

ONSITE INDUSTRIAL TRAINING PROGRAMME REPORT

Date of Onsite industrial Training : 05/02/2026 to 20/02/2026

Location: Nandi Toyota Vishwavidyalaya , Kudlu gate, Bangalore

Department: Mechanical Engineering

Attendees: 6th Semester Mechanical Engineering students

Accompanied by: Mechanical Engineering Faculty (Each day two Faculties)

Duration: 9:00 AM- 5:00 PM



Onsite Industrial Training Programme

 5th-20th February 2026

 09:00 AM - 05:00 PM

 Nandi Toyota Vishwavidyalaya

 6th Semester ME Students



Event Coordinators

Mr. Mohan Kumar G R

Assistant Professor - ME

Dr. Sudarshan T A

Senior Assistant Professor - ME

Convenor

Dr. D V Sreekanth

HoD - ME

Dr. Manjunatha

Principal

Organised by

Department of Mechanical Engineering

1. Introduction

The Department of Mechanical Engineering organized an Onsite Industrial Training for 6th semester students at Nandi Toyota Vishwavidyalaya from 05-02-2026 to 20-02-2026. The training focused on Electric Vehicles (EV), Hybrid Electric Vehicles (HEV), and Live Engine Overhauling with hands-on exposure to real-time industrial practices.

2. Objectives of the Training

- To understand advanced automotive engine technology including HEV engines.
- To gain practical knowledge on live engine overhauling.
- To understand EV and HEV working principles.
- To learn battery technology and battery pack assembly.
- To understand servicing, safety precautions, and diagnostic procedures.

3. Training Topics Covered

- Advanced Automotive Engine Technology (Including HEV Engine)
- Special Tools for Engine Overhauling
- Live Engine Overhauling
- Real-time Case Studies & Diagnosis with Advanced Diagnostic Tools
- Electric Vehicles – Needs, Basics and Types
- Tools and Equipment used in EV servicing
- Different Types of Batteries used
- Battery Pack Creation
- Battery Electric Vehicle (BEV) – Chargers & Motors
- Servicing & Safety Precautions in BEV
- Diagnosis of BEV with Latest Diagnostic Tool
- Types of Hybrid Electric Vehicles
- HEV Simulator Demonstration
- Operating Conditions of HEV
- Servicing & Safety in EV and HEV
- Advanced Diagnostic Procedures

4. Day-wise Training Details:

Day 1: 05-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on Special Tools for Engine Overhauling, Live Engine Overhauling.

Day 2: 06-02-2026

The session included theoretical sessions followed by practical demonstrations and Real-time Case Studies & Diagnosis with Advanced Diagnostic Tools.

Day 3: 09-02-2026

The session included theoretical sessions followed by practical demonstrations and Electric Vehicles – Needs, Basics and Types, Tools and Equipment used in EV servicing.

Day 4: 10-02-2026

The session included theoretical sessions followed by practical demonstrations and Different Types of Batteries used, Battery Pack Creation.

Day 5: 11-02-2026

The session included theoretical sessions followed by practical demonstrations and Battery Electric Vehicle (BEV) – Chargers & Motors, Servicing & Safety Precautions in BEV.

Day 6: 12-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

Day 7: 13-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

Day 8: 16-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

Day 9: 17-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

Day 10: 19-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

Day 11: 20-02-2026

The session included theoretical sessions followed by practical demonstrations and hands-on training on EV systems, HEV systems, engine overhauling, battery technology, diagnostic tools, and safety measures.

5. Outcomes of the Training

- Enhanced practical knowledge in EV and HEV technologies.

- Hands-on experience in engine overhauling.
- Understanding of battery systems and diagnostic tools.
- Awareness of industrial safety standards.

6. Conclusion

The Onsite Industrial Training at Nandi Toyota Vishwavidyalaya was highly beneficial and provided students with valuable industrial exposure. The program successfully bridged the gap between theoretical learning and practical implementation.

