





Hindusthan
College of Engineering and Technology,
Othakkalmandapam post, Coimbatore 641 032.

**Report for FDP on Sustainable Transportation Technologies for Electric Transportation System
organized / participated**

Name of the Faculty : Dr A Ananthamoorthy	
Department : EEE	Designation : Professor
Name of the Event : FDP on Sustainable Transportation Technologies for Electric Transportation System	
Level : / National	
Venue : AC Seminar Hall	
No. of Days : 1 Week	Dates : 24. 09.2018 till 29.09.2018
Funded by : --	
No. of Participants : 70	Registration charges (if any) : --
Name and Designation of Resource Person(s) : Dr J Kanakaraj Professor / EEE PSG College of Technology Coimbatore.	
Outcome : Awareness on technologies related to sustainable Transportation means.	
Remarks and Feedback on the Event : Very interactive and interesting Sessions.	
Plan of Implementing in HiCET (if any) : ---	
 CFD Coordinator	
 Principal	

Dr. A.R. JAYASUDHA
Professor in need
Department of Computer Applications
Hindusthan College of Engineering & Technology



PRINCIPAL
Hindusthan College of Engineering & Technology,
COIMBATORE - 641 032

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

CENTRE FOR FACULTY DEVELOPMENT

(CFD)



HINDUSTHAN

**COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641 032, TAMIL NADU, INDIA.**

INAGURATION

One Week

FACULTY DEVELOPMENT PROGRAMME on

**Sustainable Technologies for Electric
Transportation systems**

24.09.2018 to 29.09.2018

ORGANIZED BY

Department of Electrical and Electronics Engineering

CHIEF GUEST

Dr.J. Kanakaraj

**Dept of Electrical and Electronics Engineering
PSG college of technology ,
Coimbatore , Tamil Nadu, India**



DATE: 24.09.2018 , 10:00 AM

MODE : PHYSICAL MODE

VENUE : AC SEMINAR HALL

Coordinators

**T.Murugeswari
T.Manjula
Asst. Professor /
Dept .of EEE**

Convener

**Dr. N.P.Ananthamoorthy
Professor & Head /EEE**

PATRONS

**Dr.S.Annadurai
Advisor
Dr.T.Kannadasan
Principal**



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

CENTRE FOR FACULTY DEVELOPMENT

(*CFD*)

Date: 24.09.2018 – 29.09.2018

Chief Guest : Dr J Kanakaraj

A Faculty development programme on Sustainable Transportation technologies for Electric Transportation System was conducted by Centre for Faculty Development Programme. Dr J Kanakaraj lighted the lamp and addressed the gathering.

Professor Dr J Kanakaraj, Department of Electrical and Electronics Engineering started the session with an introduction to sustainable transportation technology. He specified that sustainable transportation refers to low-and zero-emission, energy efficient, affordable modes of transport including electric and alternative fuel vehicles as well as domestic vehicles.

Day 1

Mrs. K. Gomathi, Assistant Engineer, TANGEDCO Coimbatore gave a lecture on Emerging technologies in Transportation. She was delivering contents on Flying taxis, Driverless cars, Delivery drones and Underground roads, smart bicycles, Multi directional elevators, Next – Generation Lithium-Ion Batteries and Enhanced drones.

Mr S Bharath Arun, Design Engineer SIEMENS INDIA pvt ltd, spoke about Data Driven Technologies and Energy Solutions. He made faculties aware that data-driven energy solutions require the development of advanced mathematical methods that are able to deal with a large amount of data for both state estimation, prediction, optimization, etc.

He also spoke about demand of Engineers in power sectors. He said that Job opportunities in power engineering are ample, considering the demand in power generation and distribution, transmission companies. With the joining of private sector like Reliance and Torrent power, future career opportunities are also good in power engineering.



Mr Aravind Noel Xavier Leo, Entrepreneur Freelance Automative – EV Consultant, spoken on Sustainable energy, CO2 reduction.He said, While using sustainable resources can reduce your carbon footprint, you can also help by changing some of your lifestyle choices.

For example, you might sell your gasoline-powered car and buy an electric hybrid --- or you could save gas by carpooling to work and telecommuting when possible.

He also told the faculties that a warming planet is a major challenge for sustainability. Human activities that contribute to climate change are, by definition, not sustainable, as they alter the very planet we depend on for all our needs.



A week long FDP came to an end with the event coordinator delivering vote of thanks and few faculty members gave their feedback about the program. The programme ended by saluting the Nation.





Hindusthan
College of Engineering and Technology,
Othakkalmandapam post, Coimbatore 641 032.

