



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH & MCT)
Accredited with 'A++' Grade by NAAC

Coimbatore - 641 032



DEPARTMENT OF CIVIL ENGINEERING

CONFERENCE PRESENTATION BY FACULTY

ACADEMIC YEAR: 2023 -2024

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
1	Dr. Akil K	Untreated Paradise Seed Oil as a Sustainable Alternative Fuel for Diesel Engines, Performance and Emission Analysis	First International Conference on Transforming Engineering systems for Sustainability (TESS 2023)	Hindusthan College of Engineering and Technology, Hindusthan Institute of Technology and Taylor's University, Malaysia	29.11.2023 to 30.11.2023	2 Day
2	Dr. Akil K Mr. Alex Livingston Raja A	A Remote Sensing and GIS Perspective on the Impact of Urbanization on the Water Resources of Coimbatore	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
3	Dr. Akil K Mr. Poomalai R	Water Quality Mapping of Coimbatore District using ARCGIS	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
4	Dr. Akil K	Smart Garbage Monitoring with Deep Collection System	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
5	Dr. Deepashri S	Enhancing the Cost of Penalty on Airplane Landing Problems with Simulated Intelligence Technique	First International Conference on Transforming Engineering systems for Sustainability (TESS 2023)	Hindusthan College of Engineering and Technology, Hindusthan Institute of Technology and Taylor's University, Malaysia	29.11.2023 to 30.11.2023	2 Day
6	Dr. Karunanidhi D	Nitrate Sources and Contamination in Groundwater with Evaluation of Non-Carcinogenic Health Hazards for Sustainable Development from Arjunanadi River Basin, South India	First International Conference on Transforming Engineering systems for Sustainability (TESS 2023)	Hindusthan College of Engineering and Technology, Hindusthan Institute of Technology and Taylor's University, Malaysia	29.11.2023 to 30.11.2023	2 Day
7	Mr. Senthil Kumar R	Experimental and Comparative Study on Conventional Brick and Reinforced Steel Slag Brick	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
8	Mr. Senthil Kumar R	Experimental and Comparative Study on the Improvement of Saturated Clay Soil using Geogrid, Geonet and Jute	International Conference on Emerging Trends in Future Engineering' 24 (ICETFE' 24)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.04.2024	1 Day
9	Ms. Saraswathi K	Experimental Study on Solid Waste Management and Disposal	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
10	Ms. Saraswathi K	Effect on Compressive Strength of Concrete with Addition of Solid Waste	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
11	Mr. Alex Livingston Raja A Mr. Dinesh Kumar M Mr. Suresh V Mr. Siddharth K Mr. Poomalai R	Experimental Study on Effect of Bagasses Powder on Stability of Clay Soil	6 th International Conference on Recent Advances in Science, Engineering and Technology (ICRASET-2024)	Arjun College of Technology, Coimbatore	12.04.2024 to 13.04.2024	2 Day
12	Mr. Alex Livingston Raja A	Design and Development of Cost-Effective Kitchen Bin Composting System	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
13	Mr. Suresh V	An Experimental Investigation on the Impact of Palm Leaves Powder in Stabilization of Soil on Noyyal Riverbanks, Coimbatore.	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
14	Mr. Dinesh Kumar M	Experimental Investigation on Strength Parameter in Traditional and Recycled Aggregates in Concrete	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
15	Mr. Dinesh Kumar M	Experimental Strength Study on Concrete Fibre in Concrete	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
16	Mr. Siddharth K	Manufacturing of Conventional and Interlocking Concrete Bricks with C&D Waste as a Replacement	First International Conference on Transforming Engineering systems for Sustainability (TESS 2023)	Hindusthan College of Engineering and Technology, Hindusthan Institute of Technology and Taylor's University, Malaysia	29.11.2023 to 30.11.2023	2 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
17	Mr. Siddharth K	Manufacturing and Testing of Sustainable Concrete Dumbbells with a Focus on Decreasing the Carbon Footprint	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
18	Mr. Siddharth K	Quantifying Carbon Emission in Concrete Buildings: Impact of Admixture Variations on Low Carbon Concrete	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
19	Mr. Siddharth K	Utilization of Waste Plastic Fibres for Reinforcement in Concrete	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day
20	Mr. Parthasaarathi R	A Comprehensive Study on Bamboo Reinforced Concrete Beam with Treated Binding Materials	5 th International Conference on Sustainable Environment and Civil Engineering (ICSECE'2024)	SRM Easwari Engineering College, Chennai	17.04.2024 to 18.04.2024	2 Day
21	Mr. Parthasaarathi R	Exploring the Impact of Super Absorbent Polymers in Cement Concrete: An Experimental Study	5 th International Conference on Sustainable Environment and Civil Engineering (ICSECE'2024)	SRM Easwari Engineering College, Chennai	17.04.2024 to 18.04.2024	2 Day
22	Mr. Parthasaarathi R	Harmonizing Structural Steel Design: A Comparative Approach between Indian and AISE Codes	2 nd International Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development (ACMBT 2024)	Hindusthan College of Engineering and Technology, Coimbatore	25.03.2024 to 26.03.2024	2 Day
23	Mr. Sakthivel R	Enhancing Concrete Strength with Basalt Fiber Reinforcement: A Comprehensive Investigation	International Conference on Emerging Trends in Future Engineering' 24 (ICETFE' 24)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.04.2024	1 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
24	Mr. Sakthivel R	An Experimental Investigation on Effective Management of Construction Material Residues in the Manufacturing of AAC Blocks	International Conference on Emerging Trends in Future Engineering' 24 (ICETFE' 24)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.04.2024	1 Day
25	Mr. Poomalai R	Comparative Study of Concrete with Low Grade Limestone and Natural Binder with Conventional Concrete	International Conference on Advances in Civil Engineering (ICACE-2024)	JCT College of Engineering and Technology, Coimbatore	26.04.2024	1 Day


