



## Networking and Brokerage Event Horizon Europe

# MSCA Staff Exchanges Call 2024

- **MASTERING LITHIUM ION CELL PRODUCTION , DRY ROOM FACILITIES AND BEYOND**

17 October 2024

- TITLE of talk – FROM SLURRY TO BATTERY PACK:THE JOURNEY OF LITHIUM ION CELLS
- Name of presenter – NISHA P, TECHNICIAN
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**EXPERT ON  
LITHIUM ION CELL  
MANUFACTURING**

- **1.OVERVIEW AND APPLICATION OF LITHIUM ION BATTERY**

- **2.MATERIALS AND PREPARATION**

- **3.COATING AND DRYING**

- **4.CUTTING, CALENDRING, CELL ASSEMBLY**

- **5.STREAMLINED OPERATION AND MAINTENANCE OF DRY ROOM UTILITY SYSTEM**

# **MACHINE HANDLING AND OPERATION OF**

- **MIXERS**
- **ELECTRODE COATING MACHINE**
- **CALENDRING MACHINE**
- **ELECTRODE SLITTING MACHINE**
- **SPOT WELDING MACHINE**
- **POINT WELDING & TAB WELDING**
- **AUTO WINDING MACHINE**
- **GROOVING MACHINE**
- **HYDRAULIC CRIMPING MACHINE**

**Thankyou**