CHAPTER 6: DATA ANALYSIS
6.1 Introduction:

As it is mentioned earlier in the scope that selected open universities will be the part of the study, only four open universities have been surveyed, these are:

Kota Open University (KOU), Kota (Raj.)
Indira Gandhi National Open University (IGNOU), New Delhi
Yashwantrao Chavan Maharashtra Open University (YCMOU), Nashik (Mh.)
Rajarshri Tandon Open University, Allahabad (U.P.)

The population surveyed in all of these open universities is 50 open learners, which have been selected randomly from study centres and the information desk of the university head quarter. Tools used during the survey are well designed questionnaire for the open learners and the interview schedule.

Data is presented in the form of various categories, identified at the lime of literature survey and designed in the form of questions as the part of the questionnaire. The questionnaire is distributed among open learners. The collected data is processed and presented in terms of pie chart of the percentage of responses.

6.2 Category of Courses wise Distribution:

As a response In Kota Open University 09 certificate, 12 diploma, 21 bachelors and 08 students are perusing masters course. In Indira Gandhi National Open University 04 certificate, 06 diploma, 24 bachelors and 16 students are perusing masters course. In Y.C. Maharashtra Open University 05 certificate, 08 diploma, 28 bachelors and 09 students are perusing masters course. In U.P. Rajarshi Tandon Open University 06 certificate, 11 diploma, 22 bachelors and 11 students are perusing masters course.
6.3 Gender Wise Distribution:

In terms of sex and specially male responses 19 responded in Kota Open University, 23 in Indira Gandhi National Open University 28 in Y.C. Maharashtra Open University and 22 male responded in U.P. Rajarshi Tandon Open University. At the same time 31 responded in Kota Open University, 27 in Indira Gandhi National Open University 22 in Y.C. Maharashtra Open University and 28 female responded in U.P. Rajarshi Tandon Open University.
6.4 Age Wise Distribution:

As the age of 18 years or less 03 respondents are from Kota Open University, 02 from Indira Gandhi National Open University, 03 from Y.C. Maharashtra Open University and 05 from U.P. Rajarshi Tandon Open University. As the age of 18 to 28 years 10 respondents are from Kota Open University, 08 from Indira Gandhi National Open University, 06 from Y.C. Maharashtra Open University and 09 respondents are from U.P. Rajarshi Tandon Open University. As the age of 29 to 35 years 16 respondents are from Kota Open University, 19 from Indira Gandhi National Open University, 18 from Y.C. Maharashtra Open University and 22 respondents are from U.P. Rajarshi Tandon Open University. As the age of 35 years or more 21 respondents are from Kota Open University, 21 from Indira Gandhi National Open University, 23 from Y.C. Maharashtra Open University and 14 respondents from U.P. Rajarshi Tandon Open University.
6.5 Learning and Working Status:
While checking the number of persons studying while working at the same time, 27 open learners in Kota Open University, 29 in Indira Gandhi National Open University, 28 in Y.C. Maharashtra Open University and 26 open learners in U.P. Rajarshi Tandon Open University are working at the same time while learning in various courses.
6.6 Language Wise Distribution:

While analyzing the instructional language wise distribution, it is found that as a medium of instruction hindi 41 respondents are in Kota Open University, 21 are in Indira Gandhi National Open University, 02 in Y.C. Maharashtra Open University and 40 are from U.P. Rajarshi Tandon Open University. As a medium of instruction English 09 learners are from Kota Open University, 29 are from Indira Gandhi National Open University, 09 are from Y.C. Maharashtra Open University and 10 learners are from U.P. Rajarshi Tandon Open University. While use of local language, only Y.C. Maharashtra Open University has 39 open learners opting local language as the medium of instruction.
6.7 Technology/Medium Used for Instructions:

