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## **SUMMARY OF THE WORK AND ACHIEVEMENTS OF SHIYALI RAMAMRITAM RANGANATHAN**

The contents are arranged under the following 18 headings.

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### **1. SUMMARY OF CHIEF EVENTS**

- 1924 Designed the Colon Classification
- 1925 Trial of Colon Classification with the printed catalogue of the Madras University Library and the Ship Library on board SS Dumana (June-July)
- 1928 Formulated the Five Laws of Library Science
- 1929 Started the School of Librarianship of the Madras Library Association
- 1931 Started the School of Library Science at the University of Madras(April)
  - Duration as Certificate Course 1931-1937
  - Duration as Diploma Course 1937-1960
  - Duration as Degree Course 1961-
- 1934 Designed the Classified Catalog Code
- 1938 Designed Chain Indexing
- 1950 Designed Facet Analysis
- 1956 Founded Annals of Library Science
  - Classification of Library Management
- 1957 Founded the Sarada Ranganathan Chair of Library Science, University of Madras

- 1961 Founded the Sarada Ranganathan Endowment for Library Science
- 1963 Developed the Dynamic Theory of Library Classification
- 1964- Editor of *Library Science with a Slant to Documentation*; author of 53 books and about 1200 articles on library science

## **ENDOWMENTS**

- 1934 Edward B. Ross Studentship, Madras Christian College
- 1956 Sarada Ranganathan Chair of Library Science, University of Madras
- 1958 Sarada Ranganathan Prize for Mathematics, Government College, Mangalore
- 1958 Sarada Ranganathan Merit Prize, Sanskrit College, Sriperumbudur
- 1959 Sarada Ranganathan Merit Prize, High School, Ujjain
- 1961 Sarada Ranganathan Endowment for Library Science, incorporated with the Treasurer for Charitable Endowments in India

## **HONORS/AWARDS**

- 1935 Rao Sahib, Government of India
- 1948 D. Litt. (Honoris causa), Delhi University
- 1951 Honorary Fellow, Virginia Bibliographic Society
- 1954 Patron, Delhi Library Association
- 1956 Honorary Member, Indian Association of Special Libraries and Information Centers
- 1957 Padmashree, Government of India
- Honorary Vice-President, Library Association (London)
- Honorary Fellow, International Federation for Documentation

1962 Founder-Patron, Mysore Library Association, Bangalore

Two-volume Ranganathan *Festschrift*

Volume 1: Kaula, P. N., *Library Science Today*, 1966 (Asia Publishing House, Bombay)

Volume 2: Das Gupta, A. K., *Essay in Personal Bibliography*, 1967 (Asia Publishing House, Bombay)

1964 D. Litt. (Honoris causa), University of Pittsburgh, U.S.A.

1965 National Research Professor for Library Science (Government of India)

1967 Honorary Fellow, Indian Standards Institution

1970 Margaret Mann Award (American Library Association)

1971 Grand Knight of Peace (Mark Twain Society, U.S.A.)

## **0. FAMILY**

1892 Born August 9 at Shiyali, Tanjavoor District, Madras State

Family home: Ubhayavedanthapuram, Tanjavoor District (India)

Father: N. Ramamrita Ayyar, landlord (1866-1898)

Mother: Seethalakshmi (1872-1953)

1907 Married Rukmini (1896-1928), July

1929 Married Sarada (1908-1985), November

1932 Son, Yogeshwar, born April 12

## **EDUCATION**

1897-1908 Sabhanayaka Mudaliar's Hindu High School, Shiyali

1909 Matriculation

1909-1916 College Education, Madras Christian College

1913 B.A. degree

1916 M.A. degree

1916-1917 Professional Education, Teachers' College, Saidapet, Madras

1917 L.T. degree, Secretary of the Mathematics Association of the College

1924-1925 School of Librarianship, University College of London

Honors Certificate

Practical work experience in the Croydon Public Library under W. C. Berwick Sayers

