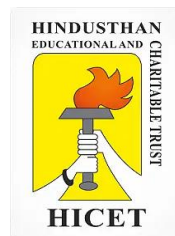




Times Higher Education **Impact Rankings**



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

Valley Campus, Pollachi Highway, Coimbatore 641 032, Tamil Nadu, India | www.hicet.ac.in



UN SDG 17

PARTNERSHIPS FOR THE GOALS

17.2 RELATIONSHIPS TO SUPPORT THE GOALS

17.2.1 Does your university have direct involvement in, or input into, national government or regional nongovernment organisations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management?

No.

17.2.2 Does your university as a body initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government/NGOs?

Yes. Hindusthan College of Engineering and Technology (HiCET) takes an active role in starting and supporting cross-sectoral dialogue on the Sustainable Development Goals. The college regularly brings together people from academia, industry, government agencies and community organisations through various meetings, workshops and academic discussions. These activities help different groups share knowledge on sustainability issues, responsible practices and practical solutions. HiCET also encourages multidisciplinary learning and research that support SDG themes, creating opportunities for collaboration and joint problem-solving. By providing platforms for open communication and partnerships, the institution strengthens its contribution to sustainable development. Through these continuous efforts, HiCET ensures that a wide range of stakeholders work together in addressing challenges linked to the SDGs in a meaningful and coordinated manner.

SAMPLE EVIDENCES

(a) Second International Conference on Sustainable Computing and Smart Systems

The institution hosted the ICSCSS 2024 (2nd International Conference on Sustainable Computing and Smart Systems) from 10.07.2024 to 12.07.2024 at its Valley Campus, Coimbatore. This IEEE-sponsored international conference provided a platform for sustainable-computing researchers, industry experts, and professionals facilitating global knowledge exchange on sustainable technologies.



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ICSCSS
2ND INTERNATIONAL CONFERENCE ON
SUSTAINABLE COMPUTING
AND SMART SYSTEMS
(ICSCSS 2024)
10-12, JULY | COIMBATORE, INDIA

Chief Patrons
Shri. T. S. R. Khannaiyann
Chairman, Hindusthan College of Engineering and Technology, Coimbatore, India
Smt. T. R. K. Sarasuwathi
Secretary, Hindusthan College of Engineering and Technology, Coimbatore, India
Dr. K. Priya
Executive Secretary, Hindusthan College of Engineering and Technology, Coimbatore, India

Patron
Dr. K. Karunakaran
CEO, Hindusthan College of Engineering and Technology, Coimbatore, India

General Chairs
Dr. J. Jaya
Principal, Hindusthan College of Engineering and Technology, Coimbatore, India
Dr. K. Porkumaran
Chairman, IEEE Madras Section & Principal, Sri Sairam Engineering College, India

Keynote Speakers
Dr. D. Nirmal
IEEE EkeCom Member, Madras Section and IEEE ED Chair, Professor and Head of the Department, Department of ECE, Karunya Institute of Technology and Sciences, Coimbatore, India.
Dr. Andry Sedelnikov
Department of Space Engineering, Samara National Research University, Russia
Dr. Vikram Singh
Department of Computer Engineering, National Institute of Technology, Kurukshetra, Haryana, India.

IMPORTANT DATES
• Final Paper Submission Deadline: 31 May, 2024
• Registration Deadline: 31 May, 2024
• Conference Date: 10-12 July, 2024

CONTACT
The Conference Chair,
International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024) Hindusthan College of Engineering and Technology, Coimbatore - 641 032, Tamil Nadu, India
✉ icscss.conf@gmail.com ☎ +91-9790172385

Brochure of the IEEE-Sponsored Second International Conference on Sustainable Computing and Smart Systems



Photograph of the IEEE-Sponsored Second International Conference on Sustainable Computing and Smart Systems

(b) Fourth National Conference on Green Mechatronics System

The institution organized the 4th National Conference on Green Mechatronics System (NCGREEMS 2024) on 24.10.2024 and 25.10.2024, in hybrid (online/offline) mode. This national-level conference aimed to share cutting-edge research and innovations in sustainable mechatronics among academia, industry and relevant stakeholders.

