engaging discussions and activities, participants will develop greater empathy toward individuals from different backgrounds and improve their communication skills. The seminar will encourage critical thinking about personal biases and provide actionable frameworks for implementing inclusive practices. Additionally, attendees will have the opportunity to network with like-minded individuals, fostering collaboration and the sharing of best practices. By the end of the seminar, participants will commit to ongoing learning about diversity and inclusion, and they will create personal or organizational action plans to promote these values in their environments, ultimately contributing to a more inclusive society.

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COIMBATORE-32

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES A SEMINAR
ON
**HUMAN VALUES: CULTURAL DIVERSITY
AND INCLUSION**

Mr. ALAGARRAJA K
ASSISTANT PROFESSOR
HINDUSTHAN COLLEGE OF ENGINEERING
AND TECHNOLOGY

DATE: 09-10-2024 | TIME: 02.30 PM | VENUE: T-BLOCK

PATRONS
Dr Karunakaran K (CEO)
Dr Jaya J (Principal)

CONVENOR
Dr PALANI R
(HoD - Chemical Engineering)

COORDINATORS
Ms. INDUJA P
AP/Chemical Engineering

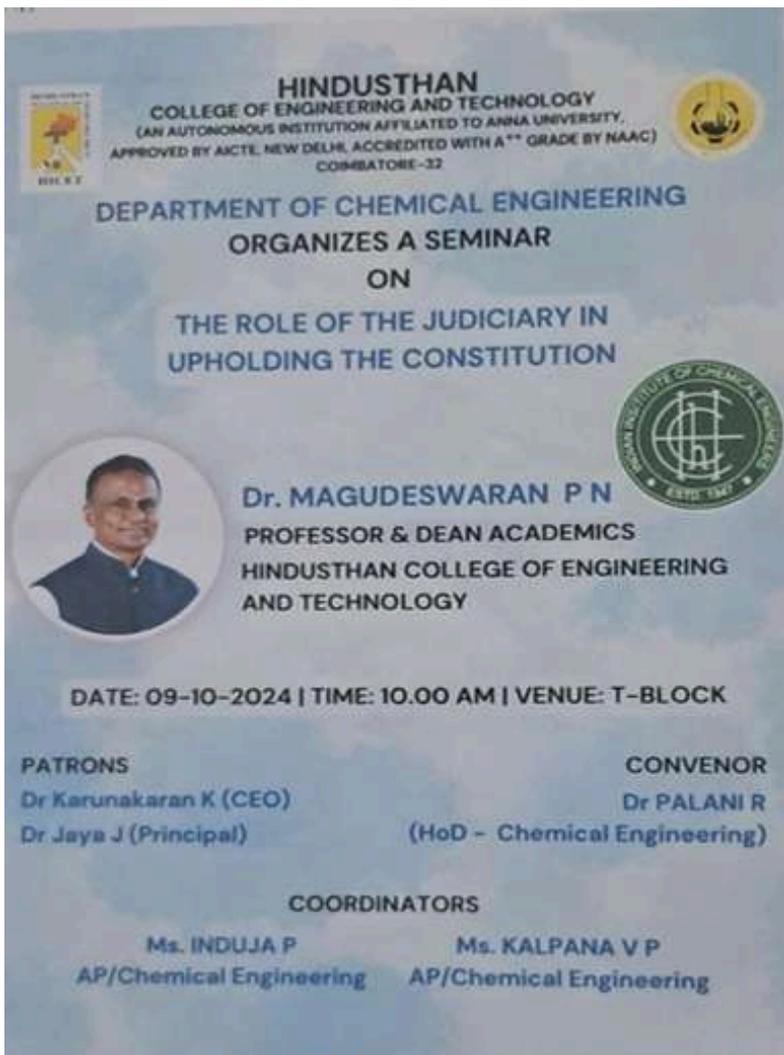
Mr. DINESHKUMAR M
AP/Chemical Engineering



Program on “The Role of The Judiciary In Upholding The Constitution”

Outcome

Dr. Magudeswaran P N interacted with the students about “The Role of the Judiciary in Upholding the Constitution” provided participants with a comprehensive understanding of the judiciary's vital function in maintaining the rule of law and protecting citizens' rights. Attendees gained insights into landmark Supreme Court cases that have significantly influenced constitutional interpretation and governance in India. The discussion highlighted the judiciary's responsibility to safeguard fundamental rights, ensure accountability among the executive and legislative branches, and address issues of social justice. Participants engaged in thoughtful conversations about the challenges faced by the judiciary, including judicial independence and the impact of public opinion on decisions. By the end of the session, attendees expressed a deeper appreciation for the judiciary's role as a guardian of the Constitution and its significance in shaping a just society. Many committed to further exploring judicial activism and the evolving nature of constitutional law in India, fostering a greater awareness of the judiciary's critical function in upholding democratic values and protecting the rights of all citizens.



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COIMBATORE-32

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES A SEMINAR
ON
THE ROLE OF THE JUDICIARY IN
UPHOLDING THE CONSTITUTION

Dr. MAGUDESWARAN P N
PROFESSOR & DEAN ACADEMICS
HINDUSTHAN COLLEGE OF ENGINEERING
AND TECHNOLOGY

DATE: 09-10-2024 | TIME: 10.00 AM | VENUE: T-BLOCK

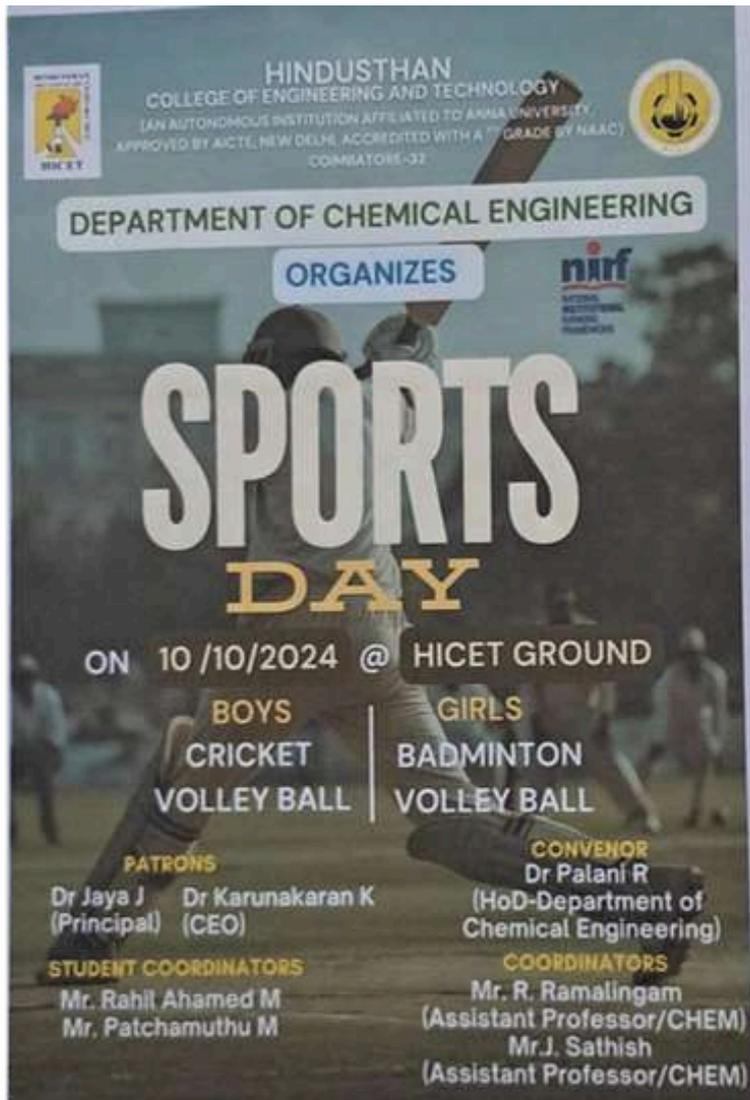
PATRONS
Dr Karunakaran K (CEO)
Dr Jaya J (Principal)

CONVENOR
Dr PALANI R
(HoD - Chemical Engineering)

COORDINATORS
Ms. INDUJA P
AP/Chemical Engineering
Ms. KALPANA V P
AP/Chemical Engineering



Program on “Sports Day”



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY,
APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH A "B" GRADE BY NAAC)
COIMBATORE-32

DEPARTMENT OF CHEMICAL ENGINEERING
ORGANIZES

SPORTS DAY

ON 10/10/2024 @ HICET GROUND

BOYS	GIRLS
CRICKET	BADMINTON
VOLLEY BALL	VOLLEY BALL

PATRONS
Dr. Jaya J (Principal) | Dr. Karunakaran K (CEO)

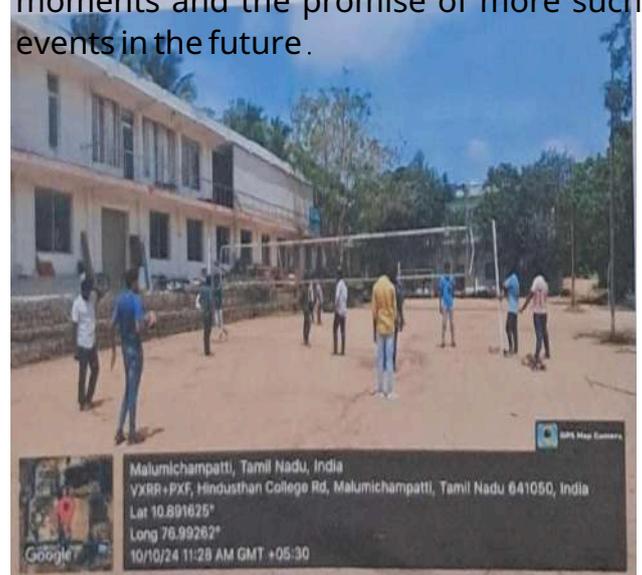
CONVENOR
Dr. Palani R (HoD-Department of Chemical Engineering)

STUDENT COORDINATORS
Mr. Rahil Ahamed M | Mr. Patchamuthu M

COORDINATORS
Mr. R. Ramalingam (Assistant Professor/CHEM) | Mr. J. Sathish (Assistant Professor/CHEM)

OUTCOME

For boys, Cricket and volleyball were conducted and for girls, badminton and volleyball were conducted. First started Cricket was played between second-year and third-year boys, second-year boys batted first scoring a total of 18 runs in the allotted 10 overs, third-year boys chased in 8 overs. Students encouraged them by sitting outside of the rope. Volleyball was played between four teams, the game went down to the wire, with four teams winning 2 sets each, forcing a decisive final set. Third-year boys won the thrilling match. For girls, Badminton and volleyball were conducted. Third-year girls won the badminton match and second-year girls won the volleyball match. The Sports Day event came to a joyous end, leaving participants and spectators with memories of thrilling moments and the promise of more such events in the future.