## EMPLOYMENT

- 1919-1920 Assistant lecturer in Mathematics, Government College, Mangalore  
Founded the Mathematics and Science Association of the College
- 1920 Assistant lecturer in Mathematics, Government College, Coimbatore
- 1921 Assistant lecturer in Mathematics, Government College, Mangalore  
Assistant professor in Mathematics, Presidency College, Madras
- 1922-1923 Secretary of the Lunch Club, Presidency College, Madras  
Secretary, Mathematics and Science Section, Madras Teachers' Guild
- 1923 University Lectures on the Theory of Groups (Madras)
- 1924-1944 First University Librarian of the University of Madras
- 1924-1925 School of Librarianship, University College, London  
Apprenticeship in the Croydon Public Libraries under W.C. Berwick Sayers
- 1924 Design of Colon Classification begun in November
- 1945-1947 University Librarian and Professor of Library Science, Banaras Hindu University, Varanasi

## HONORARY WORK

- 1928 Vacation lecturer in laws of library science, University of Madras (at Chidambaram)
- 1928-1933 Lecturer on school library work, Teachers' College, Saidapet, Madras
- 1929-1944 Professor in library science, University of Madras
- 1933-1937 Vacation lecturer on school library work, University of Madras
- 1944 Visiting lecturer in library classification, University of Bombay
- 1945-1947 Professor in library science, Banaras Hindu University, Varanasi
- 1948 Member of the faculty, UNESCO International School for Public Librarianship, Manchester
- 1949-1955 Professor in library science, University of Delhi
- 1956 Visiting lecturer of library schools, United Kingdom
- 1957-1959 Visiting professor in library science, Vikram University, Ujjain
- 1958 Visiting lecturer of library schools, United States of America, Canada, and Japan
- 1962 Honorary professor, Documentation Research and Training Centre, Bangalore

1963 Visiting lecturer of library schools, University of Pittsburgh

### **LIBRARY DEVELOPMENT PLANS (unpublished)**

1942 University of Delhi

1946 Library development plan for India

1946 University of Allahabad University of Nagpur

1947 Forest Research Institute, Dehra Dun  
Indian Institute of Science, Bangalore

1948 University of Bombay  
Parliament Library, Delhi

1956 University of Mysore

1957 All-India Institute of Medical Sciences, Delhi

1959 Scientific and Technical Information Centre for the Third Plan Period, a draft for the  
Planning Commission

1964 National Aeronautical Laboratory, Bangalore  
Mysore Legislature

1966 All-India Institute of Mental Health, Bangalore  
Library Building and Development Plan for the Parliament Library, Delhi

*Note:* For published library development plans, see Sec. XVII, Books Published.

### **LIBRARY BILLS AND DEVELOPMENT PLANS (unpublished)**

1931 Bengal

1936 Drafted the First Library Bill for Madras

1946 Central Provinces and Berar

1947 Cochin  
Travancore

*Note:* For published library bills and development plans, see Sec. XVII, Books Published.

### **COMMITTEE WORK WITHIN INDIA**

1930-1944 Member, Academic Council, Madras University

1933-1935 Member, Imperial Library Committee

1942-1947 Member, Board of Management, Beasant School, Kashi

1947-1966 Chairman, Documentation (Sectional) Committee, Indian Standards Institution,  
New Delhi

1948-1963 Member, Adult Education Council, Delhi Municipality

- 1948 Member, Committee on National Central Library
- 1948-1951 Member, National Library Committee
- 1958-1960 Chairman, Library Buildings, Fittings, and Furniture Committee, Indian Standards Institution, New Delhi
- 1958-1959 Chairman, Library Committee, University Grants Commission
- 1959-1961 Member, Banaras Hindu University Court, Varanasi
- 1959 Consultant on Library Development Plan, Kerala State
- Chairman, Board of Studies in Library Science, University of Madras
- 1960 Chairman, Review Committee on Library Science, University Grants Commission
- Chairman, Library Science Courses Committee, University of Madras
- Chairman, Expert Committee on Library Science, Banaras Hindu University
- Member, Board of Studies in Library Science, Osmania University
- Member, Board of Studies in Library Science, Utkal University
- Chairman, Committee for Library Science Course, University of Mysore
- 1961-1963 Chairman, Committee to Draft the Library Bill for Mysore State
- 1962 Chairman, Board of Studies in Library Science, University of Kerala
- 1965 Member, Academic Council, Bangalore University
- Member, Gandhi Centenary Bibliographic Committee
- 1966 Member, Nehru Memorial Museum and Library Society
- 1967 Member, Executive Council, Publication and Information Directorate, CSIR, New Delhi
- Member, Executive Council, INSDOC
- 1968 Chairman, Tanjavur Sarfoji Maharaja Saraswati Mahal Library Committee
- Member, Government of India Committee on Development of Libraries

