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***UNIVERSITY OF PRISHTINA “HASAN PRISHTINA”
THERMOENERGETICS AND RENEWABLE ENERGY MSc***

REACCREDITATION

REPORT OF THE EXPERT TEAM

26. April 2021



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1. INTRODUCTION

1.1. Context

Date of online evaluation: 23rd March 2021

Expert Team (ET):

- Prof. Dr. Gábor Dombay

Coordinators from Kosovo Accreditation Agency (KAA):

- Naim Gashi, Executive Director of KAA
- Shkelzen Gerxhaliu, Senior Officer for Evaluation and Monitoring
- Arianit Krasniqi, Senior Officer for Evaluation and Accreditation
- Leona Kovaci, Senior Officer for Evaluation and Monitoring
- Ilirjane Ademaj, Senior Officer for Evaluation and Monitoring

Sources of information for the Report:

- Self-Evaluation Report (SER) submitted by University of Prishtina;
- Information obtained during the online meetings;
- Meetings conducted with the management of the institution and program, quality assurance representatives and administrative, teaching staff, students, graduates, employers of graduates and external stakeholders;
- Supplementary documents requested by the ET.

Criteria used for program evaluation:

- KAA Accreditation Manual 2018



1.2. Online meeting schedule

23rd March 2021

09.00 – 09.40	Meeting with the management of the faculty where the programme is integrated (no slide presentation is allowed, the meeting is intended as a free discussion)
09:45 – 10:25	Meeting with quality assurance representatives and administrative staff
10:30 – 11:10	Lunch break
11:00 – 12:10	Meeting with the heads of the study programme 1. Thermoenergetic and Renewable Energy, BSc
12:15 – 13:15	Meeting with the heads of the study programme 2. Thermoenergetic and Renewable Energy, MSc
13:20 – 14:00	Meeting with teaching staff
14:05 – 14:45	Meeting with students
14:50 – 15:30	Meeting with graduates
15.35 – 16:15	Meeting with employers of graduates and external stakeholders
16.15 – 16:25	Internal meeting of KAA staff and experts
16:25 – 16:35	Closing meeting with the management of the faculty and program

No	Study programs	Experts	Responsible persons of study programs		
2	Thermoenergetic and Renewable Energy, MSc (Reaccreditation)	Prof. Dr. Gábor Dombay	Xhevat Berisha	Naser Sahiti	Fitore Mustafa Abdullahu



1.3. A brief overview of the institution and programs under evaluation

The **Faculty of Mechanical Engineering (FME)** as an academic unit of the **University of Prishtina**, the largest public institution of higher education in Kosovo since 1971/72. The main role of a modern academic unit for democratic society, is to provide professional education and upgrades by following contemporary scientific developments in the relevant field of studies. The FME mission is to train students in the fields of mechanical engineering, industry, technology, transport, mechatronics etc., for the labor market; contributes to scientific development, research and education, cooperation with economics, public institutions, companies by carrying out scientific-research work, development and professional projects in the field of engineering and industry.

Mission objectives:

- Improving the quality of teaching at the higher education level,
- Improvement of scientific-research work in engineering fields,
- Preparing students for the job market,
- Care for the integrated development of FME students and staff,
- Rational use of financial resources,
- Increasing cooperation with the state economy and public institutions,
- Cooperation with other higher education institutions at national, regional and international level,
- Cooperation for projects with local and international institutions,
- Technology and innovation development, and
- Adaptation to European standards.

Teaching and research are main activities of this academic unit. The activity is characterised by the interaction between teaching and research activity.

The Faculty of Mechanical Engineering offers the following study programs:

- Design Engineering and Vehicles (BSc),
- Manufacturing and Automation (BSc),
- Manufacturing and Industrial Engineering with Management (MSc),
- **Thermoenergetics and Renewable Energy (BSc & MSc)**,
- Communication and Transport (BSc),
- Road Traffic (MSc),



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- Mechatronics - (BSc & MSc),
- Industrial Engineering and Management (BSc).

At the Faculty of Mechanical Engineering, the following programme is for reaccreditation:
Thermoenergetics and Renewable Energy MSc.

