

## EMERGING OF NEW SUBJECT AND TERMINOLOGY IN LIS IN 15TH (1951) TO 23RD EDITION(2011) OF DEWEY DECIMAL CLASSIFICATION

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**Abstract:** - *This article is based on the research conducted for studying metamorphosis of library and information science schedule of DDC from 15th to 23rd edition. For the present paper schedule for 025 'Administration' is covered.*

*This paper discusses the evolution in Library and Information Science of Dewey Decimal Classification editions for the notation 025 from the perspective of new terminology, assigned and unassigned new subject and expanding the new notations and auxiliary structure. The paper explains the comparative analysis in Library and Information Science of DDC from 15th to 23rd editions in class number 025 to 025.999. In addition, paper analyze notations from all ten sub division and determines the meaning of every semantic atom contained in LIS i.e class no 025 to 025.999.*

**Keywords :** DDC, Dewey Decimal, Classification, Library Classification, Library and Information Science.

### Introduction

The Dewey Decimal Classification (DDC) system is a general knowledge organization tool that is continuously revised to keep pace with knowledge. The system was conceived by Melvil Dewey in 1873 and first published in 1876. The DDC is published by Forest Press, which in 1988 became a division of OCLC Online Computer Library Center, Inc. The Dewey Decimal Classification is the most widely used library classification system in the world. It is used in

more than 138 countries and has been translated into over 30 languages.

In the DDC, the notation is expressed in Arabic numerals. The notations give both the unique meaning of the class and its relation to other classes. The notation provides a universal language to identify the class and related classes regardless of the fact. The different words or language may be used to describe the class.

DDC is the example of enumerative classification scheme. An enumerative classification scheme is a

scheme where all the possible classes are enumerated according to certain characteristics. There is a top down approach whereby a series of subordinate classes are produced and where both simple and complex subjects are listed.

Year wise growth of unabridged 15th to 23rd DDC editions

Sr No.	Editions	Year of publication	Total pages of corresponding edition
1	15 <sup>th</sup>	1951	927
2	16 <sup>th</sup>	1958	2439
3	17 <sup>th</sup>	1965	2153
4	18 <sup>th</sup>	1971	2718
5	19 <sup>th</sup>	1979	3385
6	20 <sup>th</sup>	1989	3388
7	21 <sup>st</sup>	1996	4126
8	22 <sup>nd</sup>	2003	4076
9	23 <sup>rd</sup>	2011	4266

Library Classification is related with the arrangement of documents in the library in a manner that the readers are served in the best possible way. Therefore, it requires a detailed

### Scope of the Study

Notation covered from 025 to 025.999 is undertaken for the study.

Class No	DDC Editions									Total no. of terms
	15th	16 <sup>th</sup>	17th	18 <sup>th</sup>	19th	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	
025 to 025.099	01	02	02	02	04	04	04	04	10	<b>33</b>
025.1 to 025.199	11	15	16	15	26	05	05	05	05	<b>104</b>
025.2 to 025.299	03	07	05	05	13	12	12	12	13	<b>72</b>
025.3 to 025.399	06	06	06	06	15	42	41	41	41	<b>204</b>
025.4 to 025.499	02	03	03	04	16	17	17	17	21	<b>96</b>
025.5 to 025.599	01	03	05	05	09	09	09	09	09	<b>59</b>
025.6 to 025.699	01	01	01	01	01	01	01	01	02	<b>10</b>
025.7 to 025.799	01	01	01	01	01	01	01	01	01	<b>09</b>
025.8 to 025.899	01	03	04	04	04	04	04	04	04	<b>32</b>
025.9 to 025.999	00	01	01	01	00	00	00	00	00	<b>3</b>
<b>Total No. of terms</b>	<b>27</b>	<b>42</b>	<b>44</b>	<b>44</b>	<b>89</b>	<b>96</b>	<b>94</b>	<b>94</b>	<b>106</b>	

scheme of classification in which knowledge is divided into a broader perspective, which is again subdivided into subjects or main classes.

### Objectives of the Study

- ❖ To Study Library & Information Science Schedule of Dewey Decimal Classification scheme from 15<sup>th</sup> edition to 23<sup>rd</sup> edition.
- ❖ To Study how the schedule has developed over various editions in respect of LIS terminology as well as notation.
- ❖ To identify the concepts from LIS schedule which became obsolete.
- ❖ To identify the new concepts which have been added to LIS schedule from time to time.
- ❖ To study changes in the notation in these editions.

### Horizontal Analysis of the above table:

025 to 025.099 notations have been developed year by year. There is only one term in the 15<sup>th</sup> ed. Whereas 16<sup>th</sup> to 18<sup>th</sup> edition added one more term as a 'technical process'. 19<sup>th</sup> to 22<sup>nd</sup> edition has four terms and it is increased upto ten in the 23<sup>rd</sup> ed. It also come under 'technical process'.

In class number 025.1 to 025.199, in 15<sup>th</sup> ed it has eleven terms, four terms have been added in the 16<sup>th</sup> ed, one term added again in the 17<sup>th</sup> edition and in 18<sup>th</sup> ed one term was removed. In 19<sup>th</sup> ed they added many new terms upto twenty six but suddenly it decreased to five in the 20<sup>th</sup> ed. Ans remained same five for 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> ed. These terms were introduced as 'Administration' and included all terms.

