



Prof Dr. Tassadaq Hussain

www.tassadaq.ucerd.com

**Specialization in Supercomputing
and Artificial Intelligence**

Experience 19+ Years

1. Barcelona Science Park Spain
2. Cambridge Science Park UK
3. Technopolis Sofia-Antipolis, France

Research Funding 60+ Million PKR

80+ Publications

10 Patents

Applications:

Data Sciences

Big-Data Analytics, Data-Mining, Hadoop, Spark

Artificial Intelligence

Supervised, Unsupervised, Reinforcement, Distributed AI
Embedded AI

Simulation

Modeling, Virtual Reality, Animation

Embedded

Real-Time, IoT, Data Intensive, Compute Intensive

Hardware Expertise:

Embedded-Computing

SoC, SBC, Embedded Controller, CPU, GPU, FPGAs

Supercomputing

OpenHPC, Rocks, HPC-Server, HPC-Cluster and Supercomputer

Cloud-Computing

Data-Center, OpenStack

Projects:

Software Defined Radio
Modeling and Simulations
Processor Based System Design
Distributed Artificial Intelligence
Big-Data Sciences
Electric Vehicle
Cloud-Computing
HPC as a service