The study programme is summarized in the following table of the **SER**:

Name of the study program	THERMOENERGETICS AND RENEWABLE ENERGY
KKK Categorization: (<i>BA, MA, BSc MSc PhD, doctorate, university course, professional diploma</i>)	MSc (Master)
Academic Categorization and name of diploma in the full and short form	Master of Mechanical Engineering, Study program: Thermoenergetics and Renewable Energy
Erasmus Subject Area Codes (ESAC)	06.1 Mechanical Engineering 06.9 Others Engineering, Technology 04.5 Industrial Relations and Personnel Management 04.9 Other Business Studies, Management Science
The specialization of the program:	<i>Thermoenergetics and Thermotechnics Renewable Energy Systems</i>
Minimal length of studies:	2 years
Form of study (regular, without exception from work, distance learning, etc.).	Regular
Number of ECTS (total and per year)	120 ECTS



<p><i>Modules Subjects</i></p>	<p>Profile: THERMOENERGETICS AND THERMOTECHNICS</p> <p><u>First Year Semester I and II</u></p> <p>Mathematics III, Heat and mass transfer, Thermal comfort, Designing in thermoenergetics, Numerical simulation of heat transfer, Vessel under pressure, Energy efficiency of thermal equipment, Dynamic of processes, Air conditioning systems, Power plants, Thermal turbomachinery, Sustainable energy systems, Energy and exergy analysis of working cycles, Thermal pumps.</p> <p><u>Second Year Semester III and IV</u></p> <p>District heating and thermal networks, Combustion systems, Energy management, Fluid flow modelling, Technical gases, Hydraulic analysis of thermal networks, Regulation of thermal processes, Professional Practice, Diploma Thesis Master.</p>
<p><i>Modules Subjects</i></p>	<p>Profile: RENEWABLE ENERGY SYSTEMS</p> <p><u>First Year Semester I and II</u></p> <p>Mathematics III, Heat and mass transfer, Thermal comfort, Biomass energy systems, Design in Thermoenergetics, Energy Efficiency in Thermal Equipment, Numerical simulation of heat transfer, Thermal and Photovoltaic Solar Systems, Energy of water resources, Air conditioning systems, Heat pumps, Sustainable energy systems, Economy and energy planning, Environmental engineering.</p> <p><u>Second Year Semester III and IV</u></p> <p>Wind energy systems, Energy balance in buildings, Applied hydraulics, Geothermal energy systems, Hydraulic analysis of thermal networks, Energy management, Regulation of thermal processes, Professional Internship, Diploma Thesis Master.</p>
<p>Number of places for study: <i>Profile: Thermoenergetics and Thermotechnics</i></p>	<p>15</p>
<p>Number of places for study:</p>	<p>15</p>



<i>Profile: Renewable Energy Systems</i>	
Chief of the study profile	Prof. Dr. Xhevat Berisha
Permanent Staff Scientific Artistic (Number of personnel by category)	7 full-time professors 1 full-time teaching assistant 1 laboratory assistants 3 External (part-time) professors 4 External (part-time) teaching assistants
Study fees	Euro 100 /student year

The main goal of the Thermoenergetics and Renewable Energy Master Program is to provide students with advanced knowledge in the field of Thermoenergetics and Renewable Energy systems. In addition to that, they will be trained to plan and operate advanced thermal energy systems, design high efficient energy systems including conventional and integrated with modern energy systems supporting the energy transition towards low carbon economy, analysing, designing and implementation of clean energy production systems from alternative sources, focusing on renewable energy resources, evaluate the possibilities of greater penetration of renewable energy sources into the country's energy system and thus actively supporting the transition of society towards a society that meets its energy demand through environmentally friendly, reliable and sustainable energy systems in terms of primary energy resource utilization.

The mission of the Thermoenergetics and Renewable Energy study program is to provide high-quality studies, within an attractive study environment, which would enable students to be educated and trained on advanced thermal and integrated energy systems, to apply knowledge gained by integrating such technologies with socio-economic and financial parameters, to demonstrate the leadership and strategic decision-making skills regarding the implementation of sustainable thermal and modern integrated energy systems in practice.

Thermoenergetics and Renewable Energy Specialists are educated to demonstrate the necessary skills in these areas taking into account a wide range of relevant engineering fields as well as interrelated competencies, to effectively combine different aspects for sustainable operation of respective energy systems.



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The Master's degree program in Thermoenergetics and Renewable Energy aims to provide students with modern opportunities and infrastructure for in-depth study of all significant aspects of modern thermotechnical and renewable energy systems, adequate to support the transition towards low carbon society.