ABOUT THE INSTITUTION Hindusthan College of Engineering and Technology (HICET), is an autonomous institution approved by AICTE, and is affiliated to the Anna University, Chennai. The Institution was established in the year 2000. HICET is one of frontline autonomous technical institution imparting quality technical education and is NBA accredited with ISO 9001: 2015 certified and NAAC certified with "A++" grade. The Hindusthan Educational and Charitable Trust known for its vision, dynamism and philanthropy are run under the eminent and praiseworthy leadership of Shri.T.S.R.Khannaiyann, <i>Chairman</i> , Smt.T.R.K. Sarasuwathi, <i>Secretary</i> , Dr. K.Priya, <i>Executive Secretary</i> . HICET is currently offering 15 UG and 7 PG Programmes in Engineering, Technology and Applied Sciences.	Chief Patrons Smt.T.R.K. Sarasuwathi Managing Trustee Dr.K.Priya Executive Trustee & Secretary Patrons Dr.K.Karunakaran CEO Dr. J. Jaya Principal Convener Dr.P.T.Saravanakumar Professor and Head Department of Mechatronics Engineering	  4th NATIONAL CONFERENCE ON "GREEN MECHATRONICS SYSTEM" (NCGREEMS'24) HYBRID (ONLINE / OFFLINE) MODE 24th & 25th October 2024 Organized by DEPARTMENT OF MECHATRONICS ENGINEERING Hindusthan College of Engineering and Technology (An Autonomous Institution) Affiliated To Anna University, Chennai Approved by AICTE, New Delhi & Accredited by NAAC with "A++" Grade An ISO certified Institution & Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS) Valley Campus, Pollachi Highways, Coimbatore, Tamil nadu. Pincode-641032 						
ABOUT THE DEPARTMENT The Department of Mechatronics Engineering stands at the forefront of interdisciplinary innovation, merging mechanical engineering, electronics, computer science, and control engineering to design and develop cutting-edge systems and solutions. This dynamic department offers a robust curriculum that emphasizes both theoretical knowledge and practical application, equipping students with the skills necessary to excel in areas such as robotics, automation, and smart systems. With state-of-the-art laboratories and a strong focus on research and development, the department fosters an environment of creativity and problem-solving. The department's commitment to excellence and industry collaboration ensures that graduates are well-prepared to lead and innovate in the field of mechatronics.	Coordinator Mr.M.Karthikeyan Assistant Professor Department of Mechatronics Engineering Mobile Number: 8525800425 Mr.M.Kumaresan Assistant Professor Department of Mechatronics Engineering Mobile Number: 9500541337 For further enquiries and communication, Student coordinator: Mr.Arokiya Justin (II MCT) Mobile Number:8607636304 Department of Mechatronics Engineering Hindusthan College of Engineering & Technology Coimbatore-641032							
DEPARTMENT VISION & MISSION VISION To excel in Mechatronics engineering by imparting technical knowledge, innovation skills and ethics to fulfill the global needs with human values MISSION To impart sound technical knowledge and produce highly proficient professionals in the mechatronics engineering domain. To empower students with strong competency skills to solve multi-disciplinary engineering problems using mechatronics approach. To inculcate human values and ethical responsibility to the students for social welfare.	OUTCOMES OF THE CONFERENCE The National Conference on Green Mechatronics Systems is expected to yield significant outcomes that will advance the field of sustainable technology. Participants will leave with enhanced knowledge and insights into the latest research and innovations in green mechatronics, fostering a deeper understanding of sustainable design principles and practices. Furthermore, the identification of key challenges and potential solutions will contribute to ongoing discussions around sustainability in mechatronics. Overall, the conference aims to create a lasting impact on the development and adoption of eco-friendly technologies, ultimately supporting a more sustainable future.	REGISTRATION REGISTRATION LINK: https://forms.gle/5jBPH88FXTa3nIWv9 Send your banners to: ncgreems2k24@gmail.com						
OBJECTIVE OF THE CONFERENCE The primary objectives of the National Conference on Green Mechatronics Systems are to promote knowledge exchange and facilitate the sharing of cutting-edge research and innovations in sustainable mechatronics among academia, industry, and government. The conference aims to encourage collaboration between researchers, industry professionals, and students to drive advancements in green technologies. By identifying and addressing the challenges of integrating sustainability into mechatronics, the event will provide a platform for open dialogue and problem-solving. Finally, the conference seeks to inspire future generations by engaging students and early-career professionals, offering them insights and networking opportunities with leading experts in the field. Through these objectives, the conference aims to contribute to the advancement of sustainable technologies and practices in mechatronics, supporting a more environmentally friendly future.	TECHNICAL COMMITTEE MEMBERS Dr.A.Arokiyaraj,Professor /Applied Mechanics/IIT Madras Dr. Rajenthirakumar D. Professor/Mech/PSG Tech Dr. A. Murugarajan,Professor and Head/R&A/SREC Dr. B. Paulchamy,Professor and Head/ECE/HIT Dr.T.Venugopal,Professor and Head/Mech/KGISL Dr.T.Vandarkuzhali,Professor/MCT/HICET Dr.Pradeep Johnson,ASP/MCT/HICET Dr.R.Madhusudhanan,ASP/MCT/HICET Dr.M.ArunKumar,ASP/MCT/HICET Dr.S.Satheeshkumar,AP/ MCT/HICET	GUIDELINES For Online Mode: UG Students: Rs.300 - per person PG Students & Research Scholars : Rs.500 - per person Industrial Participant: Rs.1000 - per person E Certificate will be provided to the Participants For Offline Mode: UG Students: Rs.750 - per person PG Students & Research Scholars : Rs.1000 - per person Industrial Participant: Rs.1500 - per person Proceedings, Certificate, lunch and Refreshment will be provided. For Payment: Payment can be done by Online Mode only GPay Numbers:8525800425, 9500541337. Payment can be done after Receiving Intimation of Selection through Mail. Publication fee: <table border="1"> <thead> <tr> <th>Category</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Conference Proceedings with ISBN- Scopus Indexed journal -</td> <td>No Fee</td> </tr> <tr> <td>with Additional fee</td> <td></td> </tr> </tbody> </table> All accepted papers will be published in Conference Proceedings with ISBN number and selected Peer-reviewed papers will be published in Scopus indexed Journal.	Category	Fee	Conference Proceedings with ISBN- Scopus Indexed journal -	No Fee	with Additional fee	
Category	Fee							
Conference Proceedings with ISBN- Scopus Indexed journal -	No Fee							
with Additional fee								
	Call for Papers Artificial Intelligence Autonomous Vehicles Energy Engineering and Alternate Fuels Factory Automation Green Energy and Green Power Home Automation Industrial Controllers/PLC /SCADA /HMI/VFD Internet of Things and its Applications Machine Learning Product Design and Development Robotics Automation and Control Renewable Energy and its Applications Sensors and Transducers Smart Sensors and Mobile Computing All other Emerging areas related to Mechatronics	SCHEDULED DATES Abstract submission Last date : 18.10.2024 Intimation of selection : 20.10.2024 Payment last date : 22.10.2024						

