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**DSI-CSIR Inter-bursary Support Programme**

**BURSARY APPLICATION FORM**

**MASTER’S OR DOCTORAL LEVEL**

**For 2020 Year of Study**

NB: This Application Form must be completed by NEW Master’s and Doctoral students only. Students who are currently recipients of this bursary at Honours level who wish to receive the bursary again for Master’s studies next year, should also complete this form. Students who are currently recipients of this bursary at Master’s and Doctoral level do not need to complete this form. They will be sent an Annual Progress Report Template to complete, if they need continuation funding.

Please read the eligibility guidelines before proceeding with the application (see DSI-CSIR Inter-bursary Eligibility Guidelines document). Only fully completed application forms will be considered. Please type in the information **(no handwritten submissions will be considered).**

All applications must be accompanied by the following documents:

* Proof of South African Identity Document (ID) or Passport and Permanent Residency (for international students).
* Official and certified university degree certificates.
* Transcript of academic record indicating a minimum accumulative academic achievement in the previous degree.
* Recommendation by Supervisor (compulsory for Master’s and Doctoral applicants).
* Admission letter indicating full-time registration (if available). This will be required if the application is successful.
* Reference letters (if available). These will be required if the application is successful.

**Please note the following**: All required documents must be attached as **one PDF file** in the following order: ID or Passport, proof of permanent residence and university employment letter (if applicable), certified university degree certificates and transcripts and letter of admission (if available).

It is the responsibility of the student to find a suitable supervisor and ensure that the supervisor supports the application.

**Section A: Personal and Contact Information**

**Please complete the following section in full. Incomplete application form will not be considered.**

|  |  |
| --- | --- |
| **Student Name(s):** |  |
| **Surname:** |  |
| **Title:** |  |
| **Gender:** |  |
| **Race:** |  |
| **Nationality:** |  |
| **Student ID Number (RSA students) /**  **Student Passport No. (Non-RSA)** |  |
| **Telephone Number/Cellphone Number:** |  |
| **Alternative Telephone Number/Cellphone Number:** |  |
| **Email Address:** |  |
| **Alternative Email Address:** |  |
| **Home Address (include Province):** |  |
| **Indicate type of physical disability (if any)** |  |
| **Previous NSFAS recipient (Yes/No):**  **\*NB: This will not affect the outcome of your application. This is for record purposes.** |  |
| **Next of Kin (Name & Surname):** |  |
| **Next of Kin (Contact Numbers):** |  |
| **Institution:** |  |
| **Campus:** |  |
| **Level of Study Applying for:** |  |
| **Previous Qualification e.g. Hons Biochemistry** |  |
| **Qualification Applying for:** |  |
| **Student Number:** |  |
| **Department e.g. Environmental Science:** |  |

**Section B: Bursary Information**

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| **Bursary level which student is applying for:**  *(Please indicate your level of study)* | |
| MSc |  |
| PhD |  |

**Section C: Research Focus Area Information**

**NB: This section should be completed by Masters and PhD level applicants ONLY.**

|  |  |
| --- | --- |
| **Year of study being applied for (***is this 1st, 2nd or 3rd year that you are registering for your MSc/PhD?***):**  *(Please indicate your year of study below)* | |
| 1st |  |
| 2nd |  |
| 3rd |  |

**Select one thematic research focus area in the list provided (See *Eligibility Guidelines* document for more explanation) that your Masters or PhD studies are aligned with.**

**N.B Please indicate thematic research focus area from the following list:**

* Aerospace
* Composites
* Modelling and Digital Sciences: Information Security
* Microsystems Technology
* Titanium (Manufacturing Elements)
* Photonics
* Biotechnology
  + Biopharming
  + Bioprocessing
  + Biocatalysis
* Information and Communications Technology
* IKS (Indigenous Knowledge Systems)
* Health

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| **Thematic research focus area (**See *Eligibility Guidelines* document**):** |  |

**Select one Technology Stream or Research focus area of interest in the list provided (See *Eligibility Guidelines* document for more explanation) that your Masters or PhD studies are aligned with.**