Notation 025.2 to 025.299 introduced a new term 'Acquisition' in 15<sup>th</sup> ed and its continue upto 18<sup>th</sup> ed. Then they change the term 'acquisition' to 'acquisition and collection development' in the next five consecutive editions i.e. 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> ed. Twelve to Thirteen terminology are available in the same editions.

025.3 to 025.399 notation is also important as the other notations. 'Cataloguing' is covered in this section which has Six terms shown in the 15<sup>th</sup> to 18<sup>th</sup> ed. Nine new terminology has been added in the 19<sup>th</sup> ed whereas twenty seven terms have been added in 20<sup>th</sup> ed which is highest amount of terms introduced in this section. And one terms got removed from 21<sup>st</sup> to 23<sup>rd</sup> editions.

025.4 to 025.499 class number starting

with the term 'classification'. There are two terms in the 15<sup>th</sup> ed, one term has been added in 16<sup>th</sup> and 17<sup>th</sup> ed and one more term added in the 18<sup>th</sup> ed. Total Sixteen terms got assigned in the 19<sup>th</sup> and Seventeen in 20<sup>th</sup> ed to 22<sup>nd</sup> edition. Twenty one terminology seen in the 23<sup>rd</sup> ed. It means new terms has been added in the same.

025.5 to 025.599 notations initiated with 'Reference service' where only one term found in 15<sup>th</sup> ed. It has been added two new terms as 'service to reader' and 'adult reader service' as a sub term of reference service in the 16<sup>th</sup> ed. Five terms has been introduced in the 17<sup>th</sup> and 18<sup>th</sup> ed where Nine terms included in 19<sup>th</sup> to 23<sup>rd</sup> ed which comes under 'services to user'.

025.6 to 025.699 class number continue with only one term that is 'circulation service' from the 15<sup>th</sup> ed to 23<sup>rd</sup> ed. It is the only term that has been introduced in 1951 in 15<sup>th</sup> ed and still continue in 23<sup>rd</sup> edition in 2011 with adding 'interlibrary loan' in notation 025.62.

025.7 to 025.799 have only one term but it has changed time to time. Binding, Repair terms were used in 15<sup>th</sup> edition but in the 16<sup>th</sup> edition we started referring it as 'bookbinding', 'book repair' in. 'Binding and repair services' introduced in the 17<sup>th</sup> and 18<sup>th</sup> edition, again which is

changed in 19<sup>th</sup> to 23<sup>rd</sup> edition as 'physical preparation for storage'.

025.8 to 025.899 class number have one term 'Arrangement, Preservation' in 15<sup>th</sup> edition and it is changed in the 16<sup>th</sup> edition as 'Book arrangement and preservation' with adding two more term 'inventory' and 'preservation'. In the 17<sup>th</sup> and 18<sup>th</sup> edition discovered 'maintenance and preservation collection' with one more term added as 'Arrangement' in the same edition. Two new terms has been added from 19<sup>th</sup> to 23<sup>rd</sup> edition referred as 'Security against theft and other hazards'.

025.9 to 025.999 class obsolete from the 15<sup>th</sup> edition whereas it started one term in 16<sup>th</sup> edition and continue upto 18<sup>th</sup> edition. Again it discontinued from the 19<sup>th</sup> edition till 23<sup>rd</sup> edition.

#### **Vertical Analysis of the above table:**

We can observe that 15<sup>th</sup> edition has one term for 025. to 025.099 and Eleven terms are available in 025.1 to 025.199. It means they covered most of the part of 'Administration'. Class no. 025.2 to 025.499 have covered Three, Six and Two terms respectively. 025.5 to 025.899 added only one term in each hierarchy.

In 16<sup>th</sup> edition has been changed from 'administration' to 'library management and operation' in notation 025. Two terms having in 025 to 025.099 and it is extended upto fifteen in

the next hierarchy i.e. 025.1 to 025.199. Seven terms has introduced in 025.2 to 025.299 while earlier terms were three in the 15<sup>th</sup> edition. Six terms are shown in the 025.3 to 025.399 which is decreased upto three in the next two consecutive hierarchies. Only one term are available in next two sub division i.e. 025.6 to 025.799. Two more terms are added in the 025.8 to 025.899 and introduced new one terms in the next level.

In 17<sup>th</sup> edition has given two terms in 025 to 025.099 and it is expanded till sixteen in the next subdivision. Five terms are shown 025.2 to 025.299 where earlier were seven terms for the same class number. 025.3 to 025.499 having six and three terminologies respectively. Five terms are introduced in the next hierarchies, i.e 025.5 to 025.599. Only one term has been added in 025.6 to 025.799 and it is expanded upto four terms in another level. One term is for 025.9 to 025.999.

Two terms are available in the 18<sup>th</sup> edition which is introduced as 'library operation and technical process' in 025 to 025.099. Fifteen terms added for the term 'administration' in 025.1 to 025.199. Five, Six, Four and Five terminologies has been released in 025.2 to 025.599 and only one terms given in the next level. Four terms allotted to 025.9 to 025.999 in the same edition.

19<sup>th</sup> edition was the most advanced schedule in the 1979 because they introduced so many new terms in the same edition. The term started with the 'library operations' having three

more terms in the class number 025.099, where twenty six terms had in the next hierarchies. It is shows that almost double in compare to earlier editions. And the same situation was available in another four consecutive hierarchy i.e 025.2 to 025.599.

