



MANGALORE UNIVERSITY
Department of Applied Zoology

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಆನ್ವಯಿಕ ಪ್ರಾಣಿಶಾಸ್ತ್ರ ವಿಭಾಗ

Dr. K. Bhasker Shenoy
Professor

Dear Madam/Sir,

Greetings from Department of Applied Zoology, Mangalore University.

I am happy to inform you that we are organizing a workshop on “**Confocal Microscopy and its applications**” at the Department of Applied Zoology, Mangalore University on 29th-and 30th November, 2016. This workshop will be jointly sponsored by Carl Zeiss India Pvt Ltd and Department of Applied Zoology, Mangalore University.

Confocal microscopy or confocal laser scanning microscopy (CLSM) is an optical imaging technique for increasing optical resolution and contrast of a micrograph. It enables the reconstruction of three-dimensional structures from the obtained images by collecting sets of images at different depths. This technique has gained popularity in the scientific and industrial communities and typical applications are in life sciences, chemistry of florescent molecules, semiconductor inspection, optics and materials science. It can be largely used for live cell, tissue and organism imaging at higher resolution. We will provide hands-on training to elucidate the complete workflow including use of different fluorescent molecules, image acquisition, processing and quantification using images.

On behalf of the organizing committee, I take this opportunity to invite you to Mangalore University to participate in the workshop. Please note that there is a limit of 20 participants so we can accommodate only **one participant** from your department . Send us the name and contact details of the participant on or before November 24, 2016. There is no registration fee for the workshop.

We look forward to meeting you in Department of Applied Zoology, Mangalore University.

With Best Regards,

Sincerely,

K Bhasker Shenoy
Convenor