



SREE VIDYANIKETHAN COLLEGE OF PHARMACY

Sree Sainath Nagar, Tirupati – 517 102

Dr. S. Mohanalakshmi, Professor & Vice Principal, **Dr. P. Latha**, Assoc Professor and **Mrs. K. Padmini**, Assistant Professor attended **DST sponsored**, one week hands on workshop on "Cell Culture Techniques" during 15th to 20th July 2019 at SSIIE – TBI of SPMVV in association with IISER, Tirupati, During the workshop the participants were provided with hands on training on the following:

- Preparation of Cell culture Media
- Handling of Cryopreserved Cells
- Maintaining Cultured Cells
- Primary Culture of Rat Neurons
- Cell Counting and Sub-culturing
- Cryopreservation of cells
- MTT assay for cell proliferation/cytotoxicity
- DCFDA staining for cellular ROS detection
- Cell death Assay: based on morphology (Acridine orange/Ethidium bromide staining).
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Participants learning the techniques for isolating hippocampus from the Rat brain



Participants with the Resource persons of IISER, Tirupati.



Hands on Session on double staining technique



Participants clarifying doubts with the Resource Persons