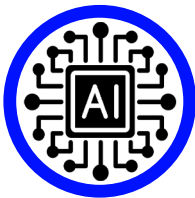




## UNLOCK THE FUTURE

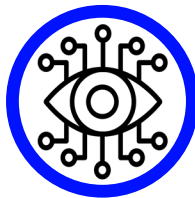
Join our dynamic three-day workshop where expert instructors guide you through AI tools, Python programming, and embedded systems using Arduino and Raspberry Pi. Gain hands-on experience, dive into real-world applications like computer vision and deep learning, and connect with professionals to boost your innovation journey.

## OUR INSTRUCTORS



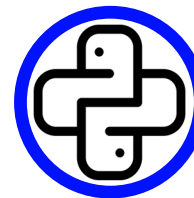
**IHSSANE HOUHOU**  
(UNIV-BISKRA)

AI TOOLS: How to  
use them  
effectively



**DJAMEL EDDINE**  
**BOUKHARI**  
(UNIV-BISKRA)

Advances in Artificial  
Intelligence for  
Computer Vision  
Applications



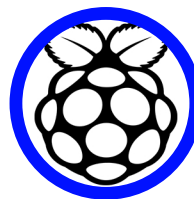
**ILYES BENAÏSSA**  
(UNIV-BISKRA)

From Code to  
Intelligence: A Practical  
Guide to Deep Learning  
in Python



**AYMENE BACHA**  
(UNIV-BISKRA)

Programming  
Electronic  
Projects Using  
Arduino



**FADI ZIDI**  
(UNIV-BISKRA)

Exploring the World  
with AI-Powered  
Eyes on Raspberry  
Pi

## REGISTRATION FEES

THE REGISTRATION IS FREE FOR  
ALL (PLACES ARE LIMITED)

Include:

- Access to all Sessions
- Certificate of Participation
- Coffee Breaks



04,05,06 MAY 2025



University of Mohamed  
Khider,  
07000 Biskra, Algeria

## FOR REGISTRATION



## FIRST DAY

- AI TOOLS: How to use them effectively
- Advances in Artificial Intelligence for Computer Vision Applications
- From Code to Intelligence: A Practical Guide to Deep Learning in Python



## SECOND DAY

- Programming Electronic Projects Using Arduino:

### Theoretical:

Introduction to Arduino, its basic components, development environment, programming fundamentals, interfacing with inputs and outputs, along with an explanation of various components and simple projects.

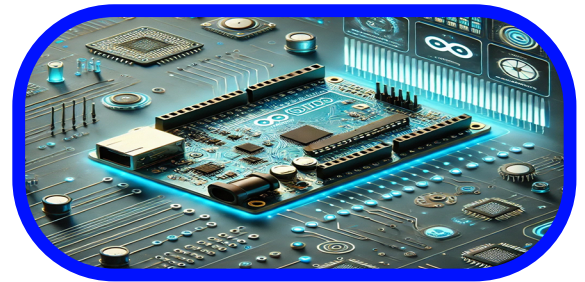
### Practical:

Practical application through 4 fundamental projects:

Smart Lighting Project: LED light with an LDR sensor

Temperature-Based Fan Speed Control Project: Temperature sensor with a motor

Gas Leak Alarm System Project: Gas sensor with a buzzer



## THIRD DAY

- PiVision: Exploring the World with AI-Powered Eyes on Raspberry Pi



## SCIENTIFIC COMMITTEE

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4. TERKI Nadjiba -PR- (UNIV-BISKRA)
5. OUAFI Abdekarim -PR- (UNIV-BISKRA)
6. ZITOUNI Athmane -PR- (UNIV-BISKRA)
7. BOUMEHRAZ Mohamed -PR- (UNIV-BISKRA)
8. ZEHANI Soraya -DR- (UNIV-BISKRA)
9. TOUBA Mostafa -DR- (UNIV-BISKRA)

10. SAADUN Achour -PR- (UNIV-BISKRA)
11. MEGERBI Hassina -PR- (UNIV-BISKRA)
12. MECHGUG Raihane -DR- (UNIV-BISKRA)
13. ABDESSALEM Salim -DR- (UNIV-BISKRA)
14. BENLMIR Okba -DR- (UNIV-BISKRA)
15. MEDEOUAKH Saadia -DR- (UNIV-BISKRA)
16. MASSOUDI ABELHAMID -DR- (UNIV-BISKRA)
17. HANANE NEBAR -DR- (UNIV-BISKRA)

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