In the 20<sup>th</sup> edition four terms has been taken under the term 'operation of libraries, archives, information centers' in class number 025.0 to 025.099. Five terms has been introduced in the next level and added seven more terms in the 025.2 to 025.299. Forty two terms allotted to the class number 025.3 to 025.399 which is highest number of terms has been added for the same number. One more term included for the 025.4 to 025.499 in 20<sup>th</sup> edition than earlier edition. Nine terms has been introduced for the class number 025.5 to 025.599 and the remaining are same as well as 19<sup>th</sup> edition.

#### **Over all analysis (vertical and horizontal)**

025 to 025.999 have started the term 'administration in the 15<sup>th</sup> edition, total twenty seven terms found in this edition and total forty two terms found in the next edition, it means fifteen terms has been added in the 16<sup>th</sup> edition which was started with the term 'library management and operation'. We have observe that the term administration was given in 1951 and it is changed time to time according to information era. Forty four terminologies added including two new terms in 17<sup>th</sup> and 18<sup>th</sup> edition in compare to

16<sup>th</sup> edition, one is 'to individuals' in 025.542 and 'to group' in 025.543. Both terms are narrower terms of 'reader advisory service.

We have noticed that Eighty Nine terms have been introduced in 19<sup>th</sup> edition which was more than double in compare to previous edition. In the 19<sup>th</sup> and onward edition 025.999 notation have been obsolete. We found that 19<sup>th</sup> edition have so many new terms have been added which is published in 1979. This is the indication of development of schedule for new subject or emerged new terminology in this era.

Total Ninety Five terms have been added in 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> edition for the class number 025 to 025.999. There are six new terms added than earlier edition even the major changes happened in 025.3 to 025.399 in the same editions. Previous edition have fifteen terminologies where it is increased forty two terms and this is the biggest number in all 9 editions from entire 025 class number.

23<sup>rd</sup> edition is the most advanced and updated edition, most of the terminology have been covered in class number 025 to 025.999. for example : websites, search engines, world wide web etc. Total 106 terms are available which is highest number of terms in compare to all over edition in library and information science in the same hierarchy.

Class no	15 <sup>th</sup> ed	16 <sup>th</sup>	17 <sup>th</sup>	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>
025	Administration	Library Management and operations	Library economy	Library operation	Library operation	Operations of libraries, archives, information centers	Operations of libraries, archives, information centers	Operations of libraries, archives, information centers	Operations of libraries, archives, information centers
025.1	Executive and General Management	Administration	Administration	Administration	Administration	Administration	Administration	Administration	Administration
025.2	Acquisitions	Acquisitions	Acquisitions	Acquisitions	Acquisition & Collection development	Acquisition & Collection development	Acquisition & Collection development	Acquisition & Collection development	Acquisition & Collection development
025.3	Cataloguing	Cataloguing	Cataloguing	Cataloguing	Bibliographical analysis and control	Bibliographical analysis and control	Bibliographical analysis and control	Bibliographical analysis and control	Bibliographical analysis and control
025.4	Classification	Classification	Classification	Classification	Subject analysis and control	Subject analysis and control	Subject analysis and control	Subject analysis and control	Subject analysis and control
025.5	Reference service	Services to readers	Services to patrons	Services to patrons	Services to users	Services to users	Services to users	Services to users	Services to users
025.6	Circulations services	Circulations services	Circulations services	Circulations services	Circulations services	Circulations services	Circulations services	Circulations services	Circulations services
025.7	Binding, Repair	Book Binding, Book repair	Binding and repair services	Physical preparation and storage use	Physical preparation and storage use	Physical preparation and storage use	Physical preparation and storage use	Physical preparation and storage use	Physical preparation and storage use
025.8	Arrangements, Preservations	Book arrangement and preservations	Maintenance and preservation of collections	Maintenance and preservation of collections	Maintenance and preservation of collections	Maintenance and preservation of collections	Maintenance and preservation of collections	Maintenance and preservation of collections	Maintenance and preservation of collections
025.9	--	Janitorial and maintenance service	Maintenance of physical plants	Maintenance of physical plants	(class in 022) number discontinue	--	--	--	--

**Methodology**

Schedule from 15<sup>th</sup> revised edition which was published in 1952 to 23<sup>rd</sup> edition in 2011 has been studied

- The portion was specially selected for the study because it is the longest schedule of library and information science.
- A systematic methodology is required for undertaking scientific research work.
- Data collection for this study is mainly based on availability of DDC volumes for

library science.

- The research papers, articles published in various journals, proceedings, online and offline sources has been used for the study.

Two examples given for a drastically changes happened in these two class numbers.

