



Mrs. ARADHANA SONI

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Experience

Assistant Professor,
Department of Information Technology
Guru Ghasidas Vishwavidyalaya, Bilaspur
February 2020 – Present

Assistant Professor,
Department of Computer Science and Engineering
National Institute of Technology, Raipur
January 2016 – June 2016 (6 Months)

Assistant Professor,
Department of Computer Science and Engineering
National Institute of Technology, Raipur
July 2013 – June 2014 (1 Year)

Educational Qualification

Degree	Institute (University)	Percentage (Year of Passing)
M. Tech. (Computer Science Engineering)	KIIT University, Bhubaneswar	9.48 (2012)
B. E. (Information Technology)	Govt. Engineering College, Bilaspur (Chhattisgarh Swami Vivekananda Technical University, Bhilai)	7.76 (2010)
H.S.C. (12 th)	Chhattisgarh Board of Secondary Education, Raipur	70.6% (2006)
S.S.C. (10 th)	Chhattisgarh Board of Secondary Education, Raipur	73.6% (2004)

Technical Skills

Software and languages

- MATLAB
- C++
- C

Area of interest

- Data Base Management System
- Unix
- Cryptography and Network Security
- C and C++

Academics Projects

- A New Hybrid Approach for Image Encryption Algorithm Using an Index Based Chaos and DNA Encoding
- Work force management system

Achievement

- University topper in course of M Tech in Computer Science Engineering, Specialization in Computer Science & Information Security from KIIT University Bhubaneswar at 2012.

List of publications

Journal Publications:

- [1].**Aradhana Soni** & Anuja Kumar Acharya, A Novel Image Encryption Approach using an Index based Chaos and DNA Encoding and its Performance Analysis; International Journal of Computer Applications; Volume 47, Number 23; 2012 (DOI: 10.5120/7493-9944).
- [2].**Aradhana Soni** & Anuja Kumar Acharya, A Hybrid Approach for Image Encryption using an Index Based Chaos and DNA Encoding, IEEE International conference on Computing, communication and networking technology (ICCCNT12 - July 26 – 28, 2012);

(**Aradhana Soni**)