



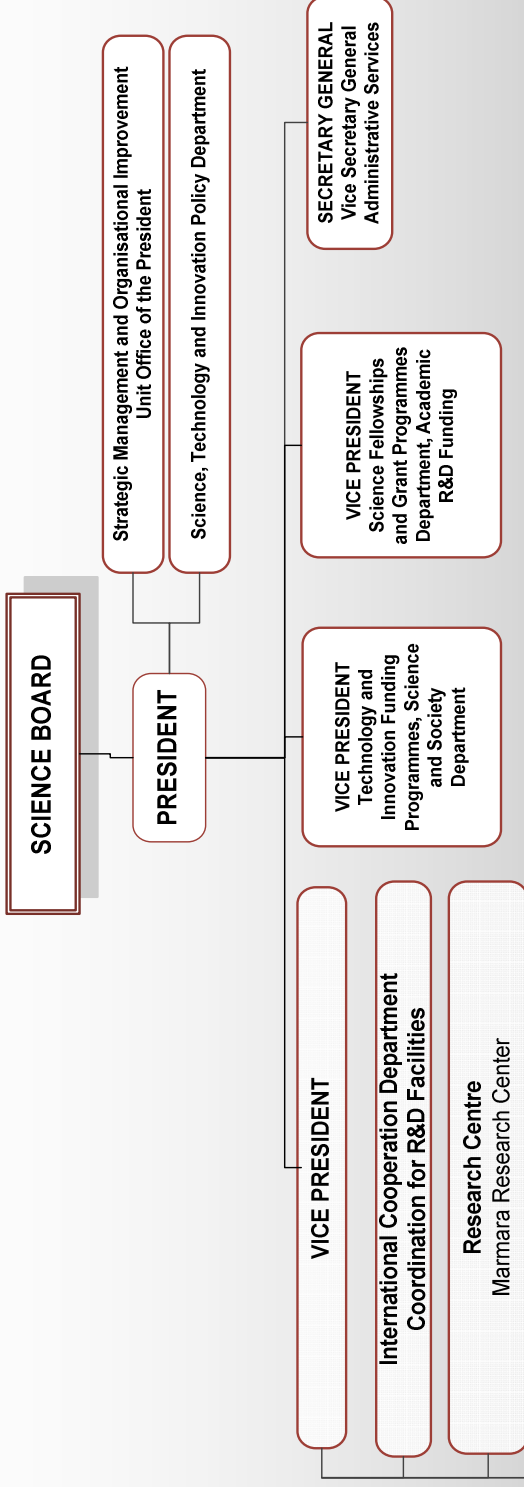
# Space Technologies Research Institute **POWER SYSTEM DEPARTMENT**

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# TUBITAK – Organization



## TUBITAK UZAY R&D activities:

### Space Technologies

Satellite systems, satellite sub-systems, satellite ground station sub-systems, satellite test and integration systems.

### Electronics

Communication systems, electronics system design, electro-optic mission payload, high-speed digital design, IC design.

### Software

Computer vision, speech processing, pattern recognition, remote sensing, multimedia technologies, data mining, machine learning, natural language processing, artificial intelligence.

### Power Electronics

Power quality, compensation systems, electrical motor drives, switching power supplies, renewable energy resources.

### Power Systems

Analysis of electricity production and transmission systems, strategic research and development in distribution automation, Supervisory Control and Data Acquisition (SCADA) Systems, criteria setting for planning, design and operation of distribution systems

# Smart DAS

## Smart Distribution Automation System (Smart DAS)