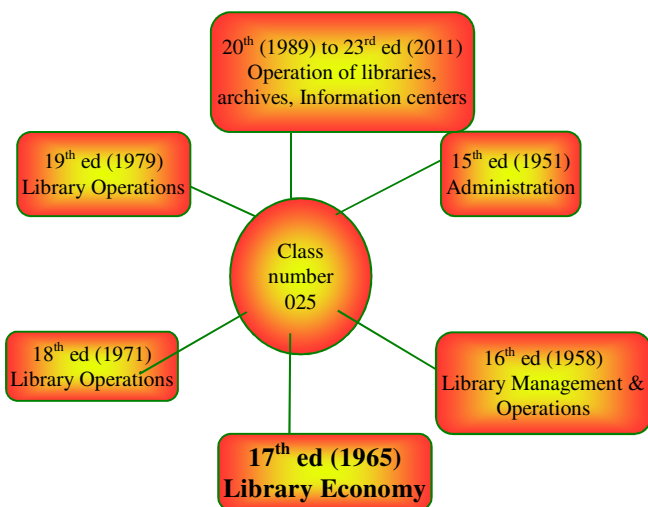
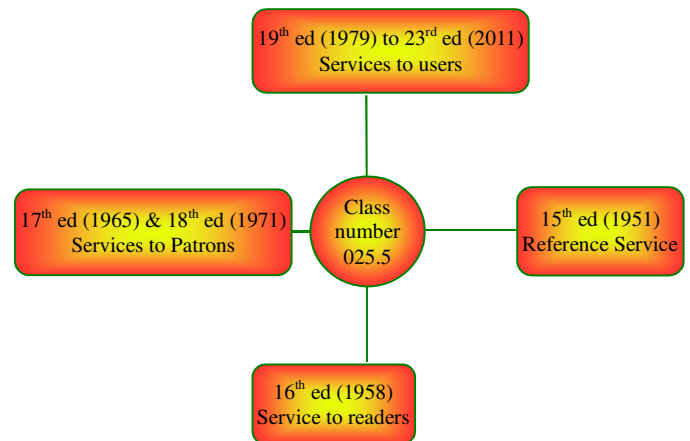


Figure 1.1

The above figure 1.1 is shows that edition wise changes has been occurred.

The first and noticeable change is class number 025 changing its title edition wise. For example: In the 15<sup>th</sup> rev. ed (1952) the title is 'Administration' which 16<sup>th</sup> ed (1958) followed by 'Library Management and Operations' again its change to 'Library economy' in 17<sup>th</sup> ed (1965). 'Library operations' is term set for 18<sup>th</sup> (1971) and 19<sup>th</sup> (1979). 'Archives and information centres' have been accommodated in 20<sup>th</sup> to 23<sup>rd</sup> editions in additions to Operations of libraries.



The above figure 1.2 is shows that edition wise changes has been occurred in terminologies

Class number 025.5 changing its terms edition wise. For example: In the 15<sup>th</sup> ed (1951) the term is 'Reference service' which is 16<sup>th</sup> ed (1958) accommodated with 'Service to readers' again its change to 'Services to patrons' in 17<sup>th</sup> ed (1965) & 18<sup>th</sup> ed (1971). 'Services to users' is a term set for 19<sup>th</sup> (1979) and 23<sup>rd</sup> (2011).

**Observations**

025 was ‘Administration’ in 15th edition, which was reframed as ‘Library management and operation’ in the 16th edition. in 17th edition it was renamed as ‘Library economy’, which again was changed as ‘Library operations’ in 18<sup>th</sup> edition that continued for 19<sup>th</sup> edition too. From 20<sup>th</sup> onward it was termed as 'operations of libraries,archives and information centers'

'Administration' term has become a part of(025.1) from 17<sup>th</sup> edition onward and wider term is operation of libraries, achieves and information centers which still prevalent today

has been used, Achieves and information centers were adapted from 20<sup>th</sup> edition onward.

025.02 to 025.078 has five subdivision. 025.01, 025.03, 025.05, 025.08, 025.09 are still unassigned. 025.02 was allotted to technical process in 17<sup>th</sup> edition which unchanged till 23<sup>rd</sup> edition. Concept of information storage and retrieval was added first time in 19<sup>th</sup> edition to 025.04 which narrower terms were assigned in the latest edition i.e. 23<sup>rd</sup>. Concept of www, websites, search engines and semantic web became part of ISRS. In the 19<sup>th</sup> edition itself 'ISRS devoted to specific subjects' was assigned with the class number 025.06 its a narrower term 'Geography and travel' was added in 23<sup>rd</sup> edition. 025.078 was the class number for 'Instruments and apparatus' which open only in 16<sup>th</sup> edition. Since then this number is not allotted to any term.

025.1 is been assigned to 'Executive and general management' in 16<sup>th</sup> edition which was renamed as 'Administration' from 17<sup>th</sup> edition onward. 025.1 has six subdivision, 025.13, 025.14, 025.16 are not allotted. 025.11 is the 'finance' since 15<sup>th</sup> edition and is unchanged till 23<sup>rd</sup> edition.

025.12 was assigned to 'Printing and Publication' from 15<sup>th</sup> to 19<sup>th</sup> edition which was re-termed as 'Duplication services'(Reprography) from 20<sup>th</sup> edition onward. 'Printing and publication' as 'Duplication process in library' as narrower term from 15<sup>th</sup> to 19<sup>th</sup> edition. This class number was discontinued from 19<sup>th</sup> edition as it replaced the 'concept of printing and publication'

from 20<sup>th</sup> edition onward. 025.15 was allotted to term 'correspondence' only in 16<sup>th</sup> edition.

025.17 is been assigned to 'treatment of special materials' from 15<sup>th</sup> to 19<sup>th</sup> edition, which was renamed as 'administration of collection of special materials' in 20<sup>th</sup> edition onward. 025.171 has three subdivisions, 025.171.2, 025.171.4, 025.171.6 are not allotted any term till 18<sup>th</sup> edition, then it assigned same class number in the 19<sup>th</sup> edition as 'manuscript, archival materials and Rarities. 025.172 has been assigned to 'pamphlets' in the 15<sup>th</sup> and 16<sup>th</sup> editions and changed to 'vertical files' in the 17<sup>th</sup> edition which was added two more term as 'clippings, broadsides' in the 18<sup>th</sup> and 19<sup>th</sup> edition. This class numbers was discontinue from the 20<sup>th</sup> edition onward because it comes under broader term 'administration of collection of special materials.

