

CHIEF CONVENER

Dr. V. A. Kulkarni

Principal, KLS VEDIT Haliyal

CONVENER

Dr. K. S. Pujar

Head, Dept. of Mechanical Engg.

ADVISORY COMMITTEE

Prof. Manjunatha - Dean (Admin)

Dr. Mahendra Dixit - Dean(R&D)

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Prof. Naveen Hiremath (Mech. Engg. Dept)

EVENT COORDINATORS

Prof. Gururaj Hatti (Mech. Engg. Dept)

Prof. Naveen C S (Mech. Engg. Dept)

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Prof. Shankar Badiger (Mech. Engg. Dept)

Prof. Anant Joshi (Mech. Engg. Dept)

Prof. Rajat Acharya (Mech. Engg. Dept)

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Prof. Gurunath Mewundi(Mech. Engg. Dept)

Prof. Vinaykumar B (Mech. Engg. Dept)

Prof. Prasanna Kulkarni (E & C Engg. Dept)

Prof. Vikas Balikai (E & C Engg. Dept)

Prof. Vijay Bagewadi (E & E Engg. Dept)

Prof. Subrahmanya H. (E & E Engg. Dept)

Prof. Sandeep Telkar (CS Engg. Dept)

IMPORTANT DATES

Last date for Registration:02.03.2021

FDP Dates:04.03.2021-06.03.2021

RESOURCE PERSONS

Shri. Suraj S D

Co-founder & CEO, Decibels Lab

(Suraj is a graduate in Mechanical Engineering, has 8+ years of automotive industry experience. Suraj has worked for projects with Mercedes Benz, Fiat Chrysler in USA. Currently he leads the team of 18 engineers at Decibels to provide engineering services & EV lab setups.)

Venugopal Prathimala

Co-founder & CTO, Decibels Lab

(Venugopal is a UG in Mechanical Engineering & PG in Vehicle engineering from KTH Sweden. Currently he works at Scania on Battery technologies in Sweden. Venugopal heads the technology division)

Ashwin Simha

Lead BMS hardware development, Exicom

(Ashwin is UG in Instrumentation Engineering & PG in Mechatronics from NITK, he has over 15+ years of experience in the industry. Ashwin has worked with BOSCH, TAFE, Mahindra Electric & Exicom on various projects for EV powertrain systems)

Shravan Sriram

Senior Motor Controls Simulation Engineer

(Shravan is a UG in Electronics, he leads the team at Decibels on Development of Motor control algorithms, Model Based Design of EV power electronic components & control system engineering.)

Chandrasekaran Pradeep

Head - Vehicle Architecture & integration, Force Motors

(Pradeep has over 20 years of experience in vehicle design & development for commercial vehicle & passenger vehicle segment. Currently he works at FORCE motors as a Head - Vehicle Architecture & integration for Electric Bus. Pradeep has worked at Eicher, JCB, Tata motors & Mahindra in Past)

Dr Veeresh kumar G B

HOD, Department of Mechanical Engineering
NIT, Tadepalligudem, Andhra Pradesh



KARNATAK LAW SOCIETY'S VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL-581329

(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi,
Recognized Under Section 2(f) by UGC, New Delhi)

National Level Three Days Online Faculty Development Program



(FDP)



on

ELECTRIC VEHICLE TECHNOLOGY



04.03.2021 – 06.03.2021

Organized by

Department of Mechanical Engineering
KLS VEDIT, Haliyal



In Association with
ISTE Faculty Chapter,
Decibels Lab &
Innovation Forum VEDIT

ABOUT INSTITUTE

Karnatak Law Society having established a number of institutions in the city of Belagavi which have identity as Quality Educational Institutions started "Vishwanathrao Deshpande Institute of Technology"(VDIT) at Haliyal in 2004-05.

Within a short span of years, VDIT has developed excellent infrastructural facilities and an academic climate to train the students to meet the challenges posed by rapid changing techno-economic scenario. The institution has an excellent, well qualified and experienced faculty. The Institute is located on a 26 acres campus, cradled by a picturesque landscape.

ABOUT DEPARTMENT

Mechanical Engineering Department started with the B.E. Programme in the year 2004. It is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. Since its inception, the department has been actively involved in imparting quality education to the students.

The Department has highly qualified, committed and motivated faculty. It has well equipped spacious Laboratories and other Infrastructural facilities to cater the needs of budding Mechanical Engineering students.

The post graduate programme was started in the year 2013 in Thermal Engineering with 18 students intake. The department is recognized as a Research Centre of VTU. Over the decade, the department has established state-of-the art laboratories in various subjects which are utilized both by undergraduate and post-graduate students for conducting experiments.

The department has also established research labs in the fields of welding and thermal.

The department has MOUs with various sectors of industry ranging from automotive to manufacturing domains.

ABOUT PROGRAM

Electric vehicles are the future of transportation. Electric mobility has become an essential part of the energy transition and will imply significant changes for vehicle manufacturers, governments, companies and individuals.

Electric Vehicles have completely different systems & architecture compared to petrol or diesel vehicles.

EV is a very complicated system than ICV's. To explore opportunities in EV sector, one needs to have a deeper understanding of the system, its dependencies & interconnections, sizing, operating conditions, dynamic behaviors & more.

This FDP helps in understanding the electric vehicle technologies and gain appreciable knowledge over the systems.

ABOUT DECIBELS

Decibels Lab Pvt Ltd, a recognized startup by Ministry of Commerce & Industry and Government of India. Started in 2019 by a team of engineers worked at Mercedes Benz, Fiat Chrysler USA & KTH University Sweden. Decibels lab is located in Bangalore with a team of 18 engineers, providing engineering services for 12+ clients in India & Europe on Electric Vehicle Technologies. And also providing the online learning courses on EV technologies and Model Based Design.

TOPICS TO BE COVERED

- Overview of EV powertrain & non powertrain subsystem
- Energy analysis
- Traction Battery technology
- Battery Management systems
- Traction motors & Motor controls
- EV Chargers & charging infrastructure
- Battery & Motor thermal challenges
- EV Auxiliary loads
- Advanced composite for automotive

GUIDELINES

- Certificates will be issued to all active participants after submitting the feedback for the sessions conducted.
- The FDP will be conducted through online mode only.
- With help of your Desktop / Laptop / Tablet / Smart Phone with Internet Connectivity, you can attend the FDP from anywhere.
- The participants should login 5 min prior to the scheduled timing.

REGISTRATION DETAILS

Registration Link:

<https://lms.decibelslab.com/courses/OnlineFDPVDIT>

Registration Fee: Rs 300/-

For NEFT payment, Bank Details are

A/c Name: PRINCIPAL KLSVDIT

A/c Number:520101227312674

IFSC Code: UBIN0900630

Branch Name: HALIYAL BRANCH

Bank Name: UNION BANK OF INDIA

Join the WhatsApp group for more updates by scanning QR code:



ADDRESS FOR CORRESPONDENCE

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Assistant Professor

Dept. of Mechanical Engg.

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FOLLOW US ON:     @KLSVDIT