



تاريخ مجيد وعهد جديد

## Achievements of Higher Education and Scientific Research Sector

(From July 01, 2021 to June 31, 2022)



Ministry of Higher Education and Scientific Research

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## A Moment of Reflection and Looking Forward

It is a **good year** and an institutional tradition that we are working to consolidate. Is considered as part of the higher education and scientific research sector new and forward-looking vision, which is based on self-evaluation, continuous evaluation, and governance mechanisms, transparency and accountability, and providing a disclosure of the sector's work, within the framework of implementing its work program included in the government's work plan, and this is for Consolidating positive practices and strengthen management based on objectives and results.

Our objective by presenting this outcome year by year, after we carried out the same process last year and presented it to the public of the university family through **the Ministry of Higher Education and Scientific Research official website** and all other available media, to enable the university group of administrators, professors, students and employees to engage in setting Challenges up in various pedagogical, research and government activities, and the process of comprehensive reform in training, research and organization.

By adopting interview as a mechanism of governance and transparency, we seek to involve the university family in expressing opinions and observations, valuing the sector's activities, highlighting the positive practices, as well as presenting thier criticisms to negative issues, and contributing to proposals and perceptions for the sector advancement, which is a collective responsibility in order to improve performance and everyone's active and positive participation, this by mobilize all the sector capabilities to implement programs and projects efficiently and effectively.

**Prof. Dr. Abdelbaki Binzaiane**  
**Minister of Higher Education and**  
**Scientific Research**

July 2022



Emphasizing also the pivotal and essential role of the university in the comprehensive and sustainable national development, as was emphasized by the President of the Republic, Mr. Abdelmadjid Tebboune in most of his interventions, in which he considered the Algerian university a locomotive for development and a leader of society to achieve prosperity . and This is done by strengthening quality assurance standards in order to improve the quality of training, research and governance, to reach the stage of creativity, renovation and

The ongoing evaluation process by adopting international references and international standards, must include all higher education institutions, as they are obliged to submit their annual earnings in the manner of the central administration, and this is for the aim that the Algerian university assumes its real and prestigious position and plays its role in building the new Algeria.

**We can Only by this raise our universities to the ranks of international universities, improve their ranking and classification, and make it more visible and readable.**

## An economic year

is the title of the challenge raised by the President of the Republic, Mr. Abdelmadjid Tebboune to push the development and prosperity. this challenge coincided with the Independence Days and Youth and the restoration of national sovereignty.

This year was also differentiated by work and state visits to several brotherly and friendly countries, made by the President of the Republic, Mr. Abdelmadjid Tebboune

where he launched on his visit to  on December 16th, 2021

**27** agreements and Memorandum of Understanding that covered several areas, including the field of education and training. Scientific research and development of border areas.

the President of the Republic received the President of , Mr. mohamedould cheikh el ghazouani, on the December 28th, 2021, this meeting culminated in the signing a number of agreements:

a cooperation agreement and an executive program extending from 2022 to 2024 in the field of higher education and scientific research, which was signed by Prof. Dr. Abdelbaki Benziane, Minister of Higher Education and Scientific Research, and his Mauritanian counterpart, Amal Sidi Ould Cheikh Abdallah.

A fraternal working visit to president of  on the 24/25 January 2022 accompanied by the Minister of Higher Education and Scientific Research, Professor Dr. Abdelbaki Benziane

for the aim of strengthening bilateral cooperation in the common interest issues between the two countries, including agreements in the field of higher education. and scientific research.

A visit to  on February 20th, 2022, which resulted in the signing of several Memorandum of Understanding and cooperation agreements between the two countries through the second executive program in the field of higher education and scientific research between the Algerian side represented by Prof. Dr. Abdelbaki Benziane and his Qatari counterpart, Minister of Education and Higher Education Buthaina Ali Jabr anNuaimi.

The President also had an official visit to  on February 22th, 2022 for the objective of consolidating bilateral relations and strengthening brotherly bonds between the two countries in several fields, including higher education and scientific research.

A visit of the President of the Republic, Mr. Abdelmadjid Tebboune to  on May 15th, 2022, accompanied by Prof. Dr. Abdelbaki Benziane, Minister of Higher Education and Scientific Research, for:



Mr. President was awarded a honorary ph.d from the prestigious Istanbul University.



signing several Memorandum of Understanding related to the sector

The President of the Republic was also a guest for his  counterpart on a international visit on May 25th, 2022, where the Memorandums of Understanding were signed in the field of training, higher education and scientific research.

This year was also marked by the convening of the eighteenth conference of ministers in charge of higher education and scientific research in the Arab world within the framework of exchanging experiences at the Arab level in the field of research under the supervision of the Arab Organization of Education, Science and Culture (ALESCO) on December 28th, 2022 at the International Conference Center Abdel Latif Rahal

And establishing of the President's vision in the field of exposure, exchange and scientific cooperation, **Prof. Dr. Abdelbaki Benziane**, Minister of Higher Education and Scientific Research, made an official visit to the Republic of Tunisia on **March 20th, 2022**



- in which the Algerian and Tunisian ministers chaired the launch of **the work of the Algerian-Tunisian symposium** for universities
- , supervising **the border cooperation revival of 5 + 5** between Algerian universities and their Tunisian counterparts located on the borders of the two countries
- supervising the launch of **25 research projects** and **06 franchise laboratories**, which were selected by the Algerian-Tunisian Mixed Committee

During the meeting of the Algerian-Egyptian Joint Higher Committee on **June 30th, 2022**



**11 Memorandums of Understanding and agreements were signed in several fields**

At the top of the will mentioned in the constitution of November 1st, 2020, and by complementing of the realisation of the institutional edifice, the Ministry of Higher Education and Scientific Research oversaw **the elections organization for constitutional law professors for membership in the Constitutional Court**, organized by the three regional symposiums of the universities of the East, Central and West. and after their official inauguration by President , Prof. Dr. "Abdelbaki Benziane" supervised **the ceremony of honoring the professors** who are members of the Constitutional Court entrusted with the responsibility of advancing the constitutional and oversight work for the sake of serving the country.

On **the occasion of the sixties independence celebration** and the national sovereignty restoration, the higher education and scientific research sector wrote a rich program in the scientific, cultural, sports and artistic fields,

- beginning with **the National Forum organization by the regional symposium of Western universities** in cooperation with the Center of Research in Social and Cultural Anthropology, mentioned as a higher education in Algeria after sixty years.
- Followed by another **national forum about the role of the Algerian University in the history of the national struggle** at the University of May 08th, 1945 in Guelma
- the Ministry of Higher Education and Scientific Research organized **the second edition of the National Scientific Week** at Farhat Abbas Setif University 01 on the occasion of the National Student Day, which falls on May 19th, from 15 to 21 May 2022, where the Minister visited 75 pavilions on food security, energy security and citizen health.
- beginning with **the National Forum organization by the regional symposium of Western universities** in cooperation with the Center of Research in Social and Cultural Anthropology, mentioned as a higher education in Algeria after sixty years.
- **organizing The National Exhibition of Higher Education and Scientific Research Products** at the Houari Boumediene University of Science and Technology was organized on 28th and 29th June 2022, in which several university institutions, research centers, scientific clubs and incubators participated, highlighting the most important findings of the sector in advanced research and innovation in artificial intelligence. Information and communication technologies, smart agriculture and others, as well as sports, artistic and cultural competitions.
- In the same context of the sixtieth anniversary of Independence and Youth Days and the restoration of national sovereignty celebration, Prof. Dr. Abdelbaki Benziane, Minister of Higher Education and Scientific Research, accompanied by the Minister of Labor, Employment and Social Security, supervised on the second Saturday of July 2022 the activities of **the sixth and seventh batches of the Social Security Higher School graduation ceremony to Honor Outstanding Students**
- The Minister also supervised on the second 2nd of July 2022, accompanied by a number of ministers from the government staff, the graduation activities of the 60th batch of students from the Agriculture National High School, in the presence of teachers and students of the school, besides of students honoring. On the **ceremony sidelines, a memorial service was held for the deceased Sid Ahmed Ferroukhi the ex- Minister, for honoring his the family.**

The efforts of the higher education sector continued to implement its work plan. After presenting the outcome of the previous year to you, here is the outcome of the sector **from July 1, 2021 to July 2, 2022**





# Education & Training



تاريخنا مجدنا

## The General Directorate of Education & Training

Within the framework of the reforms and the new forward-looking vision related to training reform adopted by the Ministry of Higher Education and Scientific Research, the General Directorate of Education and Training implemented a number of operations:

### the first and second cycle the General Directorate of Education made a number of decisions, as follows:



**Ministerial Circular No. 01** related to Applying the health protocol at the level of institutions of higher education and scientific research

**Issuance of Ministerial decision No. 917/** on August 17th, 2021 defines the enrollment conditions and the guidance modalities and enrollment in the second cycle to obtain a master's degree

**Issuance of decision No 915** on August 08th, 2021, which determines the exceptional provisions authorized with regard to the organization and functioning of pedagogical committees, evaluation and student mobility during the COVID-19 period.

- Teaching style in pedagogical teams(dual style)
- +
- Attendance education among the curricular units  
E-Learning in the episodic and exploratory units

Taking into account that there is no interruption between the professor and the student for a period of 15 consecutive days for the first year students of the 1st phase.

In addition, a number of decisions were issued regarding: Updating evaluation programs and curricula in the medical sciences, through the implementation of a number of decisions:

**Decision No 914** on 08th August 2021, which defines the study program for the fourth year.

**Decision No 1109** issued on October 04th, 2021, which defines how to organize and select the second stage medical students.



**Decision No654** of June 14th, 2021, amending and supplementing decision No. 4372, which provides for the establishment of the National Pedagogical Committee in the Medical Division.

### Resolutions were also issued specifying the conditions for enrolling in the second cycle competitions in High Schools:

of the available pedagogical seats is allocated for the students benefit with the best ranking in the school



Of the remaining pedagogical places are subject to a competition on the basis of written tests specializing:



Students of universities and university centers who passed two years of university studies without registering an academic delay



Those who are not accepted into the competition on the basis of the certificate



The remaining students of the school



Students of other schools in the same field

**10** choices at most **keeping** **6** choices at least

There are at least two options in the LMD system

- Re-change domains with national registration to convert them to domains with local or regional registration

The directorate has worked hard to give first- and second-year students the opportunity to train, through:

480 training offers in the bachelor's degree  
800 training offers in the master's for universities



for High schools



The Directorate worked hard for ensuring the adequated preparation for the upcoming university entrance 2022/2023, through:



Signing of Ministerial Circular No. 01 related to the initial registration and guidance for holders of the baccalaureate degree 2022 with the introduction of some amendments compared to previous years



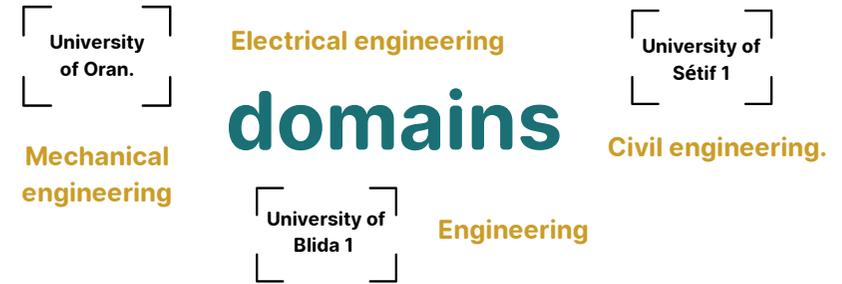
Allow new baccalaureate holders whose belong to the active category of elite in athletes and recognized by the government and by Sports Ministry, to enroll in the field of physical and sports techniques and activities.



make a Separation between the Computer Science and Mathematics Domains. As for the High Schools, there will also be a separation between the two domains of Mathematics and Physics in the field of Exact Sciences, by allowing new baccalaureate holders to enroll directly in these domains.



Expanding the work with the exact arithmetic average for directing baccalaureate holders, including the field of mathematics and computer science, as well as the domains which are allowed to join exclusively, for holders of a technical mathematics baccalaureate degree, which are as follows:



The directorate also worked to create new training points at the level of Algiers, through:

The merger of two higher schools, the École Normale Supérieure of Applied Sciences and the École des Sciences of Technology, to create the National Higher School of Advanced Technologies at the University Pole in Algiers

Merging the Higher School of Mines and Minerals and the Higher School of Industrial Technologies to create a National Higher School of Technology and Engineering in Annaba



Introducing new national higher schools for desert agriculture at the level of Adrar and El oued

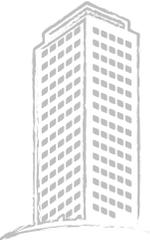
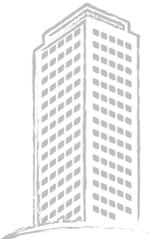
Opening the Faculty of Pharmacy at the University of Ben Youssef Ben Khedda Algiers 01, and rehabilitating it to guarantee trainings in the first and second phases, in addition to the classical trainings in pharmacy.

To ensure safe control and safety of procedures, the sector **relied on the digital platform Progres** from the start of the process of depositing training offers by university institutions until the end of the evaluation stage of these offers by experts of regional seminars

**PhD Training Directorate**

This directorate relied on preparing a set of decisions to determine and organize enrollment in training in the third phase, which included the following:

**Ph.D. training in the classical system**

	Qualification of <b>34</b> a university institution		[ Pursuant to Resolution 909 of 5 August 2021 ]
	Authentication of <b>238</b> Qualification request in a doctorate of sciences		
	Qualification of <b>16</b> a university institution		[ Resolution No. 2263 of November 17, 2021 amending and completing Resolution 909 . was issued ]
	Authentication of <b>68</b> Qualification request in a doctorate of sciences		

 **The release of Memorandum No. 940** of November 8, 2021 related to the organization of training in phase 3 for the current season, in which it was emphasized that the presentation of training offers in the doctorate must be in accordance with the new vision that aims at the necessity of matching the doctorate with the requirements of the economic and social environment



Supplying **Resolution No. 028** of January 9, 2022, which specifies how to join and organize the training in the third cycle, and the conditions for preparing and discussing a doctoral thesis

Preparing **Memorandum No. 15** of January 9, 2022 on how to organize and conduct the entrance competition for a doctoral degree entitled University Scholarship 2021-2022



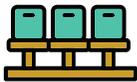
**Ministerial Resolution No. 33** of January 13, 2022, which includes the qualification of higher education institutions to ensure training to obtain a doctorate



7 university centers      School 23      University 52

**82** university institutions have been rehabilitated, including:

**72 domains 629 major**

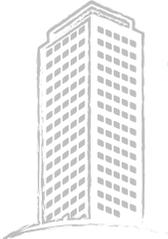
5666 open pedagogical seat 

2831 A seat for the humanities and social sciences  
science and technology seat 2835

163403 candidate   
PhD training competition

competitions were organized 1891 during the period (February 20 to March 20)

### Post-graduation

Qualification of 26 a university institution 

in total 64 formation  
1806 pedagogical seat 

According to  
Resolution 176 of  
February 17, 2022

### joint ministerial decisions

A joint ministerial decision dated October 16, 2021 to qualify the Military Polytechnic School for Training to obtain a doctorate and define its pedagogical programs.

