

Biodata

Dr. Biri Arun

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OBJECTIVE:

I am passionate about Holistic Education as a way to improve and empower human lives and societies. I believe that only Nature-Friendly Knowledge and Technology can make Mankind to exist on the home planet Earth for many centuries to come.

EDUCATION QUALIFICATIONS:

	Degree	UNIVERSITY	Grade/Percentage
1.	Ph. D	Jawaharlal Nehru University, New Delhi	NA
2.	M. Tech	Jawaharlal Nehru University, New Delhi	7.5 /9.0
3.	B. Tech	Anna University, Chennai	77%
4.	XII th	CBSE Board	72.2%
5.	X th	CBSE Board	82%

RESEARCH PUBLICATIONS:

SCI/Scopus Indexed Non-Paid International Journal Papers :

1.	Biri Arun and T.V. Vijay Kumar, Materialized View Selection using Artificial Bee Colony Optimization, International Journal of Intelligent Information Technologies (<i>IJIIT</i>), IGI Global, Volume 13, Issue 1, pp. 27-52, 2017, doi>10.4018/IJIIT.2017010102, ISSN:1548-3665.
2.	Biri Arun and T.V. Vijay Kumar, Materialized View Selection using Bumble Bee Mating Optimization, International Journal of Decision Support System Technology (<i>IJDSST</i>), IGI Global, Volume 9, Issue 3, pp.1-27, 2017, DOI: 10.4018/IJDSST.2017070101 ISSN:1941-630X.
3.	T.V. Vijay Kumar and Biri Arun, Materialized View Selection using BCO, International Journal of Business Information Systems (<i>IJBIS</i>), Inderscience, Volume 22, Number 3, pp. 280-301, 2016, doi>10.4018/IJSSCI.2015100103, ISSN:1746-0980.
4.	T.V. Vijay Kumar and Biri Arun, Materialized View Selection using HBMO, International Journal of Systems Assurance Engineering and Management (<i>IJSAEM</i>), Springer, pp.1-14, 2015, DOI: 10.1007/s13198-015-0356-4, ISSN: 0976-4348.
5.	Biri Arun, Quality Materialised View Selection using Quantum inspired Artificial Bee Colony Optimisation, International Journal of Intelligent Information and Database Systems, Vol.13, No.1, 2020. https://doi.org/10.1504/IJIIDS.2020.108215 .

Peer Reviewed Non-Paid International Journal Papers :

1.	Biri Arun and T.V. Vijay Kumar, Materialized View Selection using Marriage in Honey Bees Optimization, International Journal of Natural Computing Research (<i>IJNCR</i>), IGI Global, Volume 5, Number 3, pp. 1-25, 2015, doi>10.4018/IJNCR.2015070101, ISSN:1947-9298.
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2.	Biri Arun and T.V. Vijay Kumar, Materialized View Selection using Improvement based Bee Colony Optimization, International Journal of Software Science and Computational Intelligence (<i>IJSSCI</i>), IGI Global, Volume 7, Number 4, pp. 35-61, 2015, doi>10.4018/IJSSCI.2015100103, ISSN:1942-9037.
3.	T.V. Vijay Kumar, Lokendra Kumar and Biri Arun. Distributed query plan generation using BCO. International Journal of Swarm Intelligence (<i>IJSI</i>), Inderscience, Volume 1, Number 4, pp. 358-377, 2015, DOI: 10.1504/IJSI.2015.072893, ISSN:2049-405X.
SCI/Scopus Indexed International Conference Papers:	
1.	T.V. Vijay Kumar, Biri Arun and Lokendra Kumar. Distributed Query Plan Generation Using HBMO. In Multi-disciplinary Trends in Artificial Intelligence, Lecture Notes in Computer Science, Volume 8271, pp. 293-304, 2013, doi:10.1007/978-3-642-44949-9_27, ISSN: 0302-9743.
Other International Conference Papers:	
1.	T.V. Vijay Kumar, Amit Kumar and Biri Arun. Cuckoo Search based View Selection. Fourth International Conference on Emerging Trends in Computing, Information, Communication and Applications.ERCICA-2016. Springer, Singapore. pp. 327-337, doi:10.1007/978-981-10-4741-1_30, ISBN 978-981-10-4741-1.

PARTICIPATION IN CONFERENCES:

1.	Author Workshop by Springer and Edanz with Jawaharlal Nehru University Central Library, New Delhi, August 27, 2012.
2.	5 th IBM Collaborative Academic Research Exchange (I-CARE), by IBM Research Lab, New Delhi, October 17-19, 2013.
3.	Transforming Education: Digital Learning Workshop, IBM Research, India, February 27-28, 2014.
4.	ACM Annual Event, IIT Delhi, February 14-16, 2014.
5.	7 th IBM Collaborative Academic Research Exchange (I-CARE), by IBM Research Lab, New Delhi, October 28-29, 2015.
6.	National Science Day, by Jawaharlal Nehru University, Sponsored by Department of Science and Technology, Govt. of India. February 28, 2015.
7.	11 th National Conference on Next Generation Technologies for e-business, e-education and e-society, by Institute of Technology and Science, Ghaziabad, March 5, 2016.
8.	School on Automatic Speech Recognition, May 16-28, 2017, Centre for Linguistic Science and Technology, IIT Guwahati, Assam.

OTHER ACHIEVEMENTS:

1. Maulana Azad National Fellowship, UGC, Govt. of India.

AREAS OF INTEREST:

DBMS, Data Warehousing, Natural Language Processing, Machine Learning

TEACHING EXPERIENCE:

	Designation	University	Period
1.	Assistant Professor (Contract)	NERIST, Arunachal Pradesh	18/7/2016 to 15/12/2016
2.	Assistant Professor (Ad hoc)	NIT Sikkim	8/2/2017 to 29/01/2018
3.	Assistant Professor, Gr-II	NIT Rourkela, Odisha	15/02/2018 to 12/07/2019
4.	Assistant Professor, Gr-II	NIT Arunachal Pradesh	15/07/2020 till date

PERSONAL INFORMATION:

Permanent Address:	Village Rakso, P/O and P/S New Palin, Dist. Kra Daadi, State Arunachal Pradesh, Country India, PIN-791118.
Correspondence Address:	Dept. of Computer Science & Engineering, NIT Arunachal Pradesh, Arunachal Pradesh, India-791112.