A Glimpse of the Onsite Industrial Training

Day 1: 05-02-2026



Day 2: 06-02-2026



Day 3: 09-02-2026





Day 4: 10-02-2026



Day 5: 11-02-2026



Day 6: 12-02-2026



Day 7: 13-02-2026



Day 8: 16-02-2026



Day 9: 17-02-2026





Day 10: 19-02-2026





Day 11: 20-02-2026





Day 11: 21-02-2026 - Valedictory Function





Bengaluru, Karnataka, India 🇮🇳
Lp Tower, Hosur Rd, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya, Muneshwara Nagar, Bengaluru, Karnataka 560068, India
Lat 12.891742° Long 77.640891°
Saturday, 21/02/2026 11:33 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Lp Tower, Hosur Rd, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya, Muneshwara Nagar, Bengaluru, Karnataka 560068, India
Lat 12.891767° Long 77.640828°
Saturday, 21/02/2026 11:37 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Pillar No. 64, 6, 46, Hosur Rd, Behind Nandi Toyota, Near Maruthi Suzuki Parts, Garvebhavipalya, Krishna Reddy Industrial Area, Hosapalaya, Garvebhavi Palya, Bengaluru, Karnataka 560068, India
Lat 12.89235° Long 77.640061°
Saturday, 21/02/2026 11:36 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Vjrr+p5v, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya, Garvebhavi Palya, Bengaluru, Karnataka 560068, India
Lat 12.891882° Long 77.640514°
Saturday, 21/02/2026 11:38 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Vjrr+p5v, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya, Garvebhavi Palya, Bengaluru, Karnataka 560068, India
Lat 12.891921° Long 77.640507°
Saturday, 21/02/2026 11:39 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Lp Tower, Hosur Rd, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya, Muneshwara Nagar, Bengaluru, Karnataka 560068, India
Lat 12.89176° Long 77.640642°
Saturday, 21/02/2026 11:41 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Vjrr+p5v, Kudlu Gate, Krishna Reddy Industrial Area,
Hosapalaya, Garvebhavi Palya, Bengaluru, Karnataka
560068, India
Lat 12.891817° Long 77.64054°
Saturday, 21/02/2026 11:42 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
73, Kudlu Gate, Krishna Reddy Industrial Area, Hosapalaya,
Muneshwara Nagar, Bengaluru, Karnataka 560068, India
Lat 12.892169° Long 77.640466°
Saturday, 21/02/2026 11:50 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
Vjrr+p5v, Kudlu Gate, Krishna Reddy Industrial Area,
Hosapalaya, Garvebhavi Palya, Bengaluru, Karnataka
560068, India
Lat 12.891903° Long 77.640515°
Saturday, 21/02/2026 11:54 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
47/3a, Kudlu Gate, Krishna Reddy Industrial Area,
Hosapalaya, Muneshwara Nagar, Bengaluru, Karnataka
560068, India
Lat 12.891994° Long 77.640531°
Saturday, 21/02/2026 11:54 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
47/3a, Kudlu Gate, Krishna Reddy Industrial Area,
Hosapalaya, Muneshwara Nagar, Bengaluru, Karnataka
560068, India
Lat 12.891999° Long 77.64053°
Saturday, 21/02/2026 11:56 AM GMT +05:30



Bengaluru, Karnataka, India 🇮🇳
73, Kudlu Gate, Krishna Reddy Industrial Area,
Hosapalaya, Muneshwara Nagar, Bengaluru,
Karnataka 560068, India
Lat 12.892128° Long 77.640495°
Saturday, 21/02/2026 11:58 AM GMT +05:30



Sample Certificates

**NANDI VISHWAVIDYALAYA**
NANDI TOYOTA

CERTIFICATE OF ACCOMPLISHMENT

This is to certify that
Allen Jeo
[USN. 1NH23ME005]
has successfully completed
Onsite Industrial Training
Period : 05 Feb 26 - 21 Feb 26



Nandi Vishwavidyalaya
Nandi Toyota
46/3A, Kudlu Gate, 7th Mile
Hosur Road, Bengaluru - 560 068
(NVV/01/2026)


