LEARN FLU

Empower Excel Elevate

10 Weeks Program in HYBRID ELECTRIC VEHICLE

Integrated with Top Experts with MNCs

ABOUT US

An idea of learning and upskilling every single day for the hope of a better tomorrow.

LearnFlu is nothing but an Idea.An Idea of learning and upskilling every single day for the hope of a better tomorrow. LearnFlu is also a disease, which every being alive wishes to have. A disease of learning something new and interesting for the growth they desire

SUCCESS

01 REGISTRATION
02 LMS ACCOUNT ACTIVATION
03 8 WEEKS TRAINING
04 2 WEEKS PROJECTS
05 RESUME BUILDING
06 CARRIER GUIDANCE PROGRAM
07 PLACEMENT ASSISTANCE
08

COURSE CURRICULUM

Module 1: Introduction to Hybrid & Electric Vehicle

Chapter 1: Overview of EV
- Why EV?
- Why HEV?
- Why PHEV?
- Hybridisation Ratio
- Architectures of HEV
- Comparison of IC & EV

Module 2: Batteries

Chapter 1: Overview of Battery
- Battery Parameters
- Lithium Batteries
- Metal- Air Batteries
- Hybrid Batteries Super- Capacitors
- Comparison b/w Hybrid batteries & super-capacitors
- C-rates

Module 3: Vehicle Modelling

Chapter 1: Overview of Vehicle Modelling
- Duty Cycles
- Vehicle Model
- Vehicle Performance
- EV Powertrain Component Sizing Vehicle Efficiency

Module 4: Minor Project Discussion

Chapter 1: Battery Thermal Management
- Thermal Runaway
- Cooling Systems
- Active Cooling
- Passive Cooling
- Safety Systems in EV to avoid Thermal Runaway

Module 5: Motors & Control Systems

Chapter 1: Overview of Motors & Control Systems
- Types of Motors
- Motor Configurations
- Asynchronous Motors
- Synchronous : Permanent Switch Reluctance Motors
- Axial Flux Motors
- Motor Torque & Power Characteristics
- Motor Efficiency
- Control Systems

Module 6: Battery Pack Design & Calculations (MajorProject

Chapter 1: Battery Management System in EV
- Background
- Battery Management Systems
- Basic Functions of BMS
- Topology of BM

Module 7: Battery Charging

Chapter 1: Overview of Battery Charging
- Charging Standards
- Wireless Power Transfer
- Solar - Charging Case Study

Minor Project
Battery Thermal Management
Motors & Control Systems

Major Project
Battery Pack Design & Calculations

Jobs You Can Apply

- Electric Vehicle (EV) Design Engineer, ₹6-12 LPA
- Battery Management System (BMS) Engineer, ₹8-15 LPA
- Power Electronics Engineer , ₹7-14 LPA
- Vehicle Integration Engineer ,₹6-10 LPA
- Automotive Embedded Systems Engineer ,₹6-12 LPA
- BSO Engineer (EV/HEV Focus) , ₹5-12 LPA.

Projects

- Miniature Hybrid Vehicle Prototype
- Simulink Model of a Series/Parallel Hybrid Vehicle
- Design of Regenerative Braking System.

TOOL BOX

MATLAB
SOLIDWORKS
CATIA
AUTOCAD

MEET YOUR MENTOR

DEEPAK

Meet Deepak, a seasoned mentor with over 5 years of expertise in his industry. With a proven track record, he has successfully managed a team of 8 professionals, steering them towards excellence. Deepak's prowess in project management shines through in 20 projects, showcasing his proficiency in strategic planning and execution. His commitment to fostering a collaborative environment is evident in his mentoring, making Deepak a valuable guide for those seeking to navigate and excel in their respective fields. With a commitment to continuous learning and professional growth, Deepak is dedicated to fostering success in his mentees.

PLACEMENT SERVICES

REACH YOUR DREAM JOB :
AT LEARNFLU, WE ARE DEEPLY COMMITTED TO YOUR LEARNING JOURNEY AND ACHIEVING YOUR DREAM JOB. OUR PLACEMENT SERVICES ARE TAILORED TO PROVIDE SERVICES AND TALENTS TO EQUIP YOU WITH THE SKILLS, EXPERIENCE, AND CONNECTIONS NECESSARY TO SECURE YOUR DREAM TECH JOB

RESUME PREPARATION :
WE'VE ESTABLISHED A STREAMLINED PROGRAM WITH EXPERT GUIDANCE TO EFFECTIVELY HIGHLIGHT YOUR UNIQUE SKILLS AND EXPERIENCES, ENSURING THE OPTIMAL PRESENTATION OF YOUR PROFILE.

