## **RESEARCHERS**

| Nº | Name                                     | Scientific degree/title, position | Cipher/title of the specialty   | Dissertation topic  |
|----|--|-----------------------------------|---|---|
| 1  | Kodirov<br>Dilshod<br>Botirovich         | PhD,<br>Associate<br>Professor    | 05.05.01 - Energy<br>systems and complexes  | Power systems and complexes Improving the quality of electricity in microhydroelectric power plants operating on low-pressure water streams.                            |
| 2  | Tursunov<br>Obid<br>Bobokulovich         | DSc                               |   | Integrated system of application of laser biotechnology for biomass production of biomass and application of pure thermochemical technologies for bioenergy production. |
| 3  | Muzafarrov<br>Shavkat<br>Mansurovich     | DSc, profesosr                    | 05.05.07.<br>Electrotechnology and<br>Electrical Equipment in<br>Agriculture<br>05.05.07. | Development of a system of electrostatic precipitators for the primary processing of raw cotton.  |
| 4  | Rakhmatov<br>Abdugani<br>Dzhumabekovich  | PhD,<br>Associate<br>Professor    | Электротехнология и электрооборудование в сельском хозяйстве                              | The use of electro-ionizers when storing fruit  |
| 5  | Toshpulatov<br>Nusratillo<br>Telmonovich | PhD,<br>Associate<br>Professor    | 05.05.07.<br>Электротехнология и<br>электрооборудование в<br>сельском хозяйстве           | Electric pulse treatment of weeds and soil diseases   |
| 6  | Anarboev<br>Anwar<br>Izatullaevich       | PhD,<br>Associate<br>Professor    | 05.05.04.<br>Industrial energy  | Heat supply of rural houses from a heat pump through a solar system   |
| 7  | Хушиев<br>Сирожиддин<br>Мейлиевич        | PhD,<br>Associate<br>Professor    | 05.05.01 - Energy systems and complexes   | Improving energy efficiency of well pumping equipment   |
| 8  | Иззатиллаев<br>Журабек<br>Олимжонович    | PhD,<br>Associate<br>Professor    | 05.05.01 - Energy<br>systems and complexes  | Forecasting electricity consumption in microgrids based on renewable energy sources   |
| 9  | Sanbetova<br>Amongul<br>Turkmenbaevna    | -                                 | 05.05.07. Electrotechnology and Electrical Equipment in Agriculture                       | Substantiation of the unit parameters for the electrical treatment of collector-drainage waters.  |
| 10 | Babaev<br>Aziz<br>Galibovich             | -                                 | 05.05.07.<br>Electrotechnology and<br>Electrical Equipment in<br>Agriculture              | Scientific and methodical principles of using impulse voltage in the process of ozone-electrosynthesis  |
| 11 | Kilichov<br>Orifjon<br>Gapirovich        | -                                 | 05.05.07. Electrotechnology and Electrical Equipment in Agriculture                       | Introduction of ozone treatment technology.   |
| 12 | Davirov<br>Alisher<br>Quvondik ugli      | -                                 | 05.05.07.<br>Electrotechnology and<br>Electrical Equipment in<br>Agriculture              | Improving the quality of electricity for screw micro-hydroelectric power plants operating in low-pressure water streams   |
| 13 | Abduganiev<br>Nurislom<br>Nuritdin ugli  | Basic doctoral student -          | 05.05.07.<br>Electrotechnology and<br>Electrical Equipment in<br>Agriculture              | The use of solid waste energy in the energy supply of agricultural consumers (on the example of the Tashkent region)  |
| 14 | Valiskiy<br>Vladlen<br>Evgenevich        | Basic doctoral student -          | 05.05.07.<br>Electrotechnology and<br>Electrical Equipment in<br>Agriculture              | Justification of technological parameters for controlling the operation of electrostatic precipitators for cleaning air from fine dust                                  |