527.	Ms. Induja P Assistant Professor Dept. of Chemical Engg Hindusthan College of Engineering & Technology Coimbatore-641 032	Production of Hybrid Bio- Plastic from Banana peel, Casava peel, Egg shell and Corn Strach	Shalooob Ahammed E P, Nihil K Babu, Rahul Rajeev	CHE-161	7500
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Ms. Induja P. Assistant Professor in the Department of Chemical Engineering at Hindusthan College of Engineering and Technology, Coimbatore, received a funding grant of ₹10,00,000 from the Tamil Nadu State Council for Science and Technology (TNSCST). The fund was awarded for the project titled "Production of Hybrid Bio-Plastic from Banana Peel, Cassava Peel, Egg Shell, and Corn Starch." The project was carried out with the involvement of students Shalooob Ahammed E P, Nihil K Babu, and Rahul Rajeev under the project code CHE-



Ramalingam R, a faculty member of Hindusthan College of Engineering and Technology, was declared Joint Winner in Smart India Hackathon 2024 – Hardware Edition for mentoring Team Ecovertex (PSID: SIH 1576) in their innovative project.

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NPTEL ONLINE CERTIFICATION
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
NAGULDEV
 for successfully completing the course
Mechanical Unit Operations
 with a consolidated score of **67** %

Online Assignments	23.47/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **30**

Jul-Oct 2024
 (12 week course)


 Prof. T. V. Bharat
 Head, Centre for Educational Technology
 NPTEL Coordinator, IIT Guwahati


 Skill India
 सक्षमता - हमें सबको देना

 Indian Institute of Technology Guwahati


 swayam
 THE ONLINE EDUCATION

Attended the Elite NPTEL online course-Mechanical Unit Operations (12 week course) by Indian Institute of Technology, Kharagpur and cleared the exam with 67%.

Mr. Nagul Dev S
 Assistant Professor
 Chemical Engineering



Ms. Padma Priya R S, a student from Hindusthan College of Engineering and Technology, was declared Joint Winner in the Smart India Hackathon 2024 – Hardware Edition for his outstanding contribution as part of Team Ecovertex (PSID : SIH 1576).

Mr. Alten Rey V, a student from Hindusthan College of Engineering and Technology, was declared Joint Winner in the Smart India Hackathon 2024 – Hardware Edition for his outstanding contribution as part of Team Ecovertex (PSID : SIH 1576).



Mr. Patchamuthu M, a student from Hindusthan College of Engineering and Technology, was declared Joint Winner in the Smart India Hackathon 2024 – Hardware Edition for his outstanding contribution as part of Team Ecovertex (PSID : SIH 1576).

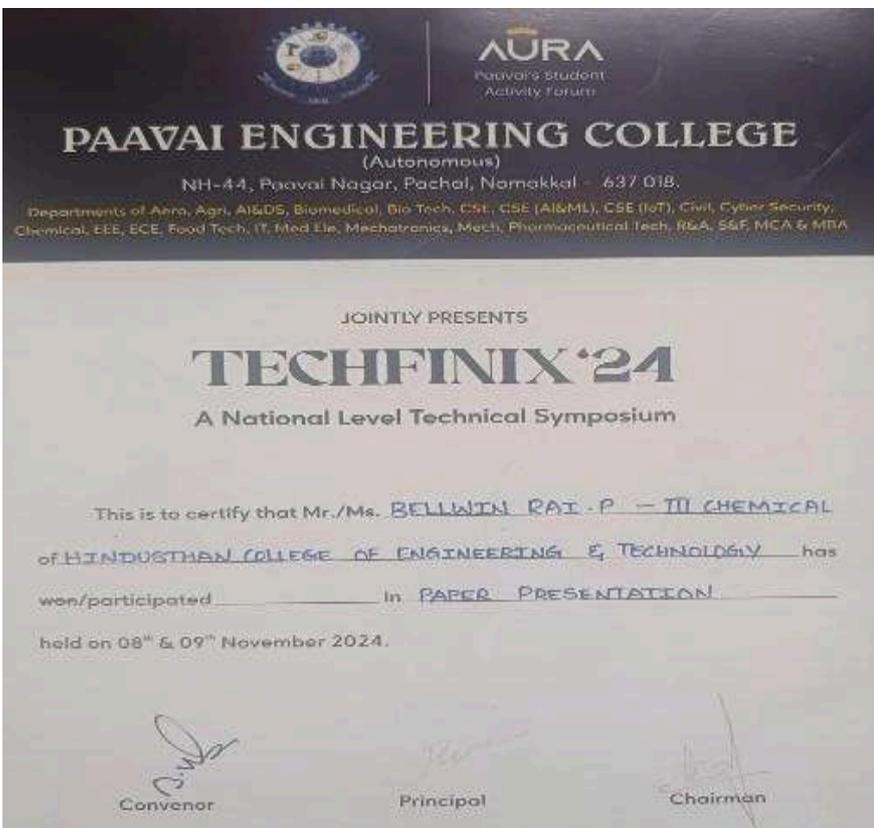




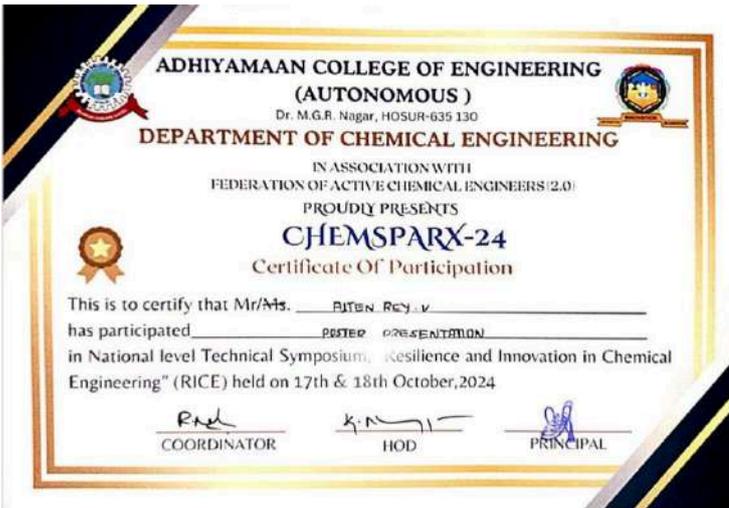
Mr. Alten Rey V secured First Prize in the Technical Quiz conducted at Chemspax '24, a national-level symposium organized by Adhiyamaan College of Engineering, Hosur, held from 17.10.2024 to 18.10.2024.



Mr. Anton Vabin G of Hindusthan College of Engineering and Technology emerged as the winner in the Coimbatore Vizha Sports Fest 2024-25 Basketball Tournament held at Rathinam College of Arts and Science, Coimbatore from 22.11.2024 To 01.12.2024



Mr. Bellwin Rai P of III Chemical, Hindusthan College of Engineering & Technology, participated in the Paper Presentation event at TECHFINIX'24, held on 8th and 9th November 2024 at Paavai Engineering College.



Mr. Alten Rey V participated in the Poster Presentation event at the National Level Technical Symposium "CHEMSPARX- 24," organized by the Department of Chemical Engineering, Adhiyamaan College of Engineering, on 17th and 18th October 2024.

Mr. Alten Rey V participated in the Paper Presentation event at the National Level Technical Symposium "CHEMSPARX- 24," organized by the Department of Chemical Engineering, Adhiyamaan College of Engineering, on 17th and 18th October 2024.



Mr. Alten Rey V from Hindusthan College of Engineering and Technology participated in the National Level Inter-college Hackathon GREENHACK'24, held on 19th and 20th September 2024 at Sri Sivasubramaniya Nadar College of Engineering, Tamil Nadu.

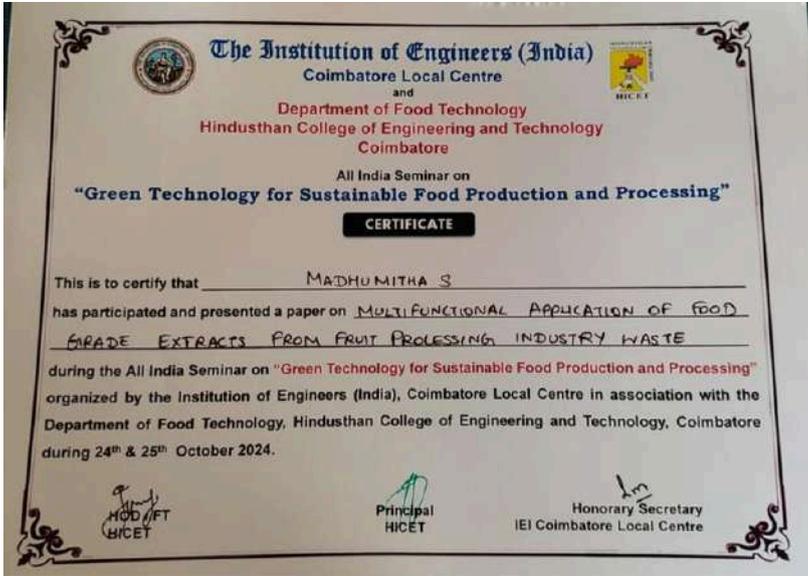


Mr. Balaji D from Hindusthan College of Engineering participated in a two-day workshop on "Fundamentals in FluidFlow: A Hands-on Workshop on Hydraulic Simulation" held from 18th to 19th October 2024 at Kongu Engineering College, organized by the Department of Chemical Engineering and IIPC.





Mr. Muruganayagam S from Hindusthan College of Engineering and Technology secured a position in the Anna University Zonal Basketball Tournament (Men's) held from 27.09.2024 to 28.09.2024 and was awarded a Certificate of Merit.



Ms. Madhumitha S presented a paper on "Food-grade extracts from fruit processing industry waste" at the All India Seminar on Sustainable Food Processing, held on 24th and 25th October 2024, at Hindusthan College, Coimbatore.

Ms. Sulokshana S from Hindusthan College of Engineering and Technology participated in the workshop on design and development of electric vehicles at DHRUVA 2024, held at Karpagam College on 15th and 16th March.



