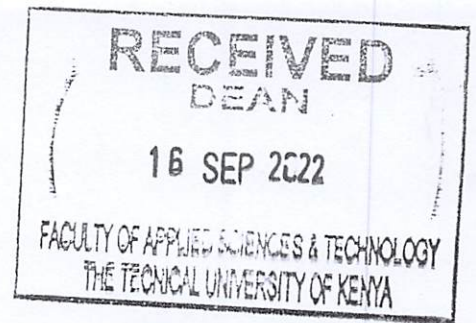
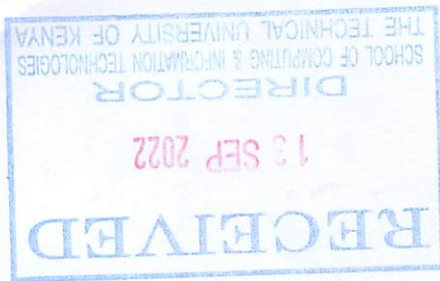


DIRSCT



THE TECHNICAL UNIVERSITY OF KENYA

Office of the Deputy Vice -Chancellor Research and Technology Development

HAILE SELASSIE AVENUE, P.O. BOX 52428, NAIROBI, 00200 TEL: 254 (020) 3343672, 2219929, 0732 388765

Email: alfredorina@tukenya.ac.ke Website: www.tukenya.ac.ke

INTERNAL MEMO

TO: Dean – F.A.S.T
Dean – F.S.S.T
Dean - F.E.B.E

FROM: Deputy Vice-Chancellor - Research & Technology Development

DATE: September, 16, 2022

OUR REF: TU-K/ADM/DVC-RTD/DEANS/2022/002

SUBJECT: SELECTION OF OUTSTANDING STUDENT INNOVATIONS FOR SUBMISSION TO KENIA

The Kenya National Innovation Agency (KENIA) runs the National Innovation Award (NIA) that seeks to identify and support innovative ideas with potential for commercialization from university/TVET college students.

As per the attached, detailed brief from KENIA, identify innovative ideas from students in respective faculties and forward them for submission to KENIA in the following thematic areas:

1. Food Security
2. Affordable Housing
3. Manufacturing
4. Affordable Healthcare

For ease of processing, select 1 outstanding innovation for each category and submit with appropriate details as per the submission attached (Ref page 3 innovation details).

Those selected by KENIA will be given awards to support the development of their innovations.

This is a great opportunity to drive the Innovation and Technology Development agenda as a Technical University.

Submit the details to the undersigned by 28th September, 2022.

Prof. Isaac A. Orina, PhD

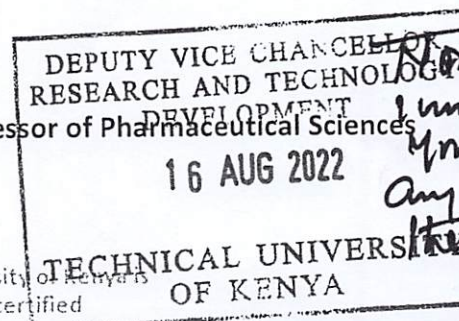
DVC – Research and Technology Development & Professor of Pharmaceutical Sciences

Cc Vice Chancellor

AOI/gbz



The Technical University of Kenya
ISO 9001:2015 certified



Copy to DVC-FAST
Forward to innovation from my school in any of the 4 thematic areas
16/09/2022