Brochure of the Fourth National Conference on Green Mechatronics Systems

17.2.3 Does your university as a body participate in international collaboration on gathering or measuring data for the SDGs?

Yes. Hindusthan College of Engineering and Technology participates in international collaboration that supports the gathering and measurement of data related to the Sustainable Development Goals. The institution engages with global academic networks, professional bodies and research groups to exchange information, strengthen data-driven studies and develop methods that align with internationally accepted SDG indicators. Faculty and students contribute to joint research projects, comparative studies and knowledge-sharing activities that involve data collection, analysis and reporting on themes such as sustainability, climate action, clean energy and responsible consumption. HiCET also uses collaborative platforms and digital tools that enable the sharing of research outputs with international partners. Through these efforts, the institution helps advance reliable and transparent data practices that support global progress tracking of the SDGs and promote evidence-based decision-making.

SAMPLE EVIDENCES

Global Immersion Programme (GIP) 2024

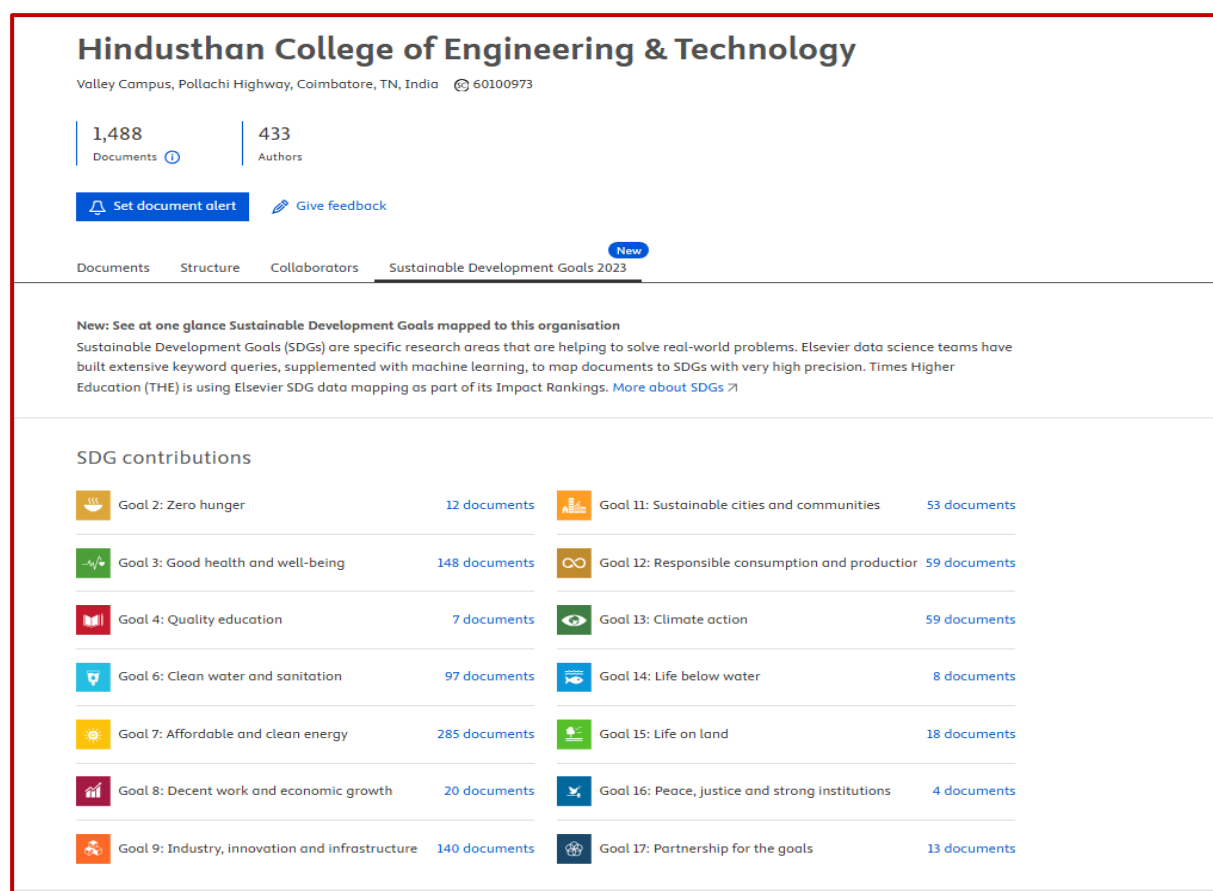
The Global Immersion Programme (GIP) organized by HiCET's Department of Management Sciences strengthened international collaborations and promoted sustainable learning. Through the institution's active MoUs with Taylor's University, Cyber Jaya; TVET Knowledge Skills Business School, Kuala Lumpur; and AMSET University, Penang, the 2024 GIP was held from 09.01.2024 to 11.01.2024, with 33 students visiting Malaysia for academic and cultural engagement. Participants explored global economic systems, trade practices, regional politics, and cultural diversity, enhancing understanding of sustainability by examining how economic, social, and policy factors influence long-term growth and responsible global citizenship. Interactions with international faculty and organizational representatives offered insights into ethical business conduct, inclusive leadership, and sustainable operational practices. Largely student-driven, the program fostered planning, teamwork, and informed decision-making. Through these initiatives, HiCET strengthened global awareness and its commitment to sustainability-focused, internationally aligned academic engagement.



Photograph of the Global Immersion Programme 2024 at Kuala Lumpur, Malaysia