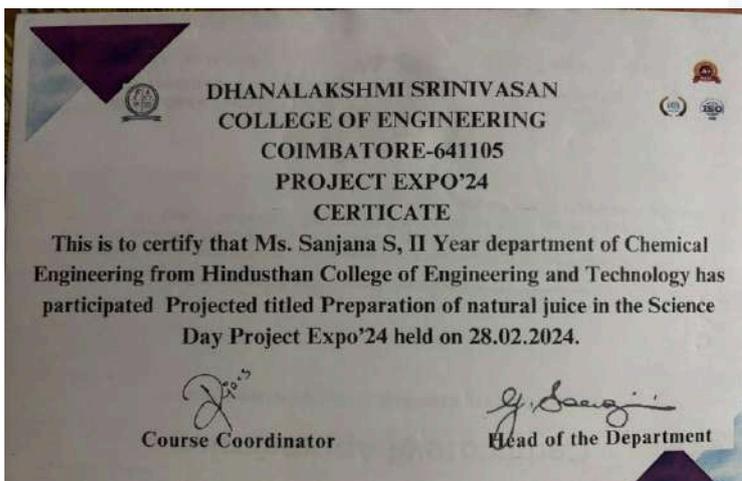


Ms. Padma Priya R S from Hindusthan College of Engineering and Technology participated in the National Level Inter-college Hackathon GREENHACK'24, held on 19th and 20th September 2024 at Sri Sivasubramaniya Nadar College of Engineering, Tamil Nadu.

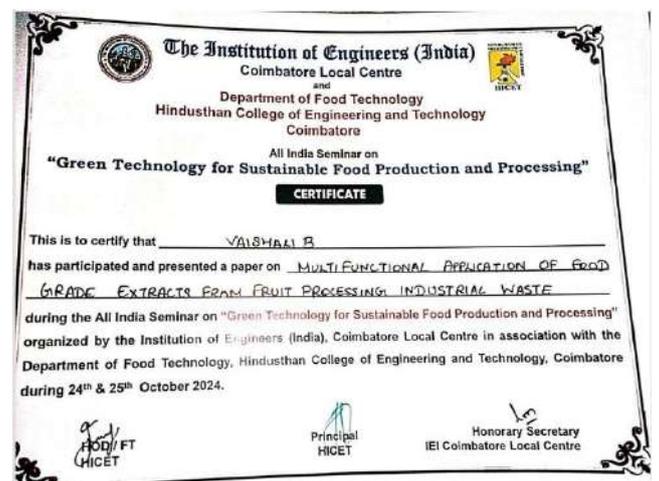
Ms. Padma Priya R S from Hindusthan College of Engineering and Technology attended a workshop on "Dynamic Process Simulation" at Kongu Engineering College, Perundurai, held on 2nd March 2024.



Ms. Sanjana S, a second-year Chemical Engineering student at Hindusthan College of Engineering and Technology, participated in the Project Expo'24 with a project on natural juice preparation on 28 February 2024 at DSEC, Coimbatore.



Ms. Vaishali B presented a paper on "Food-grade extracts from fruit processing industry waste" at the All India Seminar on Sustainable Food Processing, held on 24th and 25th October 2024, at Hindusthan College, Coimbatore.





Mr. Patchamuthu M participated in the Paper Presentation event at the National Level Technical Symposium "CHEMSPARX-24," organized by the Department of Chemical Engineering, Adhiyamaan College of Engineering, on 17th and 18th October 2024.

Mr. Patchamuthu M participated in the Poster Presentation event at the National Level Technical Symposium "CHEMSPARX-24," organized by the Department of Chemical Engineering, Adhiyamaan College of Engineering, on 17th and 18th October 2024.



Mr. Patchamuthu M from Hindusthan College of Engineering and Technology, participated in a two-day workshop on "Fundamentals in FluidFlow: A Hands-on Workshop on Hydraulic Simulation" held from 18th to 19th October 2024 at Kongu Engineering College, organized by the Department of Chemical Engineering and IIPC.



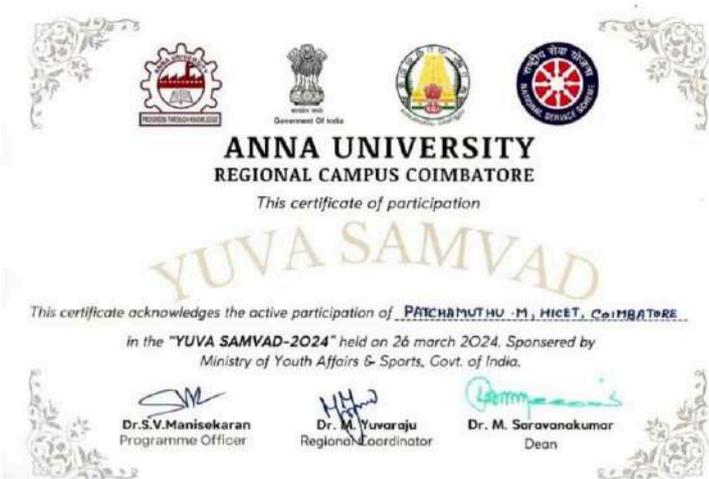
Mr. Patchamuthu M, a second-year Chemical Engineering student at Hindusthan College of Engineering and Technology, participated in the Project Expo'24 with a project "on Domestic Waste Purifier" on 28 February 2024 at DSEC, Coimbatore.





Mr. Patchamuthu M presented a paper on 'Production and Purification of Recombinant Fluorescent Protein' at the National Conference on Recent Trends in Biotechnology Research held at Aruna Engineering College on 22 March 2024.

Mr. Patchamuthu M from HICET, Coimbatore actively participated in "YUVA SAMVAD-2024" held on 26 March 2024, organized by Anna University Regional Campus and sponsored by the Ministry of Youth Affairs & Sports, Govt. of India.



Mr. Sudalaikumar M from Hindusthan College of Engineering and Technology participated in a two-day workshop on "Fundamentals in FluidFlow: A Hands-on Workshop on Hydraulic Simulation" held from 18th to 19th October 2024 at Kongu Engineering College, organized by the Department of Chemical Engineering and IIPC.



Ms. Mutharasi M from Hindusthan College of Engineering and Technology participated in a workshop on "standardization of plastic products" during PHENOLICS'24 at CIPET- IPT, Chennai, on October 24, 2024, organized by the Department of Plastics Technology.





Mr. Surya S from Hindusthan College of Engineering and Technology participated in a workshop on "standardization of plastic products" during PHENOLICS'24 at CIPET-IPT, Chennai, on October 24, 2024, organized by the Department of Plastics Technology.

Mr. Surya S from Hindusthan College of Engineering and Technology, participated in a two-day workshop on "Fundamentals in FluidFlow: A Hands-on Workshop on Hydraulic Simulation" held from 18th to 19th October 2024 at Kongu Engineering College, organized by the Department of Chemical Engineering and IIPC.



DEPARTMENT OF BIOMEDICAL ENGINEERING

Faculty participation

S. No.	Name of the Faculty	Name of the event attended	Duration	Organized by
1	Dr.Ganga M	Professional development	23.09.2024 to 27.03.2024	NITTR, Chennai
2	Dr.Ganga M	Short Term Course on "Machine	19.04.2024 to 23.04.2024	NITTR, Chandigarh
3	Dr.Ganga M	Five Days Online Faculty	18.03.2024 to 22.03.2024	CMRIT , Bengaluru
4	Dr. Murugeshwari T	Workshop on 3D printing for Medical	23.05.24 to 24.05.24	Medsby Healthcare and Engineering
5	Dr. Murugeshwari T	National level Technical Syposium	22.8.24 and 23.8.24	Hindusthan College of Engg. and Tech.,
6	Dr. Murugeshwari T	National level, conference on	5.3.25	Karpagam Academy of Higher
7	Mrs. M. Deeparani	Workshop 3D printing for Medical	2 days	Biomedical Engineering
8	Mrs. M. Deeparani	One day seminar "Medical Device	1 day	Biomedical Engineering
9	Mrs. Kiruthika K	Professional development	23.09.2024 to 27.03.2024	NITTR, Chennai
10	Mrs. Kiruthika K	Short Term Course on "Machine	19.04.2024 to 23.04.2024	NITTR, Chandigarh
11	Mrs. Kiruthika K	Five Days Online Faculty	18.03.2024 to 22.03.2024	CMRIT , Bengaluru

Patents by faculties

S.No.	Name of the	Name of the	Title of the	Patent Applicati	Date of filing	Patent Status	Date Publish
1	1.Mr.P.E. Kamalakk	Hindusthan	CONTACT LESS	409666-001	16/03/2024	Published	16/05/2024

Journal publications

S. No	Name of the Faculty	Title of the Paper	Name of the Journal	Volume/ Issue/	ISSN	Impact Factor
1	Dr. Ganga M, ASP/BME	Retinal Image	Indian Journal of	Vol.15, Issue85,	0035-4066	2.6
2	Dr. Ganga M, ASP/BME	Jellyfish Search	Electric Power	https://doi.org/10.108	2229-6948	2.7
3	Dr. Ganga M, ASP/BME	Synergistic Integration	IEEE	doi: 10.1109/AR	1975-0102	3.4
4	Dr. Ganga M, ASP/BME	Design and Developme	IEEE	doi:10.1109 /ISENSE637	0976-0997	3.4
5	Mrs. Deeparani	BIOCHEMICAL	OXIDATION COMMUNIC	Volume 47 Issue4	2075-4418	0.48
6	Dr.T Murugeswar	Smart Wearable	African Journal of	Afr. J. Biomed.	2583-8547	0.182

MOU

S NO	COMPANY NAME	DATE OF MOU
1	CYRIX HEALTHCARE PRIVATE LIMITED,BANGALORE	08.10.2024

Placement

S.NO	REG NO	STUDENT NAME	COMPANY NAME	CTC	YEAR
1	20112020	KISHORE R	HARKISH TECHNOLOGIES, CHENNAI	2,40,000/-	Mar 6, 2024
2	20112031	PRIYADHARS HINI S	SKILL FORGE, BANGALORE	2,40,000/-	27/05/2024
3	20112037	SATHYA T	HEALTHWATCH, CHENNAI	3,22,000/-	27/05/2024
4	20112038	SHANOFER J	ZIFO, CHENNAI	4,76,700/-	Oct 7, 2024
5	20112042	SONALI S V	HEALTHWATCH, CHENNAI	3,22,000/-	27/05/2024
6	20112045	SRIRAM G	HEALTHWATCH	20112045	SRIRAM G
7	20112046	STEVEGLADWIN W	HEALTHWATCH	20112046	STEVEGLADWIN W
8	20112017	JAYA KUMAR S	SHREE IMAGING TECHNOLOGIE (P) LTD,	2,07,000/-	16/05/2024
9	20112016	JASHIKA K	COTIVITI INDIA PRIVATE LIMITED, HYDERABAD	3,44,141/-	Jan 8, 2024
10	20112020	KISHORE R	HARKISH TECHNOLOGIES, CHENNAI	2,40,000/-	Mar 6, 2024

DEPARTMENT OF FOOD TECHNOLOGY



PAPER/ JOURNAL
PUBLISHED

FACULTY ACHIEVEMENTS

1

Dr. Jeevarathinam G, Professor of Food Technology, co-authored and presented a research paper titled **"Acrylamide in Food Products: Formation, Technological Strategies for Mitigation, and Future Outlook"** in the SCI and Web of Science (WoS) indexed journal Food Frontiers, Volume 5(3), along with other collaborators.

