Articles Published

1. Jose, K.K., Jacob, Binoy (2013). In Search of Truth through Paradigms of Mathematical Logic. *Theology and Science: Journal of the Centre for Theology and Natural Sciences*, Berkeley, California, U.S.A. (Accepted)

2. Jose, K.K., Jacob, Binoy (2012). Statistical Appropriation of Gödel's Incompleteness Theorem Using Fuzzy Random Variables. *Satya Nilayam: Chennai Journal of Intercultural Philosophy*, (Accepted).

3. Jose, K.K., Jacob, Binoy (2012). Statistical Completeness in Central Limit Property. *Omega: Indian Journal of Science and Religion*, (Accepted).

4. Jacob, Binoy (2012). Is Statistical Completeness Possible in Fuzzy Central Limit Theorem?. *RMM Journal of Frankfurt School* (submitted).

5. Jacob, Binoy (2012). Combining Fuzziness and Randomness in Central Limit Theorem for Statistical Completeness Using Fuzzy Random Variables?. *Journal of American Statistical Association* (submitted).

6. Jacob, Binoy (2013). Matter Matters: The Eschatology of Matter. *European Journal of Science and Theology*, (Accepted).

7. Jacob, Binoy (2012). Science and Culture. *Satya Nilayam: Chennai Journal of Intercultural Philosophy*. No.20, October, 2011.

8. Jacob, Binoy (2010). Methodological Concerns in Science-Religion Dialogue. *Omega: Indian Journal of Science and Religion*, **10** (1), 26-38.

9. Jacob, Binoy (2010). Science and Mysticism. *Jeevadhara*, **70** (4), 32-43.

10. Jacob, Binoy (2008). Incompleteness of the West and Fullness of the East towards East-West Interface in Science- Religion Dialogue: A Study Based on Gödel's Incompleteness theorems. *Omega: Indian Journal of Science and Religion*, **7**(1), 32-45.

11. Jacob, Binoy (2005). Incompleteness as an Inspiration for Science-Religion Dialogue. *Omega: Indian Journal of Science and Religion* , **2**(1), 46-58.

12. Jacob, Binoy (2006). Dialoguing with Symbols: Zero in science, *Sunyata* in Buddhism and Trinity in Christianity. *Omega: Indian Journal of Science and Religion*, **4** (2), 26-44.

13. Jacob, Binoy (2007). Planet Earth as a Common Platform for Environmental Consciousness. *Third Millennium, The Indian Quarterly*, **7** (2), 38-54.

14. Jacob, Binoy (2008). Internet Ethics in the Indian Context. *Third Millennium: The Indian Quarterly* **11**(4), 65-81.

15. Jacob, Binoy (2007). Contemporary Significance of Science-Religion Dialogue. *Vidyajyoti Journal of Theological Reflection*, **62**(1), 185-206.

Conference Attended/ Papers Presented

1. Paper accepted on "Statistical Completeness in Central Limit Property," in the fourth international conference on "Science in Society," at the University of Berkeley, California, 15-17 November, 2012.

2. Paper accepted on “Interfacing Science, Philosophy and Religion on a Statistical Platform,” in the ”Science-Religion Dialogue: Past and Present,” Conference at the University of Heidelberg, Germany, October 25th to 28th 2012. (Accepted).

3. Presented a paper on “Statistical Appropriation of Gödel’s Incompleteness Theorem Using Fuzzy Logic,” at the Centre for Theology and Natural Sciences, Berkeley, U.S.A., November 2011.

4. Presented a paper on “Fractal Geometry of the Universe and its Implications for Science - Religion Dialogue” at the Vatican Observatory Summer School-2010, held at Castel Gandolfo, Vatican, 2010.

5. Presented a paper on “Indian Science and the Interdisciplinary Features of Contemporary Mathematics,” in the “Science and Culture” Conference, Loyola College Chennai, October 2010.

6. Presented a paper on “Gödel’s Theorems, Process Thought and Limit Theory” at 7th International Whitehead Conference on “Process, Religion and Society” at Christ University, January 5-9, Bangalore, 2009.

7. Presented a paper on “Philosophical Implications of Gdel’s Incompleteness Theorems in Science and Spirituality” in the International Conference on “Science and Spirituality” under the auspices of Jawaharlal Nehru University, New Delhi, at Ramakrishna Institute, Calcutta, 2009.

