

# SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN

(Autonomous)

Accredited at 'A' Grade by NAAC

An ISO Certified Institution

Udumalpet

## DEPARTMENT OF CHEMISTRY

### Report on Hands on training funded under DBT Star College Scheme

**Date** : 18.12.2017

**Resource person** : **Dr.S.Murugan**  
Associate Professor(Retired)  
Dept. of Chemistry  
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**No. of Beneficiaries** : II B.Sc. Chemistry Students (52) and Staff members (7)

**Topic** : Microscale Experiments in Chemistry

#### About the Hands on Training:

#### MICROSCALE EXPERIMENTS IN CHEMISTRY

The rising cost of chemicals and decreased flow of funds are causing great concerns to the chemistry teachers. A tug - of - war had also been going on in recent years, to balance the budget of running practical courses and the standards of experiments to be carried out by the students. Since the economy is always the winner, the number of experiments had been the losers. A group of scientists from University of Pune and Fergusson College, Pune are striving hard to maintain the standards of experiments at a friendly budget i.e., by carrying out the organic reactions in capillaries / tiles, using semimicro test tubes for heating experiments (instead of the conventional test tubes) and adopting to microscale preparations. Their attempts serve many purposes.

(i) cuts down the cost of chemicals.

(ii) experiments have become environment friendly.

(iii) less time consuming

(iv) less hazardous to the teachers, students and lab assistants. Hence it becomes affordable.

