



KLE University's

Dr. Prabhakar Kore Basic Science Research Center [BSRC]

KLE University, Belagavi – 590 010, Karnataka, INDIA

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Hands on Training Programme on:

'Laboratory Procedures'

[21st November 2017 to 25th November 2017]

Programme Coordinators:

- 1. Dr. Sunil S. Jalalpure** - Deputy Director, Dr. Prabhakar Kore Basic Science Research Center [BSRC], IIIrd Floor, V. K. I. D. S. Campus, KLE University, Nehru Nagar, Belagavi.
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- 2. Dr. Sanjay Mishra** - Scientist, Dr. Prabhakar Kore Basic Science Research Center [BSRC], IIIrd Floor, V. K. I. D. S. Campus, KLE University, Nehru Nagar, Belagavi.
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PARTICIPANT REGISTRATION FORM

Please fill in the form below -

Hands on Training Programme on:

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Full Name: Dr. /Mr. /Ms. /Mrs. _____

Designation: _____

Institution: _____

Postal Address: _____

Ph.No./ Mobile: _____

E-mail: _____

**Signature
of the Delegate**

**Signature and Seal
Principal/HOD**

Dr. Prabhakar Kore

* Number of Participants is **restricted to 20 only**. Registration fee: Rs. **1500/- per participant**

* Photocopies of the registration form may be used if required

* Duly filled Registration form should be send to KLE University's Dr. Prabhakar Kore Basic Science Research Center [BSRC], III Floor, VKIDS Campus, Nehru Nagar, Belagavi - 590010

OR mail scanned copy on: research@kleuniversity.edu.in; bt.sanjay@gmail.com

Schedule for Training Programme:

Date [Day] 09.30 AM - 01.00 PM	Training Schedule
21.11.2017 [Tuesday]	<p>Molecular Biology:</p> <ol style="list-style-type: none"> 1. Isolation of Genomic DNA from Blood and Quantification by Biophotometer 2. Polymerase Chain Reaction [PCR]: Programming, Preparation of master mix for PCR
22.11.2017 [Wednesday]	<p>Molecular Biology: [Continue.....]</p> <ol style="list-style-type: none"> 3. Agarose Gel Electrophoresis / Documentation / interpretation of results <p>Microbiology:</p> <ol style="list-style-type: none"> 1. Media preparation, Plating, Transferring culture from stock to liquid media and agar plate, ABST.
23.11.2017 [Thursday]	<p>Microbiology [Continue.....]</p> <ol style="list-style-type: none"> 2. Well plate method, MIC result, Anaerobic chamber demonstration 3. Lyophilizer: demonstration <p>Instrumental Analysis and Biopharmaceutics Laboratory:</p> <ol style="list-style-type: none"> 1. Metal ion estimation [Ca/Na/K/Mg/Zn] with Atomic Absorption Spectroscopy – Demonstration with Standards 2. Viscosity measurement of liquid samples/formulation using Viscometer. 3. Dissolution apparatus: demonstration
24.11.2017 [Friday]	<p>Instrumental Analysis and Biopharmaceutics Laboratory [continue.....]:</p> <ol style="list-style-type: none"> 4. Chromatographic analysis of drug using Ultra Performance Liquid Chromatography [UPLC] / HPLC [High Performance Liquid Chromatography]. 5. Release rates of cream formulations using Vertical Diffusion Cell system
25.11.2017 [Saturday]	<p>Cell Culture Laboratory:</p> <ol style="list-style-type: none"> 1. Revival of different cells. 2. MTT assay demonstration. <p>Natural Product Research Laboratory:</p> <ol style="list-style-type: none"> 1. Extraction Techniques: Rotavapor and Soxhlet apparatus for extraction



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BASIC SCIENCE RESEARCH CENTER