In Kota Open University 50 open learners are using print media, 22 are using audio/video cassettes, 38 are using radio, 18 are using television and 08 are using telephone. In Indira Gandhi National Open University 50 open learners are using print media, 28 are using audio/video cassettes, 23 are using radio, 41 are using television, 18 are using telephone and 24 open learners are using e-mail. In Y.C. Maharashtra Open University 50 open learners are using print media, 18 are using audio/video cassettes, 40 are using radio, 21 are using television, 09 are using telephone and 14 open learners are using e-mail. U.P. Rajarshi Tandon Open University 50 open learners are using print media, 14 are using audio/video cassettes, 12 are using radio, 22 are using television, 11 are using telephone and 18 open learners are using e-mail as the method of instruction and learning.
6.8 Communication Methods (Student-Teacher):
As a method of communication three methods are explored primarily and the response is in Kota open University 42 open learners prefer face to face communication, 08 telephone. In Indira Gandhi National Open University 40 open learners prefer face to face communication, 18 telephone and 24 prefer for e-mail. In Y.C. Maharashtra Open University 38 open learners prefer face to face communication, 09 telephone and 14 prefer e-mail. In U.P.R.T.O.U. 37 open learners prefer face to face communication, 11 telephone and 18 prefer e-mail as a mode of communication. Some other students also opt other methods, but not holding the priority position.
6.91 Communication Methods (Student-Student):

As a method of communication between students three mediums are primarily being used and the response is in Kota open University 11 open learners prefer face to face communication, 39 telephone. In Indira Gandhi National Open University 05 open learners prefer face to face communication, 27 telephone and 18 prefer e-mail. In Y.C. Maharashtra Open University 07 open learners prefer face to face communication, 38 telephone and 05 prefer e-mail. In U.P. Rajarshi Tandon Open University 11 open learners prefer face to face communication, 31 telephone and 08 prefer e-mail as a mode of communication.
6.92 Use of University/Study Centre Library:
Data relating to the use of library whether it may be university library or library of a study centre shows its low usage. In Kota Open University only 12 persons, in Indira Gandhi National Open University 18, in Y.C. Maharashtra Open University 16 and in U.P. Rajarshi Tandon Open University only 14 persons are frequent user of the library.
6.93 Reason of the Less Use of the Library:

The main reason behind low usage of the library specially of university library is long distance of the place where the library is situated. Besides this the response is, in Kota Open University 41 person says that it is long distant, 01 denies the facility to access library, 02 says that they are not allow to use library services and 06 person say that it is not required. In Indira Gandhi National Open University 42 person says that it is long distant, 01 says that they are not allow to use library services and 07 person say that it is not required. In Y.C. Maharashtra Open University 39 person says that it is long distant, 02 denies the facility to access library, 01 says that they are not allow to use library services and 08 person say that it is not required. In U.P. Rajarshi Tandon Open University 35 person says that it is long distant, 03 denies the facility to access library, 03 says that they are not allow to use library services and 09 person say that it is not required.
6.94 Access of the Web Site of the Open University:

Number of students accessed university’s web site is in Kota Open University 06, in Indira Gandhi National Open University 21, in Y.C. Maharashtra Open University 05 and in U.P. Rajarshi Tandon Open University 03.
6.95 Library Access through Web:

The count accessing university’s web site is very low, and at the same time they are not aware about the web based library access. Indira Gandhi National Open University is an exception where 14 respondents have enquired about the library based services through web.

6.96 Need of Web Based Library Service:

During the survey in Kota Open University 42 respondents required for full text service of library documents, 34 needs for OPAC, 04 demands for indexing, 04 want abstracting service 04 asks for SDI service, 04 want CAS service and 27 respondents want e-consultation. In Indira Gandhi National Open University 47 respondents required for full text service of library documents, 41 needs for OPAC, 15 demands for indexing, 08 want abstracting service 15 asks for SDI service, 15 want CAS service and 41 respondents want e-consultation. In Y.C. Maharashtra Open University 43 respondents required for full text service of library documents, 38 needs for OPAC, 02 demands for indexing, 02 want abstracting service 02 asks for SDI service, 02 want CAS service and 24 respondents want e-consultation. In U.P. Rajarshi Tandon Open University 41 respondents required for full text service of library documents, 36 needs for OPAC, 04 demands for indexing, 04 want abstracting service 04 asks for SDI service, 04 want CAS service and 29 respondents want e-consultation.
6.97 Type of Documents Accessible Through Web:

As the survey response 41 respondents want to access text books, 08 want reference books and 03 periodicals in Kota Open University, in Indira Gandhi National Open University 42 respondents want to access text books, 36 want reference books and 16 periodicals, in Y.C. Maharashtra Open University 40 respondents want to access text books, 16 want reference books and 03 periodicals, in U.P. Rajarshi Tandon Open University 43 respondents want to access text books, 11 want reference books and 05 periodicals.