#### **COMMITTEE WORK OUTSIDE OF INDIA**

- 1948 Member, International Committee of Library Experts, United Nations
- 1949 Negotiated with UNESCO for the establishment of the Delhi Public Library as a pilot project
- 1950 Negotiated with UNESCO for the establishment of INSDOC
- Consultant, UNESCO, for preparing the place of machines in literature search
- 1951-1961 Rapporteur-general, FID/CA (Committee on General Theory of Classification of the International Federation for Documentation)
- 1951-1953 Member, International Advisory Committee on Bibliography of UNESCO
- 1963- Honorary Chairman, FID/CR (Committee on Classification Research of the International Federation for Documentation)

## CONFERENCES WITHIN INDIA

- 1916 Delegate, First Indian Mathematical Conference, Madras
- 1919 Delegate, Second Indian Mathematical Conference, Bombay
- 1926 President, Pudukkotta Library Conference
- 1927 Local Secretary, All-India Public Library Conference, Madras
- 1928 Delegate, South India Educational Conference
- 1930 Secretary, Library Service Section of All-Asia Educational Conference, Banaras
- 1931 Opened the first traveling library of Madras at Mannargudi
- 1933 Delegate, First All-India Library Conference, Calcutta
- 1934 President, Tirunelveli District Library Conference
- 1942 Inaugurated the Twenty-Fourth Andhra Desa Library Conference, Hindupur  
Delegate, Fifth All-India Library Conference, Bombay
- 1944 Delegate, Sixth All-India Library Conference, Jaipur  
President, Malabar Elementary Educational Conference
- 1946 Delegate, Seventh All-India Library Conference, Baroda  
President, First Library Conference of Central Provinces and Berar
- 1947 Inaugurated the First Travancore Library Conference, Kottayam
- 1948 President, All-India Adult Educational Conference, Mysore
- 1949 President, Eighth All-India Library Conference, Nagpur
- 1950 President, Gwalior Library Conference
- 1951 Delegate, Ninth All-India Library Conference, Indore
- 1952 President, Conference of Local Library Authorities of Andhra Pradesh,  
Patamatalanka
- 1953 Secretary, Seminar on Literature for Neo-Literates, Okhia, Delhi  
Silver Jubilee Conference, Madras Library Association  
Delegate, Tenth All-India Library Conference, Hyderabad
- 1954 President, First Hyderabad Library Conference
- 1957 Delegate, Seminary on Productivity Drive, Government of India, New Delhi  
President, Delhi Library Association Conference on Library Movement in India,  
New Delhi  
President, Documentation Section, Indian Standards Convention, Madras
- 1958 President, Madhya Pradesh Library Conference, Bhopal
- 1959 Director, Seminar on Social Science Research and Libraries, New Delhi  
President, Bengal Library Conference, Nawadip  
Director, UGC Seminar on Work Flow from Publisher to Reader—Work- flow

- in college and university libraries, New Delhi
- Chairman, Indian Library Convention, Delhi
- Chairman, Documentation Section, Second Indian Standards Convention, Hyderabad
- 1961 Chairman, Preservation of Documents Section, Indian Standards Convention, Kanpur
- 1962 Director, Government of India Seminar on School Libraries, Bangalore  
Director, Government of Andhra Pradesh Library Seminar, Hyderabad
- 1963 President, Fourth IASLIC Conference, Poona
- 1963-1972 Director, Annual Seminars of the Documentation Research and Training Centre, Bangalore
- 1967 Director, Social Science Research and Library Development in India Seminar, New Delhi
- 1968 Chief Guest Speaker, Fifth IASLIC Seminar, Durgapur

