

Knowledge Organization

Second Annual “Best Paper in KO Award” for Volume 41 (2014)[†]

Awarded to:

M. P. Satija, Devika P. Madalli and Biswanath Dutta.

Modes of Growth of Subjects.

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Abstract: We define knowledge as a system in a perpetually dynamic continuum. Knowledge grows as it is always fragmentary, though quantifying this growth is nearly impossible. Growth, inherent in the nature of knowledge, is natural, planned, and induced. S.R. Ranganathan elucidated the various modes of growth of subjects, viz. fission, lamination, loose assemblage, fusion, distillation, partial comprehensions, and subject bundles. The present study adds a few more modes of developments of subjects. We describe and fit these modes of growth in the framework of growth by specialization, interdisciplinary and multidisciplinary growths. We also examine emergence of online domains such as web directories and focus on possible modes of formation of such domains. The paper concludes that new modes may emerge in the future in consonance with the new research trends and ever-changing social needs.



M. P. Satija, currently a visiting scientist at the DRTC, Indian Statistical Institute, India, retired as professor of library science and head and then UGC Emeritus fellow from the Guru Nanak Dev University, Amritsar, India. In his long career he has written about 25 books and about 100 papers in refereed journals on

knowledge organization and Ranganathan. In his professional life he has collaborated with Ingtraut Dahlberg, John Comaromi, and Joan Mitchell and served as visiting professor at the Marshall McLuhan Institute, Maastricht. Professor Satija wishes to dedicate this award to Dr. Mrs.

Ingtraut Dahlberg, founding president of ISKO, for inducting him into the KO field and for her constant encouragement thereafter.



Devika P. Madalli is a Professor of the DRTC, Indian Statistical Institute, India, and adjunct faculty, DISI, University of Trento, Italy. She has contributed to UNESCO's Global Open Access Portal (GOAP). She is on the advisory board of Universal Decimal Classification and a co-chair of the interest group on Agricultural Data at the Research Data Alliance. She has participated in EU-funded projects including LivingKnowledge and AgInfra and worked as consultant to UNESCO and UNFAO. Dr. Madalli's interest is in the area of knowledge organization and application of facetization in information systems, information infrastructures, digital libraries, semantic web technologies, faceted ontologies, multilingual information services.



Biswanath Dutta is an assistant professor at the DRTC, Indian Statistical Institute, India and courtesy professor at the DISI, University of Trento, Italy. He received his Ph.D. in LIS in 2010 from University of Pune, India. He received the SRFLIS World Library Leaders Promising Professional Award-2012. He has participated in several international projects including IT-

PAR, Living-Knowledge (EU-funded research project dealing with diversity in knowledge). He works in knowledge organization, data and knowledge representation, ontology, and semantic web technologies. He has collaborated in the development of the open source semantic resource GeoWordNet.

† Awards Committee for Volume 41 (2014): Maja Žumer, chair; Jonathan Furner, Jose Augusto Guimaraes, Claudio Gnoli, Renato Rocha Souza.