025.173 also have three subdivisions, 025.173.2, 025.173.4, 025.173.6 are not allotted any term till 18<sup>th</sup> edition. 025.173 was allotted to 'Serials, Documents' in two consecutive editions i.e. 15<sup>th</sup> & 16<sup>th</sup>. The term 'report literature' has been added in 17<sup>th</sup> edition, also renamed documents to government publication in 19<sup>th</sup> edition and all got unassigned from the 20<sup>th</sup> edition onward.

025.174 has assigned term 'Broadsides' only in the 16<sup>th</sup> edition. 025.176 has been framed to 'map' in the 15<sup>th</sup> edition and added 'charts' in 16<sup>th</sup> edition also assigned new term 'globe' in the 17<sup>th</sup> to 19<sup>th</sup> edition. The class got discontinued from 20<sup>th</sup> edition



025.177 has been adapted to 'art materials' in the 15<sup>th</sup> edition, which was renamed as 'audio visual materials' from 16<sup>th</sup> to 18<sup>th</sup> edition and again it is re-termed as ' pictures and materials for projection' from 20<sup>th</sup> edition. The term 'art materials' is subdivision of 'audio visual materials' become narrower term in 17<sup>th</sup> edition of class 025.177.1, and it is changed to 'pictures and prints' in the next two consecutive editions. The term 'films and slides has assigned in the 17<sup>th</sup> and 18<sup>th</sup> edition of class 025.177.3 and reframed as 'motion pictures, filmstrip & slides' in the 19<sup>th</sup> edition. 025.177 got discontinued from 20<sup>th</sup> edition.

025.178 has been assigned the term 'music' in the 15<sup>th</sup> & 16<sup>th</sup> editions and added 'recorded and music scores' in the 17<sup>th</sup> and 18<sup>th</sup> editions, it has two subdivision i.e., 025.178.2 & 025.178.4. It assigned 'sound recording & music score in 19<sup>th</sup> edition.

025.179 has been allotted the term 'other special material' from 15<sup>th</sup> to 19<sup>th</sup> editions with adding three subdivisions as 025.179.2 assigned term 'book in raised character' in 17<sup>th</sup> to 19<sup>th</sup> editions and two more subdivision 025.179.4 & 025.171.6 are assigned to 'microform' and 'games, models, media, kits' respectively in the 19<sup>th</sup> edition only.

Class number 025.17 has been added twenty three subdivisions in the 15<sup>th</sup> to 19<sup>th</sup> editions and re-framed entire 025.17 into one division namely 'administration of collection of special materials' in 20<sup>th</sup> edition onward.

025.19 has been introduced from the 19<sup>th</sup> edition to 23<sup>rd</sup> edition for the term 'administration of special types of institutions'.

025.2 has been assigned to 'Acquisitions' from 15<sup>th</sup> to 18<sup>th</sup> ed which was renamed as 'Acquisition and collection development' from 19<sup>th</sup> edition onwards. It means collections development started in 1979 in library science and continue upto 23<sup>rd</sup> edition.

The term 'book selection process' and 'method of acquisition' has been given to class number 025.21 and 025.22 in 15<sup>th</sup> and 16<sup>th</sup> editions. 025.213 has been allotted the term 'censorship' from 19<sup>th</sup> edition onwards, similarly 025.216 assigned to 'weeding'. 025.218 assigned to 'selection in specific type of libraries' in 19<sup>th</sup> edition, it changed to 'collection development in specific types of institutions' in 20<sup>th</sup> edition onward, which are narrower terminologies of 'book selection process'.

025.23 has been termed 'ordering and receiving' in 16<sup>th</sup> edition and re-named as a 'order work' in 17<sup>th</sup> and 18<sup>th</sup> edition, which was changed to 'acquisition through purchase' in 19<sup>th</sup> to 23<sup>rd</sup> editions. 025.23 has two subdivision, first one is 025.233 which was started from 19<sup>th</sup> edition and termed as 'library relation with vendors' it removed the word 'library' and set it as 'relation with vendors' in 20<sup>th</sup> edition onward and second one is 025.236 allocated the term 'clerical operations' from 19<sup>th</sup> to 23<sup>rd</sup> editions.

025.24 has been set a term 'accessioning' in 17<sup>th</sup> edition which was discontinued from 18<sup>th</sup> edition ahead.

025.25 has been allotted to 'ownership marks and physical preparation for shelves' in 16<sup>th</sup> edition, where it has been changed to 'physical preparation for shelves' in 17<sup>th</sup> edition, and it become 'physical preparation for storage' in 18<sup>th</sup> and 19<sup>th</sup> editions, which is discontinued the same term and shifted to 025.7.

025.26 has been given a term 'exchange and gift work' from 16<sup>th</sup> to 18<sup>th</sup> editions and it is re-termed as a ' acquisition through exchange, gift, deposit' in 19<sup>th</sup> edition to 23<sup>rd</sup> edition.

