**I approve:**

**Acting deputy chairman of the board for Scientific Work and International Cooperation**

**\_\_\_\_\_\_\_\_\_\_\_ N.T. Yerzhanov**

**\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_\_**

**Report on the implementation of the work plan**

**of the “Ertis” Innovation and Technology Park for 2020.**

The integration of educational and scientific potential of the university with the industrial sector of the region's economy is carried out on a permanent basis. All conditions for the development of innovative entrepreneurship in the university are created. A free economic zone is organized on the territory of the university, which provides benefits on a gratuitous basis for services at a zero rate for electricity, water supply and provision of premises, territories for the implementation of business ideas. The presentation of the results of scientific developments of the university's scientists and their promotion to the market in the form of new products and innovative technologies;

The main task is to create conditions favorable for the organization and development of small and medium-sized innovative enterprises, for the accelerated industrial development of the results of scientific research and experimental design work, inventions of scientists, teachers, postgraduates and students of the university, creation of competitive, export-oriented and import-substituting technologies, products, services and bringing them to the consumer on a commercial basis.

The special economic zone of the ToU presents the following projects:

1) Production of "Repellent":

- an individual means of protection from mosquitoes and midges.

2) Production of air analyzers:

- installation of a mini-station for air monitoring that determines: temperature, humidity,

air pressure, and the presence of PM2.5, PM10 (fine particulate matter). The advantage is

fast information transfer, mobility.

3) Production of natural cosmetics under the brand name "RIMMA COZMETICS":

- Coffee scrub (Luxury oils), 250 g;

- Coffee scrub (Orange), 250 g;

- Cocoa scrub, 300 g;

- Thalasso scrub, 400 g;

- Tea for the bath (Body 1ove), 500 g;

- Tea for the bath (Relax), 500 g:

- Tea for the bath (Detox), 500 g;

- Tea for the bath (Spa care), 500 g.

4) Production of electric wheelchairs and transformation

(re-equipment) from mechanical to electric wheelchairs.

5) Production of soap under the brand name “AGMAZ”:

- hypoallergenic liquid soap (about 70 aromas, from 50ml. to 5000ml.),

- bar household soap (from 90 g. to 500g.),

- toilet soap (about 70 aromas, from 50g. to 500g.).

6) Production of artistic forging of metal products:

- cross twist (twist 10-159mm).

- currency,

- rolled strip,

- forged barbecue,

- grill/barbecue/smoker,

- forged furniture to order.

7) Production of catamarans and trimarans:

- equipped with gasoline engines and solar panels.

8) Production of all-terrain vehicles, with high cross-country ability and

the possibility of passing water obstacles.

9) Production of creative furniture from metal structures:

- furniture in the style of high-tech from metal structures.

10) Production of sip-panels:

- intended for the construction of fast-erecting houses, structures for residential and

industrial premises.

11) Production of bactericidal recirculators and electric motorcycles:

- disinfects premises, sterilizes objects, antiviral lamps.

- advantages of electric bikes: Environmental friendliness: Inexpensive maintenance; Simple control; Electric bikes are quite quiet when driving; Depending on the model, the range can reach 100 and more kilometers; The engine lasts 5 times longer, than in gasoline designs: Lower cost, unlike gasoline models.

12) Production of personal protective equipment:

- panoramic masks of high protection,

- protective suits made of 100% cotton, with water-repellent impregnation.

13) Production of foam-gas blocks:

- based on the patents of ToU.

14) Production of antiseptic:

- the recipe is recommended by the World Health Organization.

15) Production of recuperators:

- energy-saving air ventilators.

**Acting Director of the “Ertis”**

**Innovation and Technology Park Zh. Isenov**

**AGREED:**

**Director of the Scientific and Innovation HUB Sharipov S.**