A supplementary joint ministerial decision dated March 20, 2021, between the Ministry of Higher Education and Scientific Research and the Ministry of National Defense includes the qualification of the Military Polytechnic School for Training to obtain a Ph.D. It defines its pedagogical programs as the academic year 2021-2022

A draft joint ministerial decision has been sent, between the Ministry of Higher Education and Scientific Research and the Ministry of Defense of the homeland, for signature, which includes the opening of a specialized training in national security at the Institute of Graduate Studies in National Security and defines its pedagogical programs for the academic year 2021-2022



### Orientation for foreign students

In the year 2021-2022, in coordination with the Directorate of Cooperation and Exchange between Universities, it was directed:

59 student



46 Palestinian



11 Mauritanian



1 Iraqi



1 Saudi

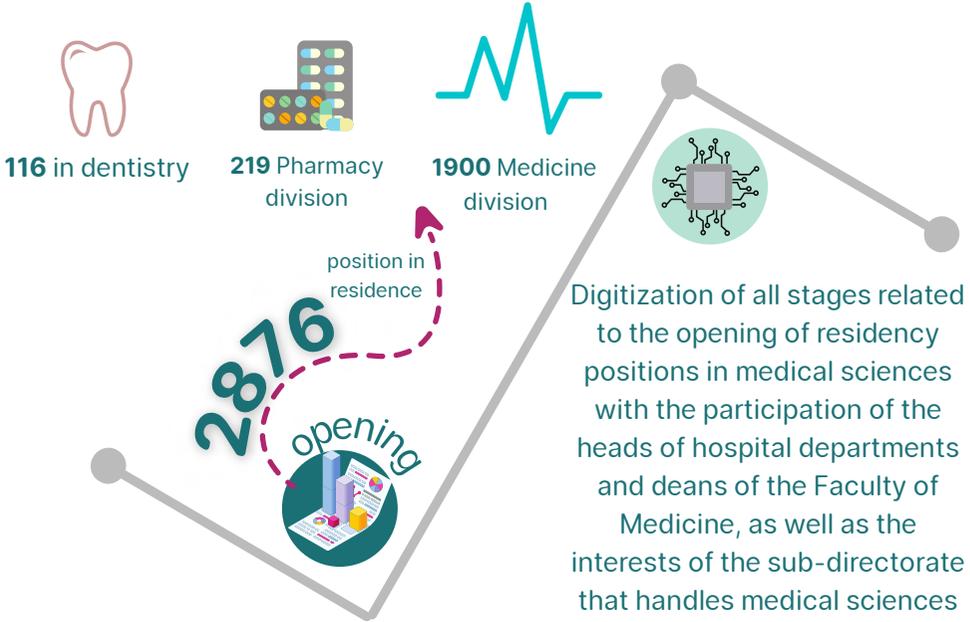
Directing the candidates of the Ministry of National Defense at the university level to pass the entrance competition for training to obtain a doctoral degree



In the period between January 2021 and April 30, 2022, **663 decisions** were issued regarding the qualification of scientific bodies, distributed as follows:

**217 decision** west side      **254 decision** east side      **192 decision** center side

**Postgraduate training in medical sciences**



**Directorate of Higher Training**

- Continue to accompany higher training institutions affiliated with other ministerial departments in order to adapt to the provisions of Executive Decree 18-263.
- Pedagogical guardianship of the Higher School of Geodesy and Space Technologies of the Algerian Space Agency and the First Ministry
- Transforming the Higher School for Social Security outside the university into a higher school in accordance with the provisions of Executive Decree No. 16-176
- Participation in the competition for admission to higher training institutions affiliated to other ministerial departments
- Studying applications for granting pedagogical guardianship to some institutions affiliated to ministerial departments such as national education and commerce.

**Sub-Directorate of Pedagogical Guardianship**

Within the framework of the exercise of pedagogical guardianship over institutions of higher training affiliated to other ministerial departments in accordance with the provisions of Executive Decree No. 18-263 of October 17, 2018, which defines the conditions for granting pedagogical guardianship and the modalities of its exercise, the Sub-Directorate carried out the following operations:

- The first evaluation, took place on February 10, 2021, included three institutions:



- The second evaluation, was completed on October 21, included 7 institutions:

- **Higher Institute of Foreign Languages**
- **Training institute in insurance and management**
- **Institute of Business Administration (Ansim Sup)**
- **Business School**
- **Training school in management techniques**
- **Institute of Optometry**
- **Institute of Business Administration in Algeria**

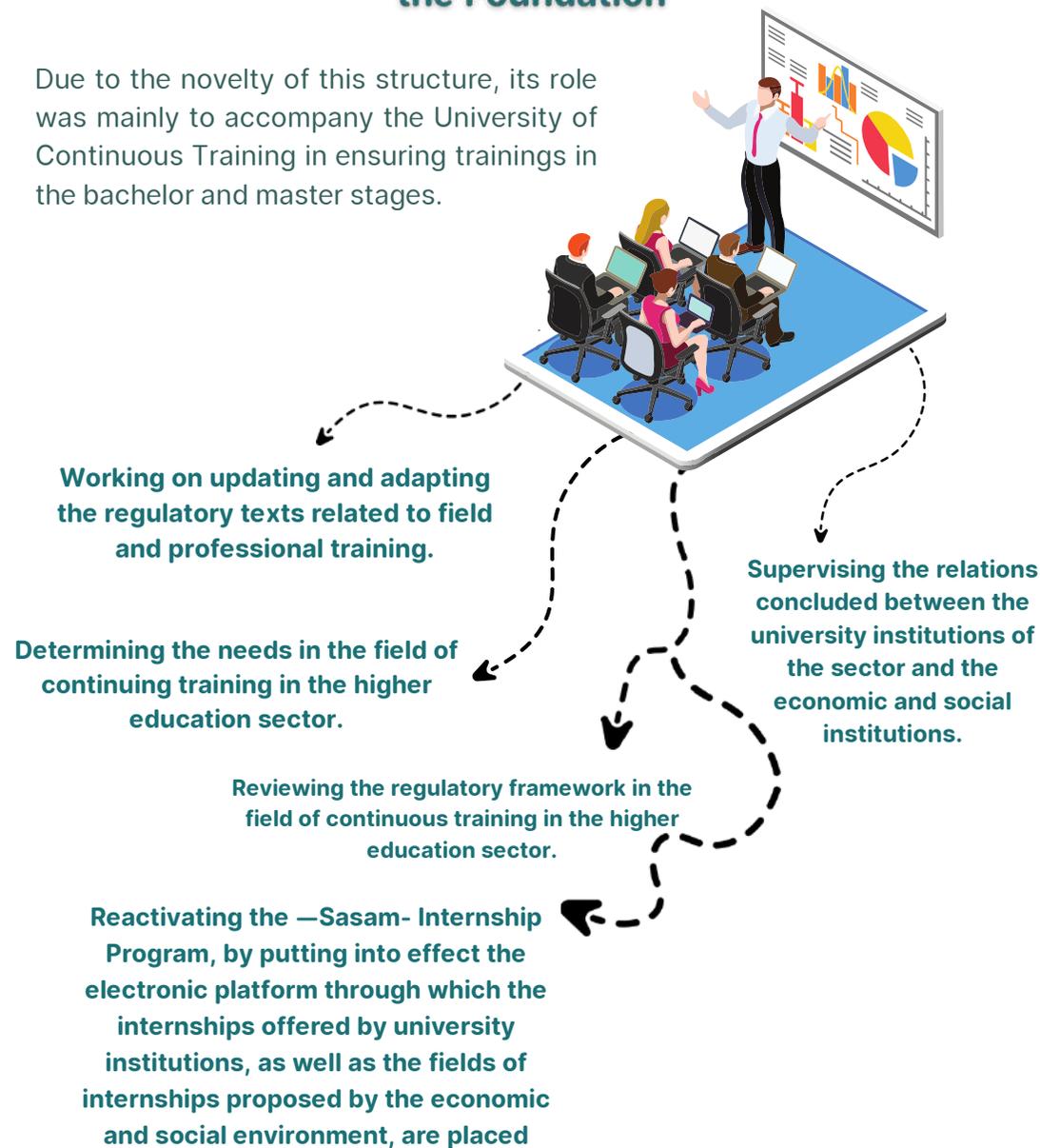
**Sub-Directorate of Private Institutions for Higher Training**

## This evaluation allowed to :

1. **identify some of the imbalances** regarding the training offers that, despite their qualification, have not been activated.
2. - **Withdrawing the accreditation**, granted by the Ministry of Higher Education, from the Institute of Electronics and Mechanics in Algiers, and the redistribution of enrolled students.
3. - **Supervising the status of the Institute of Mining and Development**, and take precautionary measures pending a decision by the competent authorities.
4. - After the positive evaluation of some institutions, they were **authorized to guarantee the training** in the second phase of the master.
5. - Preparing Modules that **set out the specific data and specifications of final certificates** for some private higher training institutions in coordination with the Directorate of Certificates and Equivalencies.
6. - **Preparing legal texts related to competences**, formation and functioning of the committee charged **for the study of applications of institutions establishment of higher training**.
7. - **Preparing a digital platform** for filing applications for private institutions establishment of higher training, and allowing their owners to supervise their files.
8. - **Studying five requests for private institutions** establishment of higher training.

## Sub-Directorate of Internships and Relationship with the Foundation

Due to the novelty of this structure, its role was mainly to accompany the University of Continuous Training in ensuring trainings in the bachelor and master stages.





## Documentation:

Documentation outcome From July 2021 to June 2022 **50789**



**1170** certificate

The outcome of **3009** the certificates signed by the Director General of Education and Training

Monitoring and signing certificates granted by higher education institutions under pedagogical tutelage, represented by:



**Two institutions** affiliated to the Ministry of Communications and Telecommunication



**04 Institutions** affiliated to the Ministry of Culture



**16 institutions** affiliated with the Ministry of National Defense



**One institution** affiliated to the Ministry of Tourism and Handicrafts



**One institution** affiliated with the Ministry of Transport



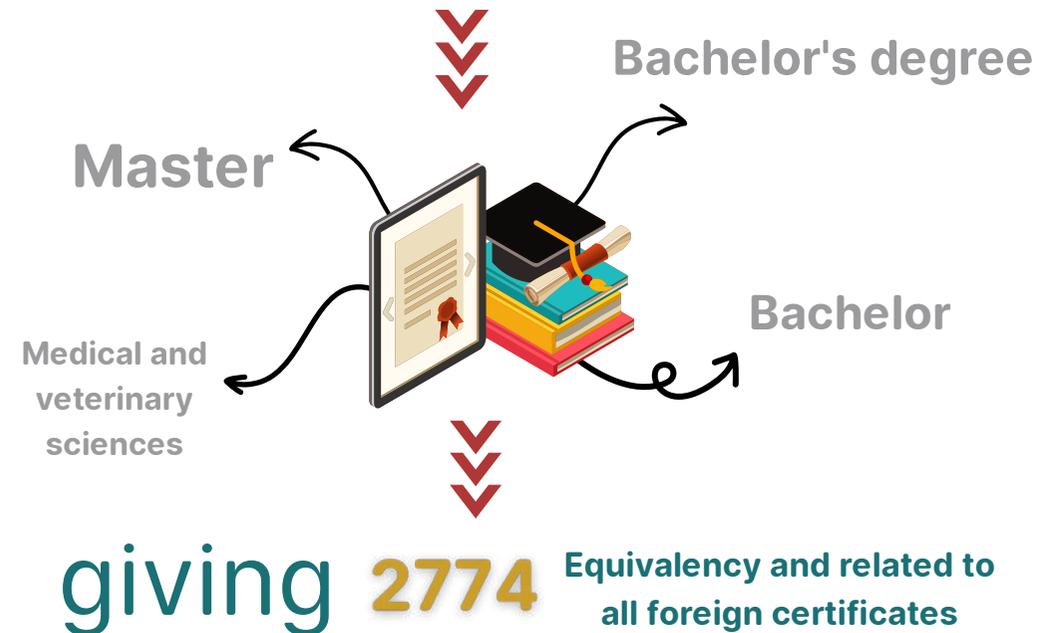
**One institution** affiliated with the Ministry of Social Security

Providing national institutions with more than **100,000** national certificates in 2021



## Equations:

From 01 July **2021** to June **2022**

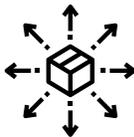


## Improving public service and promoting business

Intensifying participation in national and international exhibitions, such as the National Book Fair 2021 and the Algiers International Book Fair 2021, in addition to exhibitions organized by university institutions



Individualizing the Diwan's digital platform - with the support of the trusteeship - with an appropriate distribution policy and qualified work teams, which enabled its acquisition by approximately 66% of university institutions



Reviewing and reconsidering the contract formula (depositing for the purpose of sale) with the national publishing houses to correct the shortcomings witnessed by the previous formula, whether in terms of selection of titles, distribution and commercial and financial settlement with contracting dealers in order to send a smooth and effective system to enrich the offer.



Reprint of titles that are out of stock in bookstores and are still in demand



Improving printing services and paper quality, such as printed official certificates for the benefit of the Ministry of Higher Education and Scientific Research



## University publications office

Preparing and depositing a draft amendment to the Basic Law of the University Press Office with provisions that would:

Strengthening the functions of the public service that it guarantees to the institutions of the higher education and scientific research sector and strengthening its organizational position towards the latter at the contractual level



Improving its commercial activity by importing and exporting, diversifying and expanding the services offered in its commercial network to students and the general public



Improving the publishing activity by detailing the composition and tasks of the Scientific Council, with the inclusion of translation and joint publishing among the bureau's activities



Expand the points that fall within the deliberative scope of the board of directors in a manner that is in the administrative and financial appropriate implementation of the objectives detailed above.



## Develop work methods methodology



Adopting a new visual identity that derives its elements from the national flag, based on the fact that the Diwan is a public institution and that this has a positive impact on the psyche of students, researchers and even the general public.



Adopting a new customer-oriented communication policy based mainly on media and communication, especially social media, the official website, and professional e-mail.



