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# UMBB INFO



## THE EDITORIAL BOARD

The Editorial Board is delighted to share with you Boumerdes University's newsletter (UMBB INFO) covering the period of April through July 2025. Several notable events marked this period, comprising the appointment of a new rector, the celebration of Knowledge Day, the organisation of engaging scientific events, the signing of a strategic partnership between Huawei Telecommunications Algeria and M'hamed Bougera University during the university's end-of-year ceremony, and the inaugural hosting of the National Doctoral Year opening ceremony for the first time under the patronage of His Excellency, the Minister of Higher Education and Scientific Research.



## Appointment of New Rector

Prof. Nouredine Abdelbaki was officially appointed as the Rector of the University of M'Hamed Bougara on 21 April 2025, succeeding Prof. Mustapha Yahy, who completed his term. The handover ceremony was chaired by Professor Hocine Fouzari, Inspector General of the Ministry of Higher Education and Scientific Research, and attended by the Director of the Governor's Office of Boumerdes Province and the University's regional staff.



# UMBB



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## THE RECTOR'S WORD:

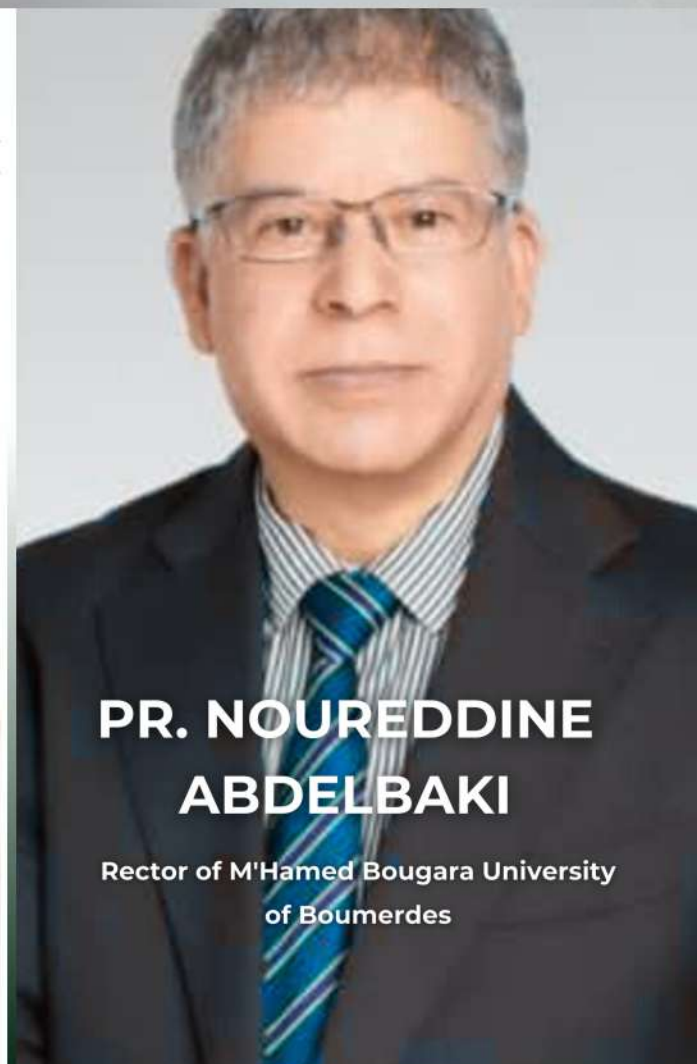
Following my appointment to this new position as Rector of M'Hamed Bougara University of Boumerdes, I would like to express my joy and honor at joining this prestigious community of students, faculty, and researchers. As a pioneering institution in Algeria, our university's mission is to foster scientific collaboration, research partnerships, and knowledge sharing between local and international academic communities.

