CHAPTER 3  RESEARCH DESIGN AND METHODOLOGY  .......  67-76

3.0 Introduction ........................................................................... 67

3.1 Research population ............................................................... 67

3.2 University of Kerala ............................................................... 68

3.3 Cochin University of Science and Technology ......................... 70

3.4 Selection of sample and the technique used .............................. 73

3.5 Survey instrument .................................................................... 73

3.6 Data collection procedure ......................................................... 74

3.7 Techniques used for data analysis ............................................. 75
CHAPTER 4  DATA ANALYSIS AND INTERPRETATION ........... 77-196

4.0 Introduction .................................................................. 77

4.1 Descriptive analysis of respondents general characteristics .......... 77
   4.1.1 Total respondents ................................................... 77
   4.1.2 Age group wise distribution of respondents ....................... 78
   4.1.3 Gender wise distribution of respondents ............................ 78
   4.1.4 Qualification wise distribution of respondents ................... 79
   4.1.5 Category wise distribution of respondents ........................ 79
   4.1.6 Discipline wise distribution of respondents ...................... 80
   4.1.7 Publication pattern of respondents .................................. 81

4.2 Stages of research ................................................................. 82
   4.2.1 Present stage of research ......................................... 82
   4.2.2 Hours spent for research in different places ...................... 83
   4.2.3 Difficulty in conducting literature search ......................... 84
   4.2.4 Library dependency during different stages of research ...... 85

4.3 Source of information and means of communication ......................... 86
   4.3.1 Different types of information sources required to meet the information needs .............................................. 86
   4.3.2 Collection adequacy ............................................... 90
   4.3.3 Frequency of use of various sources ............................... 92
   4.3.4 Number of scholarly journals academics read regularly ...... 95
   4.3.5 Method of collecting current information ....................... 100
   4.3.6 Opinion on the adequacy of information source in the university library ...................................................... 102

   4.3.7 How do you perform information search from the following sources .......................................................... 106
   4.3.7.1 Book .................................................................. 106
   4.3.7.2 Journals ............................................................. 107
   4.3.7.3 Reference source ................................................. 108
   4.3.7.4 Abstracts .......................................................... 109
   4.3.7.5 Online full text sources ........................................ 110
4.3.8 Experience of non availability of required
document/article .............................................111
4.3.9 Participation in user discussion groups ....................115
4.3.10 Non-book material consultation ............................118
4.3.11 Method of finding specific information ......................122
4.3.12 Channels of communication ................................123
4.3.13 Reasons for choosing informal channels ....................125
4.3.14 Contacts with individuals in different establishments
for information .....................................................126
4.3.15 Preference of the form of information source ..............130

4.4 Library use and services ......................................134
4.4.1A Frequency of use of university library ......................134
4.4.1B Frequency of use of department library ...................138
4.4.1C Use of campus library by respondents ........................142
4.4.2 Purpose of using the library ................................145
4.4.3 Awareness of the services provided by the library ........146
4.4.4 Awareness of special services ..............................148
4.4.5 How do you locate information from the library ...........149
4.4.6 Awareness of abstracting journals in your subject ........150
4.4.7 Level of understanding of the user awareness
programmes conducted by your university library? ............154
4.4.8 Awareness of services offered by different agencies ..........157
4.4.9 Information - article usage from foreign languages
other than English ..................................................160
4.4.10 Use of other libraries ........................................163
4.4.11 Knowledge about electronic resources usage of the library .....167
4.4.12 Use of online search of foreign databases .......................... 172
4.4.13 Frequently used database ................................................... 175
4.4.14 While retrieving information through electronic
sources who formulate the search strategy ......................... 178
4.4.15 Searching methods to get maximum recall form
electronic sources .......................................................... 182
4.4.16 Reasons for preferring online services ............................. 186
4.4.17 Adequacy of service provided by the university library .... 187
4.4.18 Academics’ response on various services after automation ... 190
4.4.19 Academics’ usage and preference on various electronic
sources ................................................................. 191

4.5 Conclusion ........................................................................ 192

CHAPTER 5 SUMMARY OF THE FINDINGS, RECOMMENDATIONS
AND CONCLUSION .............................................. 197-211

5.0 Introduction ....................................................................... 197
5.1 Hypothesis testing .............................................................. 197
5.2 Summary of findings .......................................................... 207
5.3 Suggestions of the respondents ............................................. 209

5.3.1 CUSAT ............................................................. 209
5.3.2 University of Kerala ................................................... 209

5.4 Suggestions and recommendations of the study .................. 210
5.5 Conclusion ........................................................................ 211