#### **CONFERENCES OUTSIDE OF INDIA**

- 1948 Delegate, FID Conference and Conference of ISO/TC 46, The Hague
- Delegate, Commonwealth Universities Conference, Oxford
- Delegate, IFLA Conference, London
- 1950 Delegate, FID Conference, Ascona
- Delegate, Special Libraries Association Conference, Atlantic City, N. J., U.S.A.
- Chief Speaker, Golden Jubilee Celebrations, Classification and Cataloging Division, American Library Association
- Delegate, Conference on Bibliographic Organization, Chicago
- Delegate, Centenary Celebration of the British Library Act, London
- 1954 Delegate, ISO/TC 46 Conference, Brussels
- Delegate, FID Conference, Belgrade (September)
- Delegate, FID Conference, Zagreb
- Delegate, IFLA Conference, Zagreb
- 1955 Delegate, German Library Conference, Dusseldorff
- Delegate, Third World Congress of Librarians and Documentalists, Brussels
- Delegate, ISO/TC 46 Conference, Stuttgart
- 1956 Delegate, German Library Conference, Berlin
- Delegate, FID Conference, Stuttgart
- Delegate, IFLA Conference, Munich



- 1957 President, International Study Conference on Classification Research, Dorking
- 1958 Panel Member, International Conference on Scientific Information, Washington, D.C.  
 Delegate, Conference on Common Language for Machinery Search, Cleveland
- 1959 Delegate, FID Conference, Warsaw
- 1961 Special Invitee, International Conference on Cataloging Principles, Paris  
 Leader of the Indian Delegation, Third Centenary Celebration, National Library of East Berlin
- 1964 President, International Study Conference on Classification Research, Eisinore  
 Principal Speaker, International Seminar on Colon Classification, Rutgers University, New Brunswick, N.J., U.S.A.
- 1966 Concluding Speaker, Symposium on Syntactical Relations in Classification, Mary land, U.S.A.

## **ASSOCIATION WORE**

- 1916-1972 Member, Indian Mathematical Society
- 1917-1920 Founder-President, Mathematics and Science Association of the College
- 1922-1923 Secretary, Mathematics and Science Section, Madras Teachers Guild
- 1923 Secretary, Non-Gazetted Collegiate Officers Association
- 1928-1934 Treasurer, Indian Mathematical Society
- 1928-1953 Founder-Secretary, Madras Library Association
- 1928-1972 Fellow, Library Association, London
- 1930-1933 Member, International Library Committee of the World Association for Adult Education
- 1933-1972 Member, Indian Library Association
- 1937-1944 Vice-President, Indian Library Association
- 1944-1963 President, Indian Library Association
- 1949-1953 Secretary, Indian Adult Education Association
- 1953-1956 Vice President. FID  
 Vice President, Indian Adult Education Association
- 1954-1964 Secretary and Chairman, FID Committee on general classification
- 1968-1961 Vice-President, International Federation for Documentation
- 1951 Promoted the formation of the Asian Federation of Library Associations at Indore (April)
- 1953-1957 Vice-President, Madras Library Association

- 1958-1967 President, Madras Library Association  
1958 Founded the Madhya Pradesh Library Association  
1965-1972 Vice-President, Governing Council, Indian Statistical Institute

### **LIBRARY TOURS**

- 1925 United Kingdom  
1945 Kerala and South Kanara  
1948 Western Europe, United Kingdom, and United States of America  
1950 Western Europe and United States of America  
1952 Ceylon  
1956 United Yugoslavia and West Germany  
1955 East Germany Kingdom  
1957 United States of America, Canada, and Japan  
1959 United States of America, Poland, and Russia  
1961 France, East Germany, and West Germany  
1964 Western Europe and United States of America

### **PERIODICALS EDITED**

- 1937-1947 Editorial Board, *Modern Librarian*  
1939-1944 Conducted *Memoirs*, Madras Library Association  
1947 Editorial Board, *Indian Librarian*  
1949-1953 Editor, *Abgila*, Indian Library Association  
1951 Associate Editor, *Libri*  
1954-1963 Editor, *Annals of Library Science*  
1959 American Documentation  
1964-1972 Editor, Library Science with a Slant to Documentation

### **PUBLICATIONS BY AND ON S.R. RANGANATHAN**

*Note:* Use SRR Database

### **INDIAN STANDARDS**

*Note:* The following Indian Standards were published under the chairmanship of Dr. S. R. Ranganathan during the years 1947 to 1967.