We firmly believe that education is a powerful driver of the Algerian economy and the promotion of skills, thereby creating a positive and lasting impact both in Algeria and abroad. By fostering a culture of innovation, scientific achievement, and academic excellence, our programs are designed to meet the highest standards and offer students a world-class education. Grounded in technology and science disciplines, our university remains devoted to international cooperation through different platforms and specialized programs designed to accommodate international and exchange students.

We invite you to discover the details included in this newsletter covering April through July 2025. It includes the opening ceremony of the 2024-2025 national doctoral year, which was held for the first time at our university; the key scientific events; the celebration of Knowledge Day; the signing of a strategic partnership between Huawei Telecommunications Algeria and M'hamed Bougara University during the university's end-of-year ceremony; and the institutional advances and leadership demonstrated through the multiple activities of the University of Boumerdes' incubator services.

As you review this term's significant events, we strongly encourage you to recognize these collective achievements. Whether you are a student striving for academic excellence, a faculty member conducting innovative research, or a staff member supporting our mission, your commitment and contributions have made these activities and efforts possible under the patronage of His Excellency, the Minister of Higher Education and Scientific Research, Prof. Kamel BADDARI.

We invite you to join us on this inspiring academic journey toward distinction and academic excellence.



**PR. NOUREDDINE  
ABDELBAKI**

**Rector of M'Hamed Bougara University  
of Boumerdes**



## The Minister of Higher Education and Scientific Research Visit: The Doctoral Inaugural Day

M<sup>h</sup> Hamed Bougara University of Boumerdes conducted the Inaugural Doctoral Ceremony on May 13th, 2025, at the University Conference Room. This significant academic occasion has enhanced academic excellence within postgraduate education and research ingenuity. The event began with the national anthem, followed by a welcome address delivered by the Vice-Rector, Dr. Saadia YSBAA, who highlighted the importance of the day and presented an overview of the doctoral training in figures, along with the university's vision for doctoral excellence.

Prof. Nourredine ABDELBAKI, Rector of the University of Boumerdes, who provided insights into the university's strategic plan for enhancing doctoral programs, including recent achievements in research output, international collaborations, and the establishment of new research centers, followed the opening speech.

The ceremony opening was continued by the Minister of Higher Education and Scientific Research, his excellency Prof. Kamel Baddari, who delivered the keynote address, emphasizing the critical role of doctoral research in national development and innovation.

The Minister highlighted government's efforts in supporting postgraduate education and research infrastructure development, while acknowledging the university's contributions to the national research landscape.



Attended by all the universities across Algeria via teleconferencing, the doctoral academic year was launched from Boumerdes and included local and university leadership, faculty members, and the new PhD students from the four departments of Informatics, Hydrocarbons, Mathematics, and English. The program also included key announcements on the incorporation of complementary training, including new subjects in the 2024-2025 doctoral studies, namely Information and Communication Technologies (ICT) in relation to scientific research and pedagogy, Basics and Techniques of Programming, and Techniques and Tools of Artificial Intelligence, among others.

As the university moves forward, the initiatives announced during this inaugural day will serve as important stepping stones toward achieving even greater heights in postgraduate education and research excellence.

# The University Collaborations

## Collaboration with the University of Limerick

M'Hamed Bougara University's Centre for Intensive Language Teaching (CEIL), in partnership with the University of Limerick, organised a workshop entitled "English Medium Instruction for Algerian Academics" on January 22-23, 2025. The program was compatible with the national policy that encourages the teaching and learning of the English language in higher education. The workshop brought together researchers from both universities with interactive presentations and hands-on workshops organised by Dr. Angela Farrell, Dr. Catherine Martin, and Prof. Tewfik Soulimane for two days of specialist-led sessions. This program aimed to reinforce the pedagogical and linguistic competence of faculty members in English as a Medium of Instruction (EMI).



