

N.1: Transfer of three technologies to Indian industries during RRCAT Foundation Day

During RRCAT Foundation Day function 2022, three different technologies namely, Raman Probe, OncoVision and TuBerculoScope have been transferred to Indian industries. The Chief Guest of the RRCAT Foundation Day function Dr. Balasubramanian Venkatraman, Director, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam also presided the technology transfer ceremony. These technologies have application in biomedical field and are useful for artifact free Raman spectra for biological tissues, screening of Tuberculosis and assessment of potentially malignant oral lesions.



Representative of M/s Research India, Bhopal collecting technology transfer documents from Dr. S. V. Nakhe, Director, RRCAT.



Representative of M/s Applied Optical Technologies Pvt. Ltd., Thane collecting technology transfer documents from Dr. S. V. Nakhe, Director, RRCAT.

Details of technology and technology transfer are as follows:

1. **Raman Probe:** It is a hand-held opto-mechanical module for in-situ measurement of artifact-free Raman spectra from low Raman active materials like biological tissues and transferred to M/s Research India, Bhopal.



2. **OncoVision:** It is a low-cost, hand-held fluorescence imaging tool for improved visual assessment of malignant and potentially malignant oral lesions and transferred to M/s Applied Optical Technologies Pvt. Ltd., Thane.



3. **TuBerculoScope:** It is a low-cost fluorescence imaging device for sputum smear microscopy for diagnosis of Tuberculosis and transferred to M/s Research India, Bhopal.



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