



BLDE Association's
S.B. Arts and K.C.P. Science
College, Vijayapur.
(Re-Accredited by NAAC at 'A' Level in 3rd Cycle)

ONE DAY WORKSHOP

ON

"MICROSCALE EXPERIMENTS IN CHEMISTRY"

7th APRIL-2017

Organized By:

Department of Chemistry

BLDE Association

S.B. Arts and K.C.P. Science College, Vijayapur.

Contact:

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"No Registration Fee"

B.L.D.E. Association's

S.B. Arts & K.C.P Science College, Vijayapur

Date:01/04/2017

NOTICE

Department of Chemistry

The department of chemistry is organizing and one day workshop on "MICROSCALE EXPERIMENTS IN CHEMISTRY" . On 07/04/2017 at 10:00 am. All the staff members and students are cordially invited to attend the Workshop.

"No Registration Fee"



Head
Dept. of Chemistry
SB Arts & KCP Sc. College
Vijayapur.



IQAC, Co-ordina.
S.B.Arts & K.C.P.Science College,
Vijayapur.



Principal,
S.B. Arts & K.C.P. So. College
Bijapur.

MICROSCALE EXPERIMENTS IN CHEMISTRY

INTRODUCTION:

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. What more it becomes affordable.

Microscale Experiments in Organic Chemistry

New sets of apparatus

1. Capillaries

Capillaries will be used in the microscale experiments to

1. Determine physical constants such as m.p. and boiling points
2. To check the solubility of substances in cold solvents.
3. To prepare stock solutions to take various tests.
4. For transfer of liquids to another capillary,
5. For spotting in TLC.

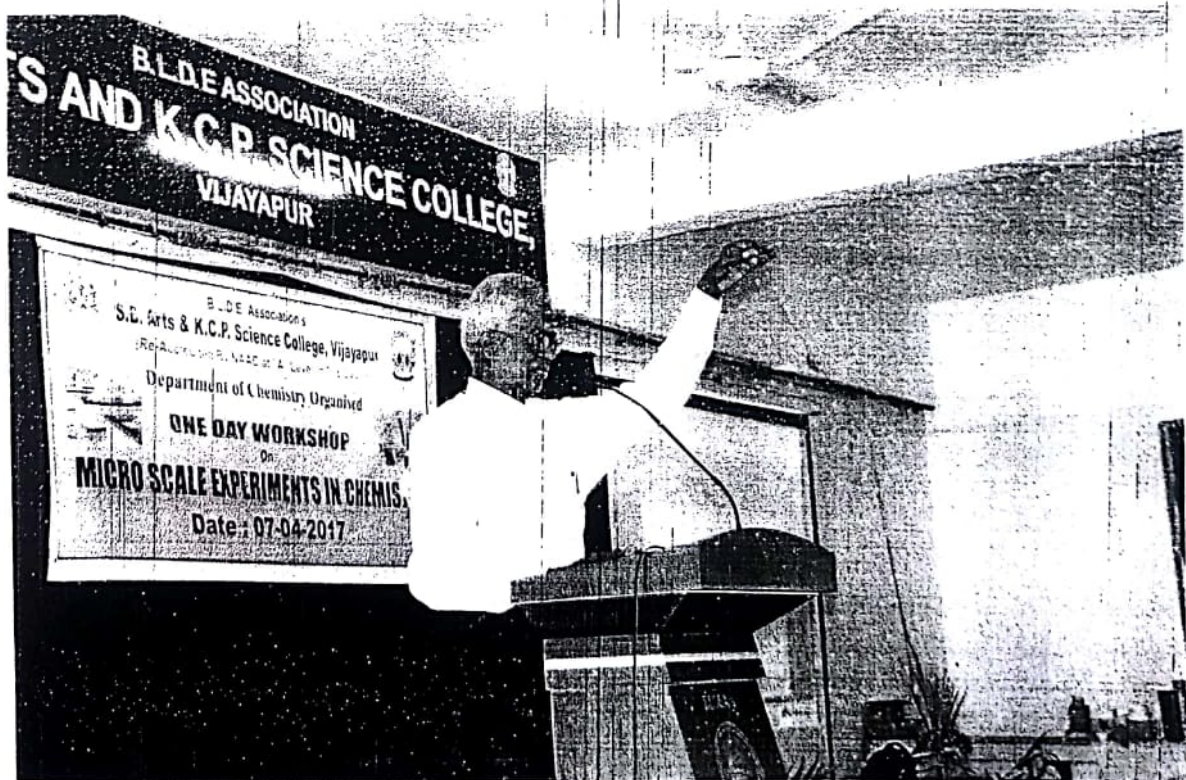
Capillaries generally are available in two types, broad bored melting point capillaries and very small bored TLC capillaries. If only the melting point


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MICRO SCALE EXPTS. IN CHEMISTRY
WORK SHOP
Dr. Muragan, Nagarkoil. (TN)



ONE DAY WORKSHOP ON MICROSCALE EXPERIMENTS

On - 7th April 2017

Resource Person: Prof. S. M. Murajan
S.T. Hindu College, Nagarkurnool

S/No.	Name of the Staff/Student	Name of the College/Institute	Mobile Number	Signature
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3	Akshata Hoxatti	KSHU vijayapur	7406664492	A. H. Hoxatti
4	Vani. C. Waghmare	K.S.W.U vijaypur	7353113662	
5	Shridevi. Biradar	K.S.W.U. Vijayapur	9611061041	
6	Basanti. Ardamani	K.S.K.U. Vijayapur	7899349697	
7	Sarita. D. Boragudde	K.S.W.U. Vijayapur	7349088410	
8	Kamala. m. patil	K.S.W.U. Vijayapur	8095134201	
9	M. M. B. Bagwan	KCP science college.	8095496494	
10	Kumar. B. Patil	KCP science college	741196436	
11	Mrutunjay. V. Hiremath	KCP sci. college	8884869049	
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13	Sachin. D. Chavan	KCP science college	8150905151	
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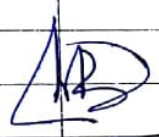

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Dyavanavale

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3	(104)	Sauita. V. Akale	"	996450
	(105)	Mr. Amit. B. Teradale	"	996450
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15		S.B. Arts & K.C.P. Science College, Vijayapur.	Principal; S.B. Arts & K.C.P. Sc. College Bijapur.	
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