



# JAWAHARLAL NEHRU MEDICAL COLLEGE

*KLE Academy of Higher Education & Research  
(Deemed-to-be-University)*

NEHRUNAGAR, BELAGAVI – 590010, KARNATAKA , INDIA

Accredited 'A+' Grade by NAAC (3rd Cycle)

Office - (0831)-2471350

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Place in Category 'A' by MHRD (GoI)

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Fax : 91-0831-2470759



To,  
The Principal,  
KAHER J.N. Medical College,  
Belagavi

(Through Proper Channel)

Sub: Analytical Skill Development Capability Enhancement Scheme on Basic Principles of Cell Culture Techniques

Respected Madam,

The Department of Pharmacology is conducting a Analytical Skill Development Capability Enhancement Scheme on Basic Principles of Cell Culture Techniques for Postgraduate students , that will be conducted for three days from 10/1/2023 to 12/1/2023 from 2pm-5 pm at KAHER's Basic Science Research Centre, Belagavi.

This is for your kind information.

Thanking You,

Your's faithfully

Dr Nayana K Hashilkar

Professor & Head

Department of Pharmacology

J. N. Medical College , Belagavi



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## **Brief Report of Analytical Skill Development Capability**

### **Enhancement Scheme**

#### **Basic Principles of Cell Culture Techniques**

Cell culture is a crucial aspect of biomedical research and plays a vital role in various fields such as drug discovery, disease modelling, and regenerative medicine.

"Basic Principles of Cell Culture Techniques" was conducted at KAHER's JN Medical College, by the Department of Pharmacology in collaboration with BSRC, Belagavi. The course was organized by Dr. Rekha Nayaka, professor from the Department of Pharmacology. The course aimed to provide hands-on training to a group of 10 students, 5 PhD students being from various allied courses and 5 Post graduate students from J. N. Medical college, Belagavi, for 16 hours period, in the duration of 3 days, being 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> of January 2023 on the 'Basic principles of cell culture techniques.'

Under the guidance of the resource persons, the participants were introduced to the theoretical foundations of cell culture, including cell types, culture media, growth factors, and sterile techniques. The students also learned, the importance of quality control and monitoring during the culturing process.

The course provided a comprehensive overview of cell culture techniques, covering topics such as aseptic handling, subculturing, cryopreservation, and cell counting methods. The students gained skilful practical experience through hands-on training in a well-equipped laboratory, where they had the opportunity to work with various cell lines and practice different culturing procedures.

Throughout the course, Dr. Rekha Nayaka and other experts from the BSRC Belagavi provided personalized guidance and mentorship to the participants, ensuring a rich learning experience. The students actively engaged in discussions, posed questions, and received expert feedback on their techniques and experiments.

Overall, this course proved to be a highly beneficial and enriching experience for the participating students . The feedback collected from the participants showed that, they've gained a skilful learning on cell culture techniques via the hands-on-training and also requested for increase in the sessions and also the duration in upcoming years.



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The course not only enhanced their knowledge but also provided them with a valuable hands-on experience that can be applied in their future academic and professional pursuits.

Principal

J N Medical College, Belagavi



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**List of students who attended the Analytical Skill Capability Enhancement Scheme on Basic Principles of Cell Culture Techniques held from 10/1/2023 to 12/1/2023 in the Department of Pharmacology , KAHER J N Medical College, Belagavi.**

Sr.No	Name of students
1.	Dr Dayakar Marri
2.	Dr Arjun
3.	Sushmita I Hiremath
4.	Harish K H
5.	Neha Mali
6.	Pooja Koganole
7.	Akshata Menasinakai
8.	Sagar Nitturkar
9.	Bhagyashri Gali
10.	Kalyani Killekar

Principal

J N Medical College, Belagavi