The field of thermoenergetics and renewable energy today, at a time of comprehensive efforts to mitigate climate problems and ensure a sustainable energy supply based on environmentally friendly solutions, has gained significant importance for determining economic development of the country in the coming decades.



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2. PROGRAM EVALUATION

The program evaluation consists 7 sub headings through which the educational process content, students, research and resources are assessed, as well as quality assurance, mission and objectives, according to the requirements of KAA Accreditation Manual 2018.

2.1. Mission, objectives and administration

The Self Evaluation Report (SER) follows the structure of the Accreditation Manual, which greatly helps the reaccreditation process. The SER is clearly written, and includes all of the necessary points needed for the reaccreditation process

There are many SWOT analyses included in the SER, complying with the requirements of KAA. The advantage of these analyses are that weaknesses are clearly expressed, which were useful for the ET in the evaluation process, but also for the institution.

The mission statements are clearly defined in compliance with the overall mission statement of University of Prishtina.

As the ET was informed during the meetings, and also described in the SER, professional advice and consultation was taken into account in the creation of the curricula of the MSc programme. Didactic and research concepts are defined. Formal policies, guidelines and regulations are set, although as the concerning documents are in Albanian, the ET cannot examine its content.

Key Performance Indicators are defined and used in the performance evaluation of the programme.



Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 1.1.</i> The study program mission is in compliance with the overall mission statement of the institution.	X	
<i>Standard 1.2.</i> Relevant academic and professional advice is considered when defining the intended learning outcomes which are consistent with the National Qualifications Framework and the Framework for Qualifications of the European Higher Education Area.	X	
<i>Standard 1.3.</i> The study program has a well-defined overarching didactic and research concept.	X	
<i>Standard 1.4.</i> There are formal policies, guidelines and regulations dealing with recurring procedural or academic issues. These are made publicly available to all staff and students.	X	
<i>Standard 1.5.</i> All staff and students comply with the internal regulations relating to ethical conduct in research, teaching, assessment in all academic and administrative activities.	X	
<i>Standard 1.6.</i> All policies, regulations, terms of reference and statements of responsibility relating to the management and delivery of the program are reviewed at least once every two years and amended as required in the light of changing circumstances	X	

Compliance level: 100 % - Fully compliant

ET recommendations:

1. *The research aspects of the programme mission should be presented in more clear and detailed way.*
2. *A detailed strategic research development plan should be prepared for the FME.*
3. *The SWOT analysis highlighted the weakness of acquiring new academic staff. The ET suggest that the Faculty should tackle this problem, a medium and long term strategic staff development plan should be prepared and executed.*



2.2. Quality management

Based on the structure and elaborateness of the SER, and also on the discussions with the quality management representatives, the ET was impressed by the level of quality management at the Faculty. All of KAA standards were addressed in the SER. The Faculty has a QA committee, quality surveys and feedback mechanisms are established. Faculty advisory board and the alumni association are important elements in the feedback mechanism.

The basis of the QA is the electronic SEMS system, which can make surveys, evaluation and feedback processes fairly effective, and enables the integration of the actual academic data of the study programs in these processes. Student participation is ensured also by the SEMS system. The survey reports are not public though, which does not comply with KAA requirements (Standard 2.6.). The questionnaires used in quality assessments are presented in the SER.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 2.1.</i> All staff participate in self-evaluations and cooperate with reporting and improvement processes in their sphere of activity.	X	
<i>Standard 2.2.</i> Evaluation processes and planning for improvement are integrated into normal planning processes.	X	
<i>Standard 2.3.</i> Quality assurance processes deal with all aspects of program planning and delivery, including services and resources provided by other parts of the institution.	X	
<i>Standard 2.4.</i> Quality evaluations provide an overview of quality issues for the overall program as well as of different components within it; the evaluations consider inputs, processes and outputs, with particular attention given to learning outcomes for students	X	
<i>Standard 2.5.</i> Quality assurance processes ensure both that required standards are met and that there is continuing improvement in performance.	X	
<i>Standard 2.6.</i> Survey data is being collected from students, graduates and employers; the results of these evaluations are made publicly available.		X
<i>Standard 2.7.</i> Results of the internal quality assurance system are taken into account for further development of the study program. This includes evaluation	X	



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results, investigation of the student workload, academic success and employment of graduates.		
<i>Standard 2.8.</i> The institution ensures that reports on the overall quality of the program are prepared periodically (eg. every three years) for consideration within the institution indicating its strengths and weaknesses.	X	
<i>Standard 2.9.</i> The quality assurance arrangements for the program are themselves regularly evaluated and improved.	X	

Compliance level: 89% - Substantially compliant

ET recommendations:

1. *Quality evaluations should be made publicly available. A bilingual website for quality management can be a mean for this.*



2.3. Academic staff

Based on the staff CVs the ET considers that teaching staff complies with the relevant legal requirements, they possess the necessary qualifications needed for each study program.

