INTERNATIONAL TECHNOLOGY PROJECTS

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📞 **+92 42 111 300 200**
(EXT. 3744, 3707)

🌐 HTTPS://WWW.UMT.EDU.PK/ORIC

✉ ORIC@UMT.EDU.PK

WRITTEN BY: MUHAMMAD MOHSIN AMJAD,
RESEARCH AND IP OFFICER,
OFFICE OF RESEARCH INNOVATION AND COMMERCIALIZATION
UNIVERSITY OF MANAGEMENT AND TECHNOLOGY
MOHSIN.AMJAD@UMT.EDU.PK

International Technology Projects

Category: Information Technology and Software and Health Sciences

Project Name: Nutrition/ Micronutrient Test

Overview:

In order to provide personalized health services, this organization is interested in a urine-based test that gives information about a person's vitamin/mineral/micronutrient needs. Solutions can be from all stages of development, including professional/diagnostic tests that have the potential to be used for nutritional insights/wellness.

For Further Details

Project Name: Health and Wellness Imaging Technology

Overview:

In order to provide health and wellness insights, this organization is interested in imaging devices and software/apps. The search is open to all stages of development and forms of imaging technology from large devices to Smartphone apps. The technology could take their own images/scans or utilize existing pictures/images.

For Further Details

Project Name: Software Comprehension, Quality and Governance Tool (SPL Tool)

Overview:

Software is increasingly underpinning operations, products and services in organizations. This is especially true in the telecom, airline, bank and defense sectors, as innovative technologies such as big data, IoT, cloud and NFVs are increasingly reducing the reliance on hardware for service on-boarding. This increased scope of software applications adds another dimension to software maintenance and modernization.

For Further Details

Project Name: Develop an open IOT platform, provide for common data exchange and Trading and develop new sensors that work with the platform

Overview:

The immense amount of data that is currently generated by IOT sensors used by consumers and industry is trapped behind proprietary data formats and cannot easily be traded in an open market. A common Open IOT Platform for services will help all participants make better use of their data, analyze their data more fully, and find correlations with other data that now go unrecognized.

Manufacturing sensors under such a common platform designed for data exchange makes the sensors more valuable to their manufacturers and to consumers.

For Further Details

Category: Electronics and Health Sciences

Project Name: Blood testing/ sampling methodologies to provide Health/ Wellness Insights

Overview:

In order to provide health and wellness insights and personalize nutrition products, this organization is interested in non-medical professional blood-based testing. The focus of this search is on both the blood tests/devices as well as blood sampling methodologies. Ideally the blood test would provide unique health insights or blood test results in a much quicker/more convenient manner. While, blood sampling methodologies should reduce the amount of pain/complication typically associated with the procedure.

For Further Details

Category: Chemical and Mechanical

Project Name: Carbon Capture methods to reduce CO_2 Emission from Internal Combustion Engines (ICE)

Overview:

The vast majority of ships of today are propelled by means of diesel internal combustion engines using petroleum fossil fuel oil.

In April 2018 IMO (the UN body for maritime activities) adopted a GHG (Green House Gas) Initial Strategy for the international shipping with the objective implicating a dramatic 50% reduction of GHG (read CO2) emissions until 2050 compared to the emission level 2008.

For Further Details

Category: Environment

Project Name: Best Practices in Aqua Culture

Overview:

According to a 2018 report from the Food and Agriculture Organization of the United Nations, the fraction of fish stocks fished at biologically unsustainable levels has increased from 10% in 1974 to 33.1% in 2015. The global fish production peaked at about 171 million tons in 2016 with aquaculture accounting for 53% of the total for consumption. Expanded aquaculture is required to meet the expected future demand for fish.

For Further Details

Category: Food and Mechanics

Project Name: Alternatives to Animal Protein

Overview:

Consumer demand for alternative protein sources is increasing. This is driven by a variety of motivations including health benefits, environmental benefits, concerns for animal welfare, economic concerns, and future global resource concerns.

 For Further Details