The participants enjoyed the quality of the presentations and the usefulness of the sessions, demonstrating much interest in future training events. Moreover, the workshop offered the opportunity to explore potential joint projects, especially with respect to the Erasmus+ program, such as joint supervision of PhD students, development of joint academic modules, and teaching capacity building. CEIL Director Dr. Abdelhak Mesbah also highlighted the importance of this project in enabling the transition to EMI (English as a Medium of Instruction) and aligning the university with international partnerships.



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# Partnership Agreement



# HUAWEI

## **Partnership Agreement Between Huawei Telecommunications Algeria and M'Hamed Bougara University of Boumerdes**

During the closing ceremony of the academic year 2024-2025, Prof. Nouredine Abdelbaki, Rector of M'Hamed Bougara University of Boumerdes, and Mr. Liu Cheng Cheng, Vice President of Huawei Telecommunications Algeria, officially signed a landmark 3-year renewable memorandum of understanding to establish a Huawei ICT Academy of Excellence.

The Academy will focus on achieving the following objectives:

1. Transferring comprehensive technology through Huawei's ICT Academy framework.
2. Professional training for UMBB students in Datacom, WLAN, Security, Storage, Cloud Computing, Cloud Services, DataCenter, and Transmission technologies.
3. Organizing workshops presented by digitization experts.
4. Updating UMBB staff with the latest technological trends and technical competencies.
5. Awarding each UMBB-designated trainer with certification training, like: HCIA/HCIP/HCIE.

Many distinguished guests attended the signing ceremony, including the Advisor to the Minister of Higher Education and Scientific Research, the Secretary General of Boumerdes Province, and prominent academics and faculty members.

This agreement positions UMBB as a regional leader in telecommunications and technology training, reinforcing the university's commitment to technological excellence and international cooperation in higher education.





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# The University's Scientific Events

**International Conferences**

**National Conferences**

**Workshops and Study Days**

## International Conference

Chaired by Dr. Khaddam Hussein and his team, the Second International seminar on Biodiversity, Environment and Biotechnology was organized at the IOEE Institute (formerly INELEC) of UMBB, on March 12-13, 2025, with 300 participants (83.35% engagement rate). The Seminar pointed out the following areas: Biodiversity (80% participation), Environment (86%), and Biotechnology (84%), with outcomes comprising increased awareness, new partnerships, and innovative projects. The symposium aimed to promote environmental protection through multidisciplinary cooperation and responsible biotechnology applications, with plans to follow up on projects and future events.



## National Conferences

Under the supervision of Dr. Sedra Wasila and Professor Touati Nassira, the Faculty of Law and Political Sciences at M'Hamed Bougara University successfully organized the National Conference on Publishing in Classified Scientific Journals: Reality and Prospects on Tuesday, April 15, 2025. This comprehensive hybrid conference, conducted simultaneously in both in person and remote formats has highlighted twenty-five presentations foregrounding academic challenges, encompassing the following key elements: selecting Scopus journals, plagiarism detection, artificial intelligence tools in research, and ethical practices in publishing. As concluding key recommendations, ethical frameworks for AI use, standardizing article templates, periodic evaluation of Algerian journals, and providing plagiarism detection tools for researchers, and citation in legal studies— all of which were highly suggested for scholarly publishing standards.