2

Dr. Jeevarathinam G, Professor of Food Technology, along with a team of co-authors, contributed to and presented a research paper titled **"Encapsulation of Quercetin Fraction from *Musa balbisiana* Banana Blossom in Chitosan-Alginate Solution: Optimization and Characterization"**, published in the SCI and Web of Science (WoS) indexed journal International Journal of Biological Macromolecules.

Heat Transfer

WILEY

HEAT TRANSFER

ORIGINAL ARTICLE

Infrared-Assisted Hot Air Drying of Turmeric Slices: Effects on Drying Kinetics, Quality, Efficiency, Energy Considerations, and Mathematical Modeling

G. Jeevarathinam^{1,2} | R. Pandiselvam³ | T. Pandiarajan⁴ | J. Deepa^{1,2} | S. Dinesh Kumar⁴ | P. Preetha¹ | T. Krishnakumar⁵ | A. Asha Monicka⁶ | M. Balakrishnan⁷ | D. Amirtham⁸

¹Department of Food Process Engineering, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India | ²Department of Food Technology, Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India | ³Physiology, Biochemistry and Post-Harvest Technology Division, ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod, Kerala, India | ⁴Department of Agricultural Engineering, Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India | ⁵Division of Crop Utilization, ICAR-Central Tuber Crops Research Institute (CTCRI), Sreekarthi, Thiruvananthapuram, Kerala, India | ⁶Division of Agricultural Engineering, School of Agricultural Sciences, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India

Correspondence: R. Pandiselvam (r.pandiselvam@icar.gov.in; anubupandi1989@yahoo.co.in) | J. Deepa (deepakdvd@gmail.com)

Received: 1 June 2024 | **Revised:** 25 November 2024 | **Accepted:** 1 December 2024

Funding: Indian Council of Agricultural Research; The financial support of AICRP-PHET is greatly appreciated.

Keywords: drying efficiency | infrared | modeling | quality | SEC | turmeric

ABSTRACT

The commercial value of turmeric is significantly influenced by the percentage of volatile compounds. Drying techniques reported in previous studies for turmeric showed a reduction in volatile compounds, which negatively affected the quality and market value. In this investigation, drying trials were conducted on turmeric slices with bed thicknesses ranging from 10–25 and 10–50 mm using infrared drying, hot air drying (HAD), and infrared-assisted hot air drying (IR-HAD) methods at temperatures of 50°C, 60°C, and 70°C. The air velocity was maintained at 2 m/s, with an infrared radiation intensity of 3.02 W/cm². The results indicated that IR-HAD at 70°C with a bed thickness of 25 mm achieved the best outcomes in terms of drying rate, efficiency, specific energy consumption, and CO₂ emissions. Conversely, IR-HAD at 60°C with a bed thickness of 25 mm was optimal for retaining quality parameters, such as curcumin, oleoresin, color, and starch content. Notably, the drying time at 70°C for the 10–25-mm bed thickness was 54.54% shorter compared with 50°C for IR-HAD. Statistical analysis revealed significant effects ($p < 0.01$) of drying techniques, bed thickness, and drying temperatures on quality parameters. IR-HAD at 60°C with a bed thickness of 25 mm emerged as the preferred operating condition for producing high-quality turmeric. Nonlinear regression analysis confirmed the suitability of seven different thin-layer drying models, with the page model being the most accurate predictor of turmeric slice drying under varied conditions. IR-HAD demonstrated its potential to accelerate the drying rate during the initial stage of the process, with reduced thickness proving more effective due to the increased surface area facilitating faster moisture removal. IR-HAD at 60°C retains the maximum percent of volatile compounds and maintains the quality by faster and uniform drying. Therefore, employing IR-HAD offers a more energy-efficient sustainable method while ensuring quality retention in dried turmeric slices.

3

Dr. Jeevarathinam G, Professor of Food Technology, in collaboration with other co-authors, presented a research paper titled **"Infrared-Assisted Hot-Air Drying of Coconut: Effects on Drying Behavior and Quality Parameters"**, published in the Scopus and Web of Science (WoS) indexed journal Journal of Food Process Engineering.

4

Dr. Jeevarathinam G, Professor of Food Technology, along with several co-authors, presented a research paper titled "**Applications of Electrolyzed Water in the Food Industry: A Comprehensive Review of Its Impact on Food Texture**", published in the SCI and Web of Science (WoS) indexed journal Future Foods.

5

Dr. Jeevarathinam G, Professor of Food Technology, along with a team of co-authors, published a research paper on the **performance evaluation of solar and heat pump drying systems for small cardamom (Elettaria cardamomum Maton)**, focusing on energy efficiency, drying behavior, and quality attributes. The study appeared in the Scopus and SCI-indexed journal Biomass Conversion and Biorefinery.

6

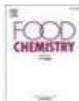
Dr. Jeevarathinam G, Professor of Food Technology, co-authored and presented a review paper titled "**Macromolecular, Thermal, and Non-Thermal Approaches for Lowering the Glycemic Index in Foods**", published in the SCIE and Web of Science (WoS) indexed journal Food Chemistry, along with several other contributors.

Food Chemistry 945 (2024) 138742

Contents lists available at ScienceDirect

Food Chemistry

Journal homepage: www.elsevier.com/locate/foodchem



Review

Macromolecular, thermal, and nonthermal technologies for reduction of glycemic index in food-A review

G. Jeevarathinam^a, Seema Ramniwas^b, Punit Singh^c, Sarvesh Rustagi^d, Syed Mohammed Basheeruddin Asdaq^e, R. Pandiselvam^{f,g}

^a Department of Food Technology, Hindustan College of Engineering and Technology, Coimbatore 641 022, Tamil Nadu, India
^b University Centre for Research and Development, University of Biotechnology, Chandigarh University, Gurgaon, Mohali, Punjab
^c Institute of Engineering and Technology, Department of Mechanical Engineering, GSA University, Muzaffar, Uttar Pradesh 201406, India
^d School of Applied and Life Sciences, Uttaranchal University, Dehradun, Uttarakhand, India
^e Department of Pharmacy Practice, College of Pharmacy, Al-Mustansiriyah University, Baghdad, 12713, Baghdad, Saudi Arabia
^f Physiology, Biochemistry and Post Harvest Technology Division, ICAR - Central Plantation Crops Research Institute, Kasargod-671 124, Kerala, India

ARTICLE INFO

Keywords:
Low glycemic index
Parboiling
High pressure processing
Microwave irradiation
Starch digestibility

ABSTRACT

Consumers rely on product labels to make healthy choices, especially with regard to the glycemic index (GI) and glycemic load (GL), which identify foods that stabilize blood sugar. Employing both thermal and nonthermal processing techniques can potentially reduce the GI, contributing to improved blood sugar regulation and overall metabolic health. This study concentrates on the most current advances in GI-reduction food processing technologies. Food structure combines fiber, healthy fats, and proteins to slow digestion, reducing GI. The influence of thermal approaches on the physical and chemical modification of starch led to decreased GI. The duration of heating and the availability of moisture also determine the degree of hydrolysis of starch and the glycemic effects on food. At a lower temperature, the parboiling revealed less gelatinisation and increased moisture. The interval temperature of the product is raised during thermal and nonthermal treatment, speeds up retrogradation, and reduces the rate of starch breakdown.



7

Dr. Jeevarathinam G, Professor of Food Technology, in collaboration with other co-authors, presented a research study on the "**Performance evaluation of an indirect solar dryer integrated with a wicked heat pipe**", published in the Scopus-indexed journal Journal of Mechanical Science and Technology.

8

Dr. Jeevarathinam G, Professor of Food Technology, in collaboration with multiple co-authors, has disseminated a scholarly article entitled "**Experimental Investigation and Modeling of Date Drying under Forced Convection Solar Dryers**", published in the Scopus and Web of Science (WoS) indexed journal Biomass Conversion and Biorefinery. The study encompasses an in-depth analysis and mathematical modeling of drying kinetics and thermal performance parameters associated with the forced convection solar drying of dates.

9

Dr. Jeevarathinam G, Professor of Food Technology, along with other co-authors, published a research paper on the "**Experimental analysis and mathematical modeling of date drying using forced convection solar dryers**". This study was featured in the Scopus and Web of Science (WoS) indexed journal Biomass Conversion and Biorefinery.

10

Dr. Jeevarathinam G, Professor of Food Technology, along with other co-authors, published a research paper on the "**Evaluation of the effect of sustainable drying techniques and intensification technologies on color profile of dehydrated fruits and vegetables**". This study was featured in the SCIE & WOS indexed journal Food and Bioprocess Technology.



11

Dr. Jeevarathinam G, Professor of Food Technology, along with several co-authors, published a research paper focused on the **"Cost analysis of using ozone technology for preserving selected food and agricultural products"**. The study appeared in the SCI and Web of Science (WoS) indexed journal Journal of Food Process Engineering.

12

Dr. J. Deepa, Professor of Food Technology, in collaboration with other co-authors, published a research paper on the **"Optimization of microwave-assisted water-based extraction of natural pigments from annatto seeds using the Box-Behnken statistical design"**. The study was featured in the Scopus and Web of Science (WoS) indexed journal Journal of Biomass Conversion and Biorefinery.

13

Dr. J. Deepa, Professor of Food Technology, along with several co-authors, published a research paper on the **"Optimization of operational parameters for a neem fruit depulping machine aimed at producing high-quality seeds and oil"**. The study appeared in the Scopus and Web of Science (WoS) indexed journal Journal of Biomass Conversion and Biorefinery.

