



South African Radio Astronomy Observatory

Application Guide for SARAO Freestanding Doctoral Scholarships for 2027

READ THE ENTIRE GUIDE BEFORE APPLYING FOR A SARAO FREESTANDING DOCTORAL SCHOLARSHIP

1. Eligibility for SARAO Freestanding Doctoral Scholarships for the 2027 Academic Year

1.1. Eligibility: Nationality

SARAO will only consider applications from:

- South African citizens and permanent residents.
- Citizens of Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia, and Zambia.

1.2. Eligibility: Master's Degree

SARAO will only consider applications from:

- Students who completed or graduated from a Master's degree since 2025, where the research work is directly relevant to the approved research project selected for their Doctoral degree (see Section 2);
- Students who are currently in the final year of a Master's degree, where the research work is relevant to the approved research project selected for their Doctoral degree (see Section 2).

1.3. Eligibility: Minimum Academic Requirements

SARAO will consider applications from students who achieved a minimum of 65% for a relevant Master's degree.

Note:

- For students currently pursuing a relevant Master's degree, applications will be evaluated based on their Honours degree results, or on their BEng degree results. Only those with a minimum average of 65% in these results will be considered for a scholarship.
- If a student currently pursuing a relevant Master's degree is offered a SARAO Doctoral scholarship based on their Honours or BEng results, but fails to achieve a minimum of 65% upon completion of their Master's degree, the scholarship offer will be revoked.

2. Projects for Doctoral Research for the 2027 Academic Year – For Freestanding Doctoral Scholarships

- 2.1. SARAO will ONLY consider applications from students who have selected a research project that has been approved by SARAO for Doctoral research in 2027, and who upload a signed letter from the relevant supervisor stating that he/she will supervise the student.
- 2.2. All projects approved by SARAO for postgraduate research for 2027, as well as the contact details of the relevant supervisors, are available at: <https://www.sarao.ac.za/researchandstudy/doctoral-scholarships/>
- 2.3. Prior to submitting an application for a SARAO freestanding Doctoral scholarship, you must review the list of approved Doctoral research projects for 2027, and identify a project you wish to pursue for your Doctoral degree.
- 2.4. Once you have identified a project, you must then contact the supervisor of the project to discuss the project, and determine if you have the required qualifications, skills and abilities to undertake the project.
- 2.5. If the supervisor of the approved project agrees to supervise you for your Doctoral degree, the supervisor must provide you with a signed letter, on a university letterhead, stating that he/she has agreed to supervise you for the relevant project. You MUST upload a copy of this letter with your application, as an attachment. [SARAO will NOT consider an application if there is no supervision-agreement letter – See Section 3.](#)
- 2.6. You must use the details of the research project, as provided on the SARAO website, to complete the “Research Project Information Section” of the application form.
- 2.7. If you are awarded a SARAO freestanding Doctoral scholarship, you will have to register at the university where the supervisor of the research project is based, and undertake your degree at that university.

Note: Supervisors are under no obligation to agree to supervise a student

3. Supporting Documents to be Attached to your Application Form

You MUST upload **ALL FIVE** documents listed below, in the **Attachments Section** of the application form.

IF ANY OF THESE DOCUMENTS ARE NOT ATTACHED, SARAQ WILL NOT CONSIDER YOUR APPLICATION!!!!

Document	Details
1. Identity Document or Passport	<ul style="list-style-type: none"> - For South African citizens and permanent residents: A copy of your South African ID - For non-South Africans: A copy of your passport
2. University Results	<ul style="list-style-type: none"> - All your university academic results, from the start of your university career, up to and including your latest results. - Please attached all your results as ONE single PDF Document
3. An up-to-date Curriculum Vitae	
4. Supervisor-agreement letter	<ul style="list-style-type: none"> - The supervisor of the project you have selected must provide you with a signed letter, on a university letterhead, stating that he/she has agreed to supervise you for the relevant project. - The letter of agreement from the relevant supervisor is essential. - If no letter is attached to your application, your application will be REJECTED.
5. Letter of Motivation	<ul style="list-style-type: none"> - The motivation is CRITICAL to the review of your application. Take time to draft an excellent and authentic motivation! - If you submit an AI generated letter, your application will be REJECTED. - You must provide a letter of about 1000 words motivating why you should be awarded a SARAQ Doctoral Scholarship. In this letter you should include the following: <ul style="list-style-type: none"> - Your academic progress from undergraduate to postgraduate level. - Details of your academic, and other achievements. - A brief overview of your Master’s research work. - How your Master’s research work links to the research proposed for your Doctoral degree, and how your Doctoral research will contribute to the science or engineering of the MeerKAT radio telescope and/or the SKA radio telescope. - Your personal strengths, passions and career aspirations.