17.2.4 Does your university as a body, through international collaboration and research, review comparative approaches and develop international best practice on tackling the SDGs?

Yes. The institution actively carries out international research collaborations to review comparative approaches and develop best practices for addressing the Sustainable Development Goals. Through joint studies, faculty and researchers worked with global partner institutions to examine sustainability challenges, share research methods, and compare data across regions. These collaborations supported the development of evidence-based solutions related to climate action, sustainable management of resources, social development, and responsible industrial practices. By engaging in co-authored publications, knowledge exchange sessions, and research-based academic activities, the institution has strengthened its capacity to analyse global sustainability trends and adopt successful international practices. This research-driven approach helped the institution contribute to global SDG progress.



Scopus Indexed Research Publications addressing real-world problems aligning with UN SDGs.

17.2.5 Does your university as a body collaborate with NGOs to tackle the SDGs through:

Yes. The institution collaborates with various NGOs to support activities related to the Sustainable Development Goals. Through these partnerships, faculty and students engage with organisations working in environmental protection, community development, public health, and education. Joint programs such as awareness campaigns, capacity-building workshops, field studies, and community outreach address issues like climate action, waste management, clean water, and social welfare. NGO professionals share practical knowledge and real-world experience, helping participants understand current sustainability challenges and effective community-based solutions. These collaborations strengthen the institution's commitment to responsible societal engagement and continuous support for SDG-focused initiatives.

SAMPLE EVIDENCES

(a) Swachhata Hi Seva 2024

The NSS Unit of HiCET and the Department of Mechanical Engineering conducted the Swachhata Hi Seva 2024 campaign on 02.10.2024 to promote cleanliness and hygiene on campus and in nearby areas. Volunteers cleaned classrooms, corridors, and gardens and spread awareness on reducing waste and maintaining clean surroundings to support a healthier environment.