14



15

Dr. R. Navarasam, Professor of Food Technology, published a research paper titled **"Development and Sensory Assessment of a Low-Fat Bread Spread"** in the Scopus and Web of Science (WoS) indexed journal Journal of Emerging Technologies and Innovative Research, Volume 11, Issue 12.

NPTEL ONLINE CERTIFICATION
S.Charan Adithya has successfully completed his course on Modern Food Packaging Technologies - Regulatory Aspects and Global Trends with a consolidated score of 72%

Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHARAN ADITHYA S
for successfully completing the course
Modern Food Packaging Technologies: Regulatory Aspects and Global Trends
with a consolidated score of **72 %**

Online Assignments	24.38/25	Proctored Exam	47.25/75
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Total number of candidates certified in this course: 1206

Jan-Apr 2024
(12 week course)

H. Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24AG07S1253800899 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL **swayam**

CERTIFICATE OF APPRECIATION
is awarded to

CHARAN ADITHYA
HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

NOVEL TECHNOLOGIES FOR FOOD PROCESSING AND SHELF LIFE EXTENSION
JAN - APR 2025

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				Toppers
			<40	40-59	60-74	75-89	
94	56	44	20	2	0	0	

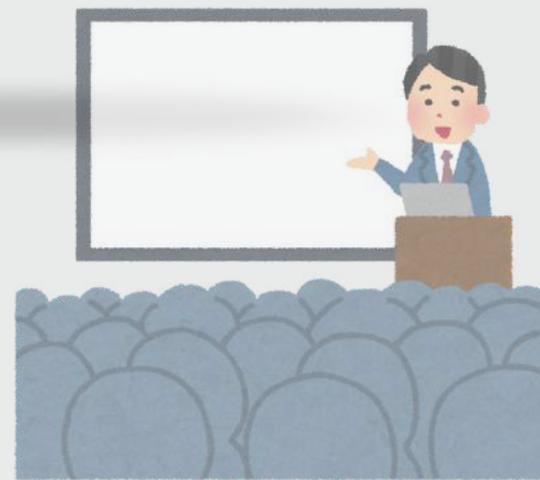
Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

➤ Learning and Career Opportunities in Agribusiness, Plantation, Foods and Agri-Exports on 18.04.2024

➤ Introduction on Research Methods, IPR, Patent and Copy right Filing on 08.04.2024

➤ Study Opportunities for Food Technology at Global Front on 05.03.2024

➤ Relevance of Entrepreneurship in an AI Era for Food Technology on 28.03.2024 (One day)



FDP/SEMINAR ORGANISED

➤ Faculty Development Program on Modern Food Packaging Technologies; Regulatory Aspects and Global Trends organized By SWAYAM-NPTEL, Govt. of India on Jan to April 2024.

➤ FDP on Entrepreneurship Network by Wadhvani Foundation organized by Wadhvani Foundation, Bangalore and EDC/HICET on 26.09.2024 to 18.10.2024.

➤ FDP on Outcome based Pedagogic Principle for Effective Teaching organized by SWAYAM-NPTEL, Govt. of India on Feb to March 2025.

➤ FDP on Farm to Fork - Enhancing Food Quality Through Post Harvest Handling organized by Food Technology/ HICET on 17.05.2024 to 23.05.2024.

Advances in Analytical Techniques and Instrumentation organized by Hindusthan Management on "Five Days 16.12.2024 to 20.12.2024"

Seminar on Green technology for Sustainable Food Production. Organized by Food Technology/ HICET on 25.10.2024

Right to Foods for a Better Life and a Better Future on the "World Food Day" organized by IEI on One day 17.10.2024

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Valley Campus, Pollachi Highway, Coimbatore - 641032

DEPARTMENT OF FOOD TECHNOLOGY
Entrepreneurship Development Cell & Institution Innovation Council (IIC Self-Driven Activity)
Jointly organizes Seminar for New Teaching Faculty on:

CONVERSION OF FOOD WASTE INTO VALUE ADDED PRODUCTS - A PROFITABLE REVENUE

SPEAKERS

- Dr. Navarasam.R** (AS/FT)
- Dr. Shivani Indumathi.A** (AS/FT)

T BLOCK (T405)
HICET
10.05.2024
11:00 am Onwards

Comptroller: **Dr. G. Jeevarathinam** (HOB/FT)
Faculty: **Dr. K. Karunakaran** (CEO/HICET)
Principal: **Dr. J. Jaya** (PRINCIPAL/HICET)

HICET DEPARTMENT OF FOOD TECHNOLOGY
Organizes

NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME ON "ADVANCES IN ANALYTICAL TECHNIQUES AND INSTRUMENTATION"

SPEAKERS

- Dr. Jayashankar G.** (Assistant Professor, College of Fish Nutrition and Food Technology, Madhavaram Milk Colony, Chennai - 600031)
- Dr. Suresh A.** (Professor, Department of Food Technology, TNAU Institute of Technology, Kaniyapuram - 626005)
- Dr. Mathangal S. K.** (Assistant Professor, Department of Food Processing Technology, College of Food and Dairy Technology, Chennai - 600055)
- Dr. Kanagasabay S.** (Professor, Department of Food Technology, Tamil Engineering College, Tirupur - 641002)
- Dr. Pragasam R. T. R.** (Professor, Department of Food Products Technology (Dairy Science), Madhavaram Milk Colony, Chennai - 600031)

16.12.2024 TO 20.12.2024

Made - Online
FREE REGISTRATION
Time - 10.30 AM to 11.30 AM

REGISTER HERE
<https://forms.gle/F6gYpSPgRLINyCxB>

DEPARTMENT OF FOOD TECHNOLOGY
Organizes an

NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME ON "FARM TO FORK-ENHANCING FOOD QUALITY THROUGH POST-HARVEST HANDLING"

SPEAKERS

- Dr. R. Arulmari** (Assistant Professor, Tamil Nadu Agricultural University, Kattibidi)
- Dr. V. Chandrasekar** (National Institute of Food Technology, Entrepreneurship and Management, Thanjavur)
- Dr. S. Parveen** (Assistant Professor, Tamil Nadu Agricultural University, Coimbatore)
- Dr. C. Anuradhasri** (Assistant Professor and Head, Tamil Nadu Agricultural University, Coimbatore)
- Dr. M. R. Manikandan** (Principal Scientist, Phytology, Microbiology and Post Harvest Technology, Coimbatore, ICAR, Bangalore)
- Dr. R. Pondiselvam** (Senior Scientist, ICAR - Central Institute for Research on Cattle (ICAR-CRCR), Mysore)
- Dr. T. Krishna Kumar** (Senior Scientist, Division of Food Utilization, ICAR, Central Tuber Crops Research Institute, Newshandwaram)

17.05.2024 TO 23.05.2024

Made - Online
Time - 10.30 AM to 12.00 PM

REGISTER HERE
<https://forms.gle/PahrEu41juPqPOCh6>

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY
COIMBATORE-641032

DEPARTMENT OF FOOD TECHNOLOGY
ORGANIZES A WEBINAR ON

"Gender equity"

MAY 31st 2024
10.30 AM
PLATFORM GOOGLE MEET

SPEAKER
Dr. A. Jayanthi
Associate Professor,
Department of Management Sciences, Hicet

PATRONS
Dr. K. KARUNAKARAN
CEO, Hindusthan Institutions
Dr. J. JAYA
Principal / HICET

CONVENOR
Dr. G. JEEVARATHINAM
(Associate Professor & Head)

CO-ORDINATORS
Dr. J. DEEPA (Assistant Professor/ FT)
Mr. S. DILLWYN (Assistant Professor/ FT)



The Institution of Engineers (India)
Coimbatore Local Centre
in association with

DEPARTMENT OF FOOD TECHNOLOGY
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE
Organizes
All India Seminar on

"GREEN TECHNOLOGY FOR SUSTAINABLE FOOD PRODUCTION AND PROCESSING"

Under the aegis of
AGRICULTURAL ENGINEERING DIVISION BOARD, IEI
on
24th & 25th October 2024
Venue: Ganga Seminar Hall, HICET

Dr. J. Krishnamoorthi | Dr. G. Madhan Mohan | Dr. G. Jeevarathinam | Dr. J. Jaya | Dr. K. Karunakaran

STUDENTS ACHIEVEMENTS

3RD YEAR STUDENTS

BATCH : 2022-2026

TECHNOXIAN 2024

Adithyan and Akash S Nath and Alan Sakaria from Department of Food Technology has won 1st place and achieved in World Robotics Championship - RC Electric Car Racing Competition. TechnoXian 2024 was the 6th edition of the global robotics championship, organized by the All India Council for Robotics and Automation (AICRA) and the Department of Science & Technology, Ministry of Science & Technology, Govt. of India. The event took place from August 3rd to 6th, 2024, at the Indra Gandhi Stadium Complex in New Delhi. The event included various competitions like the Bot Combat Challenge, where the USTM Robotics Team emerged as world champions. Additionally, TechnoXian also features an Innovation Challenge for hardware and software-based projects.



CONVERGENCE 2K25

SUSTINERE EVENT

We take immense pride in acknowledging the remarkable achievement of Anjana T.M, Adwath.S.Ramesh, Vyaktha A.P and Fathima Alhuda a distinguished student of the third year, who brought laurels to our institution through their exemplary performance at CONVERGENCE 2K25, a prestigious symposium orchestrated by the Department of Food Technology, Nehru Institute of Technology (Autonomous).

Their erudite exposition and eloquent articulation in the Paper Presentation Competition captivated both the jury and the audience, ultimately earning her the First Prize amidst a cohort of formidable contenders from various institutions.



Jemima Angel and Uma Maheswari, talented students of Food Technology, showcased their culinary prowess by participating in the prestigious Recipe Decoding competition at Nehru Institute of Technology, Coimbatore, and emerged victorious, claiming 2nd place and bringing laurels to their institution with their creativity, skill, and passion for innovative food preparation."



NATIONAL CONFERENCE

Students from the Department of Food Technology, Hindusthan College of Engineering and Technology, Coimbatore, actively participated in the National Conference on Innovation, Entrepreneurship, and Start-up Opportunities in the Food & Dairy Sector (CONFAD-2024), held on 25th and 26th October 2024.

The prestigious conference was organized by the National Institute of Food Technology, Entrepreneurship and Management – Thanjavur (NIFTEM-T) in collaboration with the Indian Dairy Association (IDA), Tamil Nadu Chapter, with the objective of fostering innovation and promoting entrepreneurial ventures within the food and dairy industries.



