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ADDIS ABABA INSTITUTE OF TECHNOLOGY
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ARCE

ACE II Eastern and Southern Africa
Higher Education Centers of Excellence Project

IUCEA **WORLD BANK GROUP**

Addis Ababa University
Addis Ababa Institute of Technology
African Railway Center of Excellence (ARCE)

PhD in Railway
Engineering & Management and MSc in Railway
Engineering
Scholarship Announcement 2022/23 AY

Application Deadline: 21st of October 2022

Objectives of the Program

African Railway Center of Excellence (ARCE) is one of the African Center of Excellence II projects supported by the World Bank (WB). Through this support from the WB, the center aspires to become sustainable regional hub for training and research in Railway Engineering and Management, capable of leading efforts to address priority development challenges and improve lives in South and Eastern Africa. The aim of the center is to strengthen railway professionals' development through short-term training, MSc and PhD level education, and research in Ethiopia and the region at large.

To this effect, ARCE is offering scholarships to citizens in African countries to pursue PhD studies in Railway Engineering and Management in *"Civil Infrastructure Engineering"*, *"Rolling Stock Engineering"* & *"Traction & Train Control Engineering"* and MSc studies in Railway Engineering specializing in *"Civil Infrastructure"*, *"Rolling Stock"* and *"Traction and Train Control"* for the 2022/23 Academic year.

Eligible Applicants

Applicants have to:-

1. Be Citizens of African countries
2. Applicants should have Bachelor's degree for MSc applicants and Bachelor's and Master's degree for PhD applicants.
3. The applicant should write a personal statement/motivation letter describing the candidate`s interest to join the program.
4. The applicant should have at least one letter of recommendation of advisors/ supervisors from previous educational institutions.
5. The applicant should write a proposal a maximum of 10 pages (for PhD applicants only)
6. All regional applicants shall submit a certificate that states English language is a media of instruction in your previous degree issued university.
7. PhD applicants shall not be more than **35** years old.

Female candidates and candidates from underprivileged regions or groups as well as candidates with disabilities are especially encouraged to apply.

Eligible Fields

- **For PhD in Railway Engineering and Management (Civil Infrastructure Engineering)**

MSC Graduate of Railway civil infrastructure Engineering or Civil Engineering

- **For PhD in Railway Engineering and Management (Rolling Stock Engineering)**

MSC Graduate of Railway Rolling Stock Engineering or Mechanical Engineering

- **For PhD in Railway Engineering and Management (Traction & Train Control Engineering)**

MSC Graduate of Railway Traction and Train control Engineering or Electrical Engineering.

- **For MSc in Railway Engineering (Civil Infrastructure)**

Applications may come from engineering subject areas with strong relevance in Civil Engineering or potentially related fields with Railway Engineering.

- **For MSc in Railway Engineering (Rolling Stock)**

Applications may come from engineering subject areas with strong relevance in Mechanical Engineering including Mechanical Design, Industrial Engineering, and Thermal Engineering, Electro Mechanical Engineering or potentially related fields with Railway Engineering.

- **For MSc in Railway Engineering (Traction and Train Control)**

Applications may come from engineering subject areas with strong relevance in Electrical Engineering including Electronic Communication Engineering, Power Engineering, Industrial Control Engineering, Electrical & Computer Engineering, and Microelectronics Engineering or potentially related fields with Railway Engineering.

Place of Study

Addis Ababa University (AAU), Addis Ababa Institute of Technology (AAiT), African Railway Center of Excellence (ARCE), Addis Ababa, Ethiopia

Duration and Commencement

Study period for PhD candidates 4 years and Masters Students is 2 years only. The scholarship will be initially granted for one semester and may be extended for those who completed the first semester successfully.

Application Procedure

The applicants should submit their document in a single PDF file through the application form link. The application file name must be **[Applicant_First_Name_Field of Study_Program.Pdf]** for example Jhon_Rollingstock_MSc.pdf and application only be complete if the following documents are submitted.

1. Fill *ARCE's 2022/23 Scholarship using the following link*
   https://ee.kobotoolbox.org/single/SNkx98HG

2. Signed curriculum vitae scanned in PDF; please use the Europass CV template (http://europass.cedefop.europa.eu)
3. Scanned copies of all **University Degree certificates**
4. Scanned copies of all **University Transcripts**
5. Letter of motivation (**Maximum 2 pages**)
6. Academic reference from senior lecturer and proof of employment if applicable (scanned copy)

7. English language certificate for regional applicants
8. Proposal (for PhD program only)
9. All the documents listed above should be scanned in a single PDF document.
10. Separately submitted documents will be considered as incomplete application.

Scholarship Type (for MSc applicants)

- **Type A. Full Scholarship only for regional Applicants:** Covers monthly stipend (USD 600 for MSc students for two academic years only), tuition fee, health insurance and transportation cost.
- **Type B. Half Scholarship only for national competent Female Applicants:** Covers monthly stipend USD 200 for MSc for two academic years only) and tuition fee.
- **Type C.** Covers tuition fee only.
- **Type D. Self-Sponsored Students:** Students should cover all the expenses.
- **Authentication fee, Registration fee, Application fee, resident permit fee and local transportation should be covered by selected candidates.**
- **Stipend payment will be effective only after applicant has been admitted by Addis Ababa University.**
- _Note_: Type "D" scholarship could be awarded for those of candidates have a sponsor from their employer (governmental or non-governmental institutions). ARCE will facilitate the partnership agreement with the sponsor, and the student shall submit the sponsorship letter and agreement during application.

Scholarship Type (for PhD applicants)

- **Type A. Full Scholarship only for regional Applicants:** Covers monthly stipend (USD 600 for PhD students for three years only), tuition fee, health insurance and transportation cost.
- **Type B. Half Scholarship only for national competent Female Applicants:** Covers monthly stipend USD 200 for PhD for three years only) and tuition fee.
- **Type C.** Covers tuition fee only.
- **Type D. Self-Sponsored Students:** Students should cover all the expenses.
- **Authentication fee, Registration fee, Application fee, resident permit fee and local transportation should be covered by selected candidates.**
- **Stipend payment will be effective only after applicant has been admitted by Addis Ababa University.**
- _Note_: Type "D" scholarship could be awarded for those of candidates have a sponsor from their employer (governmental or non-governmental institutions). ARCE will facilitate the partnership agreement with the sponsor, and the student shall submit the sponsorship letter and agreement during application.

Application Schedule

No.	Activities	Deadline
1.	Deadline of Application	21-October-2022
2.	Announcement for short listed candidates	24 to 25-October-2022
3.	National Students GAT Exam	29 to 31-October-2022
4.	Regional Applicants Online Platform Interview or exam (Optional)	29 to 31-October-2022
5.	Final selected candidates announcement	1 to 5-November-2022
6.	Registration at Addis Ababa University (for selected candidates) – applicants should fulfill additional requirements expected by university registrar which includes official transcripts, authenticated documents for regional students and cost sharing clearance certificate for national students)	TBA
7.	Class begins	21 November 2022

Contact

African Railway Center of Excellence
Addis Ababa University, Addis Ababa Institute of Technology (AAiT)
Samsung Building first floor, N-135
Office hours:
      Morning 8:30 to 12:00 AM
      Afternoon 1:30 to 5:30 PM EAT Monday to Friday
Tel: +251 111 2612 94
Website: http://areri.aau.edu.et
Email:- arce@aait.edu.et