14 SEP 2022

VC TUK <vc@tukenya.ac.ke>

DEPUTY VICE CHANCELLOR
RESEARCH AND TECHNOLOGY
DEVELOPMENT

SUBJECT NATIONAL INNOVATION AWARD 2022 STUDENT ENTREPRENEUR CATEGORY

KeNIA CEO <ceo@innovationagency.go.ke>

Thu, Sep 8, 2022 at 3:44 PM

To: University of Nairobi <vc@uonbi.ac.ke>, Kenyatta University <vc@ku.ac.ke>, South Eastern Kenya Univ <vc@seku.ac.ke>, Pwani University <pwaniuniversity@gmail.com>, tmuc <tmuc@maseno.ac.ke>, Kisii University <vc@kisiuniversity.ac.ke>, Laikipia University <vc@laikipia.ac.ke>, Maasai Mara University <vc@mamarau.ac.ke>, Technical Univ Of Mombasa <vc@tum.ac.ke>, vc <vc@uoeld.ac.ke>, JOOUST <vc@jooust.ac.ke>, Dedan Kimathi Univ Of Tech <vc@dkut.ac.ke>, Chuka University <vc@chuka.ac.ke>, vc <vc@tukenya.ac.ke>, vc <vc@karatinauniversity.ac.ke>, Meru Univ Of Sc&Tech <vc@must.ac.ke>, University Of Kabianga <vc@kabianga.ac.ke>, Egerton University <vc@egerton.ac.ke>, Moi University <vcmoi2009@gmail.com>, vc <vc@mu.ac.ke>, JKUAT <vc@jkuat.ac.ke>, Maseno University <vc@maseno.ac.ke>, Kibabii University <vc@kibu.ac.ke>, Vice-Chancellor University of Embu <vc@embuni.ac.ke>, Taita Taveta University <vc@ttu.ac.ke>, Cooperative University of Kenya <vc@cuk.ac.ke>, Murang'a University of Technology <vc@mut.ac.ke>, Kirinyaga University <vc@kyu.ac.ke>, Machakos University <vc@mksu.ac.ke>, Rongo University <vc@rongovarsity.ac.ke>, Garissa Univ College <vc@gau.ac.ke>, Alupe University College <principal@auc.ac.ke>, info <info@gau.ac.ke>, Tom Mboya University College <principal@tmuc.ac.ke>, turkanauniversity <turkanauniversity@tuc.ac.ke>, Principal Bomet University College <principal@buc.ac.ke>, Principal Tharaka University College <tharakauniversitycollege@chuka.ac.ke>, principal <principal@ksu.ac.ke>, info <info@africainternational.edu>, enquiry <enquiry@amref.ac.ke>, "Dean.mcea" <Dean.mcea@aku.edu>, info <info@aau.ac.ke>, info <info@anu.ac.ke>, mr <mr@cuea.edu>, feedback <feedback@daystar.ac.ke>, info <info@gretsauuniversity.ac.ke>, registrar <registrar@hekima.ac.ke>, info <info@kenya.ilu.edu>, info <info@east.ac.ke>, info <info@kafuco.ac.ke>, info <info@kheu.ac.ke>, info <info@kwust.ac.ke>, vc <vc@kemu.ac.ke>, corporate <corporate@kca.ac.ke>, info <info@lukenyauniversity.ac.ke>, pro <pro@miuc.ac.ke>, info <info@ueab.ac.ke>, info <info@usiu.ac.ke>, info <info@tangaza.ac.ke>, vc <vc@spu.ac.ke>, info <info@seku.ac.ke>, info <info@strathmore.edu>, info <info@riarauniversity.ac.ke>, info <info@piu.ac.ke>, info <info@puea.ac.ke>, info <info@mua.ac.ke>, info <info@mku.ac.ke>

Cc: Gatama Gichini <g.gichini@innovationagency.go.ke>, Shelmith Okun <o.shelmith@innovationagency.go.ke>, "Reginald F. Odhiambo" <r.felix@innovationagency.go.ke>

To all Vice Chancellors,

RECEIVED

08 SEP 2022

VICE CHANCELLOR
THE TECHNICAL UNIVERSITY OF KENYA

The Kenya National Innovation Agency (KeNIA) is a State Corporation established under the Science, Technology and Innovation (STI) Act, No. 28 of 2013 under the Ministry of Education. The core mandate and functions of the Agency orbits around regulation, developing and managing of the National Innovation System.

KeNIA therefore works with partners for purposes of strengthening the interrelationships between actors within the National Innovation System (NIS) in order to promote innovations and enterprises development.

Among other programs and activities that focus on various actors within the NIS, KeNIA runs the National Innovation Award (NIA) Program. NIA program is designed to support extraordinarily ambitious innovative ideas that have a tremendous potential of being commercialized. Various innovators within the NIS have benefited through the program, since 2016 / 2017 financial year.

Prof. Omira: Please review and brief!
Ad 12.09.2022.

9/8/2022, 3:55 PM

2

The NIA, 2022 program will focus on innovations from students based at the Universities, National Polytechnics, Technical Training Institutes (TTIs) and Vocational Training Centres (VTCs).

The purpose of this letter is to request your institution to facilitate the process of nominating one outstanding students' innovation in each of the following four themes;

1. Food Security;
2. Affordable Housing;
3. Manufacturing; and
4. Affordable Healthcare.

Each institution is expected to nominate a maximum of four outstanding innovations.

The process of nominating the four outstanding innovations from the Institutions will be conducted through this link <https://nia.innovationagency.go.ke/> (see attached guidelines). The nominations to be coordinated and submitted by the respective innovation champions recognized by KeNIA and copied this letter.

Please note that the call for nominating the four outstanding innovations was opened on 5th September and will close on 5th October, 2022. Only shortlisted innovations will be contacted to prepare for the virtual pitching and evaluation during the month of October, 2022. Thereafter, further shortlisted applicants will be contacted to prepare for physical pitching, evaluation and awarding that will take place from 6th to 8th December, 2022 during the upcoming Kenya Innovation Week, 2022.

Yours sincerely,

Tonny Omwansa, PhD

Chief Executive Officer

ECLs

Copy All Innovation Champions

NIA 2022 Studentpreneur Edition User Guide

NIA 2022 is calling for submissions of student innovations from local universities and TVETs.

Each institution is expected to submit four innovations each from one of the four Big4 Agenda.

To successfully submit the innovations, follow the steps below.