PRE-REPUBLIC DAY PARADE CAMP-2024

Ms. B. Janani, NSS Volunteer from Hindusthan College of Engineering and Technology, actively participated in the Pre-Republic Day Parade Camp – 2024 selection round conducted at Anna University, Coimbatore, Tamil Nadu.

Following her exemplary performance and dedication, she was selected to represent Tamil Nadu at the esteemed NSS South Zone Pre-Republic Day Parade Camp – 2024, held under the auspices of the Ministry of Youth Affairs and Sports, and organized by the Regional Directorate of NSS, Bangalore, in collaboration with Davangere University, Davangere, from 5th to 14th November, 2024.

Her exceptional commitment and spirited participation further earned her selection for the Republic Day Parade – 2025, to be held in Chennai, representing her state with pride and honour.



NATIONAL ADVENTURE CAMP

Darshini G.P. successfully participated in the National Adventure Camp, an intensive Adventure Mountaineering Course, held from April 1st to April 15th, 2024, organized by the esteemed Jawahar Institute of Mountaineering and Winter Sports, located in Pahalgam, Jammu & Kashmir. In recognition of her exceptional resilience and unwavering perseverance throughout the course, she was conferred with the distinction of “Best Endurance” among the participants.



INDUSTRIAL VISIT

Third year food technology students attended and got one day training certificate on Chocolate manufacturing and Tea tasting and testing process in Benchmark Tea and Chocolate Factory, in Ooty. The Students interacted with the heads, incharge's and machine operators to completely learn the process of Tea processing and chocolate processing. They were given 5 types of Tea varieties and made to identify each.



ONE DAY IV

"Our third-year students embarked on an enlightening industrial visit to Milma's state-of-the-art dairy facility in Palakkad, gaining hands-on insights into the intricate milk manufacturing process, from pasteurization to packaging, and witnessing firsthand the company's commitment to quality, innovation, and sustainability in the dairy industry."



2ND YEAR STUDENTS NATIONAL CONFERENCE

Students from the Department of Food Technology, Hindusthan College of Engineering and Technology, Coimbatore, actively participated in the National Conference on Innovation, Entrepreneurship, and Start-up Opportunities in the Food & Dairy Sector (CONFAD-2024), held on 25th and 26th October 2024.

The prestigious conference was organized by the National Institute of Food Technology, Entrepreneurship and Management – Thanjavur (NIFTEM-T) in collaboration with the Indian Dairy Association (IDA), Tamil Nadu Chapter, with the objective of fostering innovation and promoting entrepreneurial ventures within the food and dairy industries.



DEPARTMENT OF COMPUTER SCIENCE

Webinar on Exploring Intellectual Property: A Gateway to Innovation Protection

Number of Participants: 18

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution
Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AGRI, AUTO, CIVIL, CSE, ECE, EEE, FT, IT, MECH, MCT, MBA & MCA)
Accredited with 'A++' Grade by NAAC.
Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING

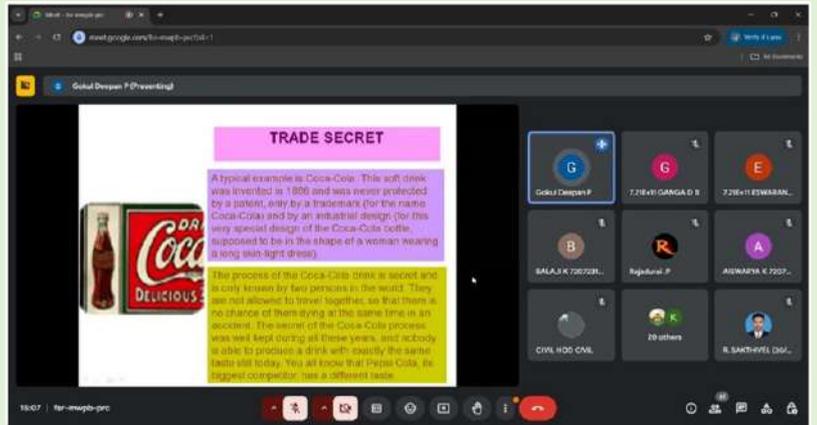
Organizes
IIC- SELF DRIVEN ACTIVITY
Webinar on
"Exploring Intellectual Property: A Gateway to Innovation Protection"

Resource Person
Mr. GOKULDEEPAN P
Assistant Professor
Department of Civil Engineering
EASA College of Engineering and Technology
Coimbatore

Date & Time
December 31, 2024 @ 2.30 PM

Google Meet:
<https://meet.google.com/fsr-mwpb-prc>

Co-ordinators: Mr. R. Sakthivel, Mr. R. Parthasarathi, Assistant Professor
Convenor: Dr. K. Akil, Professor and Head
Patron: Dr. J. Jaya, Principal



Seminar on Road Safety Awareness

Number of Participants: 19

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING
In association with
ACCE(I) STUDENT CHAPTER
Cordially Invites You for the Programme on
ROAD SAFETY AWARENESS

Resource Persons
Er. G. Manu Neethi
Divisional Engineer
Road Safety Wing, Highways Department
Coimbatore
Er. M. Gayathri
Assistant Engineer
Road Safety Wing, Highways Department
Coimbatore

29.01.2025, Wednesday at 10:00 AM
Venue: Kurinji Hall, HICET

Faculty Co-ordinator, ACES: Mr. A. Alex Livingston Raja, Assistant Professor
Faculty Co-ordinator, ACCE(I): Mr. K. Siddharth, Assistant Professor
Convenor: Dr. K. Akil, Professor & HoD
Patron: Dr. J. Jaya, Principal

Whether you drive, ride, or walk, let's all share the road safely.



EVENTS ORGANISED

Seminar on The Art of Concrete: Best Practices for Structural Excellence and Resilience
Number of Participants: 1

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by UGC/CAIE, New Delhi, Bar Council of India, Bar Council of India & NICEE
Affiliated with APJ Abdul Kalam Technical University, Lucknow
Coimbatore - 641 033

DEPARTMENT OF CIVIL ENGINEERING
in association with
INDIAN CONCRETE INSTITUTE
Coimbatore Centre

Organizes a One-Day National Seminar on
The Art of Concrete: Best Practices for Structural Excellence and Resilience

📍 Kurinji Hall HICET 📅 February 08, 2025 10.00 AM

RESOURCE PERSONS

 Dr. Jagadish Vengala Chairman, ICI, Hyderabad Centre Professor & Head, Civil Engineering PYMT, Vijayawada	 Dr. A. Sudhehar Chairman, AICTE, Coimbatore Centre Chief Executive, HIRIBRONS Coimbatore	 Dr. A. Rajesh Territorial Manager Urban Civil Contract, Infosys Bangalore	 Dr. M. P. Muthuraj Associate Professor & Head, Civil Engineering Coimbatore Institute of Technology Coimbatore
 A. Alex Livingston Raja Associate Professor	 Mr. K. Sidharth Assistant Professor	 Dr. K. Adil Professor & HOD	 Dr. J. Jaya Principal



Workshop on 3D Printing
Number of Participants: 19

Hindusthan
College of Engineering and Technology
An Autonomous Institution

DEPARTMENT OF CIVIL ENGINEERING
(DEA ACCREDITED UNDER TIER I CATEGORY)

in association with
ICI STUDENT CHAPTER
Organizes a
WORKSHOP ON 3-D PRINTING

RESOURCE PERSON

Mr. MUJIBURRAHMAN K
ASSISTANT PROFESSOR
DEPARTMENT OF AUTOMOBILE ENGINEERING

COORDINATORS
Mr. K. SIDHARTH
Mr. M. DINESH KUMAR
ASSISTANT PROFESSORS

CONVENOR
Dr. K. ADIL
HOD

PATRON
Dr. J. JAYA
PRINCIPAL

Date: 18.03.2025 to 20.03.2025 Time: 9:15 am to 4:30 pm Venue: IDEA Lab

📍 Valley Campus, Pollachi Highway Coimbatore - 641 032 📞 +91 80983 33333 +91 90470 10006 📧 info@hindusthan.net hicet.ac.in



EVENTS ORGANISED

Workshop on Tekla Structures

Number of Participants :



Hindusthan
College of Engineering and Technology
(An Autonomous Institution)

DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED UNDER TQM (GT0003))
in association with

ICI STUDENT CHAPTER & ACEE(I) STUDENT CHAPTER
Organizes a

WORKSHOP ON TEKLA STRUCTURES

RESOURCE PERSON



Er K DEVIDIRAN
CAD Engineer
CADD Technologies
Coimbatore

COORDINATORS
Mr K. SIDDHARTH
Mr M.DINESH KUMAR
ASSISTANT PROFESSORS

CONVENOR
Dr KAKIL
HOD

PATRON
Dr J JAYA
PRINCIPAL

Date: 25.03.2025 Time: 9.30 am Venue: IDEA Lab

Valley Campus, Pollachi Highway
Coimbatore - 641 032 +91 80983 33333 info@hindusthan.net
+91 90470 10006 hicet.ac.in



National Level Technical Symposium Renaissance'25

Number of Participants : 220



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai.
Accredited by MAAC with 'A++' Grade
Accredited by NBA (AEIO, ADRG, AUTO, BME, CIVIL, CSE, ECE, EEE, FI, IT, MESH, MGT, MBA & MCA)
Valley Campus, Pollachi Highway, Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING
ASSOCIATION OF CIVIL ENGINEERING STUDENTS (ACES)
Proudly Presents
RENAISSANCE '25
A National Level Technical Symposium
April 09, 2025

Paper Presentation - Poster Presentation - Quiz Masters
CADD Wars - Code Cracking - Short Film - Fun Events

Registration Fee: Rs.200/-

Student Coordinators
Mr. S. Balaji (IV Year)
88529 43290
Mr. S. Sukumaran (III Year)
90478 21890
Mr. P. Rajadurai (II Year)
63817 85051

Scan Here to Register



Win Exciting Cash Prizes

Faculty Coordinators
Mr. A. Alex Livingston
Assistant Professor
89408 92424
Mr. K. Siddharth
Assistant Professor
96777 00971

Convenor
Dr. K. Akil
Professor & Head

Patron
Dr. J. Jaya
Principal



FACULTY ACHIEVEMENTS



PAPER/ JOURNAL PUBLISHED

1

Dr. Dhayalan Vaithyanathan, Assistant Professor of Agricultural Engineering, co-authored and presented a research paper titled "**Spatio-Temporal variability of soil primary macro and micro nutrients - An empirical analysis on Anaimalai block, Coimbatore District, India**" in the SCI indexed journal *Journal of the Saudi Society of Agricultural Sciences*, along with other collaborators.

