



Dr. P .S. Ramanathan Advanced Instrumentation Centre Ramanarain Ruia Autonomous College

Dr. P. S. Ramanathan Advanced Instrumentation Centre (PSRAIC), was set up at Ramnarain Ruia Autonomous College is a brain child of Late Dr. P. S. Ramanathan, a distinguished analytical chemist and director –Corporate Analytical Operations, Gharda Chemicals with the support of the Shimadzu (India) Pvt.Ltd. and Gharda Chemicals.

The Dr. P. S. Ramanathan Advanced Instrumentation Centre is a fitting tribute to his contributions to analytical chemistry and his dream to create this one-of-its-kind centre in Mumbai. The dream of Dr. P. S. Ramanathan is today a reality at Ruia College due to spontaneity with which SHIMADZU Analytical (India) Pvt.Ltd. sponsored the analytical instruments and the generous support from Gharda Chemicals Ltd. and Mrs. Rajee Ramanathan.

As was visualized by Dr. Ramanathan, the centre equipped with state-of-the-art infrastructure, would be of immense help to students, teachers and industry, enabling all to stay in touch with contemporary developments in analytical sciences and instrumentation.

The laboratory is professionally designed, so as to provide pleasing, comfortable and safe working environment for students and industry professionals.

External samples from University/Colleges, National Lab and Industries are also analyzed at our centre.

Instrument Facilities

INSTRUMENTS	MODEL NO.	MAKE
UFLC (Ultra Fast Liquid Chromatography)	AUTOSAMPLER- PROMINENCE CTO-20AC MANUAL-LC 20AD	SHIMADZU INDIA PVT. LTD.
GC (Gas Chromatography)	GC-2014	
GC-MS (Gas Chromatography – Mass Spectrometry)	GC-MS-2010 ULTRA	
AAS (Atomic Absorption Spectroscopy)	AA-7000	
FTIR (Fourier Transformed Infrared Spectrometry)	IR-PRESTIGE 21	
UV-VISIBLE	UV-1800	
DSC (Differential Scanning Calorimeter)	DSC-60	
HPTLC (High Performance Thin Layer Chromatography)	SPOTTER-LINOMAT-IV TLC SCANNER- 4	

Courses /Workshops Conducted

- Workshop on Spectrophotometric and Chromatographic techniques
Duration- 6days
- Certificate course in Industrial Analytical techniques
Duration- 3/6months
- Personalized Hands on Training on Analytical Instruments
Duration- 3days per instrument
- Advanced Training on HPLC/GC/GC-MS
-Duration- 3 days

For Further Details Contact:

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