FACULTY INCHARGE




HOD/ CIVIL



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC, Accredited by NBA (ECE, MECH, EEE, IT & CSE)
Coimbatore - 641 032



DEPARTMENT OF CIVIL ENGINEERING

CONFERENCE PRESENTATION BY FACULTY

ACADEMIC YEAR: 2022-2023

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
1	Dr. Akil K	Application of GIS and Remote Sensing in Natural Resources management – A Review	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day
2	Dr. Akil K	Spatio-temporal Analysis and Digital Elevation Modelling of Palakkad Fort: A Case Study	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day
3	Dr. Akil K	Identification of Suitable Artificial Recharge Zones for Groundwater Development Using Remote Sensing and GIS	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day
4	Dr. Akil K	Impact of urban growth on ground water quality of Coimbatore city - A review	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
5	Dr. Akil K	Comparative study of Urban Heat Island for Madurai and Coimbatore district	3 rd International conference on Advances in Civil Engineering (ICACE'23)	JCT College of Engineering and Technology, Coimbatore	12.04.2023	1 Day
6	Dr. Vivek S	Identification of Suitable Artificial Recharge Zones for Groundwater Development Using Remote Sensing and GIS	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day
7	Mr. Senthil Kumar R	Partial replacement of Natural fine aggregate with fly ash and its mechanical properties	Sustainable Materials and Recent Technologies for Built Environment - (SMaRT'23)	PSG Institute of Technology and Applied Research, Coimbatore	28.04.2023	1 Day
8	Mr. Senthil Kumar R	Experimental investigation and Comparative study on papercrete brick and burnt clay brick	Sustainable Practices in Geotechnical Engineering	Government College of Technology, Coimbatore	11.05.2023	1 Day
9	Mr. Alex Livingston Raja A	Spatio-temporal Analysis and Digital Elevation Modelling of Palakkad Fort: A Case Study	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day
10	Mr. Parthasaarathi R	An Evaluation of the Energy Efficiency of Various Building Materials in the Educational Building	International Conference on Centre for Material Science, Faculty of Engineering	Karpagam Academy of Higher Education, Coimbatore	18.03.2023	1 Day
11	Mr. Parthasaarathi R	Experimental Investigation on Self Compacting Concrete (SCC)	Virtual National Conference on Innovative Material and Smart Technologies for Sustainability	Sri Krishna College of Engineering and Technology, Coimbatore	05.04.2023 to 06.04.2023	1 Day

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by	Date	Duration
12	Mr. Poomalai R	Impact of urban growth on ground water quality of Coimbatore city - A review	International Conference on Geo-eco Novel Inventories for Objective Based Unique Studies - INGENIOUS 2023	Hindusthan School of Architecture, Coimbatore & Hindusthan College of Engineering and Technology, Coimbatore	07.03.2023 to 08.03.2023	2 Day