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University, Chennai
VALLEY CAMPUS, POLLACHI HIGHWAY
COIMBATORE-32

Sept 28

**National Service Scheme
&
Dept Of Mechanical**

SWACHHATA HI SEVA 2024
Swabhav Swachhata, Sanskaar Swachhats
MY Bharat

NATIONAL SERVICE SCHEME
Deptt. of Youth Affairs, Ministry of Youth Affairs and Sports, Govt. of India

SWACHHATA HI SEVA 2024
17th Sept – 02nd Oct 2024

Swabhav Swachhata, Sanskaar Swachhata
MY Bharat
HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
Valley campus, Pollachi Highway, othakalmandapam, Coimbatore 641032

Covenor

Student Coordinators
Dhivakar D

Mr.N.Prasanna Venkatesan ,AP/MECH
NSS Program officer

Principal
Dr.Jaya

CEO
Dr.Karunakaran

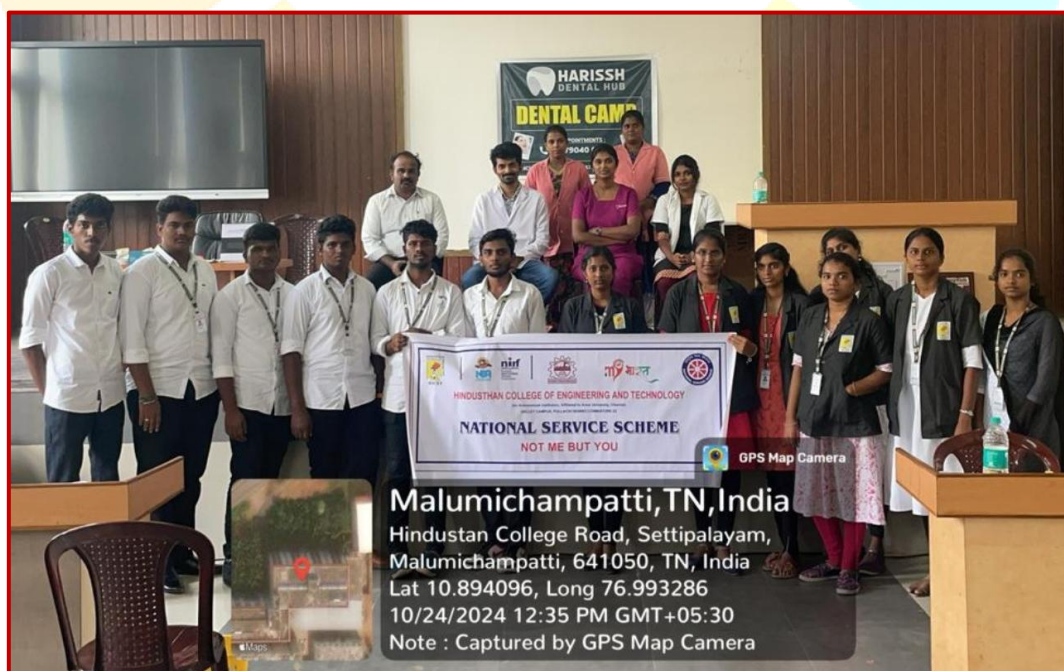
Brochure of Swachhata Hi Seva



Photograph of Swachhata Hi Seva

(b) Free Dental Camp

The NSS Unit of HiCET organised a Free Dental Camp in association with M/s. Harish Dental Hub on 24.10.2024 for students and teachers, offering free dental check-ups, oral health assessments, and guidance on maintaining proper dental hygiene. The programme helped participants understand the importance of preventive care and encouraged healthy dental habits.



Photograph of Free Dental Camp

17.3 PUBLICATION OF SDG REPORTS

17.3.1 - Please indicate if your university publishes progress against SDG1

No

17.3.2 - Please indicate if your university publishes progress against SDG2

No

17.3.3 - Please indicate if your university publishes progress against SDG3

No

17.3.4 - Please indicate if your university publishes progress against SDG4

No

17.3.5 - Please indicate if your university publishes progress against SDG5

No

17.3.6 - Please indicate if your university publishes progress against SDG6

Yes

17.3.7 - Please indicate if your university publishes progress against SDG7

No

17.3.8 - Please indicate if your university publishes progress against SDG8

No

17.3.9 - Please indicate if your university publishes progress against SDG9

Yes

17.3.10 - Please indicate if your university publishes progress against SDG10

No

17.3.11 - Please indicate if your university publishes progress against SDG11

No

17.3.12 - Please indicate if your university publishes progress against SDG12

No

17.3.13 - Please indicate if your university publishes progress against SDG13

Yes

17.3.14 - Please indicate if your university publishes progress against SDG14

No

17.3.15 - Please indicate if your university publishes progress against SDG15

No

17.3.16 - Please indicate if your university publishes progress against SDG16

No

17.3.17 - Please indicate if your university publishes progress against SDG17

Yes

17.4 EDUCATION FOR THE SDGS**17.4.1 - Does your university as a body have a commitment to meaningful education around the SDGs across the university that is relevant and applicable to all students?**

Yes. The institution is committed to providing meaningful education related to the Sustainable Development Goals (SDGs) for all students. Key areas such as environmental protection, climate action, responsible use of resources, clean energy, social well-being, and ethical practices are included in the curriculum through common mandatory and elective courses. Students also gain practical exposure through projects, workshops, awareness programs, internships and community service activities conducted in collaboration with government and NGOs. These initiatives ensure that every student, regardless of their programme, understands the importance of sustainability and is able to apply SDG principles in their professional and personal life. The institution continuously works to build a responsible and globally conscious student community that contributes to sustainable development.

