

APPROVE

Director of IIAaD

Omarbekov B.O.

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**EDUCATIONAL PROGRAM DEVELOPMENT PLAN
6B07101 – POWER ENGINEERING,
7M07113 – ELECTRICAL ENGINEERING AND POWER ENGINEERING,
8D07112 - ELECTRIC POWER ENGINEERING
"FOR 2019-2024**

Areas of activity	Events						Responsible	Implementation mechanism
		2019 - 2020	2020- 2021	2021 - 2022	2022 - 2023	2023 - 2024		
1. Effective management of high-quality implementation of the educational program and improvement of educational process management mechanisms	1. Provision of the EP with regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan , SC – standard curriculum TWP– a typical work program internal regulatory documents (DP, Regulations, Instructions, forms)	annually	annually	annually	annually	annually	Head of the Department, university management	Formation of requests for the purchase of regulatory documents in the Ministry of Education and Science of the Republic of Kazakhstan, the basic university of Kazntu named after K.I. Satpayev.
	2. Improving the structure of the EP	annually	annually	annually	annually	annually	Head of the Department, university management	Updating the content of the educational program of the specialty on the basis of generalization of modern domestic and international experience of training in this area, requirements,

								employers and labor market demands. Work with employers. Monitoring the achievement of OEP results.
	3. Development and improvement of the modular principle of EP formation	annually	annually	annually	annually	annually	Head of the department.	Formation of modules taking into account the logical and meaningful interrelation of disciplines. Ensuring a unified methodological approach to teaching the module. Formation of content for independent work, taking into account the integrated content of educational material.
	4. Improvement of the CBM Modular curriculum , working curriculum (updatability)	annually	annually	annually	annually	annually	Head of the department.	Monitoring and analysis of employers' needs, graduates' satisfaction. Analysis of modern international experience in the direction of EP.
	5. Systematic improvement of educational and methodological support of the EP EMCS- educational and methodical complex for students of , EMCD- educational and methodical complex for	annually	annually	annually	annually	annually	Head of the Academic Department of the University	Updating of educational and methodological content taking into account the needs of employers, satisfaction of graduates. Advanced training of teaching staff.

	doctoral students and etc.)							
2. Improving the conditions for high-quality staffing of the EP.	1. Advanced training of teaching staff for the organization of work in new conditions (remote technologies, etc.)	annually	annually	annually	annually	annually	Head of the department, teaching staff, university management	Advanced training of teaching staff at a basic university, in energy companies, international companies and conferences.
	2. Training of own personnel by studying at the PhD doctoral program	annually	annually	annually	annually	annually	Head of the Department, Department of Postgraduate Education of the university	Increasing the number of doctoral students PhD specialty 8D07112.
	3. Participation of teaching staff in the program of external and internal academic mobility	annually	annually	annually	annually	annually	Head of the Academic Department of the University	Participation of teaching staff in the program of external and internal academic mobility, including the scholarship program "Bolashak".
	4. Invitation of leading scientists from partner universities	annually	annually	annually	annually	annually	Head of the Academic Department of the University	A plan to attract foreign scientists, including from the world's leading universities (top 400), to read courses and organize joint research projects.
3. Research and innovation activities in the development of EP.	1. Activation of scientific research at the department	annually	annually	annually	annually	annually	Head of the department, teaching staff	Attracting teaching staff, students to initiative, state-funded research. Formation of the scientific school of the leading teaching staff of the department.
	2. Participation in grant and contractual research and projects	1	2	3	4	4	Head of the department, teaching staff	An increase in the number of grant and contractual studies, including within the

								framework of grant funding of the Ministry of Education and Science of the Republic of Kazakhstan.
	3. Achievement of commercialization of the results of scientific research of the faculty of the department.			1	1	2	Head of the department, teaching staff	An increase in the number of scientific projects and programs implemented jointly with national companies and private enterprises.
	4. Stimulating and motivating students to actively participate in scientific activities	5	5	10	15	15	Head of the department, teaching staff	Participation in student conferences, creative work competitions. Involvement of students in the performance of cathedral scientific research. Organization of annual student conferences, Olympiads, competitions.
	5. The growth of publications of teaching staff, doctoral students in journals with a non-zero impact factor	2	2	3	3	3	Head of the department, teaching staff	Preparation of scientific publications in impact factor journals included in international scientometric databases (Thomson Reuters, Web of Science, Scopus, SciDirect)
4. Development of resource potential	1. Purchase of office equipment, scientific equipment, teaching aids, visual aids, etc.						Head of the Department, university management	Annual procurement plans .

	2. Creation of a new laboratory						Head of the Department, university management	Annual plans of the department - infrastructure of the department
	3. Purchase of new laboratory equipment							Annual procurement plans .
	4. Development of information and educational resources of the department (website, portal, electronic EMCS, etc.)	annually	annually	annually	annually	annually	Head of the Department, Department of Information Technology	Activities for the development of information and educational resources of the University
	5. Development of various forms of material and moral incentives for teaching staff	annually	annually	annually	annually	annually	Head of the department, teaching staff	Rating of the teaching staff

Designations:

DP - documented procedure

EP – educational program

CED – catalog of elective disciplines

MC – modular curriculum

WC – working curriculum

SC – standard curriculum

TWP– a typical work program

**Head of the Department
of "Power Engineering"**

E.A. Sarsenbayev