Attempts to use Micro CDS/ISIS Version 3.07 (c) UNESCO 1993 for the distribution of books from Book Bank Section of Central Library, IIT, Delhi. Priority is given to SC/ST/MCM and low income groups, after that surplus copies are issued to all general students of B.Tech and M.Sc. To achieve the computerised process, the database of book bank (BB) and distribution database (BBI) are created.

INTRODUCTION
The Book Bank of Central Library IIT, Delhi is housed in the text-book section at ground floor of the Central Library. The collection consists of more than 4000 prescribed text books in paper back editions. These are included in this collection on the recommendation of the Heads of the departments/centres of the institute. Recently a database of these books has been created. It has been designed and developed in-house using CDS/ISIS version 3.07 software package.

These books are issued to CS/ST and economical by backward students for one full semester. The book bank scheme is basically meant for undergraduates only. The scheduled caste and scheduled tribe students are given this facility free of charges limiting to total cost of borrowed book(s) which is Rs. 750/- only. Other categories of students are entitled to borrow not more than FOUR books from the book bank on 10% rental charge. Priority is given to under graduate students of SC/ST/M.C.M. (Merit Cum Means) and low income group whose parent’s basic income does not exceed Rs. 2600/- per month or Rs. 37800/- per annum. After distribution to these categories, surplus copies are issued to other students, including M.Sc. students irrespective of their parent’s income, on first-come-first-served basis.

PROCEDURE FOR AWAILING BOOK BANK FACILITIES
From time to time, a notification about book bank activities is displayed on the notice board of library;

The procedure for availing book bank facilities is discussed in subsequent sections.

Display of Author-wise Alphabetical List of Books
A database (BB) of 4000 copies (having 536 titles) has been created through CDS/ISIS Version 3.07. For this purpose, the following tables are formed/created.

FIELD DEFINITION TABLE (FDT) (fig. 1)
FIELD SELECT TABLE (FST) (fig. 2)
DISPLAY FORMATS (fig. 3)
DATA ENTRY WORKSHEETS (Fig. 4)

Each entry having following information is prepared.

AUTHOR ____________________
TITLE ____________________
DEPARTMENT ____________________
10% OF COST OF BOOK ____________________
NUMBER OF COPIES (Available) ____________________
MFN ____________________
A list of items in book bank, author-wise, department-wise or subject-wise is prepared and displayed on the notice board at ground floor of the library.

Notification for feeding the data or required Books from Book Bank

A notification is circulated at the beginning of each semester (i.e., 1st week of August in 1st semester and 1st week of January in 2nd semester) for feeding the data of required books from book bank within a limited time.

The eligible B.Tech students (SC/ST/MCM/Low income group) may select the books and take only title code (to save time as well as for accuracy) for feeding the data from the list of book bank, displayed on the notice board of the library and feed the same (as per proforma given below) in the computer installed in the Text Book Section. This database is called BBDB (Book Bank Distribution Database). List of all the title in Books Bank database are fed in title code portion e.g.

Proforma for Book Bank

(Please use separate performa for each book)

Title Code 
Student's Name and Entry Number 
Parent's Income (per month) 
Category 
(categories A = SC/ST, B = MCM, C = Low Income Group)

Display of Eligibility-wise Priority List

The library will then display priority list according to their eligibility. This list is to be sorted and prepared by computer according to income within the category. A portion of the print out is given below:

002: ACKOFF FUNDAMENTALS OF OPERATIONAL RES. 10% COST = 6.90
No. of copies = 4

Collection of Book Bank Rental Charges

The scheduled caste and scheduled tribe students are given this facility free of charge limiting to total cost of borrowed book(s) which is Rs. 750/- only. Other categories of students are entitled to borrow not more than four book from the book bank on 10% rental charge.

Issue of Book Bank Books to the Eligible Students

The eligible students will be given a book bank borrowers card (green colour) from the book bank section and after completion of the necessary formalities the book will be issued for a semester (six months) to them.

Issue of surplus copies of titles on first-come-first-served basis

After distribution of these books to above categories, a notification is circulated at the beginning of each semester (i.e., last week of August in 1st semester and last week of January in 2nd semester). The surplus copies will be issued to the students who are UG and M.Sc. irrespective of their parent's income, on first-come first served basis.

Return of Books at the end of the semester

At the end of each semester students have to return all such books to this section of the library.

STATISTICS OF BOOK BANK

A. Scheduled Cast/Scheduled Tribes
B. Tech Students

The SC/ST students are given this facility free of charge limiting the total cost of borrowed books which is Rs. 750/- only. A ten years statistics is given below:

B. General Students

The B.Tech Students (MCM/LOW income group) and M.Sc are entitled to borrow not more than four
APPLICATION OF CDS/ISIS VERSION 3.07 IN BOOK BANK FACILITY

<table>
<thead>
<tr>
<th>Years</th>
<th>No. of Students benefitted in 1st &amp; 2nd semester</th>
<th>Total No. of books borrowed in 1st &amp; 2nd semester</th>
<th>Rental Charges in Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988-89</td>
<td>176</td>
<td>771</td>
<td>4632</td>
</tr>
<tr>
<td>1989-90</td>
<td>166</td>
<td>681</td>
<td>4781</td>
</tr>
<tr>
<td>1990-91</td>
<td>189</td>
<td>789</td>
<td>5767</td>
</tr>
<tr>
<td>1991-92</td>
<td>193</td>
<td>787</td>
<td>6109</td>
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<tr>
<td>1992-93</td>
<td>216</td>
<td>855</td>
<td>6617</td>
</tr>
<tr>
<td>1993-94</td>
<td>209</td>
<td>859</td>
<td>6435</td>
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<tr>
<td>1994-95</td>
<td>223</td>
<td>643</td>
<td>4613</td>
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<tr>
<td>1995-96</td>
<td>177</td>
<td>722</td>
<td>4500</td>
</tr>
<tr>
<td>1996-97</td>
<td>175</td>
<td>680</td>
<td>6155</td>
</tr>
<tr>
<td>1997-98</td>
<td>188</td>
<td>712</td>
<td>6900</td>
</tr>
<tr>
<td>1998-99</td>
<td>238</td>
<td>739</td>
<td>6797</td>
</tr>
</tbody>
</table>

Distributed of books from book bank through CDS/ISIS version 3.07 has been taking place very successfully for the last three years.

REFERENCES
### Field Definition Table (FDT)

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<thead>
<tr>
<th>Tag</th>
<th>Name</th>
<th>Len</th>
<th>Typ</th>
<th>Rep</th>
<th>Delimiters/Pattern</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>TITLE CODE</td>
<td>200</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>STUDENT'S ENTRY NO</td>
<td>50</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>PARENT'S INCOME (PM)</td>
<td>5</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>USE A=SC/ST, B=MCM, C=LOW INCOME</td>
<td>1</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fig. 1**

### Database name: BBI

<table>
<thead>
<tr>
<th>ID</th>
<th>3IT</th>
<th>3Data extraction format</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>V1</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>V2</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>V3</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td>V4</td>
</tr>
</tbody>
</table>

**Fig. 2**

### Database Name: BBI

<table>
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<tbody>
<tr>
<td>V1/V2/V3/V4#</td>
</tr>
</tbody>
</table>

**Fig. 3**
APPLICATION OF CDS/ISIS VERSION 3.07 IN BOOK BANK FACILITY

TITLE CODE

STUDENT'S ENTRY NO

PARENT'S INCOME (PM) 0000

USE A= SC/ST, B=MCM, C=LOW INCOME

EDIT: Replace

Last Page

MFN = 1414

Fig. 4