17.4.2 - Does your university as a body have dedicated courses (full degrees, or electives) that address sustainability and the SDGs?

Yes. The institution offers dedicated courses that address sustainability and the Sustainable Development Goals (SDGs) across the curriculum. Sustainability principles are integrated into mandatory engineering science and professional core courses to ensure that every student gains knowledge related to environmental protection, ethical engineering practices, and sustainable technological development. Additionally, a wide range of optional courses from professional electives, open electives, honours degree verticals, and minor degree verticals provide deeper learning opportunities in areas including climate change, renewable energy, environmental protection, industrial safety, green technologies, sustainable materials, community development, etc. These academic provisions ensure that students from all disciplines acquire the competencies required to contribute to global sustainability initiatives and support national development priorities aligned with the SDGs.

List of Courses offered across various disciplines with relevant SDGs

S.No.	Course Category	Course Code and Name	Relevant SDGs
1.	Minor Degree in Environment and Sustainability	22CE5472 Sustainable Infrastructure Development	SDG 9, 11, 13
2.	Minor Degree in Environment and Sustainability	22CE6473 Sustainable Agriculture and Environmental Management	SDG 2, 11, 13
3.	Minor Degree in Environment and Sustainability	22CE6474 Sustainable Biomaterials	SDG 12
4.	Minor Degree in Environment and Sustainability	22CE7473 Materials for Energy Sustainability	SDG 7, 12
5.	Minor Degree in Environment and Sustainability	22CE7474 Green Technology	SDG 9, 12, 13
6.	Minor Degree in Environment and Sustainability	22CE8473 Environmental Quality Monitoring and Analysis	SDG 6, 11, 13
7.	Minor Degree in Environment and Sustainability	22CE8474 Integrated Energy Planning for Sustainable Development	SDG 7, 11, 12, 13
8.	Honour Degree Course	22AG7374 Agrivoltaics Technology	SDG 2, 7, 13
9.	Honour Degree Course	22AG6373 Water Resources System Engineering	SDG 6, 12
10.	Honour Degree Course	22AG5374 Solar Radiation and Measurements	SDG 7, 13

S.No.	Course Category	Course Code and Name	Relevant SDGs
11.	Open Elective Course	22MT6402 Industrial Safety and Environment	SDG 3, 11, 12
12.	Open Elective Course	22CE6401 Climate Change, Its Impact and Mitigation	SDG 13
13.	Open Elective Course	22CE6402 Environment and Social Impact Assessment	SDG 11, 12, 13
14.	Open Elective Course	22ME6401 Renewable Energy Systems	SDG 7, 12, 13
15.	Open Elective Course	22AG6401 Urban Agriculture and Organic Farming	SDG 2, 12
16.	Open Elective Course	22CH6401 Waste to Energy Conversion	SDG 7, 12, 13
17.	Open Elective Course	22CH6401 Biomass and Biorefinery	SDG 7, 12
18.	Life Skill Course	22LS7402 Human Rights, Women Rights & Gender Equity	SDG 5
19.	Life Skill Course	22LS7411 Social Services & Community Development	SDG 11, 16
20.	Mandatory Course	22HE1071 Universal Human Values	SDG 4, 16
21.	Mandatory Course	22MC1092 Indian Constitution / Tamil Culture MC (ethics & social justice)	SDG 16
22.	Engineering Science Course	22CY2101 Environmental Studies	SDG 6, 11, 12, 13, 15
23.	Professional Elective Course	22AG2252 Principles & Practices of Crop Production	SDG 2, 12
24.	Professional Elective Course	22AG7302 Irrigation Water Quality & Wastewater Management	SDG 6, 12
25.	Professional Elective Course	22AG7303 Energy Audit	SDG 7, 12, 13
26.	Professional Elective Course	22AG6305 Solar & Wind Energy Systems	SDG 7, 13
27.	Professional Elective Course	22AG6306 Biochemical & Thermochemical Conversion of Biomass	SDG 7, 12, 13
28.	Professional Elective Course	22AG7305 Design & Maintenance of Greenhouse	SDG 2, 12, 13
29.	Professional Elective Course	22AG6310 Applications for RS & GIS for Resource Management	SDG 11, 13, 15
30.	Professional Elective Course	22AU5303 Renewable Energy and Emission Control Technology for Off-Road Vehicles	SDG 7, 9, 13
31.	Professional Elective Course	22AU5313 Bioenergy Conversion Technologies	SDG 7, 12
32.	Professional Elective Course	22AU5314 Solar Thermal Technology	SDG 7, 13
33.	Professional Elective Course	22AU5315 Energy Conservation in Industries	SDG 7, 9, 12

