















GSBTM sponsored National level Hands-on training program on

Charotar University of Science and **Technology (CHARUSAT)** is a state-private university established in 2009 under the Gujarat State Act No. 8 of GoG and recognized by UGC under section 22 of the UGC Act 1956. Offers programs in Technology & Engineering, Computer Pharmacy. Applications. Management Studies, Applied Sciences, Nursing, Physiotherapy, and Paramedical Sciences.

Dr. K C Patel R&D Centre (KRADLE) of CHARUSAT is a multidisciplinary research center that fosters basic and applied healthcare, research in energy, and environmental technologies, training and education of human resources for R&D. sponsored research and consultancy. collaboration with academic and research institutes, dissemination of new knowledge through publications, and protection of IPR through patents

Register by 31 July 2024 Registration and Mode of Payment:

https://forms.gle/tWK9zRPwTpvt7Fmv6

Animal Cell Culture and Cytotoxicity Assay

05-10 August 2024



About the program:

It is a six-days Gujarat State Biotechnology Mission sponsored and CHARUSAT approved two credits value-added industry-oriented certificate program that will aid participants in becoming acquainted with the aseptic techniques in animal cell culture, cell line handling, cryopreservation, revival of cultured cells and MTT-based cytotoxic assay.

Expert Lectures:

- Cell culture and its applications
- Do's and don'ts in Cell culture
- Sterilization methods
- Cytotoxicity assays in cell culture

Training Sessions:

- Aseptic techniques
- Use of inverted microscope and micropipettes
- Sub-culturing
- Cell counting and viability calculation
- Cryopreservation and revival of cells
- Cytotoxicity assay (MTT assay)

Intended participants:

UG-PG students/PhD Scholars/Faculty members/Industrial Personnel

Pre-requisite:

BSc 3rd year and above in any of the Biological Science Subjects



Fees (18% GST included)

Academia/ CHARUSAT Alumni: Rs. 2950/-; Industry: Rs 5900/-

Covers Daily Refreshments and Lunch

Accommodation: Available on a chargeable basis

Venue and Contact Details:

KRADLE, CHARUSAT

Contact Person: Dr. Neeraj Jain

Email: neerajjain.as@charusat.ac.in

LL: +91 2697 26 5186; Mobile: 99091 26264