According to the SER, the teaching staff is comprised by 12 professors and assistants. 9 of them are full time, 3 are part time employees. The 50% criteria for full time staff of Standard 3.4. is fulfilled (being 75%).

The ET was informed during the interviews that UP provides trainings of teaching methodology for staff members having QA issues, which is considered beneficial. (Standard 3.6.)

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 3.1.</i> Candidates for employment are provided with full position descriptions and conditions of employment. To be presented in tabular form data about full time (FT) and part time (PT) academic/ artistic staff, such as: name, qualification, academic title, duration of official (valid) contract, workload for teaching, exams, consulting, administrative activities, research, etc. for the study program under evaluation.	X	
<i>Standard 3.2.</i> The teaching staff must comply with the legal requirements concerning the occupation of teaching positions included in the Administrative instruction on Accreditation.	X	
<i>Standard 3.3.</i> Academic staff do not cover, within an academic year, more than two teaching positions (one full-time, one part-time), regardless of the educational institution where they carry out their activity.	X	
<i>Standard 3.4.</i> At least 50% of the academic staff in the study program are full time employees, and account for at least 50% of the classes of the study program.	X	
<i>Standard 3.5.</i> For each student group (defined by the statute of the institution) and for every 60 ECTS credits in the study program, the institution has employed at least one full time staff with PhD title or equivalent title in the case of artistic/applied science institutions.	X	



<i>Standard 3.6.</i> Opportunities are provided for additional professional development of teaching staff, with special assistance given to any who are facing difficulties.	X	
<i>Standard 3.7.</i> The responsibilities of all teaching staff, especially full-time, include the engagement in the academic community, availability for consultations with students and community service.	X	
<i>Standard 3.8.</i> Academic staff evaluation is conducted regularly at least through self-evaluation, students, peer and superiors' evaluations, and occur on a formal basis at least once each year. The results of the evaluation are made publicly available.		X
<i>Standard 3.9.</i> Strategies for quality enhancement include improving the teaching strategies and quality of learning materials.	X	
<i>Standard 3.10.</i> Teachers retired at age limit or for other reasons lose the status of full-time teachers and are considered part-time teachers.	X	

Compliance level: 90% - Substantially compliant

ET recommendations:

- 1. Academic staff evaluation has to be made publicly available.*
- 2. As the ET already recommended in chapter 2.1., establishing strategic staff development planning is a must for the Faculty. The ageing nature of the teaching staff coupled with difficulties for acquiring new teaching staff, and the difficulties of developing academic carriers might impose substantial staff problems in the future. As in a master programme the scientific qualification of staff is more emphasized than of a bachelor, the need to increase the PhDs in the staff has to be focused upon.*



2.4. Educational process content

In SER, descriptions of the modules/subjects are provided for the study program. The syllabuses are also publicly available.

In the MSc programme the ratio of theory and practice related subjects strongly inclines towards the practical side. The role of MSc programmes is not only to provide in-depth technical knowledge but to lay certain foundations for prospective PhD studies. There are very few subjects in the curricula that reflects this view (Mathematics III. and some elective subjects). There are basically no subjects concerning the socio-economic aspects of energy engineering and sustainability. The low number (5) of subjects per semester with their respectively high ECTSs (6) would give ample room for inserting one more subject per semester to tackle these issues.

During the interview with former graduates some of them could communicate only in Albanian language. The language proficiency of graduates is to be improved, it is expected from master graduates. Some of the graduates would prefer a subject in electrotechnics, as this knowledge is highly required in the professional field.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 4.1.</i> The study program is modelled on qualification objectives. These include subject-related and interdisciplinary aspects as well as the acquisition of disciplinary, methodological and generic skills and competencies. The aspects refer especially to academic or artistic competencies, to the capability of taking up adequate employment, contributing to the civil society and of developing the students' personality.	X	
<i>Standard 4.2.</i> The study program complies with the National Qualifications Framework and the Framework for Qualifications of the European Higher Education Area. The individual components of the program are combined in a way to best achieve the specified qualification objectives and provide for adequate forms of teaching and learning.		X