INNOVATION DETAILS

1. Go to <https://nia.innovationagency.go.ke>
2. Click on the **Register** button OR go to <https://nia.innovationagency.go.ke/register> to register a user account with the following details;
 1. First Name, Last Name, Username, Official email address, Name of institution, Your position in the institution, Type of institution (University/TVET), County in which the institution is located, and Password
3. Click on **Create Account** to submit your details and access your user dashboard where you will be able to add the four innovations
4. On your user dashboard, click on the **Add Innovation** button to load a form for adding an innovation.
5. On the Add Innovation form fill in the following details
 1. **Student Team Details (in triplicate, for 3 team members)**
 1. First Name, Last Name, Student Registration Number, Student Email Address, Phone Number, Gender, Age Bracket, Role in the innovation Team
 2. **Student Innovation Details**
 1. Title of the innovation
 2. Brief description of the innovation

- What is the title of the Innovation?

1. Describe your innovation (less than 100 words)
2. Has the innovation been registered as a business?
 1. If yes, what is the date of registration?
3. Is the IP of your innovation protected?
 1. If yes, what type of IP? (Patent, Copyright, Trademark, Registrable IP, Know How, Design: Functional, Design: Aesthetic, Trade Secret)

- In what year did you start working on your innovation?
- What sector does your innovation address? (Affordable Housing, Affordable Healthcare, Food Security, Manufacturing)

1. What SDG does your innovation address?

1. Problem

1. What problem does the innovation seek to solve? (100 words or less)
2. Why is that problem important? (100 words or less)

- How does the innovation solve the problem? (100 words or less)

1. Traction and Market

1. Who is the target market? (in less than 50 words)
2. What are the **current** revenue streams for the innovation?


- What are the **potential** revenue streams for the innovation?

1. How much revenue has the innovation earned in the past one year? (KSh)

2. How much revenue do you project to earn in the next one year? (KSh)
3. Have you ever received a cash award/grant or raised commercial investment capital for this innovation before?
 1. If yes, describe the source, amount and year and upload evidence
- How do you anticipate to scale the innovation? (in less than 200 words)

1. Partnerships

1. Do you have any strategic partners on the innovation?
 1. If yes, please list them (Name of partner, role in innovation, website link)
2. Click on the **Add Innovation** button to save the data. The added innovation will appear on your dashboard.
3. Repeat **#4, #5** and **#6** for the remaining three innovations.

 To all Vice Chancellors - NIA - 2022 - students innovations.pdf
867K



Kenya National Innovation Agency

Ground Floor, NACOSTI Building
Off Waiyaki Way
P.O. Box 22269-00100
NAIROBI, KENYA

Tel: +254-0792 446976
Email: info@innovationagency.go.ke
ceo@innovationagency.go.ke

7th September, 2022

Ref No. KENIA/ 6/2 VOL II/ (103)

To all Vice Chancellors,

SUBJECT NATIONAL INNOVATION AWARD, 2022 STUDENTPRENEUR CATEGORY

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Yours sincerely,

Tonny Omwansa, PhD
Chief Executive Officer
ECLs

Copy All Innovation Champions

FOR

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4. On your user dashboard, click on the **Add Innovation** button to load a form for adding an innovation
5. On the Add Innovation form fill in the following details:

a. **Student Team Details (in triplicate, for 3 team members)**

- i. First Name, Last Name, Student Registration Number, Student Email Address, Phone Number, Gender, Age Bracket, Role in the innovation Team

b. **Student Innovation Details**

- i. Title of the innovation
- ii. Brief description of the innovation
- iii. What is the title of the Innovation?
- iv. Describe your innovation (less than 100 words)
- v. Has the innovation been registered as a business?
 1. If yes, what is the date of registration?
- vi. Is the IP of your innovation protected?
 1. If yes, what type of IP? (Patent, Copyright, Trademark, Registrable IP, Know How, Design, Functional, Design: Aesthetic, Trade Secret)
- vii. In what year did you start working on your innovation?
- viii. What sector does your innovation address? (Affordable Housing, Affordable Healthcare, Food Security, Manufacturing)
- ix. What SDG does your innovation address?

c. **Problem**

- i. What problem does the innovation seek to solve? (100 words or less)
- ii. Why is that problem important? (100 words or less)
- iii. How does the innovation solve the problem? (100 words or less)

d. **Traction and Market**

- i. Who is the target market? (in less than 50 words)
- ii. What are the **current** revenue streams for the innovation?
- iii. What are the **potential** revenue streams for the innovation?
- iv. How much revenue has the innovation earned in the past one year? (KSh)
- v. How much revenue do you project to earn in the next one year? (KSh)
- vi. Have you ever received a cash award/grant or raised commercial investment capital for this innovation before?
 1. If yes, describe the source, amount and year and upload evidence
- vii. How do you anticipate to scale the innovation? (in less than 200 words)

e. **Partnerships**

- i. Do you have any strategic partners on the innovation?
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6. Click on the **Add Innovation** button to save the data. The added innovation will appear on your dashboard.

7. Repeat #4, #5 and #6 for the remaining three innovations.