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The highly cited research contributions of Kalyanmoy Deb are honored in India

Koenig Endowed Chair Kalyanmoy Deb received the inaugural Lifetime Achievement Award from Clarivate Analytics for his highly cited research contributions during ceremonies in New Delhi, India, on Nov. 3.

The award citation reads: Professor Deb is recognized for research on multi-objective optimization using evolutionary algorithms, which are capable of solving complex problems across a range of fields involving trade-offs between conflicting preferences. A 2002 paper, with more than 10,000 citations, ranks among the 200 most-cited papers recorded in the Web of Science, 1900-2017, and is by far the most influential paper ever produced by an Indian scientist, as reflected by citations.

“I am overwhelmed and extremely happy to know that my earlier research on multi-objective optimization has become so popular and established a direction for research and application in practice,” Deb said. “I am grateful to Clarivate Analytics for this honor because it allows me to recognize all the contributions from my past institutions, students and colleagues in India, which helped me tremendously to prepare me for my current position.”

Deb is the Koenig Endowed Chair and a professor in the Department of Electrical and Computer Engineering at Michigan State University. He is also an adjunct faculty member in the departments of Computer Science and Engineering and Mechanical Engineering.

He is a fellow of IEEE, the Indian National Science Academy, the Indian National Academy of Engineering, the Indian Academy of Sciences, and the International Computation.

Deb received his bachelor’s of science degree in mechanical engineering from IIT Kharagpur in 1985 and his master’s and PhD degrees in engineering mechanics from the University of Alabama in 1989 and 1991.

Clarivate Analytics is formerly the Intellectual Property and Science business of Thomson Reuters, and is the owner of Web of Science.
Earlier this year, Deb received the 2017 Clarivate Analytics Highly Cited Researcher Award. He was selected for papers ranking in the top one percent by citations, considering both year and field of publication.

“I am highly indebted to MSU, Roger Koenig and Nancy Pierce for the excellent opportunities to work with world-renowned colleagues and hard-working students at MSU,” Deb said. “The Koenig Endowed Chair position elevated my research profile and worldwide recognition beyond my expectations,” he added.

Deb became the Herman E. & Ruth J. Koenig Endowed Chair in MSU’s Department of Electrical and Computer Engineering in 2013. The endowed chair was established in 2001 to recognize Koenig’s scholarly and academic leadership achievements, and his progressive contributions to furthering engineering education. More on the Koenig Endowed Chair.

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