

Internship Cum Placement Program for Final Year Students (4 Months)

About Skyy Rider Institutions:

Skyy Rider Institutions is one of the leading Skill development platforms which offers various industrial courses in association with top-notch industries like Ashok Leyland, TVS, Ultratech, Bosch Rexroth, BOSCH and leading Universities like Centurion University, CV Raman Global University.

Skyy Rider is working in the domain of Automotive, Electric Vehicle, Mechatronics, Industrial Automation, Construction Technology, Manufacturing, CAD Design, Data Science, ML and Python, Java, Drone, and many other advanced skill sectors. The industry collaborative programs and programs curated under the guidance of experts from industry have made our programs industry compliant making the participant to become industry ready after joining us. We have an enviable track record of 96% placement of our students.

We are certified with ISO 9001:2015 and ISO 29990:2010 which shows our competency in quality and delivery.

Our Prime Motto: "Dedicated in Up-Skilling & Empowering Nation"

About the training programs:

Today every industry seeks for a skilled graduate before hiring them. But sadly, pandemic has abated students from learning and exploring practically. Understanding the same, Skyy Rider has developed a four months of Internship for Final year students where they can pursue internship, work on various projects get an opportunity to get multiple placements drives end of the course.

The 4 months internship will not only give students a finest understanding of the concepts of various technology, but also a pure hands-on experience of working with live models and manufacturing EVs.

Details of the Program:

AGENDA OF COURSE			
Name	Duration & Mode (4 Months)	Course Details	Certification
Advanced Two Wheeler Technology	15 Days (Online)	Complete program on two wheeler technology, Sensors, ECU	TVS
Advanced Four Wheeler Technology	18 Days (Online)	Basic to Advanced Automotive Program with electrical, electronics, Sensors Etc	ASDC
Auto Electrical & Vehicle Diagnosis	7 Days (Online)	OBD, Sensors, Actuators, Automotive HVAC	Bosch JCC
Basic to advance Automobile & heavy commercial vehicle	15 Days (Online)	Learn everything about heavy commercial vehicle from Ashok leyland STC trainers, Chennai	Ashok Leyland
Electric Vehicle Technology	15 Days (Online)	Basic to advanced EV technology, Component knowledge, Motos, Controller, battery, Electronics, Circuit Etc	NSDC & SkyyRider
Practical at Automotive labs	10 Days (Offline)	Two Wheeler lab & 4 Wheeler Lab	
Electric vehicle Lab & Project on Golfcart	40 Days (Offline)	Manufacturing of complete golfcart & testing	Skyy Rider Electric

Complete Course Content:

➤ **Advanced two-Wheeler technology:**

- Ergonomics and Basics of Motorcycle
- Power Generating System
- Carburettor
- Transmission System
- Electrical Circuit
- Electronics and FI
- Periodic Maintenance and Service of bikes (Required for Maintenance-related jobs)
- Doubt clearing & Mentorship sessions

➤ **Advanced Four-Wheeler Technology:**

- Introduction/ History of the automobile
- Automobile terminologies
- Engine & its basic components
- Air induction & exhaust system
- Fuel Injection system
- Lubrication and cooling system
- Power Transmission System, AT
- Axles & differentials
- Braking system with ABS
- Steering Geometry
- Emission Technology

➤ **Auto Electrical & Vehicle Diagnosis:**

- Introduction to the program, History of BOSCH
- Training on GDI, CRDI, and sensors
- Automotive Electrical (Alternator)
- Automotive Electrical (Generator, Battery)
- Vehicle Air-conditioning Systems & Functions

➤ **Heavy Commercial Vehicle with Ashok Leyland:**

- Introduction to Ashok Leyland
- Ashok Leyland products & Aggregate
- Various Engines and Sub-systems
- Clutch, Gearbox & Axles
- Steering System & Air-breaking System
- Basic Electrical systems
- Emission Control systems- BS-IV, BS-VI

- Clutch & Applications
- Gearbox
- Rear Axle & Front Axle
- Suspension & Power Steering Systems
- Basic Electrical & Electronics Systems
- Air brakes & ABS
- Steering Geometry, Wheels & Tires
- Emission Technology

➤ **Electric Vehicle Technology:**

- Introduction to EV
- Indian EV Market
- EV Battery
- Motors
- Controllers
- Battery Management System
- EV Chargers
- Introduction to Hybrid Electric Vehicles (HEV)
- Hybrid Electric Power train
- Technologies used for Increasing Energy Efficiency in HEV
- Introduction to Fuel Cell EV
- Types of Fuel Cells

➤ **Practical at Automotive Labs:**

- Two-Wheeler lab
- Four-Wheeler Lab
- Electric vehicle lab

➤ **Electric vehicle Internship:**

Students will manufacture industry standard Golf-cart following all standards of manufacturing and quality and the vehicle will be made go-to market ready.



SKYY RIDER INSTITUTIONS FOR ADVANCED SKILL & RESEARCH

(An ISO-9001:2015, ISO-29990:2000 Certified company)

At-ISKCON Temple, Nayapalli, Bhubaneswar, +91-8800889353



Placement Details:

Students who are qualifying for the program will be offered placement opportunity in core sectors. We shall bring placement drives in the sectors of Design, Manufacturing, Production, Service etc.

Price:

The course price: 18,990/- (for individual students)

For a group of 10+ students the effective price will be 16990/-

Certificate & LORs:

Participants will get following certificates in the course:

1. Certificate from Ashok Leyland
2. Certificate from BOSCH JCC
3. Certificate from TVS
4. Certificate from ASDC
5. Certificate from NSDC
6. Internship certificate from Skyy Rider
7. LOR on demand



Thank you

Contact: 8800889353, info@skyyrider.com

Visit: www.skyyrider.com