

## FORMAT FOR PROVIDING EQUIPMENT RELATED INFORMATION

Name of faculty: Natural Sciences

Name of Department: Chemistry

| S.No | Name of equipment                      | Qty | Date of purchase   | Location of installation/Lab   |
|------|--|-----|--|--|
| 1.   | Multimeter                             | 01  | 29/01/2004   | Materials Research laboratory(Prof.Sharif Ahmad)   |
| 2.   | GPC with triple detector               | 01  | 31/04/2004   | Instrumentation laboratory   |
| 3.   | Infrared Spectrophotometer (FTIR)      | 01  | 23/03/2007   | Materials Research laboratory(Prof.Sharif Ahmad)   |
| 4.   | Spectrophotometer<br>Spectrophotometer | 01  | 20/03/2007   | PG Lab –I  |
| 5.   | Spectrophotometer UV                   | 09  | 04/02/2005<br>28/03/2007<br>28/03/2008<br>28/03/2008<br>23/10/2009<br>23/10/2009<br>23/10/2009<br>28/11/2009<br>31/03/2013 | Instrumentation laboratory<br>Materials Research laboratory (Dr.Nahid Nishat)<br>Materials Research laboratory (Prof.Sharif Ahmad)<br>Inorganic laboratory (Prof.Tabrez Alam Khan)(2)<br>Organic Laboratory (Prof.Imran Ali)<br>New Science block (Dr.Saiqa Ikram)<br>New Science block (Dr.UfanaRiaz)<br>PG Dry Lab –II of Department |
| 6.   | TGA Machine with Comp Printer          | 02  | 17/06/1995<br>28/07/2000   | Instrumentation laboratory   |
| 7.   | BET Surface Area Analyzer              | 01  | 09/05/2008   | Nanochemistry laboratory (Dr.Tokeer Ahmad)   |
| 8.   | Fluorolog with Comp.Printer            | 01  | 16/05/2008   | Instrumentation laboratory   |
| 9.   | Melting Point Apparatus                | 01  | 06/03/2008   |  |
| 10.  | Thermal Analyzer System (TGA)          | 01  | 14/04/2008   | Instrumentation laboratory   |
| 11.  | Viscometer Vibro                       | 01  | 05/11/2009   | Materials Research (Prof.Sharif Ahmad)   |

|     |  |    |                          |  |
|-----|--|----|--------------------------|--|
| 12. | Differential Scanning Calorimeter        | 02 | 24/02/2008<br>26/02/2009 | New Science block (Dr.Saiqa Ikram)<br>Instrumentation laboratory |
| 13. | Infrared Spectrophotometer               | 01 | 23/02/2010               | Materials Research laboratory (Prof.Sharif Ahmad)                |
| 14. | Potentiostat EIS Unit                    | 01 | 05/03/2010               | Materials Research laboratory (Prof.Sharif Ahmad)                |
| 15. | C.H.N.S.O. Analyzer System               | 01 | 18/05/2011               | Instrumentation laboratory                                       |
| 16. | HF LCR Meter                             | 01 | 28/04/2011               | Nanochemistry laboratory (Dr.Tokeer Ahmad)                       |
| 17. | Sonicator Probe 20&40 KHz                | 01 | 04/02/2011               | Nanochemistry laboratory (Dr.Tokeer Ahmad)                       |
| 18. | Autoclave (Hydrothermal)                 | 01 | 17/02/2012               | New Science block (Dr.Saiqa Ikram)                               |
| 19. | Cyclic voltammeter                       | 01 | 31/3/2013                | PG lab (Materials Chemistry)                                     |
| 20. | Tensile Strength tester                  | 01 | 31/3/2013                | UG lab of Department   |
| 21. | Atomic absorption spectrophotometer      | 01 | 31/3/2013                | PG project Lab   |
| 22. | Melting point apparatus                  | 02 | 31/3/2013                | PG Dry Lab -II<br>PG Lab- III                                    |
| 23. | Polarographic Analyser                   | 01 | 31/3/2013                | PG Dry Lab -II   |
| 24. | Muffel Furnace with N <sub>2</sub> inlet | 01 | 31/3/2013                | PG Project Lab   |
| 25. | Rotary Evaporator with pump and chiller  | 01 | 31/3/2013                | PG Dry Lab -I  |
| 26. | Digital Balance                          | 03 | 31/3/2013                | UG Lab -I<br>PG Lab -II<br>PG Lab -III                           |
| 27. | Ice making machine                       | 01 | 31/3/2013                | PG Dry Lab I   |
| 28. | UV-visible spectrophotometer             | 01 | 31/3/2013                | PG Dry Lab II  |
| 29. | Laboratory Microwave Oven                | 01 | 24/2/2010                | New Science block (Dr.Ufana Riaz)                                |