CALL FOR RESEARCH CONCEPT PAPERS IN ENGINEERING AND RELATED FIELDS

The “AFRICA-ai-JAPAN” Project at JKUAT is a joint initiative involving JKUAT, PAUSTI and JICA. Since its launch in 2014, the project has made great strides towards strengthening innovation, research and training in the fields of agriculture, engineering, science and biotechnology. The aims of the project are to (i) promote indigenous knowledge and wisdom in driving African Innovations-ai (ii) strengthen the knowledge and skills of PAUSTI/JKUAT students to actualize their innovative ideas (iii) encourage innovation vitality in collaboration with industry across Africa. To realize the project objectives in the various fields, several teams have been set-up that include Innovation and Prototyping Integrated Centre (iPIC). iPIC is focused in the area of engineering and related fields.

Call: On behalf of the “AFRICA-ai-JAPAN” Project at JKUAT, iPIC is currently offering research funding opportunities in the areas of Engineering or related fields. Interested staff and postgraduate students of JKUAT/PAUSTI are kindly requested to submit a research concept paper aligned under iPIC, in the areas of Engineering or related fields falling under the thematic areas listed below. The research concept should be addressed to “iPIC team” through the address listed below, and should meet the basic requirements of research at university level i.e. demonstrate research significance in the area of engineering or related fields, viability, likely positive impacts to society, experience and recent publications of the Principal Researcher (where applicable), relation of concept to postgraduate programs at JKUAT & PAUSTI, budget, schedule, references, etc. It should be positioned strategically under ‘African Innovation Concepts’.

Details: Applicants are allowed to submit applications in only one of the following thematic areas. Submitting an application to more than one area or submitting an application without specifying the area will lead to automatic disqualification.

Thematic areas under “Engineering or related fields”:

1. Environmental and Infrastructure Challenges
2. Sustainable Transport Vehicles and Systems
3. Agricultural and Industrial Machinery, Process
Eligibility Criteria

1. Applicants must be staff members or Postgraduate students of JKUAT/PAUISTI.
2. Applicants must hold at least a Bachelor’s degree in the areas of Civil Engineering, Mechanical Engineering, Mechatronic Engineering, Agricultural Engineering, Biosystems Engineering, Electrical & Electronics Engineering, Geomatic Engineering or other related disciplines.
3. Applicants who are Postgraduate students of JKUAT/PAUISTI should apply through their supervisor(s) or potential supervisor(s). The supervisor(s) should clearly recommend the application.
4. Applicants who are young researchers, without PhD, should indicate the name of the senior researcher(s) who will supervise their work.
5. Applicants who have relevant PhD should include young researchers in their team.

In case of any questions regarding the above, applicants should contact the iPIC Management team at jicapausti@jkuat.ac.ke prior to submission of the application.

Application Process

All applications must be emailed on or before 11th May 2015 to jicapausti@jkuat.ac.ke with a copy to ipic@jkuat.ac.ke. The applications must be submitted in one PDF formatted document containing the following information (in addition to the above stated requirements):

1. Personal contact information including email address and mobile phone number.
2. A Curriculum Vitae of not more than two pages long that includes (i) research experience and recent publications of Principal Investigator in the case of senior researchers, or (ii) academic history, two referees/supervisors, and a short write up of motivation for young researchers.
3. A concept note of not more than four pages.

Only shortlisted candidates will be contacted by the 29th May 2015. Incomplete or late applications will not be considered.

Those who had applied earlier need not re-apply unless they want to revise their previous submission.

For more information on iPIC, please visit:
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