025.27 class number has allocated to the 'selection and acquisition of materials on specific subjects' in 19<sup>th</sup> edition, where it has been added the word 'collection development' and term represent as ' collection development and acquisition of materials on specific disciplines and subjects' in 20<sup>th</sup> edition, which again was changed to 'acquisition of and collection development for materials on specific subjects' in 21<sup>st</sup> edition onward.

025.28 has been assigned to 'selection and acquisition of materials in special forms in 19<sup>th</sup> edition and re-framed it as 'collection development for and acquisition of materials in special forms' in 20<sup>th</sup> edition. 'Acquisition of and collection development for materials on specific forms' term given in 21<sup>st</sup> to 23<sup>rd</sup> editions. It has one subdivision with class numbered 025.284.4 which has introduced a new term as a 'selection and acquisition of materials from various specific

places in 19<sup>th</sup> edition, which was discontinued from 20<sup>th</sup> to 22<sup>nd</sup> editions and again renamed as 'acquisition of and collection development for archival materials' in 23<sup>rd</sup> edition.

025.29 has been set a term 'acquisition of special materials' in 16<sup>th</sup> edition, which was removed from the 17<sup>th</sup> to 19<sup>th</sup> edition, and referred as 'collection development for and acquisition of materials from geographic areas' in 20<sup>th</sup> editions onward.

025.3 have forty five subdivisions. The term 'cataloguing' has been adopted in 025.3, which was assigned for the 15<sup>th</sup> to 18<sup>th</sup> edition and it has changed to 'bibliographic analysis and control' from the 19<sup>th</sup> to 23<sup>rd</sup> edition. It has been observe that the use of computer application was growing in library and added in 20<sup>th</sup> edition, which was published in 1996. And that is why they added the term 'application of computer data representation, record format, preparation etc.

025.302.85 has been given a term 'data processing and computer application' in 21<sup>st</sup> edition, whereas class number 025.302.855.72 assigned in 20<sup>th</sup> edition to the same subjects. It means subdivision has been taken before its earlier hierarchies. The term 'application of computer data files and databases' are added in 025.302.855.74 in from 20<sup>th</sup> to 22<sup>nd</sup> edition, which is reframed as 'data files and databases' in the next edition. 025.302.855.74 has two subdivision, which starting from 21<sup>st</sup> editions and termed as application of file organization and access method', it got renamed in 23<sup>rd</sup> edition as 'file organization and access method' in class number

025.302.855.741 and the term 'application of computer sorting' in class number 025.302.855.748.

025.31 class started from the 19<sup>th</sup> edition onward with the term 'The catalog' where earlier it was allotted in 025.3 in 15<sup>th</sup> to 18<sup>th</sup> edition. The term 'form' newly added which is narrower term of 'the catalog', there was extended the hierarchies of 025.313 to 025.313.2, which is assigned to 'online catalogs' in 20<sup>th</sup> to 23<sup>rd</sup> edition.

The Terminology 'Machine-readable catalog record format' brings in 20<sup>th</sup> edition onward and allocate to 025.316 to understand the cataloging records format to the classifier. 025.317 has been given the term 'maintenance' in 19<sup>th</sup> edition and adding the word 'conversion' in the next edition i.e 20<sup>th</sup> edition ahead, term became a 'conversion and maintenance'. It has two narrower term and framed as 'retrospective conversion' and the second one is as 'filing' with notations 025.317.3 and 025.317.7 for the same editions.

025.32 has been allocated to the 'rules' in 15<sup>th</sup> edition, which is re-termed as a 'cataloging rules' in the next edition, it again was changed to 'descriptive cataloging' in 17<sup>th</sup> to 23<sup>rd</sup> editions. 025.322 was allotted to 'choice of entry and forms of heading' from the 19<sup>th</sup> edition onward and added one narrower term as 'name and title authority file' where it was discontinued for 21<sup>st</sup> and 22<sup>nd</sup> edition, it again was brought in 23<sup>rd</sup> edition as a 'authority file'. The term 'bibliographic description' has been given to 025.324, which comes under 'descriptive cataloging'.

025.33 was allotted to the term 'subject heading' in 15<sup>th</sup> and 16<sup>th</sup> edition and renamed as a 'subject cataloging' in 17<sup>th</sup> to 19<sup>th</sup> editions, which was shifted from 025.33 to 025.47 in 20<sup>th</sup> edition onward.

025.34 has been given to 'cataloging of special materials' in 15<sup>th</sup> to 18<sup>th</sup> editions, then it added the term 'classification' and 'indexing' and renamed as 'cataloging, classification, indexing of special materials' from 19<sup>th</sup> edition onward. There are so many new terminologies has been introduced from the 20<sup>th</sup> to 23<sup>rd</sup> editions for the same class number, which have listed below.

025.341 Manuscript, archival materials, Rarities

.341.2 Manuscript

.341.4 Archival materials

.341.6 Rarities

.342 Clippings, broadsides, pamphlets

.343 Serials, government publications, report literature

.343.2 Serials

.343.4 Government publications

.343.6 Report literature

.344 Machine-readable materials

The term 'machine-readable materials' has been introduced in 20<sup>th</sup> editions but it was discontinued for two consecutive editions i.e 21<sup>st</sup> and 22<sup>nd</sup> and again it was brought in 23<sup>rd</sup> editions as a 'electronic resources for the same class number.