Digitizing the organization's activities, whether administrative by adopting a professional or commercial mail, by initiating the design of a management program for the movement of inventory based on internal competencies



Valuing and reformatting a number of the Foundation's bookstores in order to improve the image and the services offered, including the Constantine Library and the Biskra Library

## Improving the working environment and working conditions



Ensuring the transfer of the share of social services that falls to the employee for the benefit of the workers to the Participation Committee in order to improve the social conditions of the workers and motivate them, especially since this share has always been delayed due to the difficult financial situation of the institution



Accompanying the establishment of trade union branches for the workers of the institution in its three sides (East, West, Central) in order to enable them - within the framework of the law - to engage in dialogue with the employee in order to preserve and promote their material and moral interests



Establishing a work climate based on consultation, listening and exchange of views between the management team and the group of workers in order to mobilize different energies and mobilize efforts towards the goal of promoting the activity of the institution

## Strengthening the financial position of the institution

The advancement of the Corporation's turnover allowed it to achieve a positive financial result for the year 2021 compared to the negative result for the year 2020



The Bureau paid debts owed by it to a number of suppliers, which had accumulated for years, which allowed to rebuild the atmosphere of trust with public and private contracting dealers, whether in the field of books or printing.

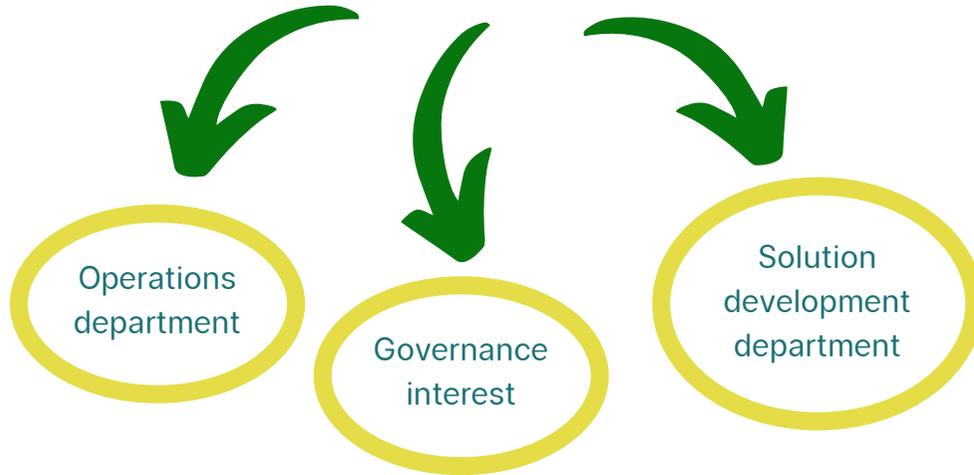


Making an effort to settle part of the dues of public institutions, such as real estate management offices



# Digitization Directorate

The Digitization Directorate was established in 2021, where the directorate consisted of 3 departments



**The main task of the Digitization Directorate is to accompany the various directorates in their activities and facilitate the implementation of their tasks**

Developing the digital library Iqraa to be a digital platform

Re-formation and development of the official website of the Diwan [www.opu.dz](http://www.opu.dz)

Developing script to enable the commercial directorate to quickly return invoices

making a program to calculate the total cost of the book



- Develop a program for selling, storing, census and general inventory of books
- Processing of internal data of the Bureau
- "serveur " public server management
- Repair and control of the bureau's automated media equipment
- Forming and accompanying various departments and interests during electronic transactions
- Facilitating search and access to information through the public folder that has been created in an electronic version [www.catalogueopu.dz](http://www.catalogueopu.dz)
- Facilitating participation in the digital platform through remote electronic registration for university institutions via [www.iqraa.opu.dz](http://www.iqraa.opu.dz)



**New website interface**

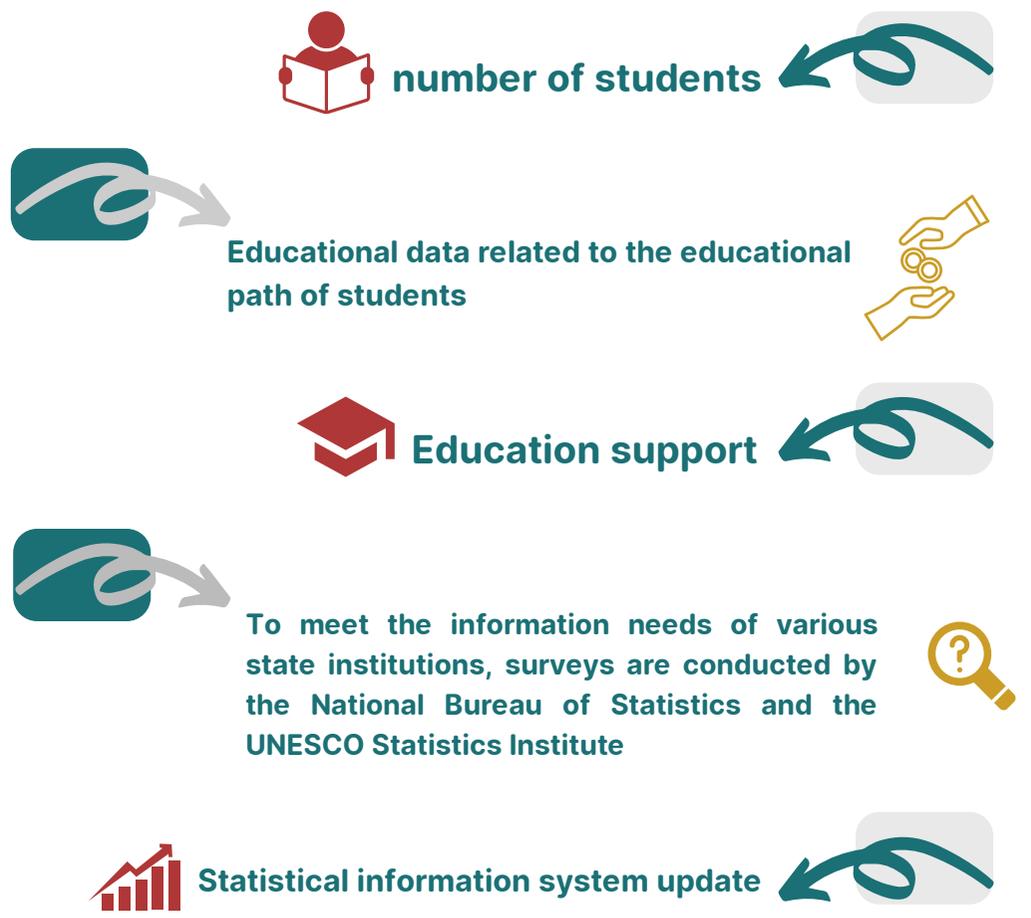
**A list of draft organizational texts and operations agreed to be prepared during the Minister's meeting with officials of the central administration on Tuesday 24 May 2022**

- An evaluation study on the development of hybrid education, July 2021
- An evaluation study on the impact of introducing the exact arithmetic average on student orientation, September 2021
- A preliminary analysis of the directives of the new baccalaureate holders, October 2022
- Statistical analysis of the main trends for the school year 2021-2022, March 2022
- Methodological elements for developing the use of operational indicators in the EES and a proposal for a set of statistical indicators and methods for their development, November 2021
- Summary of accreditation agencies in the world (this report aims to address the issue of quality assurance and reliability in other countries), January 2022
- Conducting a quality assurance survey in all higher education institutions, March 2022
- Coordination and participation in his writing of the self-assessment report of the National Commission for the Implementation of Quality Assurance in l'EES (CIAOES) in the framework of the (HAQAA) Initiative, (Harmonization of Quality Assurance and Accreditation in Higher Education in Africa), April-May 2022



**year operations**

Collecting, processing and producing statistical information related to the following:





the Algerian Open University is expected to give an opportunity that allows the largest number of people to enter the university, and the economic and social sector to cover an important aspect of its needs in the formation and improvement of the level of its human resources.

The new Algerian Open University project will work on responding in a flexible and adaptive way to the need for developing the potential and skills of individuals, over the life course, in service of their personal and professional aspirations.

In this context, the adoption of the distance education model is considered as a new mechanism to accommodate the increasing demands of affiliation to universities, which is a complementary contribution to the higher education system in Algeria.

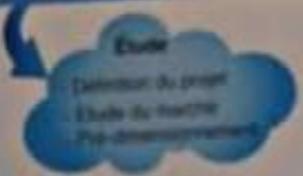
This educational style also keeps space with the changes that affected the different ways of teaching, using modern information and communication technologies. Hence, distance education, using digital structures (digital platforms, data centers, virtual libraries, audio-visual materials) represents an appropriate solution to respond to the challenges arising from the development of student numbers and the need to improve human resources skills regardless of their qualification level, without the need To increase in a steady and expensive way of the construction pace of new reception structures.

The tasks entrusted to the Algerian Open University fall within the framework of the sector recommendations, which aim to:

- Strengthening distance education within the national system of higher education and spreading it.
- Developing trainings that will be graduated with certificates and qualifications according to the patterns adapted to distance education and lifelong training.
- pedagogical contents Production and spreading based on digital and virtual technologies.
- Providing information resources, props and applications for the development of distance education.
- Responding to the increasing demand of the various segments of society of higher education, through flexible and adapted formations.
- Providing knowledge and technologies related to distance education for the benefit of the various actors in the sector, including professors, students, managers and technicians.
- Giving a return to all possibilities of technological transformation within the framework of the international cooperation of the sector, with the aim of ensuring permanent rehabilitation.
- Practicing expert activities, upon request, consulting and providing services to universities, high schools as well as bodies and major institutions that have training programs.



### Étude et conception d'un Shiploader mobile



Les shiploaders sont utilisés pour le chargement des matériaux granulométriques sur les navires.



### Drone VTOL FW pour la veille et la gestion technologique des forêts

Un drone VTOL FW afin d'acquies et d'analyser les données aériennes, dans le cadre de la surveillance et la protection des richesses forestières.



### Caractéristiques techniques

- ✓ Longueur de la machine
- ✓ Longueur de réception
- ✓ Capacité de charge

CRTI

AMEL-HY200

- 3,5 m
- 2,535 m
- 0,909 m
- 27 kg
- 1,5 kg
- 6 h
- 93,6 km/h
- 30 km
- Moteur à combustion interne
- 4 moteurs électriques

Développement de drones à ailes fixes pour l'agriculture

Promoting scientific research, technological development & supporting innovation



**A national workshop was organized to promote research in the social and human sciences on November 22 and 23, 2021, and it addressed the following broad lines:**



1. The current status of the social and human sciences through expert opinion and databases.
2. - How to address the crisis of research in the social sciences and humanities in Algeria.
3. - The role of digitization, information and communication technologies in the social and human sciences.
4. -Diversity of disciplines in these sciences.
5. - Foreign languages role in promoting it.
6. -Practical projects for promotion.

## National Research Programs

Preparing guidelines for each project: food security, energy security and citizen health, which can be downloaded through the websites of the General Directorate of Scientific Research and Technological Development and thematic agencies for scientific research

**870**

A national journal that publishes various research papers in all universities and research centers



## The Food Security Handbook

Several research fields aim to raise the national agricultural production yield and reduce food and agricultural imports, in addition to developing entrepreneurship in the field of agriculture and optimizing the use of fishing and aquaculture means.



## Citizen Health Handbook

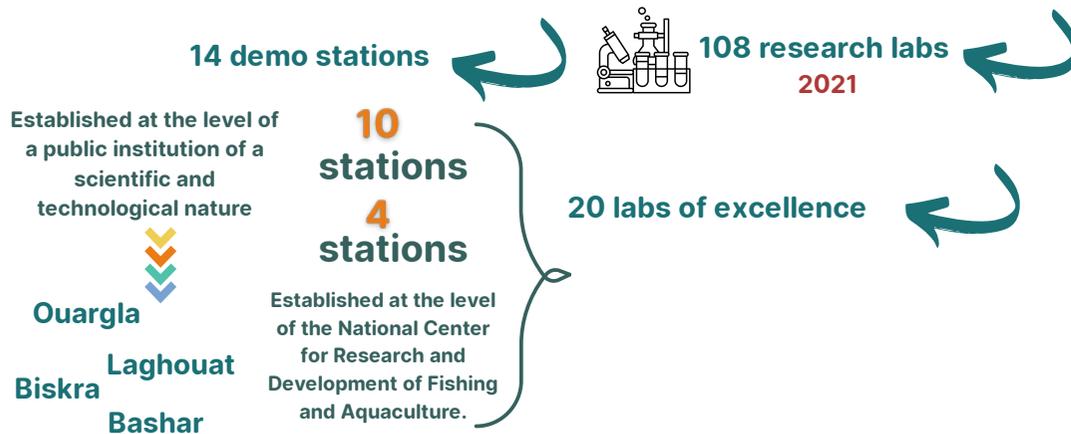
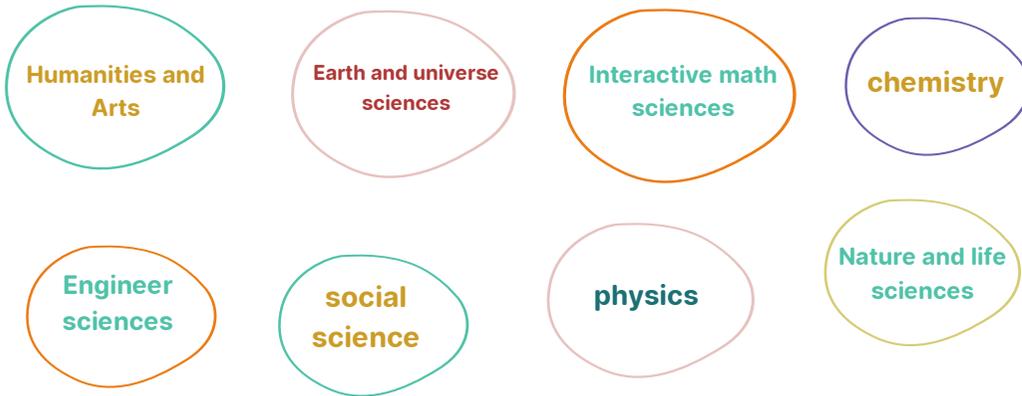
It aims to raise the share of renewable energies from the national electricity production and intensify efforts to explore new oil and gas fields



## Energy Security Handbook

It aims to reduce the burden of disease and ensure fair and effective treatment against epidemics and emerging diseases and adaptation to them

# The research entities



43 Search unit

29 Affiliated with schools and universities

14 belonging to other sectors

35839 Scientific publications

# Common interests

- Increasing the number of business incubators to 42 incubators at the level of universities and centers
- 10 Tech Floors
- 01 Technology platform for software development
- 08 platforms for physical and chemical analyzes
- 02 pole circulating

# Entrepreneurship and innovation

To develop the entrepreneurial spirit of students and researchers, encourage them to be creative and innovate, and accompany them to create their own projects, the sector has carried out many activities, including:

Demonstrations - scientific salons - national and international competitions and challenges.