S.No.	Course Category	Course Code and Name	Relevant SDGs
34.	Professional Elective Course	22AU5318 Alternate Fuels and Energy Systems	SDG 7, 13
35.	Professional Elective Course	22AU6307 Green Manufacturing Design and Practices	SDG 9, 12
36.	Professional Elective Course	22AU6308 Environment Sustainability and Impact Assessment	SDG 11, 12, 13
37.	Professional Elective Course	22AU6309 Wind Energy Technology	SDG 7, 13
38.	Professional Elective Course	22AU6310 Renewable Energy Technologies	SDG 7, 9, 13
39.	Professional Elective Course	22AU7304 Green Supply Chain Management	SDG 9, 12, 13
40.	Professional Elective Course	22AU7305 Equipment for Pollution Control	SDG 3, 6, 11, 13
41.	Professional Elective Course	22CH5304 Bioenergy	SDG 7, 12
42.	Professional Elective Course	22CH5305 Renewable Energy Resources	SDG 7, 13
43.	Professional Elective Course	22CH5306 Pinch Technology (Energy Optimization)	SDG 7, 9, 12
44.	Professional Elective Course	22CH5313 Hydrogen and Fuel Cell Technology	SDG 7, 9, 13
45.	Professional Elective Course	22CH5314 Power Plant Engineering	SDG 7, 9
46.	Professional Elective Course	22CH5315 Non-Renewable Energy Sources	SDG 7, 13
47.	Professional Elective Course	22CH5309 Fermentation & Bioprocessing	SDG 9, 12
48.	Professional Elective Course	22CH6303 Solid Waste Management	SDG 11, 12, 13
49.	Professional Elective Course	22CH6302 Wastewater Treatment	SDG 6, 11, 14
50.	Professional Elective Course	22CH6304 Environmental Impact Assessment	SDG 11, 12, 13
51.	Professional Elective Course	Carbon Capture Technology	SDG 13
52.	Professional Elective Course	Sustainable Marine Resources & Circular Economy	SDG 12, 14
53.	Professional Elective Course	Climate-Resilient Coastal & Ocean Entrepreneurship	SDG 13, 14
54.	Professional Elective Course	22BM6303 Medical Waste Management	SDG 3, 6, 12
55.	Professional Elective Course	22BM5309 Patient Safety, Standards and Ethics	SDG 3
56.	Professional Elective Course	22CE5316 Climate Change Adaptation and Mitigation	SDG 13

S.No.	Course Category	Course Code and Name	Relevant SDGs
57.	Professional Elective Course	22CE5317 Air and Noise Pollution Control Engineering	SDG 3, 11
58.	Professional Elective Course	22CE5318 Environmental Impact Assessment	SDG 11, 12, 13
59.	Professional Elective Course	22CE5307 Geo-Environmental Engineering	SDG 9, 11, 13
60.	Professional Elective Course	22CE5314 Traffic Engineering and Management	SDG 11
61.	Professional Elective Course	22CE5320 Groundwater Engineering	SDG 6
62.	Professional Elective Course	22CE6311 Industrial Wastewater Management	SDG 6, 12
63.	Professional Elective Course	22CE6313 Watershed Conservation & Management	SDG 6, 15
64.	Professional Elective Course	22CE6312 Municipal Solid Waste Management	SDG 11, 12
65.	Professional Elective Course	22EE5316 Energy Storage Systems	SDG 7, 9
66.	Professional Elective Course	22EE5317 Hybrid Energy Technology	SDG 7, 13
67.	Professional Elective Course	22EE5318 Design & Modelling of Renewable Energy Systems	SDG 7, 9, 13
68.	Professional Elective Course	22EE6311 Sustainable & Environment-Friendly HV Insulation System	SDG 9, 12

17.4.3 Does your university as body have dedicated outreach educational activities for the wider community, which could include alumni, local residents, displaced people?

Yes. The institution carries out dedicated outreach and educational activities for the wider community, including alumni, local residents, and displaced groups. These programs focus on sharing knowledge, improving skills, and expanding access to learning. Faculty, students, and active service units such as NSS, NCC, and Rotaract play a key role by organizing workshops, awareness drives, career guidance sessions, digital literacy training, and community support activities. These groups also work with local organisations to address social, environmental, and educational needs through cleanliness drives, health campaigns, youth leadership programs, and community empowerment efforts. Public lectures and extension events further promote learning on health, sustainability, and technology. Through these continuous initiatives, the university strengthens community development and its role as an inclusive and socially responsible institution.

SAMPLE EVIDENCES

(a) Solid Waste Awareness Programme

The NSS Unit of HiCET conducted a Solid Waste Awareness Programme on 17.08.2024 to educate the community on waste segregation, recycling, and responsible disposal. Volunteers explained the environmental impact of improper waste handling and encouraged simple sustainable practices that support cleaner surroundings.