(P. RAJENDRAN) HOD
Nandi Vishwavidyalaya
21 Feb 2026

**NANDI VISHWAVIDYALAYA**
NANDI TOYOTA

CERTIFICATE OF ACCOMPLISHMENT

This is to certify that
Suhana
[USN. 1NH23ME056]
has successfully completed
Onsite Industrial Training
Period : 05 Feb 26 - 21 Feb 26



Nandi Vishwavidyalaya
Nandi Toyota
46/3A, Kudlu Gate, 7th Mile
Hosur Road, Bengaluru - 560 068
(NVV/01/2026)


(P. RAJENDRAN) HOD
Nandi Vishwavidyalaya
21 Feb 2026



NANDI VISHWAVIDYALAYA
NANDI TOYOTA

CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

Beeralinga

[USN. 1NH24ME401]

has successfully completed

Onsite Industrial Training

Period : 05 Feb 26 - 21 Feb 26



Nandi Vishwavidyalaya
Nandi Toyota
46/3A, Kudlu Gate, 7th Mile
Hosur Road, Bengaluru - 560 068

(NVV/01/2026)

P. Ramesh
(P. RAMESH) HOD
Nandi Vishwavidyalaya
21 Feb 2026

ME Core Batch	Name	USN	05-02-2026	06-02-2026	09-02-2026	10-02-2026	11-02-2026	12-02-2026	13-02-2026	16-02-2026	17-02-2026	18-02-2026	20-02-2026
20	NISHANTH C S	1NH23ME038	Nishanth										
21	PK CHIRAG	1NH23ME040	PK	PK	PK	PK	PK	Absent	PK	PK	PK	PK	PK
22	PRAJWAL D	1NH23ME042	Prajwal D	Prajwal D	Absent	Prajwal D							
23	PRANEETH MAJHI	1NH23ME043	Praneeth										
24	REVANASIDDA	1NH23ME047	← AB →										
25	SACHIN RAVI VARMA	1NH23ME049	Sachin	Sachin	Sachin	Sachin	Sachin	Absent	Sachin	Sachin	Sachin	Sachin	Sachin
26	RUDRANSHU DAS	1NH23ME048	Rudranshu										
27	SHADAN	1NH23ME050	Shadan										
28	SHASHANK B R	1NH23ME052	Shashank										
29	SHIVA PRASAD K N	1NH23ME053	Shiva	Shiva	Shiva	Shiva	Absent	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva
30	SHREYAS MANJUNATH	1NH23ME054	← AB →	← AB →	Shreyas								
31	SRI HARSHA R	1NH23ME055	← AB →	← AB →	Sri Harsha								
32	SUHANA	1NH23ME056	Suhana										
33	T ARAVIND	1NH23ME057	T Aravind	T Aravind	T Aravind	T Aravind	HAZAR	T Aravind					
34	VAIBHAV S HELAVAR	1NH23ME059	Vaibhav	Vaibhav	Absent	Vaibhav							
35	VEDA RAMNATH	1NH23ME061	Veda	Veda	Veda	Veda	Absent	Veda	Veda	Veda	Veda	Veda	Veda
36	AJAYA B G	1NH24ME400	Ajaya B G										
37	BEERALINGA	1NH24ME401	Beeralinga										
38	KUSHAL KUMAR S	1NH24ME402	Kushal										
39	NAVEEN V	1NH24ME403	Naveen										
40	RAVEESH K	1NH24ME404	Raveesh										

5/2/26
5/2/26

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Lohan
06/02/2026

7/2/26
Srinivas
09/02/2026

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21/2/26
22/2/26

NEW HORIZON COLLEGE OF ENGINEERING
Department of Mechanical Engineering
Feed back on Onsite Industrial Training from 05-02-2026 to 20-02-2026 at Nandi Tayota Vishwavidyalaya