**N.B Please indicate technology stream or research focus area of interest from the following list:**

* Aerospace
  + Aerostructures
  + Propulsion
  + Avionics
  + Sensors
  + Information Technology
* Composites (Lightweight Composites)
  + Transportation (including but not limited to general aviation, automotive and rail
  + Structural Applications (including but not limited to building and construction)
  + Marine Applications (including but not limited to boat building)
* Modelling and Digital Sciences
  + Biometrics (including but not limited to fingerprint, iris, facial and gait recognition)
  + Token-based authentication (including but not limited to smart card systems)
  + Cybersecurity
  + Data science
* Microsystems Technology
  + Microfluidics
  + MEMS
  + Printed functionality
  + Sensors
* Titanium (Manufacturing Elements)
  + Primary (Ti) Metal Production
  + Ti Powder Consolidation
  + High Speed Additive Manufacturing
  + Investment Casting
  + Hi Performance Machining
  + Friction Welding
  + Sheet Forming
* Photonics
  + Free-space and Fibre Optics
  + Optical tweezing
  + Biophotonics
  + Quantum optics
  + Laser research
  + Quantum control with photonic systems
  + Laser cooled atomic systems research
  + Laser welding
  + Free-space and fibre optical communication systems
* Biotechnology
  + Biopharming
  + Bioprocessing
  + Biocatalysis
* Information and Communications Technology
  + Information Systems
  + Computer Science
  + Information Technology
  + Electrical & Computer Engineering
  + Electronic Engineering
  + Information Systems Management
  + Statistics
  + Data Science
  + Mathematical Statistics
  + Applied Mathematics
  + Epidemiology and Biostatistics
* IKS (Indigenous Knowledge Systems) and
  + Bioeconomy (African traditional medicine, food security, health, technology, nutraceuticals and cosmeceuticals)
  + Climate Change (Environmental Management)
  + Technology Innovations
  + Energy (alternative and clean sources)
  + Indigenous farming practices
  + Engineering (Product and process development)
  + Ethnobotany and Ethnopharmacology
* Health
  + Pharmaceutical Sciences
  + Biomedical Sciences
  + Health Sciences (excluding Medicine, Dentistry and Veterinary Science)
    - Biochemistry
    - Pharmacology
    - Microbiology
  + Physiology
  + Pathology
  + Forensic medicine
  + Public health
  + Nutrition
  + Biokinetics, Recreation and Sport Science

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| **Technology Stream or Research focus areas of interest (**See *Eligibility Guidelines* document for some examples**)** |  |

**Section D: Project Information**

**Research Project Title:**

**Problem Identification:**

*(Brief description of the problem and research question(s) to be addressed):*

**\*Please note that the project research cannot be changed later on to the effect of it no longer being aligned to the thematic area.**

**Research Aims and Objectives:**

*(Briefly outline the main aim(s) of the proposed research and specify the research objectives to be achieved)*

**Expected Outputs, Outcomes and Impact:**

*(Outline of the expected direct and indirect outputs/outcomes/impact of the research on the advancement of scientific knowledge)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Motivation by Supervisor:** | | | |
|  | | | |
| Date |  | Title |  |
| Name(s) and Surname |  |
| Email Address |  |
| Office Number |  |
| Cellphone Number |  |
| Signature |  |

**Section E: Declaration by Applicant**

I herewith declare that to the best of my knowledge:

* I will adhere to the conditions of the grant as described in the letter of award if my application is successful.
* In terms of the Income Tax Act NO. 58 OF 1962 (Section 10(1)(q) and the Seventh Schedule to The Act), a bursary recipient is obliged to declare whether they are a relative with any employees of the CSIR (\*see definition of relative below). If you are related to any employee of the CSIR please provide the name of the employee(s) and how you are related to them in the space below:

*\*Relative in relation to any person, means the spouse of such person or anybody related to him or his spouse within the third degree of consanguinity, or any spouse of anybody so related, and for the purpose of determining the relationship between any child referred to in the definition of "child" in this section and any other person, such child shall be deemed to be related to its adoptive parent within the first degree of consanguinity.*

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| **Do you have a relative/relatives working at the CSIR? YES/NO** |  |
| **If YES, indicate the name and surname of that CSIR employee/employeeshere.** |  |
| **Signature of applicant:** |  |
| **Place:** |  |
| **Date:** |  |

**Please convert the application form to pdf, after completion DO NOT SCAN THE APPLICATION FORM. Submit the form with supporting documents by email to:** [**HCD-INTERBURSARY@csir.co.za**](mailto:HCD-INTERBURSARY@csir.co.za)

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