- 025.346 Maps, atlases, globes
- .347 Picture and materials for projection
  - .347.1 Pictures and prints
  - .347.3 Motion pictures, slides video recordings
- .348 Sound recording and music score
  - .348.2 Sound recordings
  - .348.8 Music scores
- .349 Other special materials
  - .349.2 Publications and raised characters
  - .349.4 Microforms
  - .349.6 Games, Media, Kits, Models, toys

It has been observed that most of the terminologies were newly introduced from the 20<sup>th</sup> edition onward.

025.35 has started with the 'cooperative efforts' in 15<sup>th</sup> edition, which renamed as 'cooperative cataloging' till 18<sup>th</sup> edition and added 'classification' in 19<sup>th</sup> edition and again it is changed as 'cooperative cataloging, classification and indexing from 20<sup>th</sup> to 23<sup>rd</sup> edition.

025.37 has been assigned to 'filing' in the 15<sup>th</sup> to 18<sup>th</sup> edition and it has been shifted to 025.317 from 19<sup>th</sup> edition onward.

025.39 has two subdivision, which are 025.393 and 025.396 with the term 'recataloging and reclassification'. 025.39 has the term 'recataloging' in 18<sup>th</sup> edition and added reindexing in 19<sup>th</sup> edition ahead. The term 'recataloging' shifted to subdivision i.e. 025.393 from 19<sup>th</sup>

edition to 22 edition also for 025.396 it remain 'reclassification' same terms discontinue in 23<sup>rd</sup> edition for both subdivisions.

025.4 has been allotted to 'classification' til 18<sup>th</sup> edition and changed to 'subject analysis and control' form 19<sup>th</sup> to 23<sup>rd</sup> edition. 025.402.8 assigned to the term 'techniques and procedures apparatus, equipment, materials in 19<sup>th</sup> edition and added with 'abstracting techniques; auxiliary techniques in 20<sup>th</sup> edition also discontinue 'abstracting techniques' in the next editions i.e 21<sup>st</sup>. It is introduced separately with new class number 025.41 in the 23<sup>rd</sup> edition. It has been newly assigned the term 'computer application' and 'natural language processing' under the abstracting.

025.42 assigned a term 'classification' in 19<sup>th</sup> edition, which was already assigned to class 025.4 from 15<sup>th</sup> to 18<sup>th</sup> edition. 025.428 introduced a new term 'shelflisting' in 20<sup>th</sup> edition and 23<sup>rd</sup> edition, but it was discontinue in 21<sup>st</sup> and 22<sup>nd</sup> edition.

025.43 has five subdivision 025.431,025.432,025.433,025.434,025.435. The term 'classification schedule' given in the 16<sup>th</sup> edition, it has been changed to 'general classification schedule' in 17<sup>th</sup> and 18<sup>th</sup> edition, then has renamed as 'general classification system' from 19<sup>th</sup> edition onward. It has observed that classification system introduced from 19<sup>th</sup> edition

with name like DDC, UDC, LCC. CC etc. earlier it came under general classification system.

025.46 has assigned to 'classification of special subject' till 17<sup>th</sup> edition and added 'disciplines' and reframed it as 'classification of specific disciplines and subject' from 18<sup>th</sup> to 20<sup>th</sup> ed. It has been removed from 21<sup>st</sup> to 22<sup>nd</sup> edition, surprisingly again it started with the term 'classification of specific subject' in 23<sup>rd</sup> edition.

025.47 introduced the term 'subject cataloging' from 19<sup>th</sup> to 22<sup>nd</sup> edition and renamed as 'subject indexing and cataloging in 23<sup>rd</sup> edition.

'Subject indexing' term earlier was in 025.48 class, it was inherited from class 025.47 23<sup>rd</sup> edition and the same term changed to 'subject cataloging and indexing schemes in specific language' in same edition.

Schemes of indexing systems expanded in next hierarchy and produced the term as 'precoordinate' 025.482 renamed as 'coordinate and postcoordinate' for 025.484 from 19<sup>th</sup> to 23<sup>rd</sup> edition. The term 'title manipulation' added for 025.486 in 19<sup>th</sup> to 22<sup>nd</sup> edition and it has been changed as a 'full-text indexing' in 23<sup>rd</sup> edition. Newly produced a term 'tagging' in 23<sup>rd</sup> edition for 025.487, which is narrower term of 'subject cataloging and indexing schemes in specific language'.

025.49 class number assigned 'reclassification' in 18<sup>th</sup> ed. And replaced with 'controlled subject vocabularies' in 19<sup>th</sup> to 22<sup>nd</sup> ed. Again it has changed to 'subject cataloging and indexing of specific subject in 23<sup>rd</sup> edition.

025.5 has been given a term 'reference service' in 15<sup>th</sup> ed., which was reframed as services to readers' in 16<sup>th</sup> ed. In 17<sup>th</sup> and 18<sup>th</sup> ed. it was renamed as 'service to patrons', which again changed as 'services to user' from 19<sup>th</sup> ed onward. 'Reference service' became a narrower term of 'services to readers' whereas earlier it was broader term.

In class 025.52 introduced the term 'reference service' for 16<sup>th</sup> and 17<sup>th</sup> edition , which has been changed in 18<sup>th</sup> ed onward as a 'reference and information services. The word 'information' came from the 18<sup>th</sup> ed in library science schedule. It shows that the importance of information understand form the 1971 in library science.

025.523 has been allotted to 'cooperative information services', 025.524 was assigned to 'information search and retrieval', 025.525 assigned to 'selective dissemination of information' and 025.527 class number given to 'reference and information services in specific types of libraries. It noticed that from 19<sup>th</sup> to 23<sup>rd</sup> ed are same terminologies allotted to the respective class number as given in the above paragraph.

