

Faculty Profile

Name: **Dr. M V N Madhavi Latha**

Designation: Assistant Professor

Teaching Areas: Digital Electronics

Python

Data Communications

IoT

BA

Research Interest: RNS

Artificial Intelligence

Education: Ph.D-Visvesvaraya Technological University,Belagavi,2023

M.Tech-CVR College of Engineering,Hyderabad,2009

B.Tech- Narasaraopeta Engineering

College,Narasaraopet,2004



Research/Selected Publications:

1. M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan "Residue to Binary Converter for the extended four moduli set $\{2^k, 2^n-1, 2^{n+1}, 2^{n+1}+1\}$ for n odd" *sadhana journal* feb-2023(Q2)
2. MVN. Madhavi Latha, Rashmi R Rachh, P.V. Anada Mohan, " "Residue-to-Binary converter for seven moduli set $\{2^{n-5}-1, 2^{n-3}-1, 2^{n-2}+1, 2^{n-1}-1, 2^{n-1}+1, 2^n, 2^{n+1}\}$ for n Even" *sadhana journal* Sep. 2020.(Q2)
3. M. V. N. M. Latha, R. R. Rachh and P. V. A. Mohan, "Residue-to-Binary converters for the seven moduli set $\{2^{n-5}-1, 2^{n-3}-1, 2^{n-2}+1, 2^{n-1}-1, 2^{n-1}+1, 2^n, 2^{n+1}\}$ for n even," 2019 *IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics (PrimeAsia)*, 2019, pp. 37-40, doi: 10.1109/PrimeAsia47521.2019.8950721
4. M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "PhD Forum 2018 – Residue-to-Binary converters for the moduli set", *Proceedings of the 24th International Conference on Advanced Computing and Communications (ADCOM 2018)*.
5. M. V. N. Madhavi Latha, Rashmi Racch and P. V. Ananda Mohan, "RNS-to-Binary Converters for a Three-Moduli Set $\{2^{n+k}, 2^n-1, 2^{n-1}-1\}$ ", *IETE journal of education*, vol. 58, no. 1, pp. 20-28, 2017.
6. M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "An efficient residue-to-binary converter for the moduli set $\{2^{n-1}-1, 2^{n+k}, 2^n-1\}$ " 2017 *IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics*. doi:10.1109/primeasia.2017.8280351