FACULTY INCHARGE




HOD/ CIVIL

**HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**

An Autonomous Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC, Accredited by NBA (ECE, MECH, EEE, IT & CSE)
Coimbatore - 641 032**DEPARTMENT OF CIVIL ENGINEERING****CONFERENCE PRESENTATION BY FACULTY****Academic Year: 2021-2022**

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
1.	Mr. Sakthivel R	Comparative Study on Storey Drift in RCC Tall Building for Rigid Frame System, Shear Wall System and Braced Frame System Having Various Floor Levels	International Conference on Emerging Trends in Engineering and Management 2021	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	18.11.2021	1 Day
2.	Mr. Sakthivel R	Utilization of Construction and Demolition Waste in New Concrete Blocks	International Conference on Emerging Trends in Engineering and Management 2021	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	18.11.2021	1 Day
3.	Mr. Sakthivel R	Study on the Behavior of Tall Buildings Using ETABS	National Conference on Sustainable Materials and Smart Practices (NCSMSP-2021)	Bannari Amman Institute of Technology, Sathyamangalam	17.12.2021 to 18.12.2021	2 Day

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
4.	Mr. Sakthivel R	Experimental Investigation on Reuse of Non-Biodegradable Solid Waste as a partial replacement of Fine Aggregate in Concrete	DST-SERB sponsored International Conference on Sustainable Practices and Advancements in Civil Engineering – 2022 (SPACE' 22)	PSG Institute of Technology and Applied Research, Coimbatore	11.03.2022 to 12.03.2022	2 Day
5.	Mr. Sakthivel R	Experimental Study on the Addition of Synthetic Fiber in Concrete	DST-SERB sponsored International Conference on Sustainable Practices and Advancements in Civil Engineering – 2022 (SPACE' 22)	PSG Institute of Technology and Applied Research, Coimbatore	11.03.2022 to 12.03.2022	2 Day
6.	Mr. Parthasaarathi R	A Stiffness Analysis of Treated and Non-Treated Meshed Coir Layers in Fibre Reinforced Cement Concrete	1 st International Conference on Minerals, Materials and Manufacturing Methods	Karpagam Academy of Higher Education, Coimbatore	18.03.2022 to 19.03.2022	2 Day
7.	Mr. Parthasaarathi R	Comparative Study on Analysis and Design of Structural Steel Elements with Indian Standard Codes and American Institute of Steel Construction Codes	International Conference on Emerging Research Trends in Structural Engineering (ERSTSE2022)	Vellore Institute of Technology, Chennai	23.03.2022	1 Day
8.	Mr. Senthil Kumar R	Reuse of Construction and Demolition Waste in Building Blocks	9 th National Conference on Recent Advancements in Geotechnical Engineering	Karpagam Academy of Higher Education	06.04.2022	1 Day
9.	Mr. Sakthivel R	Reuse of Construction and Demolition Waste in Building Blocks	9 th National Conference on Recent Advancements in Geotechnical Engineering	Karpagam Academy of Higher Education, Coimbatore	06.04.2022	1 Day
10.	Dr. Akil K	Feasibility Study of Manufacturing Paper from Water Hyacinth	International Virtual Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development	Hindusthan College of Engineering and Technology & Hindusthan College of Arts and Science.	06.05.2022	1 Day

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
11.	Mr. Alex Livingston Raja A	Feasibility Study of Manufacturing Paper from Water Hyacinth	International Virtual Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development	Hindusthan College of Engineering and Technology & Hindusthan College of Arts and Science.	06.05.2022	1 Day
12.	Dr. Akil K	Energy Harvesting from Roads	International Virtual Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development	Hindusthan College of Engineering and Technology & Hindusthan College of Arts and Science.	06.05.2022	1 Day
13.	Mr. Alex Livingston Raja A	Energy Harvesting from Roads	International Virtual Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable Development	Hindusthan College of Engineering and Technology & Hindusthan College of Arts and Science.	06.05.2022	1 Day
14.	Mr. Vivek S	Hydrogeochemical Characterization and Assessment of Groundwater Quality in Tirupur Taluk, Tirupur District, Tamil Nadu, India using GIS Based Technique	International Conference on Advances in Civil Engineering (ICACE'22)	JCT College of Engineering and Technology, Coimbatore	11.05.2022	1 Day
15.	Mr. Suresh V	Experimental study on the effect of powdered RECRON-3S (PR3) on shear strength parameters of red clay	National Conference on Emerging Trends in Engineering and Technology (NCETET' 2022)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.05.2022	1 Day
16.	Mr. Dinesh Kumar M	Experimental study on the effect of powdered RECRON-3S (PR3) on shear strength parameters of red clay	National Conference on Emerging Trends in Engineering and Technology (NCETET' 2022)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.05.2022	1 Day