### **The Second National Conference on Food Systems in Algeria: Aquaculture, Challenges and Prospects**

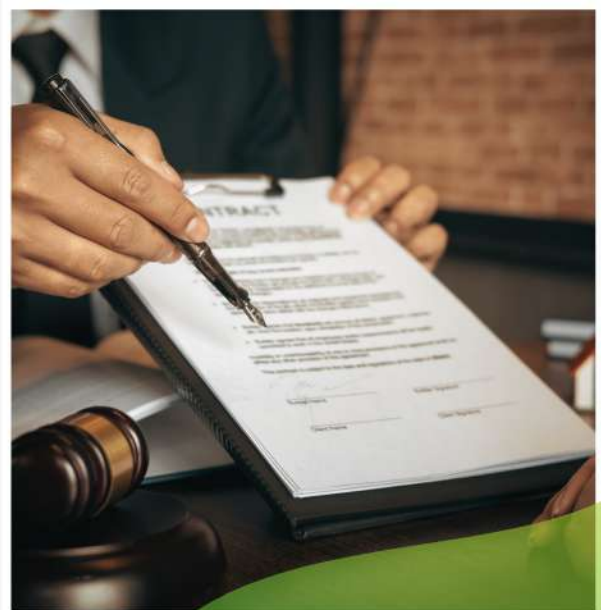
M'Hamed Bougara University, under the supervision of Pr. MESSAOUD-BOUREGHDA MZ (Conference President) and his team, organized the Second National Conference on Food Systems in Algeria: Aquaculture, Challenges and Prospects on Wednesday, April 23, 2025, with 120 participants including researchers, industrial experts, and students. The key points addressed in this conference were aquaculture development, social and economic sustainability, and technological innovation, with 8 oral presentations and 22 scientific posters discussing issues such as aquaponics, food security, and aquaculture. Key concluding recommendations have suggested strengthening cooperation between academia, industry, and government for the sustainable development of Algeria's aquaculture sector.

### **Challenges and Contributions of Activating Electronic Flow of Financial, Accounting, and Tax Transactions in the Context of Digital Transformation**

The National Scientific Conference on "Challenges of Activating Electronic Flow of Financial and Accounting Transactions" was held on April 16-17, 2025, at M'Hamed Bougara University of Boumerdes, under the supervision of Dr. Belal Chikhi. It examined the influence of digital transformation on the quality of financial transactions. Financial experts delivered 60 presentations with active participations. The conference ended with significant recommendations including enhancing electronic processing of transactions, promoting accounting standards, and improving professional training in the digital field.

## **Combating Illegal Speculation Between Legal Texts and Reality**

The National Conference titled "Combating Illegal Speculation Between Legal Texts and Reality" was organized by the Laboratory of Legal Mechanisms for Sustainable Development at the Faculty of Law and Political Sciences, Université M'hamed Bougara in Boumerdes, chaired by Professor Zouiya Samira, with participation from professors from various Algerian universities and representatives of relevant institutions. The conference featured 77 scientific presentations discussing the challenges of combating illegal speculation and produced key recommendations including: revising Law 15-21 to expand the concept of speculation to include the service sector, establishing an independent legal mechanism to assess law effectiveness, enhancing administrative and digital oversight using artificial intelligence, and protecting whistleblowers of speculation crimes, while emphasizing the role of civil society and media in awareness-raising and combating the phenomenon, and benefiting from international experiences in this field.





## Health Security Challenges in Algeria Post-COVID-19 Pandemic

The National Conference on "Health Security Challenges in Algeria Post-COVID-19 Pandemic" was held on April 27, 2025, at M'Hamed Bougara University of Boumerdes, supervised by Dr. Boubsila Amina and Professor Amrouche Abdelwahab, with the participation of professors from thirteen Algerian universities who discussed healthcare sector reform post-pandemic. At the closure of the conference, key recommendations were proposed emphasizing the importance of strengthening the preventive dimension, establishing a national health security strategy (2025-2030), deploying artificial intelligence, and reducing physician brain drain. In addition, there was emphasis on the need for healthcare system resilience to face epidemics and foster cooperation to attain sustainable health security.

## Dietary Supplements: Between Urgent Necessity and Surrounding Health Risks

The Faculty of Sciences (STAPS Department) at M'Hamed Bougara University, under the presidency of Dr. Nouiqa Radouan and sponsored by University President Yahya Mustapha, conducted the Study Day on "Dietary Supplements: Between Urgent Necessity and Surrounding Health Risks" on Monday, April 28, 2025. This study day addressed diverse issues, including the global dominance of sports supplements and their positive and negative impact on physical performance. With the contribution of multiple experts from Algerian universities, the event schedule covered types of supplements, safe usage rules, and prevention systems, dedicated to educating students about proper practices for use in the sports field.