## **Classification**

1. Indian Standards Institution, Documentation (Sectional Committee), Glossary of Classification Terms, IS: 2650-1963.

## **Cataloging**

2. ISI, Documentation (Sectional Committee), Glossary of Cataloguing Terms (first revision), IS: 796-1966.
3. ISI, Documentation (Sectional Committee), Practice for Layout of Library Catalogue Code, IS: 1358-1969.
4. ISI, Documentation (Sectional Committee), Recommendations for Bibliographical Reference, IS: 2381-1963. 6. ISI, Documentation (Sectional Committee), Abbreviations for Titles of Periodicals, IS: 18-1949.
6. ISI, Documentation (Sectional Committee), Practice for Alphabetical Arrangement, IS: 382-1952.

## **Abstracting**

7. ISI, Documentation (Sectional Committee), Canons for Making Abstracts, IS: 796-1966. Indexing
8. ISI, Documentation (Sectional Committee), Rules for Making Alphabetical Indexes, IS: 1276-1968.

## **Book Making**

9. ISI, Documentation (Sectional Committee), Guide for Layout of Learned Periodicals (revised), IS: 4-1963.
10. ISI, Documentation (Sectional Committee), General Structure of Preliminary Pages of a Book (tentative), IS: 790-1966.
11. ISI, Documentation (Sectional Committee), Half-title-leaf of a Book (tentative), IS: 791-1966.
12. ISI, Documentation (Sectional Committee), Title-page and Back of Title-page of a Book (revised), IS: 792-1964.
13. ISI, Documentation (Sectional Committee), Practice for Table of Contents (tentative), IS: 794-1956.
14. ISI, Documentation (Sectional Committee), Guide for Drafting Indian Standards (second revision), IS: 12-1964.
15. ISI, Documentation (Sectional Committee), Proof Corrections for Printers and Authors, IS: 1250-1958.

16. ISI, Documentation (Sectional Committee), Reinforced Binding of Library Books and Periodicals, IS: 3050-1965.

### **Storage of Microfilms**

17. ISI, Documentation (Sectional Committee), Code of Practice for the Processing of Microfilms (silver halide), IS: 3083-1966.
18. ISI, Documentation (Sectional Committee), Code of Practice for Storage and Use of Microfilms of Permanent Value, IS: 3130-1965.
19. ISI, Library Buildings, Fittings, and Furniture (Sectional Committee), Packages for Use of Libraries, IS: 2662-1964.

### **Library Buildings, Fittings, and Furniture**

20. ISI, Library Buildings, Fittings, and Furniture (Sectional Committee), Code of Practice Relating to Primary Elements in the Design of Library Buildings, IS: 1553-1960.
21. ISI, Library Buildings, Fittings, and Furniture (Sectional Committee), Library Furniture and Fittings: Part I. Timber, IS: 1829, (Part I)-1961.
22. ISI, Library Buildings, Fittings, and Furniture (Sectional Committee), Librachine (Mobile Library), IS: 2661-1964.
23. ISI, Library Buildings, Fittings, and Furniture (Sectional Committee), Code of Practice Relating to Primary Elements in the Design of Buildings for Archives, IS: 2663-1964.

### **REFERENCES**

1. Das Gupta, A.K. *Essay in Personal Bibliography: Ranganathan Festschrift, Volume 2: Bibliography of Writings on and by Dr. S.R. Ranganathan*, Asia Publishing House, Bombay, 1965.
2. Dudley, Edward, *Ed. S.R. Ranganathan, 1892-1972* New Delhi: Ess Ess Publication; 1992.
3. Girja Kumar. *S.R. Ranganathan: an intellectual biography*. New Delhi; Har-Anand Publications; 1992.
4. Kaula, P.N., *Ed. Library Science Today: Ranganathan Festschrift, Volume 1: Paper Contributed on 71<sup>st</sup> Birthday of Dr. S.R. Ranganathan (12 August 1962)*, Asia Publishing House, Bombay, 1965.
5. Rajagopalan, T. S. *Ed. Ranganathan's philosophy: assessment, impact and relevance*.
6. Ranganathan, S.R. Librarian looks back. *Herald Library Science*. Vol. 2-11; 1963-72.
7. Satija, M.P. *S.R. Ranganathan and the method of science*. New Delhi, Aditya Prakashan, 1992.
8. Sewa Singh. *S.R. Ranganathan: birth centenary literature*. New Delhi: Ess Ess Publications; 1995.
9. Yogeshwar, Ranganathan. *S.R. Ranganathan: pragmatic philosopher of information science; a*

*personal biography*. Mumbai: Bharatiya Vidya Bhavan; 2001.