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
17.	Mr. Siddharth K	Experimental study on the effect of powdered RECRON-3S (PR3) on shear strength parameters of red clay	National Conference on Emerging Trends in Engineering and Technology (NCETET' 2022)	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	25.05.2022	1 Day

R. S.

FACULTY INCHARGE



M.S.
HOD/ CIVIL



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC, Accredited by NBA (ECE, MECH, EEE, IT & CSE)
Coimbatore - 641 032



DEPARTMENT OF CIVIL ENGINEERING

CONFERENCE PRESENTATION BY FACULTY

Academic Year: 2019-2020

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
1.	Mr. Vivek S	Biogas production from sugarcane by-product in co-Digestion with vegetable wastes	International Conference on Sustainable Technologies for Industrial Hazardous Waste Management and Bioenergy	SRM Institute of Science and Technology, Chennai.	07.08.2019 to 09.08.2019	3 days
2.	Mr. Vivek S	Identification of suitable artificial recharge Structures for groundwater development using remote sensing and GIS technique	National Level Conference on River Basin and Flood Risk Management	Dr. NGP Institute of Technology, Coimbatore	05.09.2019 to 06.09.2019	2 days
3.	Mr. Parthasaarathi R	Experimental study on smart slab by replacing of reinforcement as steel section	6 th International Conference on Engineering and Technology	Selvam College of Technology, Namakkal.	04.03.2020	1 Day
4.	Mr. Dinesh Kumar M	Experimental and investigation of concrete with macro plastic fibres	6 th International Conference on Engineering and Technology	Selvam College of Technology, Namakkal.	04.03.2020	1 Day

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
5.	Mr. Dinesh Kumar M	Experimental Study on Plastic Bricks	6 th International Conference on Engineering and Technology	Selvam College of Technology, Namakkal.	04.03.2020	1 Day
6.	Mr. Sakthivel R	Experimental investigation on steel fibre reinforced beam column joint with confined reinforcement	6 th International Conference on Engineering and Technology	Selvam College of Technology, Namakkal.	04.03.2020	1 Day
7.	Mr. Sakthivel R	Experimental investigation on utilization of construction and demolition waste in building blocks	9 th National Conference on Recent Trends in Civil Engineering	Karpagam Academy of Higher Education, Coimbatore.	05.03.2020	1 Day

R. Paul

FACULTY INCHARGE



M. L.
HOD/ CIVIL



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Coimbatore - 641 032



DEPARTMENT OF CIVIL ENGINEERING

CONFERENCE PRESENTATION BY FACULTY

Academic Year: 2018-2019

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
1.	Mr. Senthil Kumar R	Comparative study of conventional concrete with banana fibre modified concrete	National Conference on Recent Innovations in Civil Engineering and Technology	JCT College of engineering and technology	16.03.2019	1 Day
2.	Mr. Siddharth K	A study on the performance of shear reinforcement in geopolymer concrete beams	National Conference on Research Advance in Engineering and Technology	CSI institute of engineering	15.03.2019	1 Day
3.	Mr. Suresh V	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day
4.	Mr. Dinakar D	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day

S.No.	Name of the Faculty	Title of the Paper	Name of the Conference	Organized by	Date	Duration
5.	Mr. Dinesh Kumar M	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day
6.	Ms. Abinaya Vishnu R	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day
7.	Mr. Siddharth K	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day
8.	Mr. Siddharth K	Performance of geopolymer concrete beams with GFRP rebars	International Conference on Smart Materials and Techniques for Sustainable Development	Dr. NGP Institute of Technology	04.04.2019 to 05.04.2019	2 Day



FACULTY INCHARGE




HOD/ CIVIL