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LABORATORY TECHNICIANS TRAINING

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WHY SCIENCE LABORATORY

- To understand principles and laws of science as they operate in nature
- To develop psychomotor skills
- To develop processes of science
- To experience practical aspects of science
- To gain experience in scientific enquiry



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WHY LABORATORY TECHNICIANS-1

- To support science teachers in teaching science
- To support students in carrying out experimental work
- To maintain science equipments and upkeep of laboratory
- To provide a safe working environment in the laboratory



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WHY LABORATORY TECHNICIANS-2

- Stock taking and maintaining inventory
- Maintain Laboratory Security
- Procurement of supplies and record keeping
- Maintaining Accounts



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WHY TRAINED LAB TECHNICIANS-1

- **Trained technicians can save teachers' time.**
- **Maintain laboratory equipment to increase its life.**
- **Can detect safety hazards and take precautionary measures.**
- **To meet emergencies**



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WHY TRAINED LAB TECHNICIANS-2

- **Advance preparation for practical work enabling students and teachers to devote more time with the practical work.**
- **Can dispose laboratory wastes properly without harming the environment.**
- **Support students in solving their problems.**
- **Support teachers in designing laboratory experiments**



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TRAINING LAB TECHNICIANS- ISSUES AND CONCERNS-1

- Training Needs
- Content of the training
- Duration of the training
- Format of training (Distance/face-to-face)
- Training existing technicians and future technicians



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TRAINING LAB TECHNICIANS- ISSUES AND CONCERNS-2

- Motivation for training
- Who pays for the training
- Training in all three branches of science Vs Specialized training
- Assessment of the training



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END

THANK YOU