Timestamp	USN	Full Name	Semester	Department	The session on Advanced Automotive Engine Technology was informative and clear.	The practical demonstration on Live Engine Overhauling improved my technical understanding.	The sessions on Electric Vehicles (EV) and Hybrid Electric Vehicles (HEV) enhanced my knowledge of emerging	The explanation and demonstration of diagnostic tools were effective and easy to understand.	The safety precautions explained during EV/HEV servicing were adequate and clear.	The training provided sufficient hands-on exposure to tools and equipment.	The trainers effectively linked theory with practical industrial applications.	The Trainer demonstrated strong technical knowledge in their respective subjects.	Rate your overall experience with the Onsite Industrial Training	What new technical skills or knowledge did you gain during this training?	Which topic did you find most beneficial and why?
2/23/2026 12:21:50	1NH23ME013	Charan Babu R	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Technically identifying the problems and solving which makes easy artist in daily life	All the topics covered by nandi vidhwavidyalaya
2/23/2026 12:22:32	1NH23ME001	Aditya gonda s	6th semester	Mechanical Engineering	5	5	4	5	4	5	5	5	5	We get a Knowledge about engine, vehicle working, conversation skill,etc.	Engine removal and HEV topics which I got beneficial
2/23/2026 12:29:22	1NH23ME049	SACHIN RAVI VARMA	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	The world technologies innovatively even in small parts	Training interview handling
2/23/2026 12:32:57	1NH23ME055	Sri harsha	6th semester	Mechanical Engineering	4	5	4	4	5	5	4	5	5	A brief about the engine works...!!	Engine overhauling
2/23/2026 12:33:21	1NH23ME052	Shashank B R	6th semester	Mechanical Engineering	4	4	5	5	5	5	5	5	5	Something new	Engine part
2/23/2026 12:33:21	1NH23ME014	Darshan.k	6th semester	Mechanical Engineering	4	4	4	4	4	5	5	5	5	Gained some knowledge about automobiles	Hev
2/23/2026 12:33:23	1NH23ME024	K T Pravin	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Engine overhauling	Ev and hybrid technology
2/23/2026 12:33:30	1NH23ME053	Shiva Prasad KN	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Practical knowledge and techniques	Engine based hybrid
2/23/2026 12:33:47	1NH23ME019	Gowtham M	6th semester	Mechanical Engineering	4	4	4	4	4	4	4	4	4	Got practical exposure to the IC engine and hybrid technology	EV technology
2/23/2026 12:34:05	1NH23ME007	Aniket manglore	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Engine assamy and handson experience of engine components	Engine works
2/23/2026 12:34:30	1nh23me021	HARSHITH S	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Learnt a lot technically and morally in a very less span of time. Very useful.	Engine overhauling
2/23/2026 12:34:35	1NH24ME400	Ajaya BG	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Engine overhaul, hybrid technology	The overhaul of toyota Innova engine was beneficial
2/23/2026 12:34:36	1NHE23ME031	M Nitesh Sai Chowdary	6th semester	Mechanical Engineering	4	4	4	5	5	4	5	5	4	Got knowledge about engine overhauling	Hybrid technology
2/23/2026 12:34:39	1NH23ME005	Allen Jeo	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	About various components of an Engine and understood the working of said engine. We understood the mechanisms that run such complicated systems.	I found the entire process of Engine overhauling and HEV/BEV classes the most interesting as they were very information rich and extremely helpful for my understanding of these topics. They helped me very much in improving my knowledge of the working in the Industry
2/23/2026 12:34:40	1Nh23me004	Ajith kumar, L	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	About engine	Good Knowdnleg
2/23/2026 12:34:42	1NH23ME059	Vaibhav	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Learnt about how engine is fixed and removed and know about the parts	Everything is beneficial
2/23/2026 12:34:56	1NH23ME056	Suhana	6th semester	Mechanical Engineering	4	5	4	5	4	5	5	4	5	I learn about engineoverhauling why is it done and how the engine works	I found engine overhauling topic more beneficial because i got hands on experience on it so,i
2/23/2026 12:35:01	1NH23ME029	KUSHAL KUMAR M	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	PRACTICAL ORIENTED KNOWLEDGE AND TECHNIQUES	Engine based on latest technologies
2/23/2026 12:35:04	1NH23ME043	PRANEETH MAJHI	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	About various components of engine , about hybrid and ev engine	Engine overhauling because it was handson and practical session I even liked about hybrid vechiles
2/23/2026 12:35:07	1NH23ME022	Hemanth kumar M	6th semester	Mechanical Engineering	5	5	5	5	4	5	5	5	5	Yes I gained good technical skills during training	Engine overall hands-on experience
2/23/2026 12:35:40	1NH24ME402	Kushal kumar s	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Practical Exposure to Industry Tools and Equipment	Understanding of System Design and Working Principles
2/23/2026 12:35:47	1NH23ME012	Chaitra Hiregoudar	6th semester	Mechanical Engineering	4	4	4	3	4	4	5	4	4	Yes	Engine This is related to our syllabus