Coordination meetings and sessions between the Ministry of Higher Education and Scientific Research through the General Directorate of Scientific Research and Technological Development in the period between October 2021 and January 2022

The innovation challenge in Algerian universities, which was in its first session under the name of a patent project, through which the winners will be supported to embody their projects on the ground

**420** Patent  application, including:

- 232** Application for the higher education and scientific research sector
- 150** Application for research centers of the Ministry of Higher Education and Scientific Research
- 31** Application for research centers and institutes not affiliated with the Ministry of Higher Education and Scientific Research
- 07** A request for a valuation agency search results



Establishing **04 startups** based on research projects prepared by university students



On **the International Women's Day** occasion, the Minister of Higher Education and Scientific Research oversaw the activities of organizing the national competition for the best micro-feminine economic activity, and accordingly the best female entrepreneur was honored on this occasion



In the context of strengthening the partnership between sectors, the Minister of Higher Education and Scientific Research, accompanied by the Minister of National Education, oversaw the activities of commemorating **the International Day of Mathematics**, in order to share common strategic visions and to enhance education and training in the field of mathematics in all educational stages.

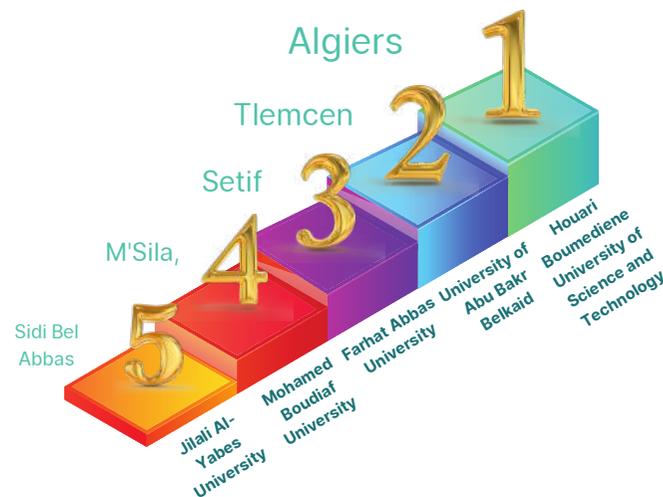


To ensure the strengthening of **technological security and contributing to its development**, the Minister of Higher Education and Scientific Research, by delegation from the Prime Minister, supervised the installation of the National Cell for Technological Vigilance, in order to contribute to addressing the risks arising from the non-peaceful use of technology. Its members were appointed later from different ministerial sectors.



The Ministry of Higher Education and Scientific Research organized the activities of **the National Scientific Week in its second session**, extending from May 15 to 21, 2022, where several activities were held, including initiatives, competitions and exhibitions between scientific clubs, in addition to honoring university professors for their contributions to the Algerian University.

Establishing a national ranking for Algerian universities



# Exhibitions



**The exhibition of innovative projects created** by students of the University of Djilali Liabes, **Sidi Bel Abbes**, in Subspecialties such as space sciences, artificial intelligence and other projects.

**Exhibition of scientific and pedagogical products** of the Faculty of Humanities and Social Sciences professors at the University of Hamma Lakhdar, **Oued Souf**.

**An exhibition of scientific products** organized by scientific clubs and societies in various disciplines at the University of Abou Bekr Belkaid **Tlemcen**.

**Reviewing the innovation activities** of the scientific clubs at the Great School of Renewable Energy, Environment and Sustainable Development in **Batna**

He also visited **the model farm** at the Institute of Veterinary Sciences and Agriculture in Barika, created by the partnership with the state.

**The National Exhibition of Higher Education, Scientific Research and Research Products** took place on June 28th and 29th at the Houari Boumediene University of Science and Technology. 30 universities, schools, and 21 research centers took part, including the National Center for Studies and Research in the National Movement and the Revolution of November 1st attached to the Ministry of Mujahedeen, which presented various pedagogical and scientific activities.

Pavilions dedicated to research and prototypes developed in universities where 127 research projects were presented covering the following **six 6 areas**:

- Energy safety.
- Food safety.
- Citizen health.
- The environment and the periphery.
- Technological and industrial development.
- Information and communication technologies.

On **the 60th anniversary** of independence, the best graduate thesis in the field of Algerian history was rewarded.





**Strengthening the human and structural capabilities of the sector**



تاريخ مجيد وعهد جديد

## Strengthening pedagogical framing in the medical sciences

National competition based on works and certificates

National competition based on tests



**Appointment of hospital assistant professors with the title of Military Health**

**Begin to identify needs**

**July 2022**

**885** University hospital assistant professor, including **253** entitled Military Health

### Strengthening pedagogical supervision at the university level

**Initial budget**

- Supporting university institutions with financial positions at the rank of Assistant Professor, grade B

**extra budget**

- Recruitment of students studying abroad at the rank of assistant professor, grade B

**2186** financial position for recruitment for the year **2022**

**1400** new financial position for the year **2021**

**393** Student from training abroad

- Recruitment of students trained abroad at the rank of assistant professor, grade "B" August 2021 - June 2022

**339 students**

## Strengthening the pedagogical framing processes in the professorship grade:

Appointment of **315** university hospital professor, grade "A", **55** of whom are entitled Military Health

Appointment of **302** university hospital professor, **37** of whom are entitled Military Health



National competition based on tests



National competition based on works and certificates

- Organizing **the 45th session** of the National University Committee on to promote to the rank of Professor of Higher Education

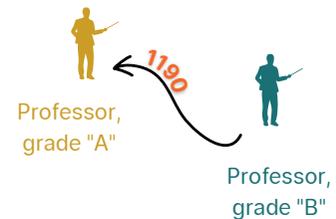
**1171** Professor has been promoted

- Organizing **the 46th session** of the National University Committee for Promotion

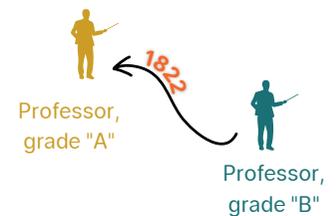
**701** Professor has been promoted

- Announcing the organization of the **47th session** of the National University Committee for Promotion

Organizing **the first session** of university qualification



Organizing **the second session** of university qualification



## Processes to improve the quality of pedagogical and research supervision



Signing a resolution setting the framework for recruitment and competition



Organizing regional meetings for secretaries-general

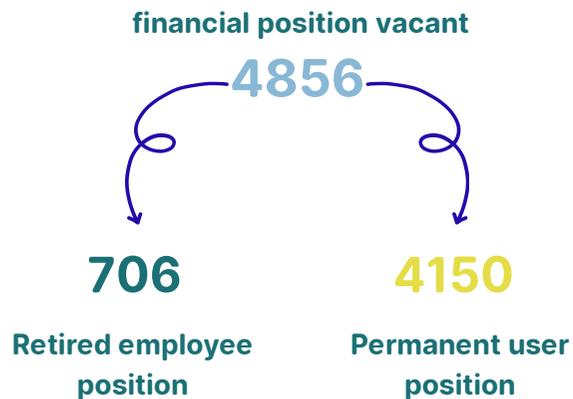


Preparing projects for executive decrees

Operations in progress

## Operations to support administrative supervision in university institutions

- Supporting university institutions with financial positions within the framework of the initial budget for the year 2022 for employment at the rank of Assistant Professor, Department "B"



- Completing the process of integrating employees working in the sector into the professional and social integration assistance system for degree holders

Integration **6532** workers into the sector's institutions since 2019

- Allocating financial positions to employ the category of PhD in the various wires of higher education, other than the category of professors

**250**  financial position for recruitment

## Operations related to formation and improvement of the level

### Organizing a training session on:

- Results-based management **22** sub-managers in the central administration
- The Organic Law of Finance Laws **8** Administrators in the Central Administration
- Preparing legal texts **16** Associate head of office in the central administration
- Institutional Communication **37** Associate Sub-Directors in the Central Administration
- Time management **65** frameworks involved in the central administration
- Managing Team **43** Associate Head of Office in the Central Administration
- Internal security in sector institutions

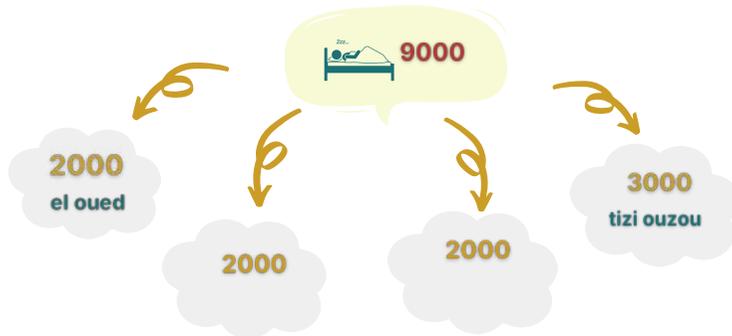
The investment this year in pedagogical, research, service and equipment structures made a qualitative leap, which was embodied during **12 visits**, during which Prof. Dr. "Abdulbaki benziane" inaugurated, inspected and laid the foundation stone for several structures and projects that strengthen the sector

# Inaugurations



**6500**  pedagogical seat

- Inauguration of **4000** pedagogical seats of exact sciences, advanced technology and telecommunications at the University of May 8, 1945, University of **Guelma**
- Preview of a project that includes **2000** pedagogical seats and a lecture hall at the University of Hadj Bouchaib, **Ain Temouchent**
- Inauguration of **500** pedagogical seats in **Barika**



- The inauguration of the new faculty of pharmacy at the Faculty of Medicine, Ben Youssef Benkhedda University, Algiers 1 University in **algiers**
- Inauguration of a lecture hall at the University of **Batna**



- Inauguration of the new headquarters of the administration, University of Abou Bakr Belkaid, **Tlemcen**



- Inauguration of the new headquarters of the administration, Akli Mohand University of **Bouira**



- A working and inspection visit to the Mouloud Mammeri University of **Tizi Ouzou** and the inauguration of a university library



Inauguration of a social health center at the University of **Sidi Bel Abbas**



Inauguration of a central university restaurant in the university pole, **El oued**



Inauguration of a university entertainment complex in **Saida**

# research projects

▶ Inauguration of a technology lobby and access to innovative projects, professors, researchers and students in **Tizi Ouzou**

This year, the sector witnessed the launch of several units

▶ Inauguration of the university incubator for technological works in the neighborhood of February 18, Hama Lakhdar University in **al-oued** , which includes a laboratory, library, computer space, university reading room, group work hall, and the Technology Support and Innovation Center

- Inauguration of a Covid-19 laboratory and a visit to pedagogical laboratories at the Faculty of Natural and Life Sciences

▶ Inauguration of the technological ground - industrial technologies at the University of Djilali El Yabes in **Sidi Bel Abbes**, which includes four branches:

- Manufacturing, measuring and mechanical testing
- Material characterization and control
- Prototyping and sheet metal work
- civil engineering

▶ Inauguration of the Al-Bayan **data center** in **Batna**

▶ Inauguration of an incubator for start-ups in **Bouira**

▶ Inauguration of **70** job dormitories for teachers in **Guelma**

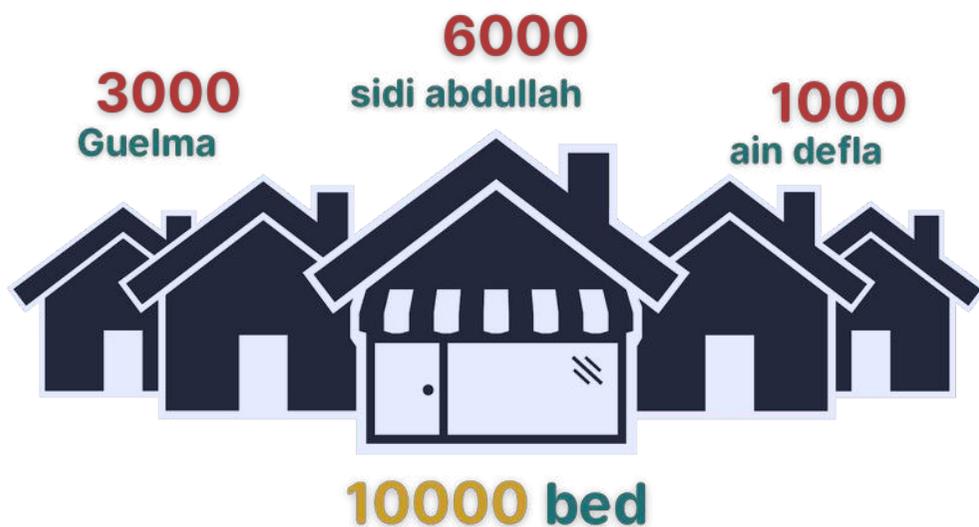


▶ Inauguration of a technical platform for physicochemical analyzes and the complex of the late Professor Taher Ben Daykha for the scientific laboratory, which includes **20 research laboratories** at the **University of Batna 2**.



# Previews

## accommodation



## initialization and restoration

And when he inspected the two university residences, **Awlad Fayet 2 and 3 in the capital**, and assessed the progress of the rehabilitation and restoration works, so that they would be ready at the beginning of the university season 2022/2023

Prof. Dr. "Abdulbaki benziane" insisted about **the need to fully mobilize officials and workers in order to improve the conditions of students within the residences and provide a decent life**, within the framework of the services program provided by accommodation, transportation, food, social insurance, health care, sports and cultural activities and improving the governance of services



Preview of the project to complete a university restaurant in Tlemcen



Preview of the dates canning unit at Al-Daouia farm in **Al-oued**



**2000 pedagogical seats in Barika**

**Central restaurant in Tlemcen**



The Minister also inspected the works of restoring the university residence Ammar Ashouri, **700 and 1500 beds** in **Batna**, and the university residence Ahmed Medghari in **Saida**.



The outcome of the achievement of the Directorate of Means, Property and Contracts related to 3 main axes: **public means and property of the sector**, as well as public deals and contracts, was the completion of 4 important operations during the period from September 2021 to June 2022

Converting sector vehicles (from gasoline to liquefied petroleum gas)



It is a process that enters into an energy strategy, and there is not much left to oversee its end, as its progress rate reached 96%, i.e. converting 874 cars out of a total of 904 cars.

Preparing an electronic real estate map for the sector



This process achieves a strategic goal in the line of digitization and improving the work of the sector, as it enables the formation of an information bank in the field of real estate properties, especially the built and non-built areas, and determining the financial value of the properties and institutions under guardianship, research and pedagogical institutions such as universities and higher schools .. as well as service institutions that are represented in 466 university residence

Create an online property platform



the sector owns significant achievements and investments in the field of structures, buildings, properties, land and equipment Therefore, this step is an important point for the future application of the new approach to the property accounting law

**Realization of a sectoral card for economic dealers**

Customers who have dealt with the sector for the past 5 years, the card will constitute a set of very important data in the field of public transactions, which will allow in the near future to open an electronic platform in the field of public transactions and to achieve greater efficiency in the management of public money



الطليعوان الوطني للخدمات الجامعية  
ONOU

Upgrading student life and improving the governance of university services



تاريخ مجيد وعهد جديد

## University Services Directorates



**66 Directorate**

27 in the east  
19 in the center  
20 in the west

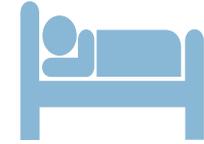
## University residences



**466 residence**

207 in the east  
139 in the center  
120 in the west

## accommodation



**496472 resident student**

50,000 beds were prepared in May, distributed among 33 university residences in 23 states

✓ 15,000 delivered  
🏠 35,000 in process

💰 1.6 billion DA was provided, distributed over 26 university residences in 19 states

## restaurant



**a million meals a day**

122 central restaurants  
437 built-in restaurants

The Ministry has made monitoring committees work on university restaurants, which patrol to monitor meals and their quality in order to ensure the health of the student, by activating the committees for receiving goods.