4. !! Letters of Reference!!

Your application must be supported by **AT LEAST TWO** letters of reference. The letters of reference must be **from university academic/research staff, one of whom must be your Master's supervisor**. Letters of reference must be submitted to study.research@sarao.ac.za before 15 July 2026. Please ask the referees to consider the following questions when drafting their letters:

- How would you rate the student's Master's degree performance relative to their peers? (e.g. top half of their group, top 25%, top 10% etc.)
- How would you rate the student's work ethic / dedication to their studies?
- How would you rate the student's ability to do their research independently?
- To what extent do you think the candidate's Master's degree has prepared them for the proposed PhD topic?
- How would rate the candidate's experience or competency in performing research tasks as required of a PhD degree in their proposed field?
- Has the candidate participated in any research projects relevant to their proposed PhD topic?
- Has the candidate produced any peer-reviewed publications (conference papers, journal papers published, journal papers in preparation) as a result of their Master's degree studies?
- How would you rate the candidate's ability to identify a research gap and extrapolate new ideas / knowledge / findings from incomplete existing knowledge?

5. How to apply for a SARAO Freestanding Doctoral Scholarship for the 2026 Academic Year

- 5.1. Application forms are accessible online at <https://nrfconnect.nrf.ac.za>
- 5.2. **Select the "SARAO Doctoral" option.**
- 5.3. Students may only submit ONE application.
- 5.4. Students **MUST** upload all five required documents (see Section 3), in the Attachments Section of the application form. **IF ANY OF THESE DOCUMENTS ARE NOT ATTACHED TO YOUR APPLICATION, SARAO WILL NOT CONSIDER YOUR APPLICATION.**
- 5.5. Your application must be supported by at least two letters of reference (see Section 4). **IF YOUR APPLICATION IS NOT SUPPORTED BY TWO LETTERS OF REFERENCE, SARAO WILL NOT CONSIDER YOUR APPLICATION. IT IS YOUR RESPONSIBILITY TO ENSURE YOUR REFEREES HAVE SUBMITTED LETTERS OF REFERENCE TO SARAO.**
- 5.6. Once you submit your application, it will automatically be routed to the institution where you are applying to study. **In order for your application to be considered for 2027 funding, you must submit your application on or before the cut-off date. It is YOUR responsibility to check the application closing date with the university's Research or Postgraduate office.**

6. Structure and Funding Levels for SARAO Freestanding Doctoral Scholarships for the 2027 Academic Year

	Value
I. Scholarship	R210,000
II. International Student Fee	Paid in full
III. Travel Grant	R55,000
IV. Equipment Grant	R35,000
V. Home Travel Grant	Cost of one return ticket, with one change permitted, per year
VI. Repatriation Fee	Paid in full, if required
VII. Emergency Medical Insurance	Paid in full
VIII. Assistive Technology Device	R20,000

- I. Maximum duration of a SARAO Freestanding Doctoral Scholarship is three years
- II. SARAO will pay the international student fee due to the university, for students from Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia and Zambia.
- III. Travel grants are awarded annually, for the duration of the scholarship. The student must use the travel grant for travel related to his/her research.
- IV. The equipment grant is a total amount available for the full duration of the scholarship (i.e. this is not an annual amount). The equipment grant is available to the student to support the purchase of equipment required for his/her research.
- V. SARAO will organise and pay for one return ticket, per year, for students from Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia and Zambia, to travel to South Africa.
- VI. SARAO will pay the repatriation fee, if required, for students from Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia and Zambia.
- VII. SARAO will pay the cost of emergency medical insurance for students from Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia and Zambia.
- VIII. Students living with a disability may apply for a grant of up to R20 000. This is the maximum amount allowed during the tenure of the scholarship. An assistive device is defined as any device, product, equipment or tool that is designed or adapted to enable persons with disabilities to participate in activities, tasks or actions including: (i) mobility aids such as wheelchairs, prostheses and crutches as well as service animals (ii) communication aids such as hearing aids, Frequency Modulation (FM) systems; (iii) sensory aids such as white canes; noise reducing headphones and coloured lenses (iv) technology aids such as computers for alternate and augmentative communication, screen readers, magnifiers, texts in audio format (Strategic Policy Framework on Disability for the PSET, 2022).

7. Enquiries regarding SARAO Freestanding Doctoral Scholarship Applications

Contact: study.research@sarao.ac.za