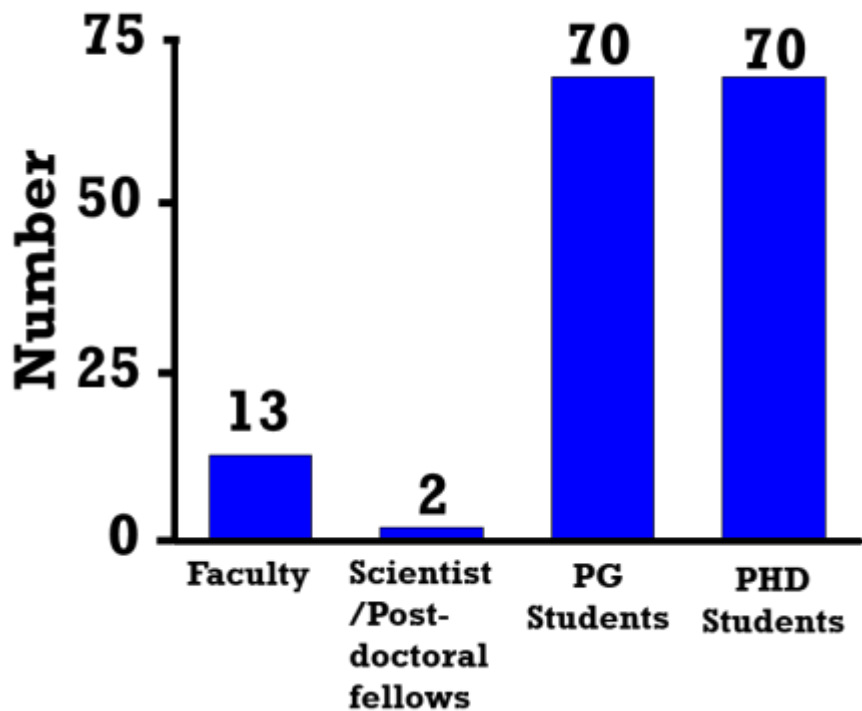




DEPARTMENT OF CHEMISTRY

Department Profile:

Current Strength



Courses

Started

PhD	: 1996
MSc (Chemistry)	: 2012
MSc Tech. (Polymer Science & Technology)	: 2008 – 2012
Chemistry Courses for BTech.	: 1961

DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

1. Fluorescence spectrometer with accessories
LS 55 (230 V)
2. Intel Xeon -4
NODE 16CORE HIGH PERFORMANCE COMPUTING CLUSTER
3. High Performance Liquid Chromatography (HPLC)



DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

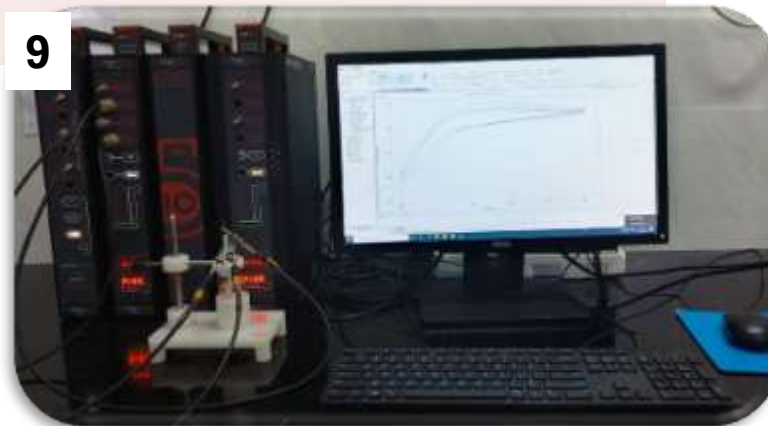
- | | |
|----|--------------------------------|
| 4. | Bench top XRD system mini fixx |
| 5. | Spectro Fluoro Meter
G9800A |
| 6. | Anatek UV-V750 |



DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

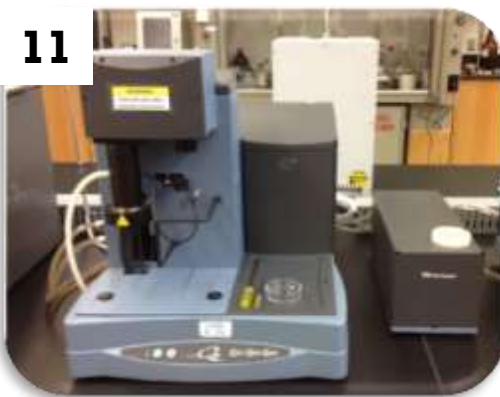
- | | |
|----|---|
| 7. | Olympus Microscopic |
| 8. | 4 NODE 20 CORE HIGH PERFORMANCE COMPUTING CLUSTER with Centos 7.2 |
| 9. | Electrochemical Workstation, SAS OrignalysElectrochem, OrigaFlex-OGFDRV, OrigaFlex-OGF500, OrigaFlex-OGF05A, OrigaFlex-OGFEIS |



DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

10. Two port Glovebox with Integrated freezer standard V-Lab Single(2-port) Glovebox Along with Accessories
11. TA instrument- DSC and TGA (TGA Q50)
12. Jasco FTIR Spectrometer with ATR



DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

13. HP-Z230 Workstation

14. Electrochemical workstation with impedance analyser and FTAC Voltammeter-
Model:CHI660E Optional Accessories: A cell stand with Faraday Cage with SVC-3, for 2955 USD

15. Shimadzu UV-2600

14



15



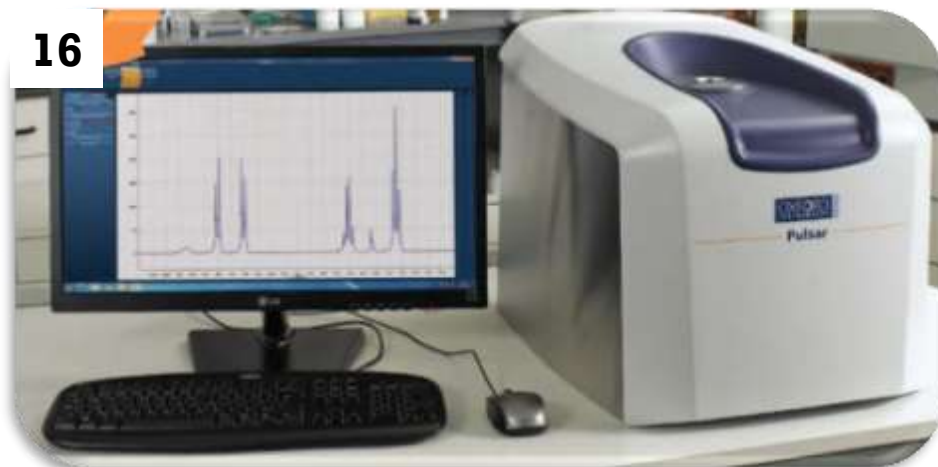
DEPARTMENT OF CHEMISTRY

- Details of the equipment and its utilization

16. Oxford Pulsar 60MHZ NMR

17. Perkin Elmer UV-Visible NIR spectrometer

18. Simultaneous Thermal Analyzer





DEPARTMENT OF CHEMISTRY

■ Details of Laboratories

Ground Floor		Room No.
1.	BIO-ORGANIC RESEARCH LABORATORY	101
2.	INORGANIC & BIO-INORGANIC RESEARCH LABORATORY	102
3.	COMPUTATIONAL LABORATORY	103
4.	SOFT MATERIALS RESEARCH LABORATORY	104
5.	POLYMER SCIENCE & TECHNOLOGY RESEARCH LABORATORY	106
6.	MATERIALS RESEARCH LABORATORY	107
7.	ORGANIC SYNTHESIS & CATALYSIS LAB	108
8.	HETEROCYCLIC CHEMISTRY LAB	109



DEPARTMENT OF CHEMISTRY

■ Details of Laboratories

First Floor		Room No.
1.	SOFISTICATED INSTRUMENTATION LABORATORY	207
2.	PG INSTRUMENTATION LABORATORY	209
3.	SUPRAMOLECULAR & MAIN GROUP ORGANOMETALLIC LAB	213A
4.	LABORATORY FOR ENERGETIC & ENERGY MATERIALS RESEARCH	213B



നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജി കാലിക്കറ്റ്
राष्ट्रीय प्रौद्योगिकी संस्थान कालीकट
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

DEPARTMENT OF CHEMISTRY

▪ Details of Laboratories

Second Floor		Room No.
1.	BIOINSPIRED & BIOMIMETIC INORGANIC CHEMISTRY LAB	301
2.	LABORATORY FOR ADVANCED MATERIALS & APPLIED RESEARCH	302
3.	THEORETICAL MODELING & COMPUTING LABORATORY	307
4.	THEORETICAL & COMPUTATIONAL CHEMISTRY RESEARCH LABORATORY	309
5.	PG LABORATORY	310



നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജി കാലിക്കറ്റ്
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DEPARTMENT OF CHEMISTRY

- Conference hall/ Seminar/Discussion-room details



Mini Conference hall
Room No. 204



Dr. Sitaraman Seminar Hall
Room No. 202