## students



**1700.000 student**

**6023 foreign student**

grant



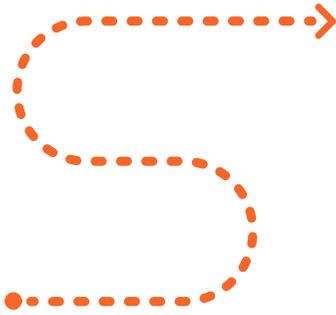
963 530 Scholarship recipient

Transport



6106 Urban and semi-urban transport bus

960 000 beneficiary student



In order to rationalize spending operations in the field of university transportation, the ministry called for the necessity of coordination between the directorates located in the neighboring university cities to avoid duplication of lines, with the need to put monitors at the level of all university transportation points.

Security

Healthcare



1. Training doctors to serve university residences around the use of an ambulance equipped with the latest technologies to provide medical care for students
2. Organizing training courses on first aid for students

985 GP 91 dentists 182 psychiatrist

550 paramedical aids 136 preventive medical units

30 university psychological help and monitoring centers

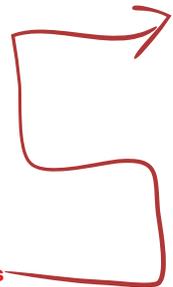
75 ambulance is available

ambulance is available

The Sub-Directorate for Health and Security Protection in the University Community, in cooperation with the National Authority for Health Advancement and Research Development and the General Directorate of Civil Protection, took the initiative to organize two courses:

- Course in December 2021 → 26 doctors trained
- Course in February 2022 → 48 doctors trained

Training psychiatrists at the level of preventive health units in universities and residences



On March 26, 2022, the Ministry of Higher Education and Scientific Research organized a study day on security in the university community, in the presence of a number of specialists in the field of security and hygiene, in addition to military and security institutions. Several recommendations emerged from it in an instruction directed to service and university institutions



At the same pace, the Ministry of Higher Education and Scientific Research, in cooperation with the General Directorate of Civil Protection, organized training courses on first aid for students.

14 In a university institution



for 1220 students

68 | Upgrading student life and improving the governance of university services

69 | Upgrading student life and improving the governance of university services

## Activities in the university environment

### scientific activities

**771** science club  
at the level of **91** universities

 including **8** new clubs that were established in the first quarter of 2022.

 **9/4** programmed cultural process completed

 All this came on the sidelines of the National Scientific Week, which was hosted by the University City of Setif, in which it participated in its qualifiers  
**40 thousand students**

### Cultural and sports activities

**290** A multi-use hall for cultural activities

**699** internet hall

**144** multi cultural association

Indoor cultural club **917**

Cultural and artistic teams  **316**

Indoor Sports Association **188**

semi olympic pools **5**

**220** gym 

**552** A ground for practicing different types of sports

**244** Indoor gym

- **21/17** programmed cultural process completed
- **22/19** programmed sports operations have been completed to coordinate the organization of national sports tournaments were completed at distance and in attendance.

### health prevention

In conjunction with the COVID-19 pandemic, the Sub-Directorate for Health and Security Prevention in the University Community has organized vaccination campaigns at the university community level.

**265**

An employee in the central administration is vaccinated

**94723**

student

From then until April, the vaccination process stopped due to the decline in recorded cases of the virus (during this period, **18,409 teachers, 16,443 students and 42,524 employees were vaccinated**).



Awareness campaigns were organized about the phenomenon of drugs and smoking in the university environment on the occasion of the World No Tobacco Day, corresponding to May 31, 2022



The Sub-Directorate for Health and Security Prevention in the university community organized an awareness day about AIDS in cooperation with the Algerian Association for Family Planning



The directorate worked to monitor the health protocol by subjecting the central departments to the virus test

### Entrepreneurship

An agreement was signed between the Ministry of Higher Education and Scientific Research and the Ministry delegated to the Prime Minister in charge of micro-enterprises, on **March 7, 2022**



reached **84** houses in 2021



A student questionnaire was also prepared to evaluate the university services provided at the level of university residences for the year 2022/2021



# University Openness to the social and economic environment



تاريخ مجيد وعهد جديد

## University Openness to the social and economic environment

In light of strengthening the partnership between the higher education sector and scientific research with the various ministerial sectors and sectors of activity, in order to expand the university's openness to its economic and social environment, a number of agreements were signed:



The signing of a partnership agreement on September 08, 2021 between the Industrial Technology Research Center and the National Corporation for the Production of Railway Equipment and Supplies, in the presence of the Minister of Higher Education and Scientific Research, Professor Dr. Abdulkali benzine and the Ministers of Industry and Transport. The agreement included the completion of a project to make a gravel collecting machine for reclamation Farmland



1655 new financial positions were created for university institutions in order to hire "B" assistant professors, and more than 400 new financial positions were created to hire "B" university hospital assistant professors, as a result of the signing of a partnership agreement between the Ministry of Higher Education and Scientific Research and the Ministry of Labor, Employment and Social Security on 15 September 2021, this ministerial instruction sets new mechanisms and measures to expand the employment outlets for PhD holders, forming a strong impetus for their employment and integration into the labor market.



In order to consolidate the efforts of the higher education and scientific research sector to intensify research in the field of energy security, a set of agreements was signed on October 10, 2021 between a group of central universities and research centers, through a workshop on partnership between the institution and the university organized by the Research and Development Center of Sonatrach, in which the Minister of Higher Education and Scientific Research participated, accompanied by the Minister of Energy and Mines and the governor of Boumerdes



Signing an agreement with the Minister of Water Resources and Water Security on November 14, 2021, and the major axes of this cooperation can be sought in accompanying the Ministry of Higher Education and Scientific Research for this strategic sector through master's and doctoral training, as well as enabling students to conduct field training



Preparing the students of the Higher School of Mathematics and the Higher School of Artificial Intelligence for professions related to the hydrocarbon sector and renewable energies, a partnership agreement was signed between the Ministry of Higher Education and Scientific Research and the National Company for Research, Production, Transportation and Marketing of Hydrocarbons to Sonatrach On November 24, 2021, in addition to opening the way for students for field training and facilitating their integration into the labor market.



Prof. Dr. Abdelbagi Benziane supervised the signing ceremony of a partnership and cooperation agreement in higher training, research and development between Oran University of Science and Technology Mohamed Boudiaf and the Satellite Development Center on December 11, 2021. This agreement allows monitoring of doctoral training and joint preparation of projects as well as the exchange of experiences and development search and configuration



The General Directorate of Scientific Research and Technological Development concluded a partnership agreement with the National Corporation for Electronic Industries on December 14, 2021. This agreement culminated in the establishment of a Department for Scientific Research and Technological Development and the appointment of a head in the National Corporation for Electronic Industries.



On the sidelines of the visit of the Minister of Higher Education and Scientific Research to the Daouia farm, where the students of agricultural sciences at the University of Hama Lakhdar receive field and practical training, an agreement was signed between the University of the Martyr Hama Lakhdar and farm of al-Daouia, and another agreement with lactobacillus of el oued on January 11, 2022. Both agreements aim to: He made applied agricultural research at the service of the national economy, and Prof. Dr. "Abdulkali benziane" inspected a model farm for experiments on sugar beetroot, which is a joint project between the University of Martyr Hama Lakhdar, farm of Al-Daouia and the agricultural interests of the state of El-oued.



In an effort to strengthen the partnership between research institutions and structures in the sectors of the Ministry of Higher Education and Scientific Research and the Ministry of Fisheries and Fisheries Products, a set of agreements was signed between the two sectors on February 06, 2022.

These agreements aim to guarantee training in the fields related to marine fishing and fishery products at the level of 18 bachelor's training units, 17 master's training units distributed over 17 university institutions across the country.

- 1 Agreement between the Scientific and Technical Center and Dry Areas, the Center for Applied Research, the Center for the Development of Advanced Technologies, and the National Center for Research and Development in Fishing and Aquaculture
- 2 Signing of three agreements between the Higher National School of Marine Sciences and Coastal Development and the Industrial University and the National Center for Research and Development, Fishing and Aquaculture

# Ministerial activities related to expanding the university's openness to its economic and social environment



On Monday, September 06th, 2021, the Minister of Higher Education and Scientific Research participated in the closing of the seventh edition activities of the program: "Seeds for the Future of Algeria 2021", is a training program under the supervision of the global company Huawei for Information and Communications Technology, with the support of the Minister of Digitization and Statistics, the Minister of Post and Telecommunications, the Minister Delegate to the Prime Minister in charge of the Knowledge Economy and Emerging Enterprises, and the General Manager of Huawei in Algeria. This event is the culmination of the partnership established by the sector with the international Chinese company Huawei, and included in the memorandum of understanding signed in 2018.



In order to enhance the role of the economic sector institutions, on September 9th, Prof. Dr. Abdelbaki BENZIANE, accompanied by the Minister of Labour, Employment and Social Security and the Minister of Tourism, participated in the closing works of the "Algeria Horizons". A program to support training and employment, and funded by Algeria and the European Union. In this forum, the problem of school dropout, professional integration, and management responsibilities in administrative training centers were highlighted.



After the presentation of the Malaysian experience in the field of Islamic banking on October 25th, the Minister listened to the request of a researcher, in the Department of Islamic Law and Islamic legal politics at the University of Malaysia, to train managers in this field by opening universities and institutes for the development of Islamic banking. The head of division of Islamic banking in the International Academy of Islamic legal politics of Malaysia paid tribute to the efforts of Algerian scholars to develop financial transactions in accordance with this type of governance in financial affairs.



On the opening ceremony of the new academic year in the training institutions of the Ministry of Tourism held on November 4, 2021, the Minister of Higher Education and Scientific Research stated the desire of his sector to activate cooperation strategies in order to improve and develop the quality of research and training in the field of tourism in Algeria, as it constitutes a key source not only for the Algerian economy, but also for the economies of most countries of the world.



On the opening of the new university year at the Great School of Sports Sciences and Technologies on November 09, 2021 Prof. Dr. Abdelbaki BENZIANE stressed the importance of continuing work and coordination with the youth and sports sector. It is an embodiment of the strategy of the higher education and scientific research sector aimed at reviving sports in the university community and enriching training offers and their contents with the supervision of experts, professors, researchers and specialists from the sector.



In the meeting of Prof. Dr. Abdelbaki BENZIANE with the Minister of National Education on December 02, in order to discuss ways of coordination and strengthening the relationship between the two sectors, several files were studied along the lines of preparing for a draft agreement regulating the training procedures for students affiliated with Great Schools for teachers, at the level of educational institutions affiliated with the Ministry of National Education.



On December 09th, 2021, Prof. Dr. Abdelbaki BENZIANE attended the School Day organized by the Ministry of Youth and Sports in cooperation with the National Authority for the Prevention and Fight against Corruption. The slogan of the day was: "Strengthening Integrity in Youth and Sports."



On the opening of the second edition of the National Exhibition for Innovation on December 21, 2021, the Minister of Higher Education and Scientific Research revealed that his sector has prepared a regulatory framework that allows encouraging and accompanying young project holders in the field of innovation in various disciplines that respond to the requirements of the economic sector.



Prof. Dr. Abdelbaki BENZIANE, accompanied by the Minister Delegate to the Prime Minister in charge of Emerging Enterprises and the Minister of Fisheries and Fisheries Products, supervised on March 08th 2022 the activities of organizing the national competition for the best micro-feminine economic activity. An event that highlighted the great role that women play in promoting national production and achieving comprehensive and sustainable development.



With his participation in the opening activities of the School Day on energy on May 07, 2022, Prof. Dr. Abdelbaki BENZIANE stressed the need to employ the results of scientific research for Algerian universities and institutes to enhance the country's energy security.



The International Conference on the Blue Economy took place on May 30th, 2022 at the Great School of Marine Sciences and Coastal Development under the slogan: "Marine sciences, a tool of development and the blue economy development." The requirements of the national economy, raising development challenges, and employing the results of research and innovation to achieve sustainable local production.



After their meeting at the headquarters of the Ministry of Higher Education and Scientific Research on June 06th, 2021, Prof. Dr. Abdelbaki BENZIANE and Dr. Ibtisam Hamlaoui, President of the Algerian Red Crescent, agreed to sign a cooperation and partnership agreement between the two sectors in order to integrate students into the Red Crescent's awareness activities, and to enhance their involvement in Volunteer work. On June 26th, 2022, the Minister of



On June 26th, 2022, the Minister of Higher Education and Scientific Research, Prof. Dr. Abdelbaki BENZIANE, accompanied by the Minister of National Education, participated in the opening activities of the International Forum on Mathematics Education and Culture, and the popularization of mathematics and its history. On the same day, he supervised the opening ceremonies of the first international symposium on nanotechnology.