<i>Standard 4.3.</i> The disciplines within the curriculum are provided in a logical flow and meet the definition and precise determination of the general and specific competencies, as well as the compatibility with the study programs and curricula delivered in the EHEA. To be listed at least 7 learning outcomes for the study program under evaluation.	X	
<i>Standard 4.4.</i> The disciplines within the curriculum have analytical syllabuses which comprise at least the following: the discipline's objectives, the basic thematic content, learning outcomes, the distribution of classes, seminars and applicative activities, students' assessment system, the minimal bibliography, etc. The full course description/ syllabuses of each subject/ module should be attached only in electronic form to the self-assessment report for the study program under evaluation.	X	
<i>Standard 4.5.</i> If the language of instruction is other than Albanian, actions are taken to ensure that language skills of both students and academic staff are adequate for instruction in that language when students begin their studies. This may be done through language training prior to the commencement of the program.	X	
<i>Standard 4.6.</i> The student-teacher relationship is a partnership in which each assumes the responsibility of reaching the learning outcomes. Learning outcomes are explained and discussed with students from the perspective of their relevance to the students' development.	X	
<i>Standard 4.7.</i> Teaching strategies are fit for the different types of learning outcomes programs are intended to develop. Strategies of teaching and assessment set out in program and course specifications are followed with flexibility to meet the needs of different groups of students.	X	
<i>Standard 4.8.</i> Student assessment mechanisms are conducted fairly and objectively, are appropriate for the different forms of learning sought and are clearly communicated to students at the beginning of courses.	X	
<i>Standard 4.9.</i> Appropriate, valid and reliable mechanisms are used for verifying standards of student achievement. The standard of work required for different grades is consistent over time, comparable in courses offered within a program, and in comparison with other study programs at highly regarded institutions.	X	
<i>Standard 4.10.</i> Policies and procedures include actions to be taken in to dealing with situations where standards of student achievement are inadequate or KAA inconsistently assessed.	X	
<i>Standard 4.11.</i> If the study program includes practice stages, the intended student learning outcomes are clearly specified and effective processes are followed to ensure that those learning outcomes and the strategies to develop that learning are understood by students. The practice stages are allocated ETCS credits and the work of the students at the practical training organisations	X	



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is monitored through activity reports; students during practice stages have assigned tutors among the academic staff in the study program.		
<i>Standard 4.12.</i> In order to facilitate the practice stages, the higher education institution signs cooperation agreements, contracts or other documents with institutions/organisations/practical training units. <i>*To be inserted the overview of the program (with all areas to be filled out).</i>	X	

Compliance level: 92% - Fully compliant

ET recommendations:

1. *Insert on more subject per semester and respectively decrease the ECTSs of the subjects to comply with the need of socio-economic and scientific subjects.*
2. *To improve the language proficiency of the students, some courses should be offered in a foreign language also.*



2.5. Students

All academic activity of the students are recorded in the SEMS informatics system, and QA procedures, surveys and feedback utilize the system.

The structure of the teaching programme and the timing of the classes help students to undertake their work obligation during their studies, which, as the ET was informed, is usual among MSc student. It is a reasonable step towards increasing the number of enrolled students and mitigate drop-out numbers.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 5.1.</i> There is a clear and formally adopted admission procedure at institutional level that the study program respects when organising students' recruitment. Admission requirements are consistently and fairly applied for all students.	X	
<i>Standard 5.2.</i> All students enrolled in the study program possess a high school graduation diploma or other equivalent document of study, according to MEST requirements.	X	
<i>Standard 5.3.</i> The study groups are dimensioned so as to ensure an effective and interactive teaching and learning process.	X	
<i>Standard 5.4.</i> Feedback to students on their performance and results of assessments is given promptly and accompanied by mechanisms for assistance if needed.	X	
<i>Standard 5.5.</i> The results obtained by the students throughout the study cycles are certified by the academic record.	X	
<i>Standard 5.6.</i> Flexible treatment of students in special situations is ensured with respect to deadlines and formal requirements in the program and to all examinations.	X	
<i>Standard 5.7.</i> Records of student completion rates are kept for all courses and for the program as a whole and included among quality indicators.	X	
<i>Standard 5.8.</i> Effective procedures are being used to ensure that work submitted by students is original.	X	