025.54 assigned 'adult reader service' in the 16<sup>th</sup> ed and reframed it as a 'reader advisory services' in the next two consecutive edition has two subdivision in the same editions, one is for 'to individuals' and other one is 'to group' in the class number 025.542 and 025.543 respectively. Again it has merged into 025.54 and set the term as 'reader advisory services to individuals and group' from 19<sup>th</sup> to 23<sup>rd</sup> ed.

025.56 has been assigned the term 'library orientation' in 19<sup>th</sup> ed and renamed as 'bibliographic instruction for users' from 20<sup>th</sup> ed onward. 025.58 has been allotted to 'library user studies' from 19<sup>th</sup> ed. till 23<sup>rd</sup> edition

025.6 is the only class number has nothing changed in the 15<sup>th</sup> to 23<sup>rd</sup> ed, which was termed as 'circulation services'. The term 'Interlibrary loan' has been added from 19<sup>th</sup> to 23<sup>rd</sup> ed for class number 025.62.

025.7 class number allocated to 'binding and repair' in 15<sup>th</sup> ed, it was renamed as 'book binding and book repair' in the next edition, once again it has been renamed as 'binding and repair services' in 17<sup>th</sup> and 18<sup>th</sup> ed, which again was replaced with a 'physical preparation for storage' in 19<sup>th</sup> ed. and reframed with minor changes in earlier term and set it as 'physical preparation and storage use' in 20<sup>th</sup> edition onward.

The term 'arrangement, preservation' comes under 025.8 in the 15<sup>th</sup> ed and 'book arrangement and preservation' in the next edition, which was re-termed as 'maintenance and preservation of collection' from the 17<sup>th</sup> ed onward. 025.8 has

three subdivisions which are divided into 025.81, 025.82 and 025.84. The term 'arrangement' assigned to 025.81 in 17<sup>th</sup> and 18<sup>th</sup> ed where earlier it was in 025.8 in the 15<sup>th</sup> ed. It has been replaced with the 'physical arrangement and access to collection' in 19<sup>th</sup> ed onward. Same thing happened with 025.82 as 'inventory' available in three editions i.e 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> ed, where it has been changed as a 'security against theft and other hazards' from 19<sup>th</sup> ed onward. The term 'preservation' has been given in 025.84 from 16<sup>th</sup> to 18<sup>th</sup> ed and removed from 19<sup>th</sup> to 22<sup>nd</sup> ed, which was again added in 23<sup>rd</sup> edition. It seems like we need the terminologies when we classify the book and that is why they added.

025.9 has three term that is 'janitorial and maintenance service' in 16<sup>th</sup> ed and 'maintenance of physical plant' in 17<sup>th</sup> and 18<sup>th</sup> ed which was removed from 19<sup>th</sup> ed onward.

### Conclusion

The classification experts spend most of the time to analysis and finding suitable and appropriate class number to the subject. The above study shows that time to time need to change the subject priorities according to universe of knowledge. OCLC and DC Editorial Policy Committee and the European Dewey Users Group (EDUG) in keeping the DDC update. But we need to expand more and more terminologies where classifier get easy to use perfect class number to the subject.

### References:

1. Dewey, M. (1952). *Dewey decimal classification and relative index* (15 Rev. ed.). Lake Placid Club, NY: Forest Press.
2. Dewey, M. (1958). *Dewey decimal classification and relative index* (16th ed.). Lake Placid Club, NY: Forest Press.
3. Dewey, M. (1965). *Dewey decimal classification and relative index* (17<sup>th</sup> ed.). Lake Placid Club, NY: Forest Press.
4. Dewey, M. (1971). *Dewey decimal classification and relative index*.(18th ed., Vol. 2). Lake Placid Club, NY: Forest Press.
5. Dewey, M., & Custer, B. A. (1979). *Decimal classification and relative index* (19th ed., Vol. 2). Albany, NY.: Forest Press.
6. Dewey, M. (Ed.). (1989). *Dewey decimal classification and relative index* (20th ed., Vol. 2). New York: Forest Press
7. Dewey, M. (Ed.). (1996). *Dewey decimal classification. Vol. 2: schedules 000-599* (21st ed., Vol. 2). Place of publication not identified: Forest Press.
8. Dewey, M., & Mitchell, J. S. (2003). *Dewey decimal classification and relative index* (22nd ed., Vol. 2). Dublin (Ohio): OCLC, Online Computer Library Center.
9. Dewey, M., & Mitchell, J. S. (2011). *Dewey decimal classification and relative index* (23rd ed., Vol. 2). Dublin, OH: OCLC Online Computer Library Center, Inc.
10. Satija, M.P. (2013). Briefs on the 19<sup>th</sup> (1979) to the 23<sup>rd</sup> Edition (2011) of Dewey Decimal Classification (Vol. 33, No.4) pp. 277-288
11. Gulati, D. (2014, December 26). LIBRARY CLASSIFICATION SCHEMES: AN OVERVIEW 3 ... Retrieved October 25, 2017, from 1) [http://shodhganga.inflibnet.ac.in/bitstream/10603/31769/10/10\\_chapter%203.pdf](http://shodhganga.inflibnet.ac.in/bitstream/10603/31769/10/10_chapter%203.pdf)