On May 15th, 2025, the National Student Solidarity Organization (ONSE), in coordination with the Nasma Amal Association, organized an awareness day focusing on smoking and cancer risks at the university incubator. The event brought together key university officials, specialized doctors in health sciences and social sciences, and religious counselors. Rich exchanges resulted in valuable recommendations from professors, doctors, and students, with the event concluding with certificate presentations to participants.

## Knowledge Day Commemoration

M'Hamed Bougara University celebrated Knowledge Day on 16 April, 2025. The event brought together various members of the university community, academic figures, media representatives, and local authorities.

Several intellectual activities and competitions were also organized, along with exhibitions by scientific and cultural clubs. Preparation and participation procedures for the President of the Republic's Award for Innovative Researchers were presented.

Finally, winners and participants were honored. A big thank you to all those who contributed to the success of this event, which took place in an atmosphere of brotherhood and friendship.

The First University Debate Championship under the theme "Dialogue of Minds," organized by the Poli'Talk Scientific Club in coordination with the Algerian Debate Foundation on Knowledge Day (April 16, 2025), concluded after three days of competition with Team Elite winning first place, Team Hyogen second, and Free Forum third. The event ended with an award ceremony honoring the winning teams and the five best speakers following an exciting final between Team Elite and Team Hyogen.



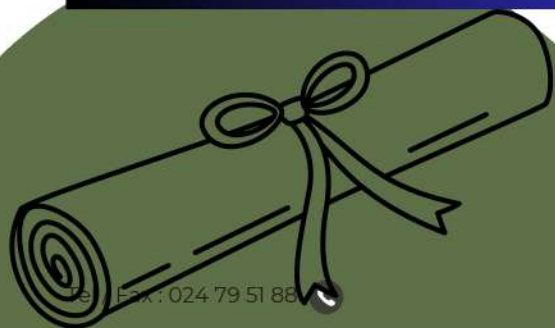
On Tuesday, April 15, 2025, Professor Ameziane AOUSSAT, Director of the Product Design and Innovation Laboratory (LCPI) at the École des Arts et Métiers in Paris, was a guest at the University of Boumerdes, where he was received by Professor Mustapha Yahi and his assistants. He gave a lecture on innovation with interactive discussion for students at the university incubator.



Abla Abdelraouf (Computer Science, Faculty of Sciences, University of Boumerdes)—among the Winners of the Huawei Global ICT Competition in Shenzhen, China— was honored by the Minister of Higher Education and Scientific Research, Mr Kamel Baddari.

The ceremony was held at the Shahid Abdelhafid Ihaddaden Sidi Abdallah Scientific and Technological Hub.in the presence of the Minister of Knowledge Economy, Startups and Micro-enterprises, the Minister of Posts and Telecommunications, and the President of the Higher Youth Council.

The university demonstrated its commitment to academic excellence through comprehensive training programs for new faculty members. Training sessions for newly appointed teacher-researchers were inaugurated at the Central Library on April 23rd, 2025, under the supervision of Professor Nouredine Abdelbaki, Rector of M'Hamed Bougara University of Boumerdes. A second training session was organised on May 14th, 2025, at the Central Library, led by Prof. Samir, Director of the Incubator and member of the National Committee for Innovation and Entrepreneurship, Prof. Bouchnak from the Faculty of Sciences; and Prof. Mekri.



# INNOVATION, EXCELLENCE, AND INTERNATIONAL RECOGNITION

On April 16-17, 2025, the Department of Computer Science at Université M'Hamed Bougara, Boumerdes, organised the 2nd National Conference on Applications of Artificial Intelligence (A2I'25). The conference was meant to highlight AI solutions to address multiple serious societal challenges in education, energy, healthcare, agriculture, and cybersecurity. With 51 submissions and 29 accepted papers (a 57% acceptance rate), the conference focused on key subjects such as deep learning, computer vision, natural language processing, and AI applications in smart grids and medical diagnosis. Led by Dr. Djamel Belkasmi, Dr. Fayçal Touazi, Dr. Youcef Yahiatene, Dr. Tayeb Benzenati, and Pr. Menouar Boulif, the gathering emphasised practical recommendations on AI implementation in strategic sectors and promoted interdisciplinary research, ethical governance, and international collaboration to enhance Algeria's AI ecosystem.