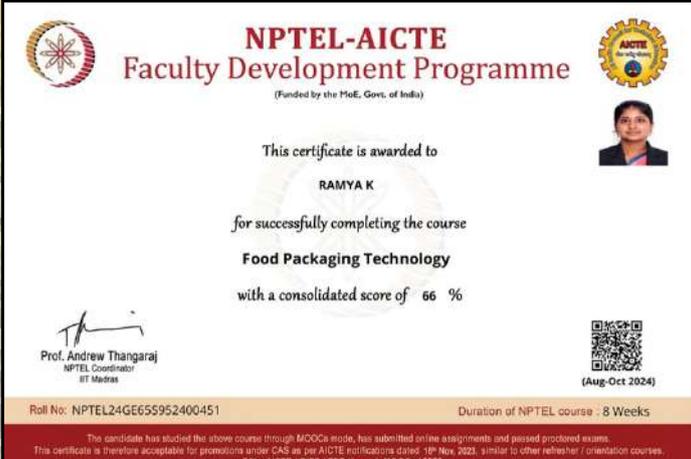


2

Dr.N.Sridhar & Dr.S.Dineshkumar, Associate Professor and Assistant Professor of Agricultural Engineering, in collaboration with other co-authors, presented a research paper titled "**Nivar cyclone-related urban flood vulnerability in Velachery municipality, Chennai**", published in the SCI indexed journal *Journal of Water Science*.



**NPTEL ONLINE
CERTIFICATION K.Ramya
has successfully
completed his course on
Food packaging and
preservation- score of
66%**



NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RAMYA K
for successfully completing the course
Food Packaging Technology
with a consolidated score of **66 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24GE655952400451 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 18th Nov, 2023, similar to other refresher / orientation courses.
File No. AICTE / RUP / FDP through MOOCs / 2023



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RAMYA K
for successfully completing the course
Food Packaging Technology
with a consolidated score of **66 %**

Online Assignments	18.33/25	Proctored Exam	47.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1058

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Aug-Oct 2024
(8 week course)

M. Vignesh
Prof. Vignesh Muthuvelu
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24GE655952400451 To verify this certificate No. of credits recommended: 2 or 3

EVENTS ORGANISED

The Future of landscape design trends and Innovations- "08.08.2024"

HINDUSTHAN
COLLEGE OF ENGINEERING & TECHNOLOGY
VALUKKUPARAL ROAD, THAMBAGOUNDENPALAYAM, COIMBATORE-641032

Department of Agricultural Engineering
In Association With
ENTREPRENEURSHIP DEVELOPMENT CELL
(IIC SELF DRIVEN ACTIVITY)
Organized Seminar On
The Future of Landscape Design Trends and Innovations

mySkills Academy

THURSDAY, AUGUST 8 TH
TIME : 10:30 AM TO 11:30 AM
VENUE : SAVITHRI HALL

Resource Person
Er. A. SRINITHI
Senior CAD Engineer,
mySkills Academy, Coimbatore.

Coordinator: Mr. M. Rajasekar, Asst. Prof.
Mr. K. Sangeetha, Asst. Prof.

Organizer: Dr. S. Sathya
Asst. Prof. S. Prasad

Patrons: Dr. A. Jeyan Prasad
Dr. K. Karthikeyan IAS



Visit to Incubation Centre Of Coconut Development Board at

Vanavarayar Institute of Agriculture , Pollachi,21.08.2024



Fareshers Day - "22.08.2024



HINDUSTHAN

College of Engineering and Technology Approved by AICTE, New Delhi,
Accredited with 'A' Grade by NAAC (An Autonomous Institution, Affiliated to Anna
University, Chennai Coimbatore - 641 032

DEPARTMENT OF AGRICULTURE ENGINEERING

IN ASSOCIATION WITH
VITHAI
(Student chapter of Agriculture Engineering)
ORGANIZES

Freshers day!

TRIFLER'S LIGHT

"COMING TOGETHER IS A BEGINNING.
KEEPING TOGETHER IS PROGRESS.
WORKING TOGETHER IS SUCCESS."

HEARTY WELCOME TO AGRICO'S



Date; 22.8.2024
place; kurinji hall
Time; 4:00pm

coordinator;
Dr.C.Rajaravi
Dr.S.Dineshkumar

Convener
Dr. N. Sridhar,
HoD/Agri. Engg.

Patrons
Dr. K. Karunakaran, CE
Dr. J. Jaya, Principal



Field Visit on “ KVK - Krishi Vigyan Kendra” 04.09.2024



Intra Department Sports Tournament -"04.10.2024



Hindusthan

College of Engineering and Technology
(An Autonomous Institution)

Department Of Agricultural Engineering

Organizes

Intra Department Sports Tournament



Events Of The Day

1. Cricket
2. Badminton
3. Athletics



Date

04.10.2023

Co-ordinators

Dr.C.Rajaravi
Dr.S.Dineshkumar

Convener

Dr. N. Sridhar, HoD/Agri.Engg

Principal

Dr. J . Jaya

CEO

Dr.K Karunakaran





National Level Technical Symposium

KORSHAN'24

“Perspectives of Agricultural Engineering Toward Sustainable Agriculture”



"Green Pilots Training for Agriculture & Farmer Welfare and Geospatial Technology for Agricultural Sector"

Hindusthan
College of Engineering & Technology
(An Autonomous Institution)
Valley campus, pollachi highway, Coimbatore-32

18 SEPTEMBER, 2024
TO
02 OCTOBER, 2024

09 - 05
AM PM

"Green Pilots Training for Agriculture & Farmer Welfare and Geospatial Technology for Agricultural Sector"

Department of Agricultural Engineering
In Association With Ocean Square
Providing Internship

Co-ordinators
Dr.V.Dhayalan , Asst . Prof
Ms.V.Sowmya, Asst . Prof

Convener
Dr. N.Sridhar
Assoc . Prof & Head

Patrons
Dr.J.Jaya ,Principal
Dr.K.Karunakaran,CEO



STUDENTS ACHIEVEMENTS

KGISL ALUMINI TROPHY



NATIONAL ADVENTURE CAMP

V.Naresh from B.Tech Agri department, Hicet ,Successfully completed ALL INDIA NCC TREKKING EXPEDITION-2024, KERALA TREK- II Conducted by 9 KERALA BN NCC, KOTTARAKKARA from 21.12.2024 to 28.12.2024.



Hindusthan
College of Engineering and Technology
(An Autonomous Institution)



nirf

NBA



Congratulations **F/C NARESH**

Congratulations to F/C Naresh
2TN AIR SQN NCC, Successfully
completed ALL INDIA NCC TREKKING
EXPEDITION-2024, KERALA TREK- II
Conducted by 9 KERALA BN NCC,
KOTTARAKKARA from
21.12.2024 to 28.12.2024.



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STUDENTS ACHIEVEMENTS



Team Hindusthan Trailblazers of Mechatronics Engineering participating in Electric Kart Competition Season 4 on 19/8/2024 Organized by AIMS at HiCET. Our Beloved CEO sir and Principal mam, motivated our students for their success.



VISHNU PRAKASH pursuing final year in EEE department has scored in GATE Exam 27.33 out of 100



vision for viksit bharaat (VIVIBHA) -2024 conducts A National level research paper writing competition II nd year student DINESH KUMAR S has participated in This Competition



HACKATHON 2024 were organized 3rd year students T SUGUMARAN ,V KALAI SELVAN ,R SARAN ,A SHAJU were participated on the topic of “SMART HELMAT”.



21 AUG 2024 Conducts a SEMINAR Topic of “ப ளா கழி மேலா த மய ரித அவச ய” YELLOW BAG Handover to the students joining with us CEO SIR , PRINCIPAL of HICET and FACULTY Members



AICTE -SMART INDIA HACKATHON 2024 Team Shortlisted For Grand Finale “LAHURIANS RESCUE” Students of 2nd Year EEE Students RUBIKA R & GURUPRASATH N Were Involved in This Event



ON 19th SEPTEMBER HICET ENERGY CLUB in Association with Department of Electrical & Electronics Engineering & Mechatronics Engineering organizes “IMPORTANCE OF ENERGY COSERVATION AND AWARENESS ON ENERGY AUDIT”



YUKTHI 2024 were organized 3rd year students T SUGUMARAN ,V KALAI SELVAN ,R SARAN ,A SHAJU were participated on the topic of “SMART HELMAT”.



SUGUMARAN T 26.09.2024 Paticipating in Paper presentation in topic of “IOT Based Automated HVAC Control System”at KSR College of Engineering



AICTE -SMART INDIA HACKATHON 2024 Team Shortlisted For Grand Finale “ECO VORTEX ” Students of 2nd Year EEE Students CHANDRU R, AKSHAYA SRUTHI & SWEETY E Were Involved in This Event



Achievements



ON 05-10-2024 EEE Department Conducts An Cricket Tournament at HICET ground Faculty and Students were participated and **III rd Year EEE** Students won a first price DEAN Sir and PRINCIPAL Were participated in the prize distribution ceremony



Kongunadu Institution Conducted a Alumni Trophies Team HINDUSTHAN won A First prize our student **Mohammed Thoufeek III yr** EEE were Participated



On 08/10/2024 our volley ball team **Jeyachandhar, Sanjai, Mahendra Kumar** were participated in **Chief Minister TROPHY** meet at karpagam university in coimbatore .



On 11-09-2024 **KGISL Trophy** Conducted a Volley Ball Tournament by KGISL Institute of technology our **3rd year** students **Jeyachandhar, Sanjai, Mahendra Kumar** were participated in this event



Bharat Solar Vehicle Challenge Held on (18.10.2024 to 24.10.2024) at Kumaraguru College of Engineering & Technology and Kari Motors speed way
V KALAI SELVAN III -EEE
R SARAN III-EEE
S MUTHU KUMAR III-EEE
M E KAZANDHRAN III-EEE
V SIVA PRIYA III-EEE
A SHAJU III-EEE Were won the Over All Championship & cash prizes



AIMS - E KART Held on (19.08.2024 to 22.08.2024) AT HINDUSTHAN COLLEGE OF ENGG & TECH And COASTT HIGH PERFORMANCE CENTRE
S JAYA PRASANTH III-EEE
V KALAI SELVAN III -EEE
R SARAN III-EEE
S MUTHU KUMAR III-EEE
M E KAZANDHRAN III-EEE
Were participated and Runner up



NCC 'B' Certificate Exam Results **CDT Kadiravan & CDT Akash Kumar** from 3rd Year EEE 2(TN) ARTILLERY BATTERY NCC 'A' Grade



Our HICET 2 (TN) Artillery Battery NCC Cadet **Akash- III yr EEE** Successfully Completed the Ek Bharat Shreshtha Bharat Camp 1 was held at Airforce Station Tambaram HQ NCC DTE (TN, P & AN) Chennai From 12 Aug To 23 Aug 2024.