SOFT SKILL PREPARATION :
ALONGSIDE YOUR COMMUNICATION, TEAMWORK, AND LEADERSHIP ABILITIES WITH ENGAGING LIVE SESSIONS AND CUSTOMIZED FEEDBACK, DESIGNED TO HELP YOU EXCEL IN JOB INTERVIEWS. GET TIPS

HIRING PARTNERS & CAREER PORTAL :
GAIN ACCESS TO LEARNING TECH COMPANIES THROUGH OUR EXTENSIVE NETWORK OF HIRING PARTNERS AND OUR DEDICATED CAREER PORTAL, DESIGNED TO CONNECT YOU WITH TOP TECH JOBS AND OPPORTUNITIES.

MENTORSHIP :
GAIN INSIGHTS AND EXPERIENCE THROUGH INTERNSHIPS ASSIGNMENTS PROJECTS, EARNING AN INDUSTRY CERTIFICATE

ADDITIONAL SERVICES

Linkedin optimization
Optimizing your LinkedIn profile can greatly enhance your professional online presence and increase your

Career Guidance
Career guidance plays a vital role in helping individuals navigate the complex and often challenging world of work

Career Opportunities
Career opportunities are essential as they provide pathways for individuals to pursue their passions, skills, and interests, the fulfillment of individual potential and aspirations.

Hands-on experience
The importance of hands-on experience, especially in the context of internships and apprenticeships and education, is very substantial for best your first job

Personality Development
Personality development is crucial as it enhances overall effectiveness in various aspects of life, including interpersonal skills, leading to success in both personal and professional life

CREDIT VALIDATION REPORT

CERTIFICATE
OF APPRECIATION
PROUDLY PRESENTED TO
Name Surname
This is to certify that Deepak Nunna has successfully completed Empower Excel Elevate Hybrid Electric Vehicle Program with a total of Intel credits.
TUTORIALS : 2X / 60
LABORATORY / PRACTICAL : 2X / 60
TOTAL CREDITS : 4X / 60
Total Credits Obtained : 140
Grades Obtained : A
Director
Learnflu Tech

COURSE COMPLETION CERTIFICATE

CERTIFICATE
OF APPRECIATION
PROUDLY PRESENTED TO
Name Surname
This is to certify that Deepak Nunna has successfully completed Empower Excel Elevate Hybrid Electric Vehicle Program.
Director
Learnflu Tech

INTERNSHIP COMPLETION CERTIFICATE

CERTIFICATE
OF APPRECIATION
PROUDLY PRESENTED TO
Name Surname
This is to certify that Deepak Nunna has successfully completed Empower Excel Elevate Hybrid Electric Vehicle Program.
Director
Learnflu Tech

STUDENTS REVIEWS

Sravan ★★★★★
"Very good internship program. My mentors are teaching me more technical stuff. I appreciated my friends to do the internship.

Vasavi ★★★★★
This is the best internship provider with major projects with best experienced mentors.

Sarvani ★★★★★
"Best Internship and training provider company with 100% job assurance.

Raghu Roy ★★★★★
This is the best internship provider with major projects with best experienced mentors.

Aradhya ★★★★★
"Learnflu company provides strategic education and technology, which is a maximum platform for immersive learning experiences. With innovative tools and engaging content,Learnflu elevates the educational landscape."

Krishna Yadav ★★★★★
"Learnflu company provides the best internship and work technical stuff. I appreciate the mentors who helped me this internship

Dinakaran ★★★★★
"Thank you so much learnflu for giving this wonderful opportunity and developed my knowledge.

Ayu Koshan ★★★★★
"Learnflu is an amazing platform for hybrid learners who are pursuing one-on-one instructor sessions and Resume and no great internship opportunities. I'm very happy to have successfully completed this Internship and Training Programme and I am very much satisfied regarding the program.

Priya ★★★★★
This is a very good learning platform which offers academic training and internship program

OUR ALUMNI WORKS AT

IBM, ABS, H&M, Amazon, PayPal, Intel, Flipkart, SPML, SIEMENS, HSBC, Vasavi, Jupiter, Meta, citi, DELTA, ECS, Razorpay, Samsung ELECTRONICS, ANALOG DEVICES, BharatPe, Infosys, EY, ABB, accenture

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