**Consolidating the university's openness to its international surroundings**



تاريخ مجيد وعمود جديد



# ALEXO meeting

December 26-27-28, 2021

"At the International Conference Center " Abdul Latif Rahal "

- ➔ The Eighteenth Conference of Ministers of Higher Education and Scientific Research in the Arab World for the third time in **Algeria**
- ➔ Under the title "**Higher Education and Scientific Research in the Arab World on the Horizon 2030: Vision and Directions**".
- ➔ A review of the reality and prospects of cooperation between **Algeria** and **ALECSO**, especially in the field of higher education development and scientific research
- ➔ Develop regional performance indicators for the use of artificial intelligence
- ➔ Setting the executive plan for the general framework of Arab scientific research in the cultural, social and economic fields
- ➔ The use of **blockchain** technology in education



The Minister of Higher Education and Scientific Research receives his Palestinian counterpart



Minister of Higher Education and Scientific Research, Ambassador of Indonesia



The Minister of Higher Education and Scientific Research receives the Italian Ambassador



The Minister of Higher Education and Scientific Research receives the Ambassador of the State of Bangladesh



The Minister of Higher Education and Scientific Research receives his Qatari counterpart

# Encounters



The Minister of Higher Education and Scientific Research receives a delegation from Nigeria



The Minister of Higher Education and Scientific Research receives the Undersecretary of his Yemeni counterpart



The Minister of Higher Education and Scientific Research receives his Emirati counterpart



The Minister of Higher Education and Scientific Research receives Algeria in Canada



The Minister of Higher Education and Scientific Research receives the Ambassador of Algeria in Italy



The Minister of Higher Education and Scientific Research receives the Ambassador of Indonesia



The Minister of Higher Education and Scientific Research receives the Ambassador of Qatar



The Minister of Higher Education and Scientific Research receives the Ambassador of Senegal



The Minister of Higher Education and Scientific Research receives his Tunisian counterpart



The Minister of Higher Education and Scientific Research receives the Ambassador of Jordan

# Encounters



The Minister of Higher Education and Scientific Research receives the Ambassador of Sudan



The Minister of Higher Education and Scientific Research receives the Ambassador of Saudi Arabia



The Minister of Higher Education and Scientific Research receives the United Nations Resident Coordinator in Algeria



The Minister of Higher Education and Scientific Research receives the Ambassador of Egypt



The Minister of Higher Education and Scientific Research receives the Ambassador of Guinea



The Minister of Higher Education and Scientific Research receives the Ambassador of Malaysia



The Minister of Higher Education and Scientific Research receives the Ambassador of the United States of America



The Minister of Higher Education and Scientific Research receives the Ambassador of Kuwait



The Minister of Higher Education and Scientific Research received Mr. Tariq Mahmoud Ahmed, British Minister of State for Foreign Affairs in charge of South and Central Asia, North Africa, the United Nations and the Commonwealth



The Minister of Higher Education and Scientific Research receives the Commissioner for Education, Science, Technology and Innovation of the African Union Professor Mohamed Belhoussine



The Minister of Higher Education and Scientific Research receives the Ambassador of Palestine



The Minister of Higher Education and Scientific Research receives the Ambassador of France

Signing several agreements with a group of Arab and Western countries with the aim of intensifying cooperation between university and research institutions

The Minister of Higher Education and Scientific Research, Prof. Dr. Abdelbaki benziane, received 19 ambassadors and 6 international ministers in the period from July 2021 to June 2022

Determining the mechanisms and sources of funding while ensuring the evaluation and organization of scientific forums, stimulating scientific publication and sharing experiences in the field of continuous training within the framework of the scientific and technological program

Discussing the recent issues, challenges and stakes facing the higher education sector, which aim to implement established programs and achieve the desired goals

# conventions

The signing of many agreements linking Algerian university institutions with foreign university institutions for specific periods, represented in the agreements:



Signing cooperation agreements with Mauritania in the higher education and scientific research sector



Signing cooperation agreements with Turkey in the higher education and scientific research sector



Signing cooperation agreements with Tunisia in the higher education and scientific research sector



Signing cooperation agreements with Egypt in the higher education and scientific research sector



Signing of an agreement and memoranda of understanding between Algeria and Qatar in higher education



Signing a number of cooperation agreements in higher education between Algeria and Tunisia

Signing of a memorandum of understanding in the field of higher education and scientific research between Algeria and the United Kingdom



Signing a memorandum of understanding with Bangladesh in higher education and scientific research





## Algerian Partnership Symposium in the Field of Education and Higher Education

1. Supervising the launch of the work of the Algerian-Tunisian symposium for universities
2. Re-establishing 5 + 5 border cooperation between Algerian universities and their Tunisian counterparts located on the borders of the two countries
3. Launching 25 research projects and 6 franchise laboratories selected by the Algerian-Tunisian Mixed Committee
4. Supervising the launch of the work of the Algerian-Tunisian symposium for universities
5. Meeting with the Director General of the Arab Educational, Cultural and Scientific Organization "ALECSO" Mr. "Mohamed Ould Amar", in order to discuss and sign a cooperation agreement between the Algerian Ministry of Higher Education and Scientific Research and the Arab Organization for Education, Culture and Science
6. Strengthening cooperation between Algerian and Tunisian border universities through the formation of the 5 + 5 group, as well as giving more dynamism to cooperation between scientific and technological research centers between the two countries.
7. Signing agreements aimed at reviving university cooperation and exchange between university and research institutions, which reflect the strong political will that unites the two brotherly countries, seeking to develop the dynamics of cooperation between the two countries in all its dimensions, pursuant to the directives of the President of the Republic, Mr. Abdelmadjid Taboun.

# Scholarships and foreign students

Algeria receives annually, within the framework of the government's program for scholarships and bilateral cooperation programs with Arab countries, approximately **2,700 foreign students** to study in Algerian universities, and the total number of foreign students studying in Algerian universities is currently estimated at 7,200, **539** of them enrolled during the 2022/2021 university season

Renewing of scholarships for Algerian students abroad, as the Directorate of University Cooperation and Exchange, during the months of July and August 2021, renewed **837 student** scholarships distributed over 25 countries



Taking care of students granted in China who were stuck in Algeria and were unable to continue their academic studies in Chinese universities due to the pandemic, (about **89 students**) by integrating a group of them into Algerian university institutions, provided that the rest of the students continue to study remotely

Create a space at the level of the ministry's website to announce all scholarship offers submitted by various countries, where 34 grant offers have been published



Developing a **digital platform** to count and follow up on Algerian students returning from Ukraine, and allocate two in charge to follow up the process where **162 students were counted**, and work is currently underway to find the most appropriate solutions to take care of them, whether by integrating them in Algerian universities within the limits of the regulation in force in the field of guidance according to the baccalaureate rate, and specialization or Accompany them to enroll in foreign universities in coordination with the Ministry of Foreign Affairs



The demonstration of May 08, 2022, organized by the Ministry of Solidarity, was represented in honoring the Sahrawi and Palestinian students at the Houari Boumediene University in the capital.



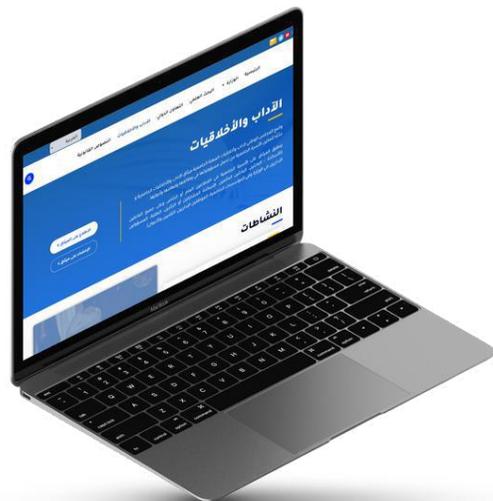
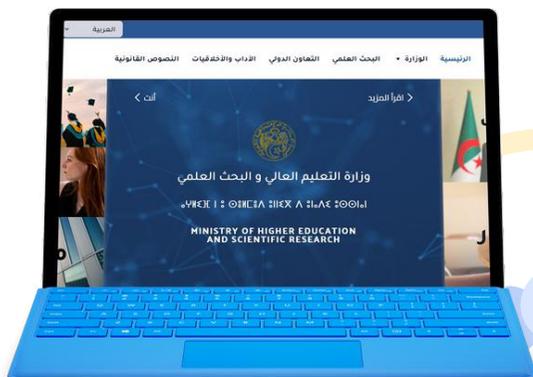
# Upgrading and modernizing university governance mechanisms



تاريخ مهيب وعهد جديد

To complete the embodiment of the project of the Ministry of Higher Education and Scientific Research aimed at **digitizing the sector** and keeping pace with modern technologies. The Directorate of Digitization and Network Development is working on creating and facilitating administrative services in its various institutions by putting into service and implementing **twenty-six new operations since July 2021**

**New dynamic design for the Ministry's website**  
[www.mesrs.dz](http://www.mesrs.dz)



**web site for Ethics and ethics of the profession of higher education**



**Digital orientation for new students**

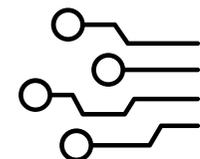
**Establishment of special platforms to accompany students, professors and universities**



**Creating a digital platform for competitions**



**Working to achieve information security**

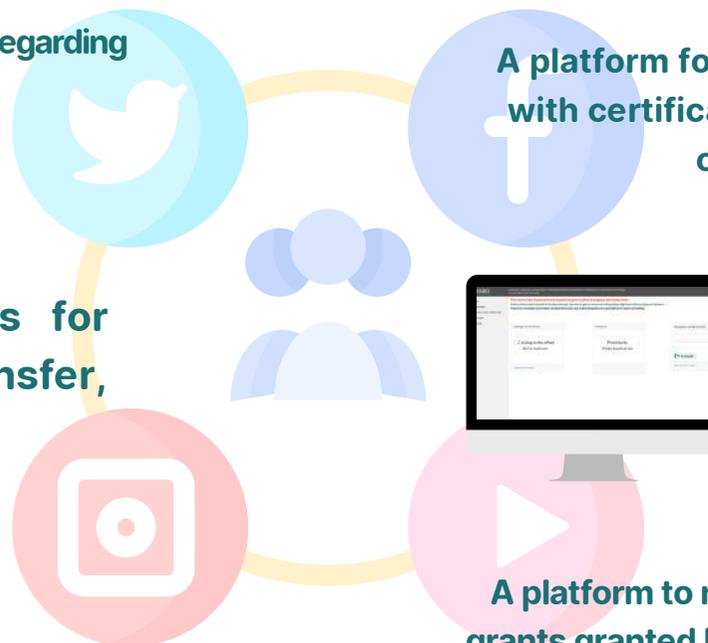


**taking care of students stranded in Ukraine**

## Facilitating students' lives in coordination with:

- The Ministry of the Interior and Local Authorities regarding all student information
- The National Office of Examinations and Competitions regarding obtaining a baccalaureate degree
- Ministry of Post and Telecommunications regarding the payment process

In addition to digitizing requests for university services such as transfer, residence and scholarship



## Digitization operations for students

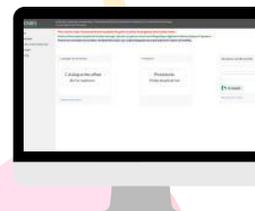


A platform for students to request certificates

A platform for requesting equations with certificates and documenting certificates



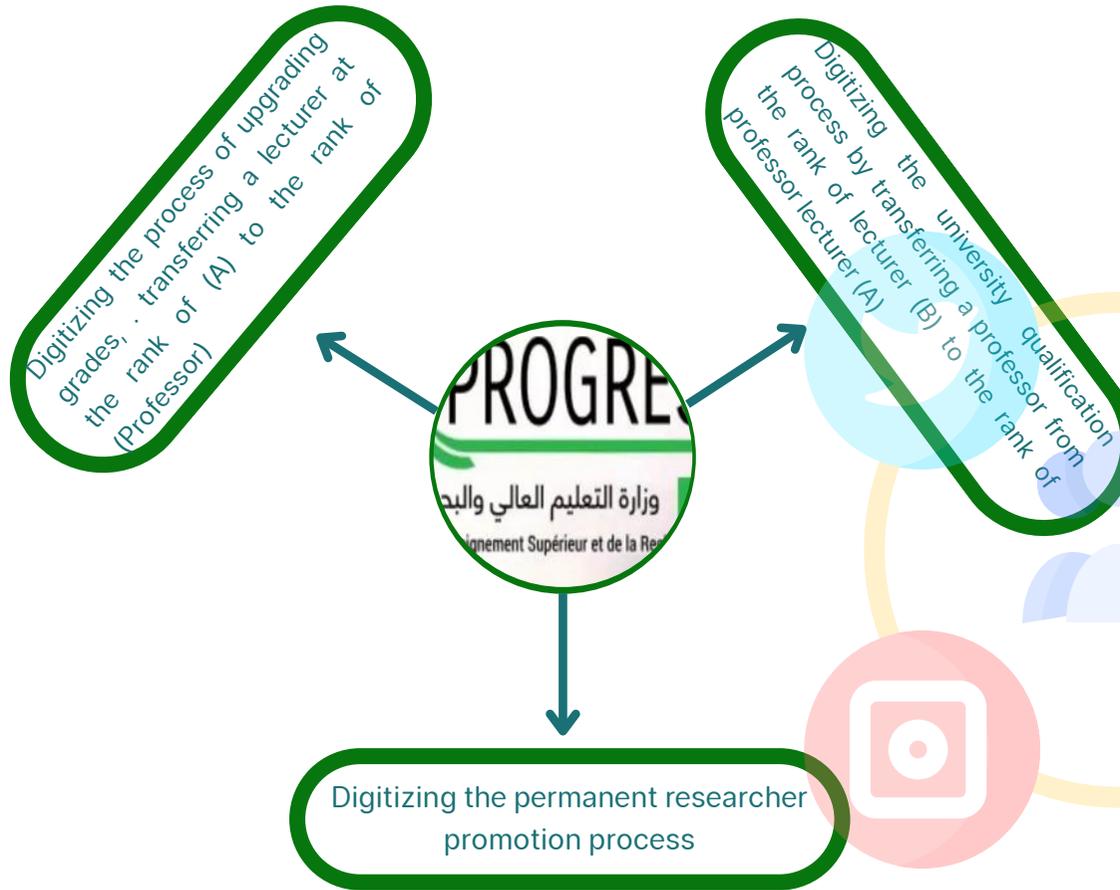
Develop platforms related to the scholarship application process for studying abroad



A platform to renew applications for grants granted by the higher education and scientific research sector and to guide foreign students who wish to study in Algeria



## Digitizing the processes for professors



## The institutions Services



creating a digital platform for grievances and complaints submitted by members of the university family to reach directly to the concerned directorate

digitizing a network requests and automated processing of institutions of higher education.



Developing the Lomondis platform to take care of all complaints of a malfunction in the Progress platform

Digitizing the process of accessing the doctorate by accompanying doctoral students, starting from opening training offers to placing and studying applications



## Creating a digital platform for competitions



Competition for the best thesis on national memory in preparation for the 60th anniversary of independence

"My thesis in 180 seconds" competition for the best doctoral thesis



## Working to achieve information security



Accompanying institutions of higher education and scientific research in order to secure their sites via the Web and the application of the national reference in information security

## Developing a digital platform to take care of Algerian students stranded in Ukraine



## The Center for Research in Media and Technology (Cerist) ensures the good conduct of platforms through:



**Raising the flow** of the Internet by signing with Algeria Telecom to run the Algerian Research Network system, which is a network that connects all higher education institutions across the nine main poles in Algeria each institution with a **flow of 100 megabytes** will move to **1 giga**, institutions with a **10 megabyte flow will move to 100 Mega** and all poles across the national territory will be divided into 10 starting from the next university entry 2022/2023



Establishing a service for **the possibility of subscribing to view the research journals** through the digital portal of the National System for Electronic Documentation on the center's website.

Introducing **the settlement system (.Dz)**, which several institutions of the homeland have benefited from by creating their own websites

Registration in **the International Number of Periodicals**



Organizing **scientific events** using distance lecture technology, such as the interactive Maghreb Congress of Nuclear Medicine, with the participation of more than 7 countries, which was a great success.