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Hicet / Date : 20-08-2024

தி கோவை மெயில்

தமிழ் & ஆங்கில ஸாரகிதம்

Postal Reg. No. CH12M18-23

www.hicetmail.com www.facebook.comTHE_COVMAIL Date : 20.8

திடக் கழிவுகளில் வேளாண் உரம் இந்துஸ்தான் மாணவர்கள் பார்வை



திடக் கழிவு மேலாண்மை நிலையத்தை பார்வையிடும் என். எஸ். எஸ். மாணவர்கள்

தி கோவை மெயில்

இந்துஸ்தான் பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியின் என்எஸ்எஸ் பிரிவின் மாணவர்கள் கோவை ஒத்தக்கால்மண்டபம் பஞ்சாயத்தால் இயக்கப்படும் திடக் கழிவு மேலாண்மை நிலையத்தை பார்வையிட்டனர்.

நிகழ்விற்கு 2வது வார்டு கவுன்சிலர் ரமேஷ் முன்னிலை வகித்தார். இந்த நிகழ்வில் 55க்கும் மேற்பட்ட என்எஸ்எஸ்

மாணவ, மாணவிகள் பங்கேற்று, கழிவுகளை மக்கும் சூப்பை, மக்காத கழிவு எனப் பிரித்து, அவற்றை வேளாண் பயன்பாட்டுக்கான உரமாக மாற்றுவதற்கான தடைமுறைகளை கற்றுக் கொண்டனர்.

இதில் என்.எஸ்.எஸ் திட்ட ஆலுவலகம் உதவி பேராசிரியருமான பிரசன்ன வெங்கடேசன் நிகழ்வை ஏற்பாடு செய்தார்.

மாணவர்கள் தனித்தனியாக செயல்பட்ட அவர்களுடைய

கைகளால் அனுபவப் பயிற்சி பெற்றதன் மூலம் திடக் கழிவு மேலாண்மைவின் முக்கியத்துவத்தை புரிந்து கொண்டனர்.

நிகழ்விற்கு கல்லூரியின் முதல்வர் ஜெயா முழு ஆதரவை அளித்தார். இந்துஸ்தான் கல்வி குழுமத் சார்பாக கல்லூரியின் அறுங்காவலர் சரஸ்வதி கண்ணையன், இணை செய. பிரியாசதிஷ் ஆகியோர் தங்களின் பாராட்டுகளை தெரிவித்துக்கொண்டனர்.

Solid Waste Awareness Programme published in the Newspaper

(b) Blood Donation Camp

The NSS Unit of HiCET and the Department of Biomedical Engineering jointly organised a Blood Donation Camp in association with Government Hospital, Pollachi on 25.09.2024 to promote voluntary blood donation and public health awareness. The activity involved assisting donors with registration and screening, encouraging social responsibility and highlighting the importance of supporting healthcare needs through regular blood donation.

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
 An Autonomous Institution, Affiliated to Anna University, Chennai
 VALLEY CAMPUS, POLLACHI HIGHWAY
 COIMBATORE-32

**National Service Scheme
 &
 Dept Of Bio Medical
 Jointly Organizing Government Hospital,
 Pollachi**

Blood Donation Camp
SAVE A LIFE
DONATE BLOOD

Date : 25/09/2024
 Time : 10 AM
 venue : Kalam auditorium

Student Cordinators	Covenor	Principal	CEO
U.Saraneeshwar	Mr.N.Prasanna Venkatesan ,AP/MECH	Dr.Jaya	Dr.Karunakaran
Dhivakar D	NSS Program officer		

Brochure of the Blood Donation Camp



Photographs of the Blood Donation Camp

(c) POCSO Act Awareness Programme

The NSS Unit of HiCET organised a POCSO Act Awareness Programme on 20.10.2024 at Saranalayam Children Home Care, Kinathukadavu to educate children and caretakers on child safety. The session explained how to recognise signs of abuse and understand the basic provisions of the POCSO Act, helping strengthen awareness of child protection.



Photograph of POC SO Act Awareness Programme

17.4.4 Does your university as a body measure the sustainability literacy of students?

Yes. The institution regularly measures the sustainability literacy of its students. The “Sustainability Literacy and Knowledge Assessment” is conducted for the entire campus community including students, faculty, and staff. This assessment evaluates awareness and understanding of sustainability principles, SDGs, environmental protection, and responsible practices. The results are analyzed to identify areas for improvement and to strengthen sustainability education across the curriculum. This ensures that students are well-prepared to contribute to sustainable development in all their endeavours. The online link for “Sustainability Literacy and Knowledge Assessment” is given below:

https://docs.google.com/forms/d/1dt5uNh7z-OJsyOPSsVd40o-7hRmYuKEyw-b_bRoOEo/edit