

LIRA Fund 2022:

Call for Proposals for industrially supported Academic projects, co-funded by IRALEB through LIRA program

IRALEB is launching the annual Call for Proposals for industrially supported and applied academic projects, to be co-funded through LIRA program.

Eligibility

To be eligible for consideration in the **LIRA Fund 2022**, projects must be:

- Submitted through the online application portal prior to the deadline.
- Prepared by students, on their final year of an accredited bachelor of engineering program, or on a masters of sciences or engineering program, or within doctorate programs.
- Strongly leading to tangible industrial development.
- Indicative of rigorous applied research outcomes.
- Supported by a functional prototype that would be showcased during the LIRA 16 Forum (with the exception of Doctorate projects, who may be allowed to present their prototype at the next annual forum).

Submission

LIRA Fund applications should be filled online by visiting our website, and following the detailed steps, at: www.iraleb.org.

Before starting the application, applicant has to carefully read the categories & eligibility conditions, and LIRA assessment criteria.

The application require to provide a thorough and detailed description of the project, uniqueness and innovation, detailed design, detailed budget, proof of viable industrial application of the project, expected deliverables and virtual render of the proposed project

Deadline

Applications are open as of **February 14, 2022** and will close on **February 28, 2022**.

Every applicant will have a username and password to save his application, update it, and submit it at any time before the deadline. Applicant will be able

also to track his application status and receive notification email to update it or upload requested video or photos, etc.

Deadline for all applications is 28th of February 2022, after which no further applications or modifications will be accepted.

Screening

IRALEB qualified specialists will evaluate and assess all applications based on the criteria and conditions published on IRALEB website. Final decisions on accepted projects will be released one month after the application closing date.

Once accepted, applicants will be notified to immediately supply us with a hard copy of the submitted proposal signed by the Academic Supervisor(s), Dean (or authorized signatory) of the concerned Faculty, and the Industrial Partner -who also has to issue and sign an endorsement letter on official company letterhead, specifying their contribution to the project, in addition to a copy of their valid industrial license.

Successful projects (applications) will participate in the LIRA Fund Award Ceremony 2022 where students will have to present their innovative ideas along with their supervisors who will be responsible for managing and disbursing the allocated Fund.

Financing

IRALEB will co-finance admitted projects that are directly developed with valid industrialists, up to 50% of the applied research project materials cost, and with a ceiling of \$2,000 for Graduating Projects and \$3,000 for Doctorate Projects paid at “Sayrafa” rate, as endorsed by IRALEB Board of Trustees. Detailed budget breakdown for the project must be provided within the application. Operating supplies, equipment items, prototyping expenses directly associated with the prototype are examples of eligible budget items. Grant budget will depend on the needs and the quality of the project and will be subject to review and re-evaluation by IRALEB. Furthermore, issuing of any reimbursements will be only after assessment of submitted official invoices and receipts, and is conditional on the execution and demonstration of the project functional prototype in the LIRA 16 Forum, expected to be held in November 2022.

Category

Engineering and Sciences Faculties are invited to select the best of engineering final year projects, and sciences masters projects, which reflect a strong potential for industrial application. The Faculty adopted projects will compete in an open forum and are evaluated by a specialized jury based on the disbursed assessment criteria. The top three projects of each field, listed below, are awarded cash prizes, and an additional prize is awarded to the supervising professor of the best project in each field:

- Mechanical and Mechatronics
- Electrical and Electronics
- Civil Engineering
- Information and Communication Technology
- Chemical and Pharmaceutical
- Agro-Food Industry
- Packing and Packaging
- Materials and Nanotechnology
- Other Industry Related Applications

This year we have openings for a new field: A.I., Gaming & E-learning. Applicants are encouraged to focus on the following sub-fields:

- Video gaming
- Virtual reality
- Artificial Intelligence
- Machine learning
- Simulators