Developed a series of lectures on **digital humanity and theoretical automated media...**



Having regard to the political will to advanced higher education establishments and to complement the project to promote a culture of university ethics, the National Council for the Ethics of the University Profession has worked since its inauguration in 2019 to put an end to unacceptable behavior at the university by taking measures and introducing other measures, including:



And other measures to limit behaviours that do not suit the Algerian academic institution.

**Proposal to rename this advisory body.**



**Broaden the composition of the advisory body.**



In order to introduce the rights and duties of members of the university family, a digital portal has been established on the ministry's website, carrying all the necessary documents

in addition to a charter of ethics for the university profession with the Minister being the first to sign it electronically on October 7, 2021 during the national symposium for universities, giving a signal to all members of the university family to sign the charter.

The legal formula has also been given to the local committees of the council in order to install them at the level of all university institutions across the country to take care of addressing the problems of the university family such as the spread of the phenomenon of plagiarism.

**To promote a culture of university ethics, the council suggested:**

- Awareness days for ethics and morals in the field for the whole university family.
- Proposing a draft memorandum to combat cheating in the university environment.
- Preparing a news bulletin under the supervision of the Council and organizing media sessions on its social networks.
- Sending a letter to all higher education institutions inviting local committees to present the outcome of their activities via a digital platform, so that regional meetings will be organized later by these committees.

As a prospect for the sector, the Council seeks to consolidate a culture of ethics through:



Reduce the number of complaints that come to the ministry by treating them at the academic committees of higher education institutions on a consensual basis.



Preparing a questionnaire to try to solve all the problems of the university family with the help of quality and governance bodies

**%43**

Some of the concerns registered in university institutions were resolved by mutual consent

In case of failure, a complaint is lodged with the person in charge of the university and then with the Ministry for study.



Programming the organization of the International Forum for Ethics of the University Profession with the upcoming university admission 2022/2023, in which the outcome of the Council's work will be presented in the presence of many advanced countries in this field to exchange experiences between all parties.

The work carried out by the National Council for Ethics and the Ethics of the University Profession is an embodiment of the political project aimed at promoting higher education institutions, addressing the problems of the sector and limiting behaviors that are not appropriate for the university institution.





**Strengthening the sector participatory, consultative and communicative approach**



تاريخ مجيد وعمود جديد

Within the framework of the communication strategy pursued by the higher education and scientific research sector with **the social partners**, and with the aim of drawing up a well-thought-out plan of action that ensures the achievement of better and more effective results, Minister Abdelbaki benziane held several **seminars, meetings, visits and study days**.

## seminars

In order to consolidate the implementation of the communicative strategy adopted and to generalize the culture of social dialogue, the Minister met with **social partners** with representatives of teachers, workers and students in **three national seminars and two regional seminars**, during which the sector's activities were evaluated and valued. and their concerns were raised, with a total of **5 seminars**



The opening of the National Universities Symposium on December 15, 2021, which included an evaluation of the pedagogical and service activities for the first trimester of the academic year 2021/2022, in addition to defining the schedule of pedagogical activities



A regional symposium for the universities of the East of Algeria at the University of Hamma Lakhdar in the Wilayat of Oued Souf on March 31, 2022, through which preparations were made for university entry 2022/2023



A national symposium was held for university institutions on July 15, 2021 in preparation for university entry and to appreciate the efforts of the university family



A national symposium for universities in Oran on October 07, 2021, which was held to discuss the final preparations for university entry and to present a set of recommendations and directives that define the plan for future work in the higher education sector, in addition to emphasizing the need to conduct awareness-raising campaigns for vaccination against the Corona virus.



Conducting a regional symposium for the universities of the West on December 09, 2021 at the Central Library of the University of Oran 2, during which preparations were made for the national symposium for universities

## Encounters



# Meetings



A meeting with the social partners at the Ministry's headquarters, where my assessment of the work proceeds from July 15, 2021 was presented

Chaired a meeting at the University of Guelma

The Secretary-General of the Ministry met with directors of university services from various parts of the country

# the visits

Akli Mohand Oulhadj University, Bouira

university residences ouled fayet 2 and 3

University Pole Sidi Abdellah

University of Djilali Bounaama in Khemis Miliana

University of Hama Lakhdar in Oued Souf

Mouloud Mammeri University, Tizi Ouzou

University of Abou Bekr Belkaid in the state of Tlemcen

University of Mustapha Ben Boulaid, Batna

University of May 08, 1945 in Bouira

Belhadj Bouchaib University, Ain Temouchent

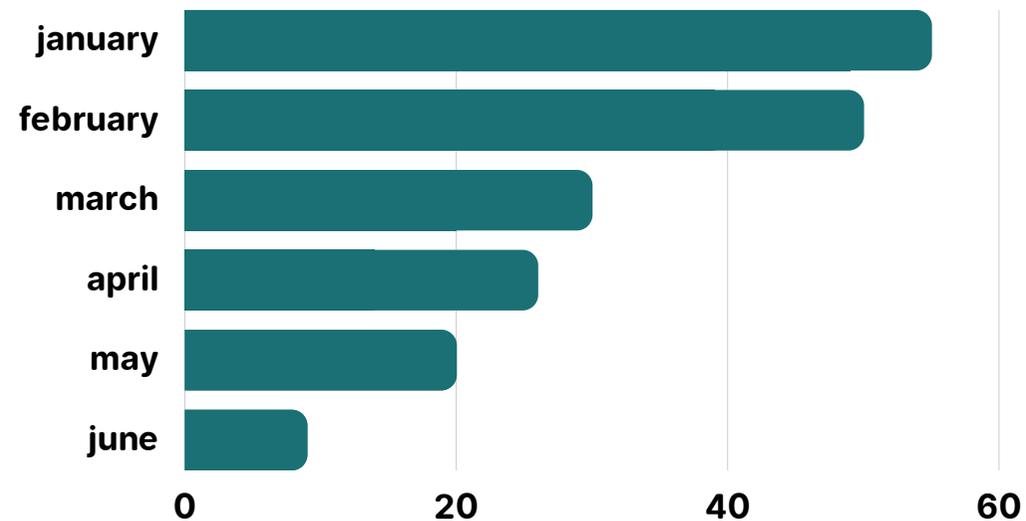
University of Djilali Ilyas Bouhaba Sidi Bel Abbas

# study days

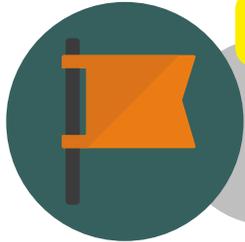


A study day was organized on March 26, 2022 at the University of Continuing Training, on internal security in the university community. Interventions were made by all the actors who are connected to the university community, from the officials of the university security offices / professors, researchers and experts about the current security situation and its prospects in university institutions, especially at the level of residences.

# The number 151 of grievances



# From January 1 to June 2022



coverage of the page

1 731 171



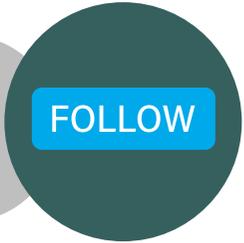
reactions rate

97 464



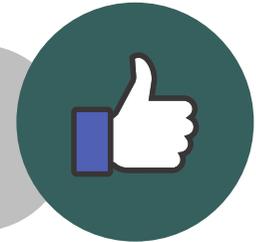
Follow-ups

250 830



new likes

17 854



The Ministry opened the way for the social partners to interact immediately, express their opinion and stay in touch with the course of events through the digital platform and social networking sites, within the framework of applying the consultative, participatory and communicative approach even in the digital space.

## Communication Strategies

In order to implement the strategic sector action plan and to involve and engage all stakeholders in the sector of higher education and scientific research to ensure the fluidity of information inside and outside the Ministry of Higher Education and Scientific Research. The latter adopted a communication strategy, through which the communication cell was adopted. It has a number of mechanisms, most notably:



**Inviting the media to cover the various activities of the Minister, and the various events organized by the central departments**



**Activating press conferences by Prof. Dr. Abdelbaki BENZIANE, as well as meetings and interventions in various media outlets on the sector's achievements.**



**Interventions of general and central directors and representatives of the sector in media campaigns to explain and clarify the decisions and procedures issued by the country's higher authorities related to higher education and scientific research, as well as by the will of the ministry, which is related to education and training.**

## The Ministry also adopted a new digital communication strategy represented in:

The official website of the Ministry via the Facebook page



the official page of Prof. Dr. Abdelbaki BENZIANE, in addition to the YouTube channel.



a **weekly statement** is published by the advisor to the Minister of Higher Education and Scientific Research, **Professor Laraj Morsli**, in which he presents a weekly summary of the various achievements, activities and statements of the Minister of Higher Education, Scientific Research and Sector.

Thanks to this strategy, tangible results were recorded at the media level of Audiovisual, written and electronic press.

From July 1 to December 31, 2021



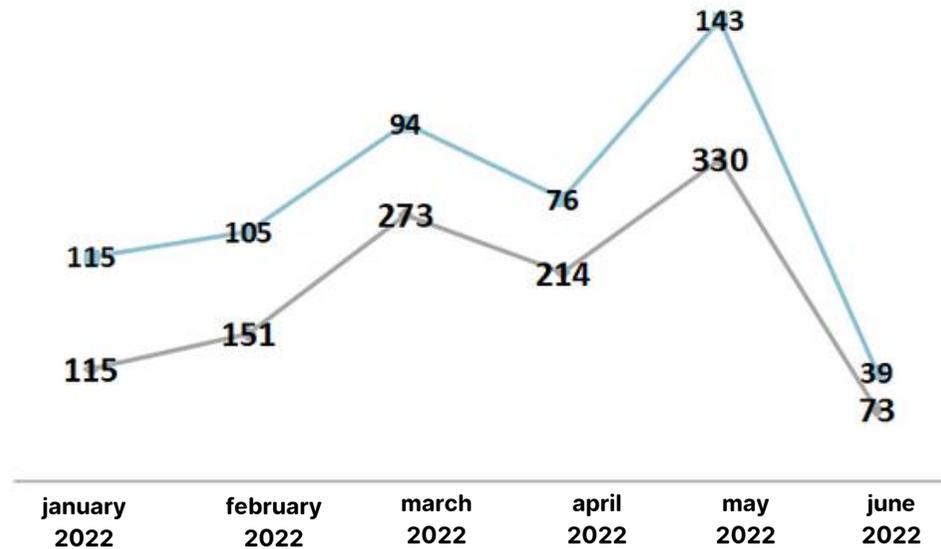
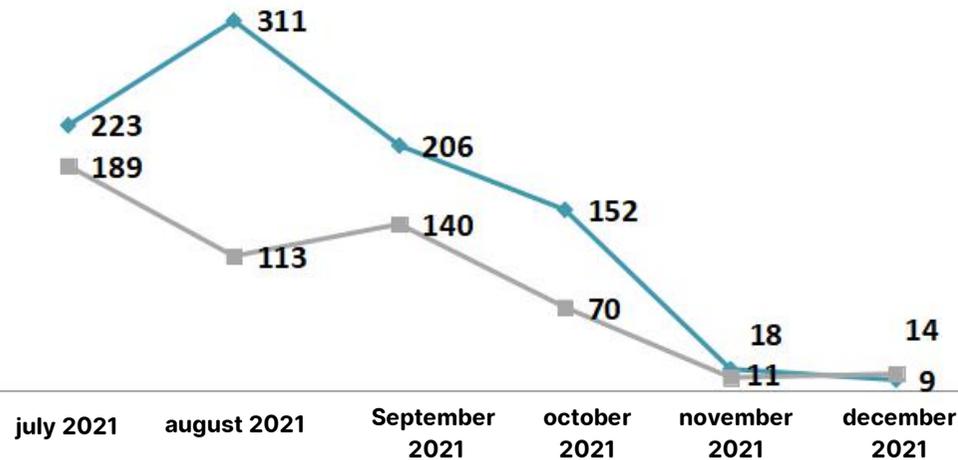
From July 1 to December 31, 2022



# Recorded results at the level of the press

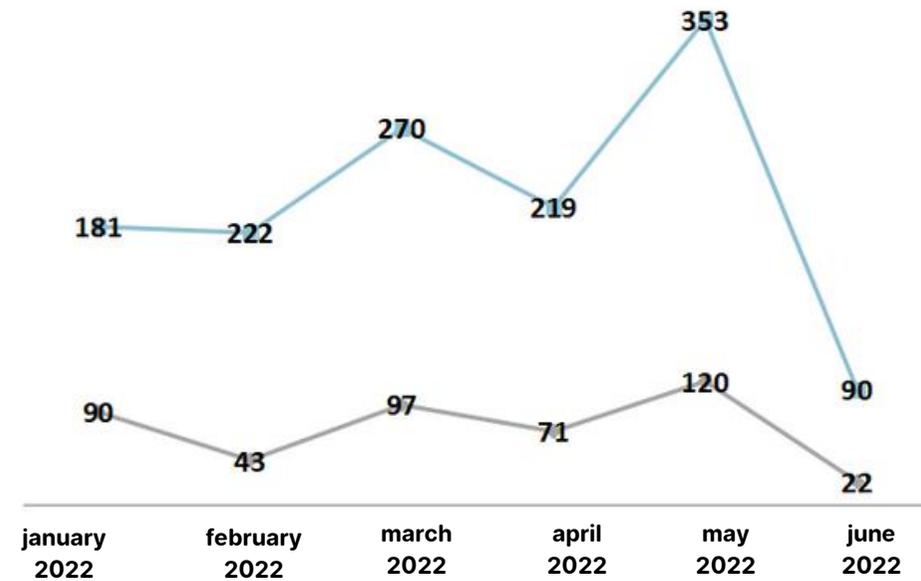
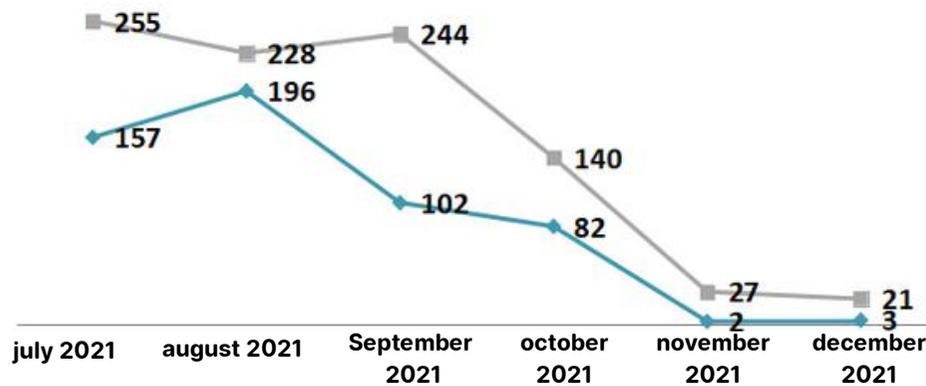
arabic-language newspapers