2/23/2026 12:35:54	1NH23ME015	Dhruv D	6th semester	Mechanical Engineering	4	5	4	5	5	5	5	4	4	Got to know about engine and engine overhauling and more details about EVs and HEVs	Engine overhauling because got know about how the engine works and the parts of the engine. Which part has to be changed or repair for which issue.
2/23/2026 12:36:14	1NH23ME036	Nadeem	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Battery design	Hands on experience on engine overhaul.
2/23/2026 12:36:31	1NH23ME047	Revanasidda	6th semester	Mechanical Engineering	5	5	4	5	4	5	5	5	5	During training I got to know about engine parts. And how to remove and how to fit.	I found (IC Engine) most beneficial because it helps me understand how vehicles work in real life. This topic improves my technical knowledge and is very useful for mechanical engineering and automobile field.
2/23/2026 12:36:51	1NH24ME401	Beeralinga	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Related to engine components how it's work and electric vehicles and hybrid vehicles	Engine assembly and disassembly
2/23/2026 12:37:11	1NH23ME016	G Sathya Narayanan	6th semester	Mechanical Engineering	5	5	5	5	5	4	5	5	5	Proper working of engine in a practical way , got to know how industry works , got to know about hybrid and ev technology	We had disassembled and assembled engine , in which we got to know about many sensors and parts that we never thought existed of in a engine. I was a very useful experience and must need for all mechanical engineers
2/23/2026 12:37:18	1NH24ME404	Raveesh k	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	We learnt about the working of hev and ev motor and we learnt about the working of each part in a engine	EV and HEV and the servicing of these vehicles these we're very beneficial because future is EV and HEV
2/23/2026 12:37:21	1NH24ME403	Naveen v	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	I learn about engine overall and hybrid technology and smart hybrid technology systems	Engine overall
2/23/2026 12:54:01	1NH24ME054	Shreyas Manjunath	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	The working of engine	All topics
2/23/2026 12:54:23	1NH23ME018	Gokul V Krishi Sai	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	We learnt how to disassemble and reassemble the engine	The working of hybrid and Internal combustion engine
2/23/2026 12:55:14	1NH23ME040	Pk chirag	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Hands on skills developed on petrol engines and also gained knowledge about ev and automobiles	Every topic was beneficial especially about alternator and parts of engine
2/23/2026 12:55:45	1nh23me030	Lohan josh s	6th semester	Mechanical Engineering	4	4	4	4	4	4	4	4	4	Full inside experience on how the car system works inside the engine bay till ecu reading	Ev
2/23/2026 12:56:44	1NH23ME048	Rudranshu Das	6th semester	Mechanical Engineering	5	5	4	5	4	4	4	5	5	I gained knowledge on IC engine the most	The most beneficial topic would be IC engines and EV
2/23/2026 12:59:49	1nh23me050	Mohammed Shadan	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	It was great and hands on experience was the best	The cut section of engine parts
2/23/2026 13:19:51	1NH23ME010	Ashray Gupta H A	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Knowing deep about engine	Engine overhauling
2/23/2026 14:23:37	1NH23ME061	Veda Ramnath	6th semester	Mechanical Engineering	5	5	4	4	4	4	5	4	4	Understanding of automotive engine systems and design	Working and design of different types of vehicles
2/23/2026 14:27:23	1nh23me038	Nishanth c s	6th semester	Mechanical Engineering	5	5	5	5	5	5	3	4	5	Yes	Mechanical work
2/23/2026 14:27:30	1NH23ME42	Prajwal D	6th semester	Mechanical Engineering	5	5	5	5	5	5	5	5	5	Engine overhauling, hybrid vehicle technology	Information about ebella