**Report for Two Days FDP on Enterprise Application development On CLOUD PAAS & AWS
organized / participated**

Name of the Faculty : Dr S Shankar	
Department : CSE	Designation : Professor
Name of the Event : FDP on Enterprise Application development On CLOUD PAAS & AWS	
Level :	College Level
Venue : CSE Laboratory	
No. of Days : 2 Days	Dates : 24 th & 25 th 2018
Funded by : Computer Society of India	
No. of Participants : 55	Registration charges (if any) : --
Name and Designation of Resource Person(s) : Mr. Vigneswaran Paramathayalan Principal Consultant Cloud Bull India Shanghai Dubai United States	
Outcome : Eye opener session for Cloud Sessions and Working Mechanisms.	
Remarks and Feedback on the Event : Support of the speaker and response to the questions were appreciated.	
Plan of Implementing in HiCET (if any) : --	
 CFD Coordinator	 Principal

Dr. A.R.JAYASUDHA
Professor & Head
Department of Computer Applications
Hindusthan College of Engineering & Technology



Hindusthan College of Engineering & Technology
COIMBATORE - 641 032

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE - 641 032

CENTRE FOR FACULTY DEVELOPMENT
(*CFD*)

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST
HECT

Centre for Faculty Development
In association with
Cloud Bull & CSI

Enterprise Application Development on
cloud PAAS

THE
Vigneshwaran Paramathayalan
Principal Consultant,
Cloud Bull

THE
BEST

October 24th & 25th 2018
Tme: 9.00 am. CSE Seminar
Hall

Cloud Bull



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

**CENTRE FOR FACULTY DEVELOPMENT
(*CFD*)**

24 Oct 2018 Sessions

- 9.30 am - **Welcome Address**
Dr C N Annadurai, Advisor
Hindusthan Institutions.
- 9.40 am **Inauguration**
PAAS Application Introduction- Understand the data model and navigation
- 11.15 am **Getting Your App Ready for Users, Setting Up and Managing Users**
- 11.20 am **Tea Break**
(Session Resumes)
- 11.40 am **Security and Data Access, Customization: Fields**
Introduction to AWS Concepts, Global Infrastructure, Region, Availability Zones.
- 1.15 pm **Lunch Break**
- 2.15 pm **Managing Data, Reports and Dashboards**
AWS Account Basics - setting up account, how to use it,
Overview of Compute, Storage and Networking on AWS
- 3.15 pm **Automation, Managing the Enterprise Application**



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

**CENTRE FOR FACULTY DEVELOPMENT
(*CFD*)**

24 Oct 2018 Sessions

- 9.30 am - **Welcome Address**
Dr C N Annadurai, Advisor
Hindusthan Institutions.
- 9.40 am **Inauguration**
PAAS Application Introduction- Understand the data model and navigation
- 11.15 am **Getting Your App Ready for Users, Setting Up and Managing Users**
- 11.20 am **Tea Break**
(Session Resumes)
- 11.40 am **Security and Data Access, Customization: Fields**
Introduction to AWS Concepts, Global Infrastructure, Region, Availability Zones.
- 1.15 pm **Lunch Break**
- 2.15 pm **Managing Data, Reports and Dashboards**
AWS Account Basics – setting up account, how to use it,
Overview of Compute, Storage and Networking on AWS
- 3.15 pm **Automation, Managing the Enterprise Application**



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

CENTRE FOR FACULTY DEVELOPMENT
(*CFD*)

25 Oct 2018 Sessions

- 9.30 am - *AWS Account Basics - setting up basic account and how to use it*
- 9.40 am **Overview of Compute, Storage and Networking on AWS**
- 11.15 am *Serverless architecture - AWS Lambda, Microservices through AWS Lambda and AWS API gateway*
- 11.20 am **Tea Break**
(Session Resumes)
- 11.40 am *Security and Data Access, Customization: Fields*
Introduction to AWS Concepts, Global Infrastructure, Region, Availability Zones.
- 1.15 pm **Lunch Break**
- 2.15 pm *Managing Data, Reports and Dashboards*
AWS Account Basics - setting up account, how to use it,
Overview of Compute, Storage and Networking on AWS
- 3.15 pm *Identity and Access Management, Networking - VPC, Subnets and Security Groups*



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE – 641 032

CENTRE FOR FACULTY DEVELOPMENT
(*CFD*)

Date: 24.10.2018 & 25.10.2018

Chief Guest : Mr Vigneshwaran Paramathayalan

The Centre for Faculty Development Programme conducted two days Faculty Development on Enterprise Application Development on Cloud PAAS. Chief Guest Mr Vigneshwaran Paramathayalan inaugurated the session and addressed the gathering.

A two days FDP was conducted on 24th & 25th of September 2018 by Mr. Vigneshwaran Paramathayalan, Cloud Bull India. The aim of the FDP was to give awareness about Enterprise Applications on Salesforce & AWS platform. The faculties gained knowledge on building an ERP Application from the resource person. By the end of the session all the faculties developed their own enterprise application with Salesforce platform in different domains. The session was concluded with Mr. Vignesh explaining all the opportunities available in the Salesforce Cloud Development platform and benefits over AWS available in Salesforce Cloud PAAS.



Resource Person addressing Faculties during FDP



The speaker told the participants that By using a server less architecture, developers can focus on their core product instead of worrying about managing and operating servers or runtimes, either in the cloud or on-premises. This reduced overhead lets developers reclaim time and energy that can be spent on developing great products which scale and that are reliable. He said, For many developers, serverless architectures offer greater scalability, more flexibility, and quicker time to release, all at a reduced cost.



AWS provides services that help you protect your data, accounts, and workloads from unauthorized access. AWS data protection services provide encryption capabilities, key management, and sensitive data discovery to help you protect your data and workloads.

He told the participants that There are four main types of security: debt securities, equity securities, derivative securities, and hybrid securities, which are a combination of debt and equity.

