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LABORATORY TECHNICIANS TRAINING

Dr Ved Goel

Indira Gandhi National Open
University, New Delhi, India



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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