About the College
Lady Doak College is the first women’s college in Madurai, founded in 1948 by Ms. Katie Wilcox, an American Missionary with a vision and favour for women’s empowerment. In addition to its many achievements, Lady Doak College has been awarded the status of ‘College with Potential for Excellence’ by the UGC. Lady Doak College has been reaccredited with an ‘A’ grade by NAAC. The college currently offers 26 undergraduate, 15 post graduate, 9 M.Phil, 2 Diploma, 3 PG Diploma courses. There are 6 Research Centers. Empowerment and encyclopaedic development of women has been the unique culture of LDC, with integrity, ingenuity, fellowship and harmony as its hallmarks

About the Department
The Department of Botany, which was started in 1952, offers an undergraduate course in Botany, M.Sc. Microbiology, M.Phil Microbiology and is recognized as a Research Centre in Botany and Microbiology. The Department has collaborations with industries and research institutions for summer placement and training. The Department of Life Sciences and Physical Sciences has been recognized as a DST-FIST sponsored department. Under Star College Scheme of DBT, the department has received financial assistance for strengthening of Life Sciences & Biotechnology education. The faculty of the department has received minor and major research grants from various funding agencies such as UGC, DBT, DST, CSIR, MoEF, DST-TNSCST

Patron
Dr. A. Mercy Pushpalatha Dr. Sanjay V. Deshmukh
Principal & Secretary, Vice Chancellor, Lady Doak College, Madurai University of Mumbai.

Convenor
Dr. Mary Esther Rani, Associate Prof. & Head, Department of Botany & Microbiology, Lady Doak College, Madurai

Organizing Secretaries
Dr. S. Srisudha
Mrs. G. Priscilla Sweetlin

Members
Dr. Manorama Dhanaseeli
Dr. Rachel Regi Daniel
Dr. K. Deivanai
Mrs. D. Joy Marjorie Annal
Mrs. A.P. Asha Kannan

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NATIONAL WORKSHOP ON
‘MAINTENANCE AND OPERATION OF BASIC LABORATORY EQUIPMENTS’
15th to 19th February 2016
Sponsored by
UGC – Autonomy Grant
Organized by
Department of Botany & Microbiology
in collaboration with
Western Regional Instrumentation Centre (WRIC), MUMBAI.
(A National facility of UGC)
Inaugural and Valedictory Venue
MULTIMEDIA THEATRE – I
Workshop Venue
BOTANY LAB
Dear Sir/ Madam,

Lady Doak College, Madurai, in association with UGC’S Western Regional Instrumentation Centre, Mumbai, is organizing a five days National Workshop on ‘Maintenance and Operation of Basic Laboratory Equipments’ from 15th to 19th February 2016. The keen motivation behind organizing this programme has been the fact that most of the faculty and technicians in colleges are not trained adequately on the repair / maintenance of equipments. Many laboratories have a large number of equipments abandoned due to very minor defects. The money that is spent for the repair and maintenance of these equipments is very large. Repairing cannot be performed in time leading to several difficulties in the smooth functioning of laboratories.

SCOPE:
This workshop has been specifically designed for technical and scientific staff of science departments of university and all university colleges. This programme aims at imparting skills in operation, maintenance and repairs of basic laboratory instruments commonly used in science laboratories.

- Participants can bring their basic instruments, which are on repair to the workshop venue.

Programme Objectives:
- Introduction to the basics of electric and electronic equipments and components.
- Awareness and requirement of general repair and maintenance of laboratory Instruments
- Repairing of electrical instruments like, hot plate, heating mantle, magnetic stirrer and water bath.
- Working, proper handling and repairing of temperature controlled oven, incubator and water bath.
- Working principle, repairing, maintenance and calibration of pH meter, pH electrode, colorimeters, flame photometer, spectrophotometer, spectrofluorimeter, and conductivity meter.
- Operation, repairing and maintenance of Optical microscope and electronic balance.

Prerequisites:
- As the number of participants is limited to 25, we request you to register for the National Workshop at the earliest.
- Permanent young faculty and Lab Assistants having a keen interest in learning.
- Lab assistants should be able to understand the communication in English.

Maximum number of participants: 25

Registration Fees:
Participants are requested to submit their registration form along with a bank draft drawn in favour of “The Treasurer, KWIA, Madurai”
Lab Assistants/Lab Technicians - Rs.500/-
Faculty - Rs 800/-
We invite a maximum of one faculty member and one Lab Assistant per department from Life Sciences and Physical Sciences to attend the Workshop. The duly filled in registration form can be sent by e-mail or post on or before 10.12.2015

Accommodation:
Lady Doak College guest house Rs. 500/- per day (on sharing basis - Two persons per room)
Individual room - Rs. 700/-/day.

Resource Persons
WRIC
1. Dr.B.L.Jadhav
   Director,
   WRIC, Mumbai University, Mumbai
2. Mr.M.M.Rao
   Technical Officer – I,
   WRIC, Mumbai University, Mumbai
3. Mr.K.K.Mahajan,
   Technical Offer – II,
   WRIC, Mumbai University, Mumbai
4. Mrs.Sumithra Badra,
   Technician,
   WRIC, Mumbai University, Mumbai
5. Mr.Milind Shitruk,
   Technician,
   WRIC, Mumbai University, Mumbai.

Inaugural Address Speaker
Dr.S. Muthusubramanian,
Professor and Head,
School of Chemistry,
Madurai Kamaraj University,
Madurai.

Valedictory Address Speaker
Dr. S.S.Bhattacharya
Head, Sophisticated Analytical Instrumentation Facility,
Professor, Department of Metallurgical and Materials Engineering,
Indian Institute of Technology, Chennai.

Participants can bring their basic instruments, which are on repair to the workshop venue.