French-language newspapers

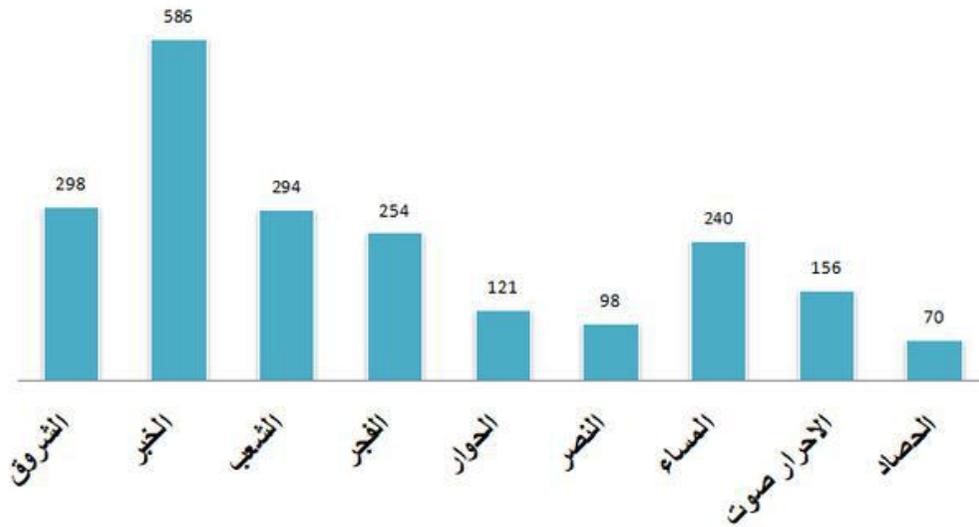


student life

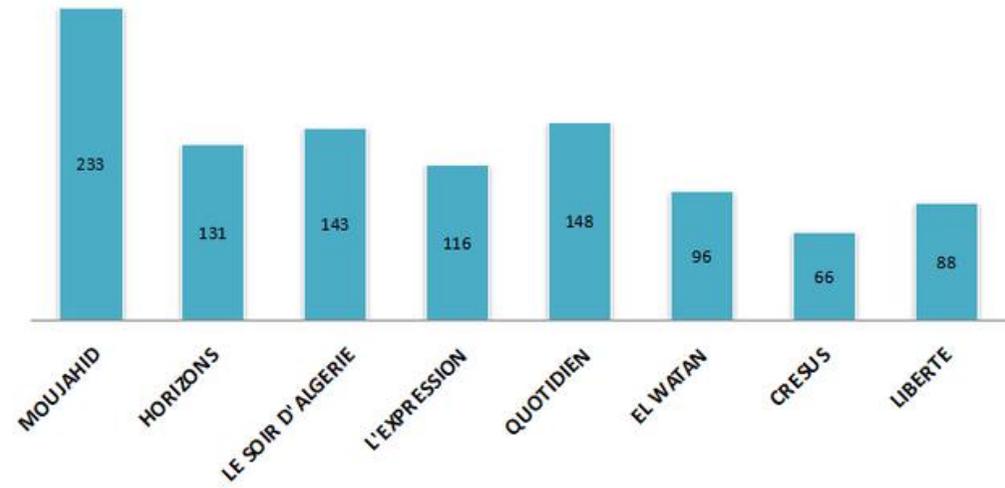
Ministerial instructions, the training sector, and the professor



### arabic-language newspapers



### French-language newspapers



Television and radio channels also contributed to covering most of the sector's achievements:

**Occasions**

Congratulations, condolences, eulogies

**meetings**

**statements**

**Conferences**

**Inaugurations**

**visitations**





# the Sector Legislative and Regulatory Activity



تاريخ مجيد وعمود جديد

# Drafting legal texts

Expanding the network of higher education sector institutions by initiating the drafting of the following legal texts:

## Presidential decree dated August 22, 2021 establishing a higher school in mathematics and another for artificial intelligence



## the issuance of Executive Decree 21-520 of December 26, 2021 establishing the National Great School of Agriculture in Adrar, and Decree No. 21-521 to establish Great School of Desert Agriculture in El-Oued



## Executive Decree No. 21-515 of December 25th, 2021 was issued, according to which a Great School for deaf-mute teachers was established.



# Executive decrees for the restructuring of university institutions

10 executive decrees were adopted to restructure some institutions:

- Benyoucef Benkhedda University, Algeria 1
- Badji Mokhtar University, Annaba
- Hassiba Benbouali University of Chlef
- University of August 20 Skikda

- University Center Si El Hawas in Barika, Batna
- Ferhat Abbas Setif University 1
- University Center Cherif Bouchoucha in Aflou, Laghouat
- University Mohamed Bougherra Boumerdes
- Mohamed Boudiaf University of Science and Technology, Oran
- Houari Boumediene University of Science and Technology Bab Ezzouar

## Modification of the studies and training system

On June 05, 2022, Executive Decree No. 22-208 was issued defining the system of studies and training for obtaining higher training diplomas

-  Bachelor
-  Master
-  Ph.D.
-  state engineer and architect

### joint decisions

#### Issuance of 72 joint ministerial decisions at the sector level and in all fields:

-  Three joint ministerial decisions dated June 09th, 2001, specifying the number and classification of jobs and the duration of the contract for employees working in conservation, maintenance or services activities
-  Joint ministerial decisions that include the establishment of joint research interests called "incubators" "21 incubators at the level of university institutions."
-  A joint ministerial decision determines the organization of the central administration of the Ministry of Higher Education and Scientific Research in offices
-  a joint draft ministerial resolution was prepared defining the internal organization of the Center for Research in Agricultural Nutrition Technologies
-  A joint ministerial decision that includes the establishment of the university services directorates and defining their headquarters and the list of university residences affiliated to them and their contents

 A joint ministerial decision defining the administrative organization of the National High School of Mathematics and the nature and organization of its technical interests

 A joint ministerial decision that includes the establishment of a joint research department at the Research Center in Industrial Technologies

 Ministerial decision amending and completing the joint ministerial decision dated January 15, 2013 containing the internal organization of the Research Center in Computer and Technical Information

 Two joint draft ministerial decisions that include the establishment of two joint departments for research in the form of two technological platforms at the Renewable Energy Development Center

 Draft executive decree complementing and completing Decree No. 05-370 of September 26, 2005 containing the Basic Law of the University Press Office

 160 decisions related to the boards of directors of universities, university centers, high schools, colleges and institutes boards

 57 decisions to establish departments at the level of some university institutions





FUTURE →

Prospects



تاريخ جديد وعهد جديد



## Education and training

- they will start from the next university season, the provisions of the Executive Decree No. 22-208 dated on June 05th, especially, in its provisions related to types of education (distance, mixed, domicile, alternating and dynamic).
- Reviewing the regulatory text that facilitates applications of accreditation for private institutions of higher training, by separating the conditions of establishing (a university, a school, & an institute).
- Subsuming 54 higher training institutions affiliated to other ministerial departments and 17 institutions especially for higher training in the regional universities seminars as a space of exchanging views and well practices for the benefit of these institutions.
- Allowing the doctorate student to engage technically and effectively in the process of research and knowledge production, where he will be graduated with the highest diploma in his academic path.
- Defining the horizons and setting goals that allow confronting the most important challenges that training faces, through the obligation of responding the economic and social sectors.
- training Innovation as well as providing competent persons to build a society of knowledge.
- Preparing the necessary mechanisms that allow achieving the desired horizons.

- Promoting the applied research and boosting the establishment, integration and employment of Doctorate students in the professional community.
- Putting into service doctoral schools that devote the principle of cooperation and partnership between social institutions that aim to achieve common goals through:



**Facilitating mobility of the Doctorate students to benefit within the framework of national mobility and take advantage of opportunities to conduct experiments and exploit technological grounds at the level of university institutions throughout the country.**



**Human and material resources Exchange.**

**creating an appropriate atmosphere in order to realize the doctoral thesis in a professional environment (Doctorate in the institution)**



- Re-drafting the "Canevas" form, a new file that holds all the special documents, of records and identification papers, presenting the correctness and integrity of the conduct of elections of scientific bodies at university institutions, and the legitimacy of the nominated professors in terms of ranks, to bring it in line with the executive decree that defines the tasks of the university institution and the rules for its organization and functioning.
- Modernizing and facilitating administrative procedures and bringing the administration closer to the citizen.
- developing the two current platforms (the platform related to the documentation process and the platform related to foreign certificate equivalencies).

- Providing university institutions with more than 130,000 final certificates in all levels for the year 2022, within the framework of the decentralization of the granting of the final graduation certificates.
- Granting autonomy to university institutions for the possibility of printing final certificates on the University Office of Publications starting from the academic year 2022/2023
- Working on preparing practical texts related to the specifications, data and characteristics of university degrees, as well as valuing experience gained.
- The project to create the National Agency of the Quality Assurance and Certification, which is a part of the sector's work plan.

Within the framework of the sector's endeavor represented in the training and research quality, the university institutions governance and their openness to the national and international environment, and under the directives of the President of the Republic, which are the necessity of updating the organizational equipment for reforming education and training.

➤ The sector released a number of texts, for example:

**Executive Decree No. 22-208 of June 05th, 2022, related to the studies system and training for obtaining university degrees, which included:**

1. New forms Institutionalizing of training such as distance education according to the mixed pattern, home training, Alternative and dynamic training.
2. Re-sending the engineer and architecture formations.
3. The Creation of a National pedagogical committee in addition to the field's pedagogical committee.
4. Diversifying enrollment in higher education by adopting the valorization of professional experience gains.
5. Establishing a national committee to qualify training offers in all levels.
6. Determining the conditions of qualifying, freezing and canceling the training offer.
7. Legalizing the training enrollment in the third level through a written competition.
8. Unifying the naming of doctorate diploma

The following text refers to 23 applied texts in which the General Directorate of Education and Training has begun preparing.

Establishing of the sector's work program inspired by the government's program, the Directorate of Education, in the first and second levels, also embarked on the following operations:

- **Initiating a formation plan review by redistributing branches with national registration to avoid duplication and unattractiveness of formations, to become local or regional formations.**
- **Working on restoring the gradual balance between the fields of humanities, social sciences and technological sciences.**
- **Continuing the modifying process of education programs in medical science of the fifth and sixth years.**
- **Reviewing training programs in the field of Information and Communication Sciences and providing for it a special training field .**

And for creating **new training points**, it will:

- Merge the Higher School of Mining and Minerals & the Higher School of Industrial Technologies to create a National Higher School of Technology and Engineering in Annaba.
- The National High School of Technology and the High School of Applied Sciences will also be merged to create a National High School for Advanced Technologies to be situated in the Technological Pole of Sidi Abdallah.
- Create two national high schools in desert agriculture in Adrar and El ouadi.

- Also thinking about the creation of a National High School of Nanotechnology.

Last but not least, a draft text has been prepared for the development of the Algerian Open University

## University Documentation Policy

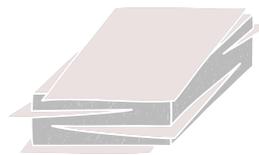


The office is working to achieve certain future aims such as creating an application that facilitates the financial accounting and monitoring analysis of the various directorates

In addition to the official website developing project, by digitizing basic documents and creating a platform for authors, the office also aspires to reach:



and for the proceeds of publication, about **100** books will be printed in various disciplines.



the printing of **100** titles in various disciplines



## University services

The university services sector seeks to develop in several service areas,

- including the financial field through the processes of rationalizing expenditures,
- consultation and discuss with social partners,
- providing security,
- especially digitizing the sector using a unified card used by the student in the service of restaurants and transportation, where an agreement will be made with public institutions to cover transportation through Metro and tram lines, the operation will start in 7 states

## Human Resources



The prospects are still open for many operations programmed within the improvement plans, including a training course on the organic law of financial laws and results-based management for the second semester and on internal security in sector institutions.



## Financial Affairs

The directorate has already started the realization of an electronic platform of properties, which is a digital platform for properties belonging to the sector, built, movable and functional housing.

In the same context, the sector card for dealers constitutes an important focus in the sector, where the initial vision and future prospects were prepared to be ready at the disposal of the institutions.

## Digitization, Network Development and Governance



The Scientific and Technical Media Research Center is working to increase the range of research journals that researchers want to access.

- Transition to IP telephony for all higher education institutions.
- Setting the National System service of Programs via internet to enable students and researchers to be jointed in it, and this allows them to access many programs at the same time and to rationalize expenses, by adding a data center.

- Improving the Internet flow in the field of distance study with a larger capacity and giving the ability to record a large number of video clips to ensure the proper conduct of distance study to avoid falling into crises such as the Corona crisis
- Putting new infrastructures into service, such as cloud technology and HPC, a high-performance account via the data center whose establishment is based on cyber-security.

As forward-looking, the Ministry of Higher Education and Scientific Research, through the Directorate of Digitization and Network Development,

1. seeks to create a digital platform for grievances and complaints submitted by members of the university family to reach directly to the concerned directorate.
2. digitizing network requests and automated processing of higher education institutions.
3. digitizing and counting the Ministry's property and also generalizing the use of Progress platform among students.
4. raising the flow of the Internet and work on the development of distance education.

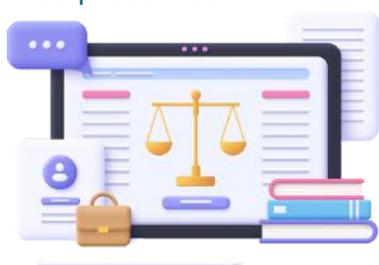
**These processes set by the Directorate of Digitization and Network Development into planning and implementation, is aiming at upgrading the sector and facilitating transactions through the transition from paper work to electronic work in conjunction with technological development.**



## University ethics and morality

As forward-looking of the sector, the Council seeks to consolidate a culture of these ethics through:

- Preparing a questionnaire to know the work of the council and committees in spreading this culture by the help of quality and government bodies
- Reducing the number of complaints that reach the Ministry of treatment at the level of university committees of higher education institutions
- Organizing the International Forum of the Profession University ethics and morality on the next university entry 2022/2023, in which the outcome of the council's work and experiences exchanged will be presented.



## the Sector Legislative and Regulatory Activity

To apply the program of the action plan of the sector developing and ensuring the quality of education and scientific research, the Directorate of Legal Affairs is working on issuing a number of texts to determine future prospects, **such as the text that includes the National Agency for Quality Assurance and Accreditation in Higher Education and Research Institutions**

- as well as the establishment of the National Higher School of Advanced Technologies in Sidi Abdallah and the Higher School of Technology and Engineering in Annaba.
- As well as the restructuring of a group of university institutions (University of Saida "Dr. Moulay Taher" and university centers in Mila, Illizi and Naama),
- in addition to prepare the model basic law of the University of Continuous education, which will bear the name of the Algerian Open University as a challenge to the Ministry in the field of higher education and scientific research, as well as technological innovation.



Production of the media and communication cell

Ministry of Higher Education and scientific Research

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