8. Presented a paper on “Neuroscience and Neurotheology” in the International Seminar organized by IISR, at Avion Holiday Resort, Lonavala, Jan 1-5, 2009.

9. Presented a paper on “East-West Interface in Cosmology with Specific Reference to Indian Astronomy”, in the National Conference on ”Science, Philosophy and Culture in Modern India” organized by Indian Council for Philosophical Research, ICPR, Delhi, at Cochin, January 2008.

10. Presented a paper “We are Star Stuffed” in a month long national Seminar on ”Science, Values and Vision” organized by the Indian Institute of Science and Religion, Pune, 2008.

11. Presented a paper on “Jesuits and Astronomy” in the International Seminar on Jesuits and Modern Science, organized by De Nobili College, Pune, 1-5, January 2007.

12. Presented a paper on “Chaos and Cosmos” in the international symposium on Modern Science, Values and the Quest for Unity under the auspices of IISR, Pune, at Mahabalaeshwar, January 2-6, 2004.

References

Achtner, Wolfgang (2011). Truth and Proof in Mathematics and Philosophical Theology, *Theology and Science* **9** (1), 75-90.

Adams, Joe Kennedy (1955). *Basic Statistical Concepts*. New York: McGraw-Hill Book Company, Inc..

Armoe, Sidney J.(1966). Introduction to Statistical Analysis and Inference for Psychology and Education. New York: John Wiley & Sons, INC..

Benacerraf, P.(1967). God, the Devil, and Gödel. *The Monist* **51**(1), 9-32.

Boas, Mary L. (2006). *Mathematical Methods in the Physical Sciences*, 3rd edition. Hoboken: John Wiley & Sons.

Borchert, Donald M.(2006). ed. Encyclopaedia of Philosophy. 2nd Edition. New York: Macmillan Reference USA.

Bovell, Carlos R.(2010). Two Examples of How the History of Mathematics Can Inform Thelogy, *Theology and Science*, **8**(1), 69-86.

Brechner, Robert (2006). *Contemporary Mathematics for Business and Consumers*, Mason: Thomson South-Western Educational Publishing.

Capra, Fritjof (1992). *The Tao of Physics: An Exploration of the Parallels Between Modern Physics and Eastern Mysticism*, New York: Flamingo.

Coulon-Prieur, Cl_ementine, and Paul Doukhan (2000). A Triangular Central Limit Theorem under a New Weak Dependence Condition, *Statistics & Probability Letters*, **47**, 61-68.

Fisher, Hans (2011). *The History of Central Limit Theorem: From Classical to Modern Probability Theory*, New York: Springer.

Fisher, Ronald A.(1971). *The Design of Experiments*, 9th edition. New York: Hafner Press (Macmillan).

Freedman, D.A. (2005). *Statistical Models: Theory and Practice*, Cambridge: Cambridge University Press.

Fuzzy Central Limit Theorem. In http:/math2033.uark.edu/wiki/index.php/Fuzzy_Central_Limit_Theorem. Accessed on 25-08-2011.

Geluk, J.L., and L. De Haan (2000). Stable Probability Distributions and their Domains of Attraction: A Direct Approach, *Probability and Mathematical Statistics* XX (1): 169. For details refer 169-188.

Haack, Susan (1996). *Deviant Logic, Fuzzy Logic: Beyond the Formalism*, London: The University of Chicago Press.

Hald, Anders (1998). *A History of Mathematical Statistics from 1750 to 1930*, New York: Wiley.

Hawking, Stephen (2005). *God Created the Integers*, London: Penguin Books.

Hayashi, Masahito (2009). Quantum Estimation and the Quantum Central Limit Theorem, *American Mathematical Society Translations Series*, **277**(2), 95-123.

Jacob, Binoy (2008). 'Incompleteness' of the West and 'Fullness' of the East Towards East - West Interface in Science- Religion Dialogue: A Study Based on Gödel's Incompleteness Theorem, *Omega: Indian Journal of Science and Religion*, **7**(1), 31-48.

Jacob, Binoy (2005). Incompleteness as an Inspiration for Science-Religion Dialogue. *Omega: Indian Journal of Science and Religion*, **2**(1), 47-58.

Jacob, Binoy (2008). Natural Disasters as the Diverse Steps of the Cosmic Dance, *In Dancing to Diversity*, Edited by Kuruvilla Pandikkattu. Delhi: Serials Publications.