The National Day of Applied Microbiology in Service of Industry (JNMA SI'25) was held on May 8th, 2025, at the University's central library. Under the supervision of Prof. Noureddine Abdelbaki, the Laboratory of Bioinformatics, Applied Microbiology, and Biomolecules, from the Faculty of Sciences, in collaboration with the university incubator, organised this significant scientific event, demonstrating the university's commitment to bridging academic research with industrial applications.

The English Language Department at M'Hamed Bougara University, under the supervision of Dr. Karima Bouharrou-Benhamana, organised a workshop entitled 'Start-ups and Foreign Language Students: Facing Challenges and Seizing Opportunities' on Tuesday, April 15, 2025. This academic event addressed Ministerial Decision 1275 and entrepreneurship strategies that have been designed for language students, connecting linguistic studies with start-up opportunities through interactive dialogues. The event discussion was enhanced by the active participation of faculty members and the contribution of guest lecturer Mr. Haj Milab.



**M'Hamed Bougara University concluded the 2024-2025 academic year with a series of distinguished ceremonies celebrating academic excellence. By beginning the celebrations on July 5th—the anniversary of Algeria's independence—and building toward a grand university-wide ceremony, the institution created a meaningful framework that honours both individual achievement and collective national identity with departmental and scientific club ceremonies, culminating in the grand university-wide closing ceremony on July 9th under rectoral patronage.**

## Events related to the Academic Year Closing Ceremony



### July 3rd, 2025

At the conference hall of the Faculty of Technology and under the patronage of Mr. Rachid Local, Director in charge of cultural, scientific, and sports activities, the Scientific Clubs of M'Hamed Bougara University concluded their annual activities with a closing ceremony on July 3rd, 2025, celebrating student innovations and research contributions across various scientific disciplines. This event highlighted the remarkable achievements of club members and emphasised the vital role of extracurricular scientific engagement in fostering academic excellence.

### July 3rd, 2025

Under the patronage of Dr. Benhamana Karima and her administrative staff as organizers, the English Department of M'Hamed Bougara University celebrated its academic year closing ceremony on July 3rd, 2025, recognizing outstanding student achievements in language studies and literature. This prestigious event honored graduating students and highlighted the department's commitment to excellence in English language education and research.



### July 2nd, 2025

Under the supervision of Professor Ben Saghir Abdelazim and the Al-Sanhouri Scientific Cultural Club as organisers, the Faculty of Law and Political Sciences at M'Hamed Bougara University of Boumerdes celebrated its academic year closing ceremony on July 2nd, 2025, recognising outstanding student achievements in legal studies and political science. This prestigious event honoured graduating students and highlighted the faculty's commitment to excellence in legal education and research.



# CLOSING CEREMONY

## JULY 9TH, 2025

*Under the patronage of Rector Prof. Noureddine Abdelbaki, M'Hamed Bougara University held its grand closing ceremony on July 9th, 2025, marking the end of the 2024-2025 academic year. This important occasion celebrated the achievements of the entire university community and recognised academic excellence across all faculties and departments. The ceremony held particular significance as it followed closely after July 5th, when Algeria celebrated the 63rd anniversary of its independence in 1962, creating an important connection between the nation's freedom and the university's commitment to developing knowledge and intellectual training for future generations.*



*The ceremony incorporated recognition segments that honoured various members of the academic institution, notably Master's degree graduates from each department across the faculties and institutes.*

*teacher-researchers promoted to the rank of Professor of Higher Education, and those promoted to the rank of Professor Emeritus.*



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