

ICT TOOLS

| ICT tools available |
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| Software |
| MATLAB |
| SPSS |
| Mathematica |
| Scope image software (Motic) |
| Diffraact suite |
| R programming |
| Wika |
| Python |
| Lab Solution (FTIR) |
| UV Pro (UV -VISSSBLE Spectrophotometer) |
| Tally ERP |
| Motic image plus |
| EVOS fluid imaging system |
| Gen 5 software: EPOCH Biotech microplate |
| Atomic Absorption spectrophotometer software |
| LATEX |
| IMAGE ANALYSIS SOFTWARE: Steriobinocular microscope |
| Online statstical tools R-software |
| PIBWIN |
| Oracle 10 g Professionals |
| Borland Turbo C++ |
| Wndows SP Professonal SP2 |
| Microsoft server 2003 |
| Photoshop |
| Polycom Real Presnce Group seres 500 |
| with 3 commercial samsung LCD screens |
| and sound system (ergonomic setup) |

E-Resources and techniques used

| S.No | E-resources |
|-------------|-------------------------------|
| 1 | INFLIBNET |
| 2 | DELNET |
| 3 | NDL |
| 4 | INSTITUTIONAL DIGITAL LIBRARY |
| 5 | EPWRF |

| S.No | Techniques |
|-------------|----------------------------|
| 1 | Smart classes |
| 2 | Educational Blogs |
| 3 | E-Lectures on Youtube |
| 4 | Video Lectures |
| 5 | Virtual lectures |
| 6 | E-Assignments |
| 7 | E-tutorials |
| 8 | E- Notes |
| 9 | Webinars |
| 10 | Video conferencing |
| 11 | Virtual lab demonstrations |
| 12 | Software based teaching |