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<i>Standard 5.9.</i> Students' rights and obligations are made publicly available, promoted to all those concerned and enforced equitably; these will include the right to academic appeals.	X	
<i>Standard 5.10.</i> The students' transfer between higher education institutions, faculties and study programs is clearly regulated in formal internal documents.	X	
<i>Standard 5.11.</i> Academic staff is available at sufficient scheduled times for consultation and advice to students. Adequate tutorial assistance is provided to ensure understanding and ability to apply learning.	X	

Compliance level: 100% - Fully compliant

ET recommendations:

- 1. Alumni activity of master graduates should be emphasized, as it would be most beneficial for the Faculty.*



2.6. Research

One of the SWOT analyses (SER page 38) identifies certain weaknesses as follows:

- Lack of sufficient funds for research activities,
- Lack of funds to support strategic plans,
- Lack of doctoral studies for the advancement of research-scientific work
-

The evaluation of the TRE BSc programme already highlighted the issues about the research activity of FME and also this technical field in particular. The research requirements of an MSc programme are higher, as a master programmes is the prerequisite of prospective PhD studies. These research related issues are crucial in the case of the MSc programme.

The ET has expressed a number of times during previous evaluations at UP, that a clear and specific research strategy has to be created. Although, according to SER, the University has a Research Development Plan, it has clearly not been broken down to faculty level, nor even further to departmental level, with study program specializations. Research activity is still based on individual initiatives, which are although beneficial, are not subsequent and fairly accidental. This shortcoming unfortunately is well reflected by the MSc teaching staff's CVs: there are only a very few publications from the recent years. According to the role of universities in research, scientific and technical development, and also the KAA standard requirements, UP, including its FME should put a significant effort to bring up its research and publication activity to a higher level.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 6.1.</i> The study program has defined scientific/applied research objectives (on its own or as part of a research centre or interdisciplinary program), which are also reflected in the research development plan of the institution; sufficient financial, logistic and human resources are allocated for achieving the proposed research objectives.		X



<i>Standard 6.2.</i> Expectations for teaching staff involvement in research and scholarly activities are clearly specified, and performance in relation to these expectations is considered in staff evaluation and promotion criteria.		X
<i>Standard 6.3.</i> Clear policies are established for defining what is recognized as research, consistent with international standards and established norms in the field of study of the program.	X	
<i>Standard 6.4.</i> The academic staff has a proven track record of research results on the same topics as their teaching activity.	X	
<i>Standard 6.5.</i> The academic and research staff publish their work in speciality magazines or publishing houses, scientific/applied/artistic products are presented at conferences, sessions, symposiums, seminars etc. and contracts, expertise, consultancy, conventions, etc. are provided to partners inside the country and/or abroad.	X	
<i>Standard 6.6.</i> Research is validated through: scientific and applied research publications, artistic products, technological transfer through consultancy centres, scientific parks and other structures for validation.		X
<i>Standard 6.7.</i> Each academic staff member and researcher has produced at least an average of one scientific/applied research publication or artistic outcome/product per year for the past three years.		X
<i>Standard 6.8.</i> Academic and research staff publish under the name of the institution in Kosovo they are affiliated to as full time staff.	X	
<i>Standard 6.9.</i> Academic staff are encouraged to include in their teaching information about their research and scholarly activities that are relevant to courses they teach, together with other significant research developments in the field.	X	
<i>Standard 6.10.</i> Policies are established for ownership of intellectual property and clear procedures set out for commercialization of ideas developed by staff and students.	X	
<i>Standard 6.11.</i> Students are engaged in research projects and other activities.	X	

Compliance level: 64% - Substantially compliant

ET recommendations:

- In the framework of UP's Research Development Plan, create a detailed research strategy and research development plan for the Faculty, specifying the involvement of every department, emphasizing co-operations and possible synergies. Every study program is to be integrated in the research development plan, giving specific and realistic directions. In this sense special emphasis to be directed towards the master programme.*



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2. *The management of the Faculty should establish funding opportunities, and effectively support the departments and the staff to establish and carry out research projects, in accordance with the research development plan.*
3. *The Faculty should create a publication strategy within the framework of the research strategy. As KAA standards put an emphasis on the publication activity, the Faculty must take consider it a crucial strategic question in the reaccreditation procedures in the future.*



2.7. Infrastructure and resources

University of Prishtina has put a significant effort to improve its infrastructural condition during the last years. There has been substantial reconstructions in the main Faculty building and the laboratory building. The ET appreciates this effort, and can see the commitment from the management of the university.

