

Dr Deepani Babarenda Guruge' Publications

Journal Publication: MDPI

"The State of the Art in Methodologies of Course Recommender Systems—A Review of Recent Research",
Deepani B. Guruge, Rajan Kadel, Sharly J., Published in MDPI (data) Journal, **Data** 2021, 6(2), 18;
<https://doi.org/10.3390/data6020018>

Journal Publication: MDPI

"Opportunities and Challenges for Error Control Schemes for Wireless Sensor Networks: A Review"
R Kadel, K Paudel, DB Guruge, SJ Halder, Electronics 2020, 9(3), 504, Published by MDPI
<https://doi.org/10.3390/electronics9030504>

Conference Publication: ACM (Education Development)

"Analysing Student Expectation on Mobile Technologies to Enhance Student Learning Experience",
D Guruge, K Paudel, R Kadel, S. Aziz, V. Karagiannidis, accepted to publish in 2nd International
Conference on Education Development and Studies (ICEDS 2021) University of Hawaii at Hilo, USA.
<https://dl.acm.org/doi/abs/10.1145/3459043.3459050>

Conference Publication: (Educational and IT)

"A Survey on Mobile Learning Approaches and Its Impact on Student's Education" S. Aziz, R Kadel, D
Guruge, K Paudel, V. Karagiannidis, accepted to publish in 10th International Conference on
Educational and Information Technology (ICEIT 2021) Chengdu, China.
<http://www.ijiet.org/vol11/1546-T072.pdf>

Conference Publication: IEEE

"Design and Implementation of Wi-Fi Based Attendance System Using Raspberry Pi", Archana
Banepali, Rajan Kadel, Deepani B. Guruge, Sharly J. Halder, Presented in 29th International
Telecommunication Networks and Applications Conference (ITNAC)
<https://ieeexplore.ieee.org/document/9077985>

Conference Publication:

**"Generating ARGO salinity and temperature contours in Indian Ocean and predicting desired fish
species locations"**

URSC Dharmadasa, DB Guruge, MMR Prasad, and GNP Ariyasinghe – presented at the Ruhuna
International Science and Technology Conference, University of Ruhuna, SRI LANKA, 2014
https://www.sci.ruh.ac.lk/conference/ristcon2014/home/Proceedings_RISTCON2014.pdf

Conference Publication:

"Exploring geographic variation in cancer types in Sri Lanka" – by DB Guruge, and KPSD
Kumarapathirana – presented at the Science Symposium, University of Ruhuna, SRI LANKA, 2012
https://www.sci.ruh.ac.lk/sci_symposium/html/9thscisym.pdf

Conference Publication:

“A framework for developing SMS and web-based application to provide value-added services to the university community” – by A Lorensuhewa, DB Guruge, T Illeperuma, and Ranjana Thusitha – presented at the Science Symposium, Faculty of Science, University of Ruhuna, SRI LANKA, 2011
https://www.sci.ruh.ac.lk/sci_symposium/html/8stscisym.html

Book: Lecture Notes in Artificial Intelligence, Data Mining – Theory, Methodology, Techniques & Applications

“Intelligent document filter for the internet” – by DB Guruge, and RJ Stonier – **Lecture Notes in Artificial Intelligence, Data Mining – Theory, Methodology, Techniques & Applications**, Vol. 3755/2006, ISBN 978-3-540-32547-5, pp. 161-175, Springer Berlin/Heidelberg, 2006.
https://link.springer.com/chapter/10.1007/11677437_13

Conference Publication: AusDM2004

“Fuzzy document for the internet” – by DB Guruge, and RJ Stonier – **Proceedings of AusDM2004: The Third Australian Data Mining Workshop/In conjunction with the 17th Australian Joint Conference on Artificial Intelligence**, AI’2004, ISBN 0-646-44379-8, pp. 39-53, Cairns, Australia, December 2004.
<https://ausdm.org/proceedings/ausdm04.pdf>

Conference Publication:

“Building an efficient document retrieval system using fuzzy clustering” – by DB Guruge, and RJ Stonier – **Proceedings of the first Indian International Conference on Artificial Intelligence (IICAI)**, ISBN 0-9737412-0-8, pp. 1014-1027, Hyderabad, India, 2003.
<https://dblp.uni-trier.de/db/conf/iicai/iicai2003.html>