***Republic of Mauritius***

**

*Insert photo of CC*

*Name:* ***Shalini Mahadowa-Reechaye***

*Function: Country Coordinator (CC)*

*Organisation: Ministry of Education, Tertiary Education, Science and Technology*

*E-mail: smreechaye@govmu.org*

*Tel: 230 54913414*

*Skype:*

*Website: education.govmu.org*

*Name:* ***Hemant Goolab***

*Function: Assistant CC*

*Organisation: Ministry of Education, Tertiary Education, Science and Technology*

*E-mail: hemantg671@yahoo.com*  hehh

*Tel: 230 57741280*

*Skype:*

*Website: education.govmu.org*

Organization and Number of Staff: Ministry of Education, Tertiary Education, Science and Technology, some 60 staff involved, including Heads and Educators of participating schools

Funding by: Ministry of Education and Human Resource.

Cooperating Organizations/Individuals: Rajiv Gandhi Science Centre (RGSC), Mauritius Institute of Education (MIE), Educators and Heads of State Secondary Schools

GLOBE Schools: 30

GLOBE Protocol Areas: Clouds Observation, Mosquito Habitat and Land Coverage and Trees

Number of Schools Reporting Data over Past Year: 30

Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

* **Education:** Some GLOBE protocols (e.g., atmosphere, hydrology, soil, land cover) are in line with selected topics of lower secondary science curriculum. This alignment provide opportunity for a multi disciplinary approach in the teaching and learning of concepts in biology, chemistry, physics and maths. Thus, GLOBE protocols are being used to foster inquiry-based learning, and develop critical thinking and problem-solving skills amongst the students. GLOBE has been integrated into the objectives of the science club of many schools to encourage students' participation. In addition, a student-led environmental monitoring team to collect data on local ecosystems (e.g., weather, water quality, soil health) has been set up in many schools. Other activities, including school garden project and recycling programme among others, are also carried out in schools to promote environmental awareness and sustainability. These hands-on activities allow students to directly engage with real-world environmental issues, fostering a deeper understanding of ecological processes and the impact of human actions on the environment. Through these integrated approaches, GLOBE protocols and related environmental activities create a dynamic learning environment that nurtures curiosity, collaboration, and a commitment to addressing global challenges such as climate change, biodiversity loss, and pollution.
* **Science** The implementation of the GLOBE Programme promotes Science as it is an illustration of how theory learnt in class can be applied in real life. It helps to develop scientific skills through the various activities. GLOBE protocols are being used to collect high quality data to be shared with scientific communities via the Globe App and Websites. To ensure data reliability, accuracy and validity training has been organized amongst GLOBE teachers and a WhatsApp group has been established to share query and best practices. In addition, local people with strong scientific backgrounds have been embarked on the programme.
* **Community:** Data is being collected based on local relevance. For example, an awareness session on Dengue was organized by students participating in GLOBE Programme for students of nearby schools using the Mosquito Protocol. Data is being collected to solve local environmental problems to be showcased to the community during the annual science week and Science Quest competition organized by RGSC. Data collected and analysed are also being displayed during the science fair in academies and regional schools.

One representative from each of the four educational Zones has been included in the steering committee to monitor the projects being carried out in the context of GLOBE Programme and emphasis has been placed on community involvement.

* **Technology:** Students and Educators make use of the available tools- their mobile phones as well as the laptops and computers at school. No equipment has been provided for any participating schools to date. One school has applied for the YLACES grant.
* **Communications**: Communication strategies are being used to facilitate collaboration amongst teachers, students and the community at large. Various online platforms such as GLOBE’s website, forums, and social media channels are used to share updates, success stories, and resources. GLOBE data is being used to engage students in meaningful dialogue in class about environmental science. Morning assembly, science fair and community events are used to motivate students to present their findings.

**Plans and Ideas for Next Year:**

* Training will be organized for GLOBE Educators in collaboration with the Rajiv Gandhi Science Centre
* A photography/video competition will be organized for GLOBE Schools
* Students will be promoting GLOBE Programme in their respective schools and at national level in the Science Quest Competition organized by the Rajiv Gandhi Science Centre
* Schools will be encouraged to apply for YLACES grant and to participate in GLOBE activities such as Vlogger and IVSS.
* Collaboration with other GLOBE Countries will be encouraged.