Present report was written during the covid pandemic, lockdown situation has been going on around the world for more than a year. UP and FME adapted well to these dire restrictions, and carry out online teaching activity successfully. Only certain laboratory practical classes are held physically, in small groups, complying with the covid safety requirements.

Standard 7.6 refers to facilities adapted to students with special needs. It is a requirement which should be addressed by the Faculty in the future.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 7.1.</i> The adequate long-term implementation of the study program is ensured in quantitative terms as regards premises, human resources and equipment. At the same time, it is guaranteed that qualitative aspects are also taken into account.	X	
<i>Standard 7.2.</i> There is a financial plan at the level of the study program that would demonstrate the sustainability of the study program for the next minimum three years.	X	
<i>Standard 7.3.</i> The higher education institution must demonstrate with adequate documents (property deeds, lease contracts, inventories, invoices etc.) that, for the study program submitted for evaluation it possesses the following, for the next at least three years: a) owned or rented spaces adequate for the educational process; b) owned or rented laboratories, with the adequate equipment for all the compulsory disciplines within the curriculum, wherever the analytical syllabus includes such activities;	X	



c) adequate software for the disciplines of study included in the curriculum, with utilisation licence; d) library equipped with reading rooms, group work rooms and its own book stock according to the disciplines included in the curricula.		
<i>Standard 7.4.</i> The number of seats in the lecture rooms, seminar rooms and laboratories must be related to the study groups' size (series, groups, subgroups); the applicative activities for the speciality disciplines included in the curricula are carried out in laboratories equipped with IT equipment.	X	
<i>Standard 7.5.</i> The education institution's libraries must ensure, for each of the study programs: a) a number of seats in the reading rooms corresponding to at least 10% of the total number of students in the study program; b) a number of seats in the group work rooms corresponding to at least 10% of the total number of students in the study program; c) their own book stock from Albanian and foreign speciality literature, enough to cover the disciplines within the curricula, out of which at least 50% should represent book titles or speciality courses of recognised publishers, from the last 10 years; d) a book stock within its own library with a sufficient number of books so as to cover the needs of all students in the cycle and year of study the respective discipline is provided for; e) a sufficient number of subscriptions to Albanian and foreign publications and periodicals, according to the stated mission.	X	
<i>Standard 7.6.</i> The infrastructure and facilities dedicated to the implementation of the program is adapted to students with special needs.		X

Compliance level: 83% - Substantially compliant

ET recommendations:

1. *Create strategic action plan to adapt the infrastructure and facilities to students with special needs*
2. *Continue the effort to develop laboratory equipment.*



3. OVERALL EVALUATION AND RECOMMENDATION OF THE ET

Based on the evaluation of the actual KAA standards, the compliance level of the programme is as follows:

Standard	Compliance level	
1. Mission, objectives and administration	100%	Fully compliant
2. Quality management	89%	Substantially compliant
3. Academic staff	90%	Substantially compliant
4. Educational process content	92%	Fully compliant
5. Students	100%	Fully compliant
6. Research	64%	Substantially compliant
7. Infrastructure and resources	83%	Substantially compliant
Overall compliance	88%	Substantially compliant

In conclusion, the Expert Team recommends to re-accredit Thermoenergetics and Renewable Energy MSc study programme for a duration of 3 years, with the provision of 40 students enrolled per year.

Expert Team

Prof. Dr. Gábor Dombay

26.04.2021



4. APPENDICES

Compliance level assessment calculation

In order to assess the compliance level of each general area the following guidelines were used, as required by the KAA Accreditation manual:

1.1. fully compliant – all the standards included in a particular general area are met. If the institution exceeds the standards and meets some of the performance indicators, commendations are appropriate. This recognition provides the institution motivation to pursue even greater levels of excellence in their quality management practices;

1.2. substantially compliant –above 60 – 90% of the standards included in a particular general area are met, while the others are not yet in line with stated expectations. Also, there is potential for requirements of the standards not to be satisfied before the next review (examples may include the loss of key faculty members due to retirements, declining student enrolment, or projected reductions in financial or personnel resources, and others);

1.3. partially compliant - 30 – 60% of the standards included in a particular general area are met. Also, the institution lacks the strength of compliance with the standards to ensure that the quality of the institution will not be compromised;

1.4. non-compliant – less than 30% of the standards included in a particular general area are met. The institution does not satisfy the requirements of the standards.