

FINAL CALL – REVISED DATES

2017 CALL FOR APPLICATIONS FOR ENGINEERING EDUCATION EXISTING STAFF CAPACITY ENHANCEMENT PROGRAMME: MASTERS PROGRAMME

The South African Technology Network in partnership with the Department of Higher Education and Training are pleased to announce the 2017 call for applications to its **Masters' proposal development and research support programme for Enhancing Staff Capacity in Faculties of Engineering at Universities in South Africa.**

In line with SATN's aim of building a critical mass of high level capacity in the various fields of study to ensure transformation and development in South Africa; a tailored Masters Programme for engineering sciences has been specifically designed to facilitate the timely completion of Masters Degrees in Engineering.

1. Eligibility:

- a. Applicants should be permanent academic staff at South African Universities.
- b. A candidate should be a national and resident of South Africa at the time of application and possess an Honours degree or equivalent in any discipline or field of study related to Engineering.
- c. Female candidates are especially encouraged to apply.

2. Restrictions:

- a. Applicants **MUST** provide a letter of institutional support to the application. This should also contain a statement of commitment from the institution confirming Institutional support for travel, accommodation and all additional meals to the conference programme

b. Support from SATN/DHET:

All candidates who meet the academic requirements and are admitted to the programme will be provided with a scholarship that will cover Conference Tuition i.e. course facilitation, materials and facilities, teas and lunches at the venue.

3. Overall objective(s):

- a. To support newly recruited academics to acquire a Master's Degrees in Engineering;
- b. To develop human capabilities and a critical mass of engineering sciences to ensure national and regional development and transformation and the goals of the SATN and DHET.

- c. To provide development opportunities for academic staff of faculties of engineering including the development of teaching, research and leadership and management expertise.
- d. Accelerate the completion of a Masters Qualification in the shortest period (2-3 years)
- e. Develop critical capacity to ensure a vibrant research and development system that meets the needs of Universities, Governments, Business and Industry and broadly for social reconstruction.
- f. Improve time to graduation and retention rates of Masters candidates to ensure sustainability of the academic enterprise and to enhance capacity for innovation and development solutions.
- g. To create a community of practice amongst Engineering Masters candidates
- h. To track the completion of the above through an online support programme and a writing module to ensure completion within the timelines agreed to (2-3 Years Research Masters)

4. **Application Procedure:**

All applications should be sent to the Programme Administrator, Ms Colleen Titus (colleen@satn.co.za)

For any queries regarding this programme please contact Prof Ahmed Wadee at 082 807 2628 or Ms Colleen Titus at Tel: 031 566 1752.

THERE IS NO APPLICATION FORM. APPLICANTS ARE REQUESTED TO SUBMIT THEIR DETAILS TOGETHER WITH RELEVANT INFORMATION AS SET OUT BELOW:

- a. Information relating to Personal Data, Project Description and Project Details will also be required.

Personal data:

- Name:
- Date of Birth:
- ID Number
- Current employment status:
- Institution at which Employed.
- Institution at which you are registered or will be registering for a Masters' degree.
- Contact Details

- b. **Motivation:**

Please submit a Motivation for acceptance into the programme (1 page). It is essential that the motivation and the career goals of the candidate are clearly enunciated.

- c. **Project Details:**

Under Project Details, a draft topic and proposal including a brief literature review, anticipated methodology and approaches to analysis must be included.

- d. **Review Process and Criteria:**

- The review of the applications takes approximately 2 weeks after the deadline date.
- Applications will be reviewed based on the following criteria:
 - *Relevance (the extent to which the proposed research aligns with the selected theme and addresses South African Context)*
 - *the extent to which the proposed activity suggests and explores creative and original approaches); and*

