

# **GOING GREEN AND DIGITAL: TVET FOR HOSPITALITY AND TOURISM**

RIFT VALLEY TECHNICAL TRAINING INSTITUTE PRESENTATION BY

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# GREENING

- UNESCO defines greening as the process of pursuing knowledge and practices with the intention of becoming more environmentally friendly, enhancing decision-making and lifestyle in more ecologically responsible manner, that can lead to environmental protection and sustainability of natural resources for current and future generations
- Greening not only includes energy, water and waste management but also human resource policies to instill institutional culture of sustainability

# BENEFITS OF GREENING

- Reduced consumption of energy and raw materials
- Reduced greenhouse gas emissions
- Minimal waste and pollution
- Protected and restored ecosystems and environmental services
- Enhanced profitability of enterprise

# RVTTI Interventions: Energy Conservation

- Installation of solar street lights
- Motion sensors used to control security lights
- Reminder notices to switch off lights when not needed
- Bright colored curtains in offices
- All lighting systems are LEDs
- Installation of solar water heaters in all kitchens and laboratories

# Reducing greenhouse gas emissions

- Installation of biogas system in the labs and kitchens
- Use of LPG over wood fuel has eliminated the need to cut down trees – natural sinks for green house gas emissions
- A short course on solar PV installation and management is offered to all interested parties irrespective of the area of specialization.

# Minimal waste and pollution

- Paperless transactions – emails, online fee statements, online student clearance, hostel bookings etc
- Online learning and training - No need for classrooms ,there is no negative impact on the environment:e-learning is paperless and therefore no need to cut trees to make paper.
- Rain water harvesting progressively being implemented
- Push taps have been installed to reduce running taps wastage

# Protected and restored ecosystems and environmental services

- Tree planting and green spaces
- Students participation in tree planting activities in forests in the region
- Students clubs volunteer to clean the institution every evening as a culture

# Entrepreneurial skills inculcation

- Entrepreneurship is a mandatory subject in training programs – Business plan/Projects are developed
- Best project/plan is identified and trainee given free space within the institution's student centre to incubate the idea for one year.
- MOU with industry has enabled trainees to obtain attachment, internship and employment opportunities
- Staff area attached in industry to gain market/industry experience to be able to guide trainees appropriately



# The marginalised and the needy

- Trainees from needy backgrounds and the marginalized areas are given priority for support to complete their training. Government loans, bursaries and scholarships provide much needed support to this group.
- This together with accommodation facilities have ensured a higher completion rate.

Finally

**A true conservationist is a man who knows that the world is not given by his fathers, but borrowed from his children.**

**— John Madison.**

THANK YOU