Jacquette, Dale (2002). *Philosophy of Mathematics: An Anthology*, Oxford: Blackwell Publishers.

Jose, K.K. (2006). Science, Mathematics and Truth, *Omega: Indian Journal of Science and Religion*, **5**(1), 67-90.

Jose, K.K.(2007). Science and Religion: A Mathematicians Point of View, *Proceeding of the Templeton Foundation Sponsored National Seminar at Pala*, 57-67.

Jose, K.K.(2006). Mathematical Modeling and Reality, In Kuruvilla Pandikkattu (ed.). *Together Towards Tomorrow*, Jnanadeepa Vidyapeeth, Pune, 189-204.

Jose, K.K.(2011). True Science, Mathematics and Interdisciplinary Research, *Science and Society*, **9**(1), 13-22.

Kozhamthadam, Job (2003). The Changing Face of Science-Christianity Dialogue: Encouragement, Estrangement, and Engagement, *In Science, Technology and Values*, Edited by Job Kozhamthadam. Pune: ASSR Publications.

Luhandjula, M.K.(2004). Combining Fuzziness and randomness, *African Journal of Science and Technology*, **5**(2), 51-59.

Luhandjula, M.K. (2004). Fuzzy Random Variable: A Mathematical Tool for Combining Randomness and Fuzziness, *The Journal of Fuzzy Mathematics*, **12**(4), 1456-1465.

Ghomshei, Mori M., John A. Meech, Reza Naderi (2005). *Fuzzy Logic In a Postmodern Era*, Paper Presented at BISC Special Event in Honor of Professor Lotfi A. Zadeh, University of California, November 2-5, Berkeley, U.S.A.

Nathan, Pathi, T. (2004). In Search of Truth through Uncertainty Paradigm, Convergence 11(1-4), 4-20.

Nagel, Ernest and James R. Newman (2002). Gödel's Proof, London: Routledge.

Nair, K.G.C. P. Haridas, Jayan and Thomas Philip (1999). *A Systematic Approach to Business Statistics*, Trivandrum: Chand Publications.

Odifreddi, Piergiorgio (2005). The Mathematical Century: The 30 Greatest Problems of the Last 100 Year. Hyderabad: Universities Press.

Ord, Toby. Degrees of Truth and Degrees of Falsity, In http://www.amirrorclear.net/academic/ideas/degrees/index.html, accessed on 20-01-2012.

Pamplany, Augustine (2005). *Theological Mysteries in Scientific Perspective*, Bangalore: Asian Trading Corporation.

Pandikkattu, Kuruvilla (2004). *The Bliss of Being Human*, Pune: Jnanaa-Deepa Vidya Peeth,

Priest, Graham (2000). *An Introduction to Non-Classical Logic*, Cambridge: Cambridge University Press.

Proske, Frank N., and Madan L. Puri (2001). Central Limit Theorem for Benach Space Valued Fuzzy Random Variables, *Proceedings of the American Mathematical Society*, **130** (5), 1493-1501.

Russell, Robert John (2008). *Cosmology: From Alpha to Omega*, Minneapolis: Fortress Press.

Singpurwalla, Nozer D., and Jane M. Booker(2004). Membership Functions and Probability Measures of Fuzzy sets, *Journal of the American Statistical Association*, **99**(467), 867-889.

Srivastava, S. M. (2001). The Completeness Theorem of Gdel: An Introduction to Mathematical Logic, *Resonance*, **6**(7), 29-41.

Srivastava, S.M. (2007). Gödel's Proof, *Resonance*, **6**(7), 60.

Stigler, Stephen M.(1992). A Historical View of Statistical Concepts in Psychology and Educational Research, *American Journal of Education*, **101**(1), 60-70.

Stigler, Steven M.(1986). *The History of Statistics*, Cambridge: The Belknap Press of Harward University Press.

Taotao, Xing (2011). How Gödel Relates Platonism to Mathematics, *Theology and Science*, **9**(1), 121-136.

Wolfram, Stephen (2002). *A New Kind of Science*, Illinois: Wolfram Media Inc..

Zadeh, L.A. (1965). Fuzzy Sets, *Information and Control*, **8**, 338-363.

Zadeh, L.A. (1975). Fuzzy Logic and Approximate Reasoning, *Synthese*, **30**, 407-428.

Ziaeddin, Surdar, and Iwona Abram (1999). *Introducing Chaos*, Cambridge: Icon Books.