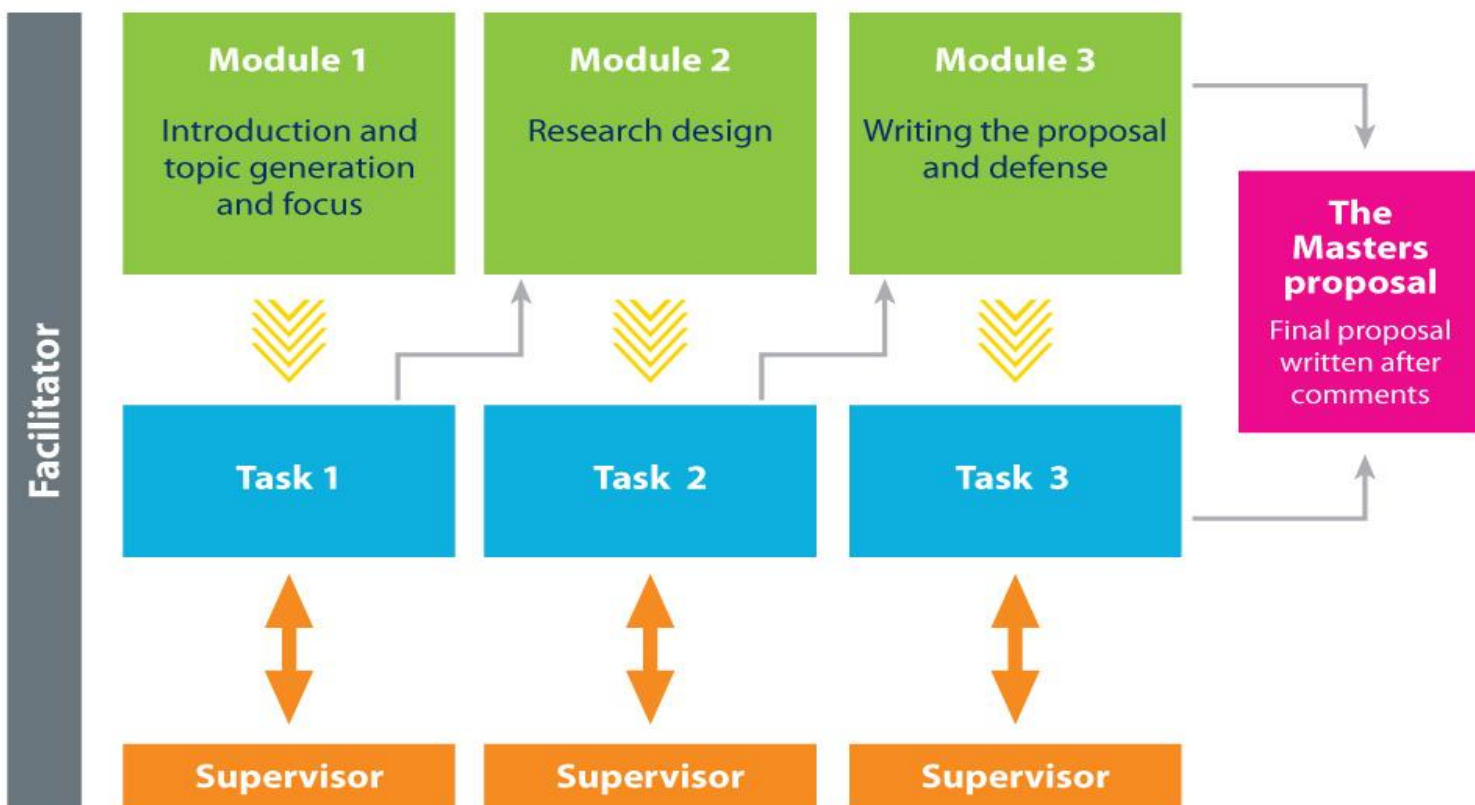
- *Feasibility (whether the project is feasible in terms of the proposed methodology,*
- Acceptance into the programme will be based on the strength of the application
- The deadline for submission of applications is **25 August 2017.**
- Applicants will be notified on the status of their applications two weeks after the expiration of the deadline
- The Programme comprises of 3 module. The proposed dates for modules are as follows:

11-15 September 2017 – Module 1 (Durban)

16 -20 October 2017 – Module 2 (JHB)

13 – 15 November 2017 – Module 3 (Durban)

GRAPHIC REPRESENTATION OF THE 3 MODULE MASTERS' PROGRAMME



The candidate's progress will be monitored by the SATN through to submission of their dissertation to the respective institutions.