Glimpses of Patriotic Run for 25th Kargil Vijay Diwas to Honour our jawans by our HICET NCC Cadets **CDT Kadiravan & CDT Akash Kumar**

SEMINAR

▶▶▶▶ **Prof.Muthuram G Dept of EEE HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY “Solar Powered Medical Robo For Physical Challenged Persons”** Team of Students Dinesh kumar S,Harikrishna SS, Naveen R,Sabarishwar v,were Participated in this Project.

▶▶▶▶ DEPARTMENT OF EEE & MCT In Association with HICET ENERGY CLUB Organizes a seminar on **“IMPORTANCE OF ENERGY CONSERVATION AND AWARENESS ON ENERGY AUDIT”** Were explained by Dr.MATHESHWARAN ALAGU Indian Patent Attorney NIPOM IP Professional,Start up facilltator,Energy Audit & solar PV Professional

▶▶▶▶ Dr. K. SEKAR of department of EEE HICET has participated in two day national level workshop on topic of **“PUBLIC FINANCIAL MANAGEMENT (PFMS) EAT MODULE WITH SPECIAL REFERENCE to TSA,SNA and CNA** Organized by Finance Department of Hindusthan Educational Institutions coimbatore held on 05.08.2024 & 06.08.2024

▶▶▶▶ ON 19th SEPTEMBER HICET ENERGY CLUB in Association with Department of Electical & Electronics Engineering & Mechatronics Engineering organizes **“IMPORTANCE OF ENERGY COSERVATION AND AWARENESS ON ENERGY AUDIT”**

▶▶▶▶ Work Shop On **“EMBEDDED CONTROLLERS & IoT”** were Conducted By The Dept of Electreical And Electronics Engineering Third year and Second year students were participated in his Work Shop 25.10.2024&26.10.2024

▶▶▶▶ DEPARTMENT OF EEE & EIE In Association with IE-STUDENTS CHAPTER Organizes a seminar on **“FUTURE OF WORK :HUMAN OR AI ?** Were explained by SATHISH BALASUBRAMANIYAM mathworks india pvt ltd BANGLOREON 03.10.2024

▶▶▶▶

HINDUSTHAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

ABOUT THE DEPARTMENT

VISION OF THE DEPARTMENT

To manifest itself as a valuable global resource for industry and society with strong foundation. Abetting the students with innovative ethical and creative talents of endeavoring young professionals in Electrical and Electronics Engineering

DM1: Educate the students to acquire knowledge in recent advancement of Electrical and Electronics Engineering and prepare the students for professional career and higher studies.

DM2: Inculcate the students to develop innovation for the societal needs through research oriented teaching and creative skill enhancement training. DM3: Enunciate the students with better skills to meet the challenges of the technical world and intensify the skills

MISSION OF THE DEPARTMENT

PROGRAM EDUCATIONAL OBJECTIVES-PEOs

PEO 1: Graduate will be able to execute the principles of basic science, mathematics and engineering fundamentals necessary to formulate, solve and analyze engineering problems.

PEO 2: Graduate will be able to accrete the knowledge for pursuing advanced degrees in Engineering, Science, Management, Research and Development.

PEO 3: Graduate will be able to effectuate professionalism, leadership qualities, self and continuous learning and concern for environment to meet the societal needs.

PROGRAM SPECIFIC OUTCOMES-PSOs

PSO1: Graduates will acquire the knowledge of design, performance & testing of static & dynamic Electrical Machines, Electrical Drives, Power Electronics applicable in core and related fields.

PSO2: Graduates will attain knowledge and acquire skills by applying modern software tools for design, simulation and analysis of Electrical Systems to successfully adapt in multi-disciplinary environments.

INTERNAL CIRCULATION ONLY

STUDENTS
FACULTY
NOTICE BOARD
DEPARTMENT LIBRARY
COLLEGE LIBRARY
COLLEGE WEBSITE
BUS MEMBERS
FILES
ETC.,



FEEDBACK DETAILS

VISIT : hicet.ac.in



SEND YOUR FEEDBACK TO

eeenewsletter.hicet@hicet.ac.in

FACULTY ACHIEVEMENTS

S.No	Name of the principal Investigator & CO-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)
1.	Dr.K.Siva Professor	Bharath Cycle Design Challenge	AICTE	0.40 Lakhs
2.	Dr.Y.Ras Mathew, Associate Professor			
3.	Dr.K.Siva Professor	Tomato Grand Challenge	AICTE	1 Lakhs
4.	Dr.Y.Ras Mathew, Associate Professor			
5.	Dr.K.Siva Professor	"Vertical axis wind turbine with flapping Mechanism".	Mentor for MSME Funded Project	14 Lakhs
6.	Dr.Y.Ras Mathew, Associate Professor Dr.Y.Ras Mathew, Associate Professor		Received MSME Funded Project	
7.	Associate Professor	Smart Coconut Harvester	Mentor for MSME Funded Project	12.5 Lakhs

PATENT DETAILS

S.No	Name of the Author(s)	Title	Application No. / Patent No.	Status (Filled /Published/Granted)
1	Dr.K.Siva Dr.Y.Ras Mathew	Vertical Axis Wind Turbine For Wind Energy Based Power Generators	2022410139 93	Granted
2	Dr.K.Siva Dr.Y.Ras Mathew	FIRE SPRINKLER	202141049995 A	Granted
3	Dr.C.Nithyanandam	Solar Air Car Purifier	355142- 001	Granted
4	Dr.L.Karthick.	Automatic adjustable seed sowing Machine	367588- 001	Granted

PROGRAMMES CONDUCTED

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COLLEGE OF ENGINEERING AND TECHNOLOGY
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Affiliated to Anna University, Chennai, Accredited by NAAC with 'A++' Grade
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH,
MCT, AGRI, FOOD, MBA, MCA)

VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE - 641 032

**DEPARTMENT OF MECHANICAL
ENGINEERING**

Organize a Webinar On
**Role of hydrogen in Future Energy Sector &
Career Opportunities in Germany**



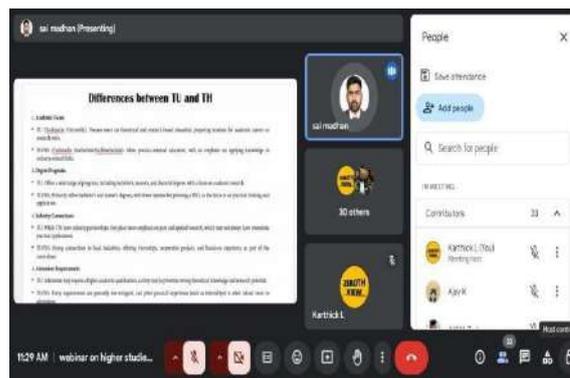
Resource Person
Mr. Saimathan
Rosenheim University of Applied Sciences
Germany

Co-ordinator
Dr.P.Jeyalakshmi
Professor
Dr. L. Karthick
Assistant Professor
Mechanical Engineering, HICET

Convenor
Dr. K. Siva
Dean IIS,
Professor and Head
Mechanical Engineering, HICET

Patrons
Dr. J. Jaya
Principal
HICET
&
Dr. K. Karunakaran
Chief Executive Officer
Hindusthan Institutions

10.10.2024 at 10.30 AM to 12 PM
meet.google.com/inn-zqdq-jtj



Webinar on "Role of hydrogen in Future Energy Sector & Career Opportunities in Germany"
Resource Person Mr.Sai Mathan
Rosenheim University of Applied Science, Germany Date : 10/10/2024



STUDENT ACHIEVEMENTS

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
1.	T N SDC	IV MECH	Two stage cascade heat pump in high temperature	Y	10000
2.	HICET (Research Seed Money)	IV MECH	Heat Pump assisted desalination system	Y	160000
3.	BIS	IV MECH	Youth to Youth Connect Campaign	Y	30000

Efficycle



Hindusthan College of Engineering and Technology (Coimbatore) students looking cheerful with their vehicle securing Overall champion for the "Efficycle 2024" competition held at Punjab.

Event	SAE EFFICYCLE 2022
Team Name	HINDUSTHANI LAHURIANS 10.1
Date	November Jan 24, 2024
Venue	Lovely Professional University, Jalandhar, Punjab.
Achievement	Overall Dynamic First position, Best Business Plan, Best Innovation, Overall Championship in Efficycle 2024
All Indian Rank	all over India in 1 st rank with a score of 1313 points.







Hindusthan College of Engineering and Technology (Coimbatore) students looking cheerful with their vehicle securing Overall champion for the "Efficycle 2024" competition held at Punjab.

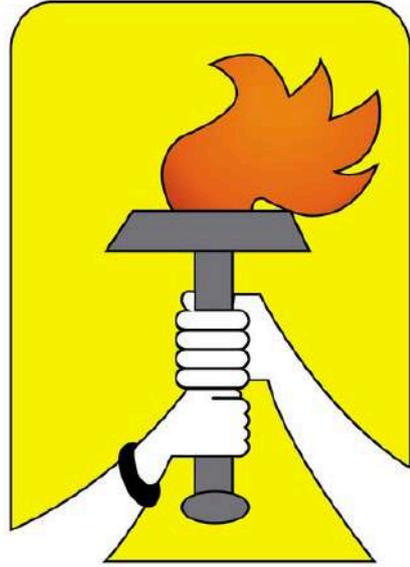
Event	SAE EFFICYCLE 2024
Team Name	HINDUSTHANI LAHURIANS 10.2
Date	November Jan 24, 2024
Venue	Lovely Professional University, Jalandhar, Punjab.
Achievement	Overall Dynamic First position, Overall Championship in Efficycle 2024
All Indian Rank	all over India in 1 st rank with a score of 1313 points.



Date	29-02-2024
Venue	Manipal Institute of Technology, Udupi
Achievement	Best Build Quality Rusk in dust 1st Overall Third hovering and drag 1st
All Indian Rank	3 rd rank all over India with Three award



**HINDUSTHAN
EDUCATIONAL AND**



CHARITABLE TRUST

HICET

**Valley Campus, Pollachi Highway,
Coimbatore - 641 032,
TamilNadu, INDIA.**

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