

FACULTY PROFILE



Name : ABHISEK MIDYA

Designation : Assistant Professor

Teaching Areas : Theory of computation, Compiler, Design and Analysis of algorithms, Artificial Intelligence, Data structure

Research Areas : Theoretical/ Mathematical Computer Science - Grammatical Inference/Induction, Mathematical linguistics (NLP), L- system, Relational growth grammar (RGG).

Education:

- M.Tech - Computer Science and Engineering, VIT University, Vellore ,2013
- B.Tech - Information Technology, WBUT, 2010

Professional Experience: [Total 4 years]

1. 2017 – till date : Assistant Professor , IFHE, Hyderabad.
2. 2016 - 2017 : Assistant Professor : Alliance University, Bangalore, India.
3. 2015 - 2016 : Assistant Professor : Christ University, Bangalore, India.
4. 2012-2014 : Junior Research Fellow in DST Funded Project, New Delhi (VIT, Vellore)

Research/Selected Publications:

1. Abhisek Midya , DG Thomas, Alok Kumar Pani, Saleem Malik, Shaleen Bhatnagar : “Polynomial Time Algorithm for Inferring Subclasses of Parallel Internal Column Contextual Array Languages”, in proc. of 18th International Workshop on Combinatorial Image Analysis (IWCIA – 2017), Lecture Notes in Computer Science (LNCS - 10256), (Springer – Verlag, Germany), PLOVDIV, BULGARIA, pp. 156 – 169 (2017). DOI : <https://doi.org/10.1007/978-3-319-59108-7>
2. Abhisek Midya, Lakshmanan Kuppusamy, Sumitha V.S : “1 – Normal DRA for Insertion Languages”, Lecture Notes in Computer Science (LNCS - 10398), (Springer – Verlag, Cham), pp. 10 - 19 (2016). DOI : https://doi.org/10.1007/978-3-319-64419-6_2
3. Abhisek Midya, Lakshmanan Kuppusamy, Sumitha V.S : “An Online Induction Algorithm for Internal Contextual Grammars Using Restarting Automata”, Elsevier Procedia Technology, Vol.24, pp. 1514-1521, (2016). DOI: 10.1016/j.protcy.2016.05.110
4. Lakshmanan Kuppusamy, Abhisek Midya : “Restarting Automata for Insertion Language :”, IEEE Explore, ISSN : 2375 – 1282, PP. 1-6, (2013). DOI : 10.1109/NUICONE.2013.6780082