


Company Description

CIC energiGUNE is the research center for electrochemical and thermal energy storage, a member of the Basque Research and Technology Alliance- BRTA, and, a strategic initiative of the Basque Government. CIC energiGUNE was created in 2011 to generate excellent research in materials and systems for energy storage, maximizing the impact on results to the Basque Business Network, through collaboration with universities, research centers, and companies. CIC energiGUNE has a dynamic research team of more than 100 researchers and is extremely well equipped with a wide range of up-to-date facilities that are fully available for all its researchers. Also, the European Commission has recently awarded CIC energiGUNE with the 'HR Excellence in Research' which reflects its commitment to achieving fair and transparent recruitment and appraisal procedures and certifies the existence of a stimulating and favorable work environment for researchers in the institution. For more details on CIC energiGUNE's research activities please visit our website at <http://www.cicenergigune.com>

Information

 Deadline: 2021-03-22
 Category: Business
 Province: Araba / Alava

 Country: Spain
 City: VITORIA-GASTEIZ

Company

CIC energiGUNE

CIC
energi
GUNE
MEMBER OF
 BASQUE RESEARCH
 & TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

CIC energiGUNE is seeking a technician for energy storage components and devices manufacturing and their characterization. To perform both routine experiments, such as those having greater complexity. Inks formulation. Preparation of slurries and rheological characterizations. Laminates. Polymer extrusion. Cell assembly. Cleaning the machinery and the tools of leftover material. Usually composed by chemical components and organic solvents, in a safety mode. Handle the waste materials according to the established safety and environmental protocols. Electrochemical characterizations. To participate actively in projects and support the group activity. To support preparing reports or technical documentation. To search and select new accessories according to the needs and possibilities. To ensure the proper functioning of the equipment, including the performance or supervision of preventive and corrective maintenance, internal calibrations, etc. To modificate proposals both for the installations and the process equipment according to the technical documentation and at the level of the technician. To provide internal training activities related to their knowledge. To report incident. To support students' activities.

Requisites

A higher vocational education or degree in Chemistry, Chemical Engineering, Materials science, Engineering or other scientific disciplines in a related field. Good verbal and written communication skills in English (Spanish or Basque valuable but not compulsory). Demonstrated self-motivation and ability to work independently. A good team player who can collaborate with other groups, academic and industrial partners. Experience in next fields will be very valuable: Background in dispersion and inks formulation. Experience in Printability tests and analysis. Knowledge in printing technologies such as coating, screen printing etc... Characterization of inks and / or coatings (rheology, peeling test, etc...). Experience in next fields will be interesting: Knowledge of materials characterization techniques: FTIR, DSC, TGA, optical and electronic microscopy, etc... Electrochemical characterization. Knowledge of Plastic Materials. Valuable experience in energy storage field.

Benefits

A 1-year contract with the possibility of stabilisation thereafter and interesting professional development opportunities. Integration in an enthusiastic and multidisciplinary young group with great projection and commitments with sustainability and research quality.