## **Faculty Profile**

		Faculty Profile
Nai	me:	Dr. M V N Madhavi Latha
Des	signation:	Assistant Professor
Теа	ching Areas:	Digital Electronics
		Python
		Data Communications
		IoT
		ВА
Res	earch Interest:	RNS
		Artificial Intelligence
Edu	ucation:	Ph.D-Visvesvaraya Technological University,Belagavi,2023
		M.Tech-CVR College of Engineering,Hyderabad,2009
		B.Tech- Narasaraopeta Engineering College,Narasaraopet,2004
Re	search/Selec	cted Publications:
1.		havi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan"Residue to B r moduli set{2 <sup>k</sup> , 2 <sup>n</sup> -1 , 2 <sup>n</sup> +1, 2 <sup>n+1</sup> +1} for n odd <i>sadhana journal</i> feb-2
2.	moduli set {2"	vi Latha, Rashmi R Rachh, P.V. Anada Mohan," "Residue-to-Bina <sup>1-5</sup> -1, 2 <sup>n-3</sup> -1, 2 <sup>n-2</sup> +1, 2 <sup>n-1</sup> -1, 2 <sup>n-1</sup> +1, 2 <sup>n</sup> , 2 <sup>n</sup> +1} for <i>n</i> Even" sadhana journ
3.	set {2 <sup>n-5</sup> -1, 2 <sup>r</sup> Postgraduate	atha, R. R. Rachh and P. V. A. Mohan, "Residue-to-Binary converte <sup>n-3</sup> -1, 2 <sup>n-2</sup> +1, 2 <sup>n-1</sup> -1, 2 <sup>n-1</sup> +1, 2 <sup>n</sup> , 2 <sup>n</sup> +1} for <i>n</i> even," 2019 <i>IEEE Asia</i> <i>Research in Microelectronics and Electronics (PrimeAsia</i> ), 2 eAsia47521.2019.8950721
4.	M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "PhD For Binary converters for the moduli set", <i>Proceedings of the</i> 24 <sup>th</sup> <i>International Computing and Communications (ADCOM</i> 2018).	
5.	M. V. N. Madhavi Latha, Rashmi Racch and P. V. Ananda Mohan, "RNS-to-Binary Moduli Set {2 <sup>n+k</sup> , 2 <sup>n</sup> -1, 2 <sup>n-1</sup> -1}", <i>IETE journal of education,</i> vol. 58, no. 1, pp. 20-28	
6.	converter for	dhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "An eff the moduli set {2 <sup>n-1</sup> -1, 2 <sup>n+k</sup> , 2 <sup>n</sup> -1}" 2017 IEEE Asia Pacific Confe licroelectronics and Electronics. doi:10.1109/primeasia.2017.82803



## **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<sup>k</sup>, 2<sup>n</sup>-1, 2<sup>n</sup>+1, 2<sup>n+1</sup>+1} for n odd sadhana journal feb-2023(Q2)
- MVN. Madhavi Latha, Rashmi R Rachh, P.V. Anada Mohan," "Residue-to-Binary converter for seven 2. moduli set {2<sup>n-5</sup>-1, 2<sup>n-3</sup>-1, 2<sup>n-2</sup>+1, 2<sup>n-1</sup>-1, 2<sup>n-1</sup>+1, 2<sup>n</sup>, 2<sup>n</sup>+1} for *n* Even" sadhana journal Sep. 2020.(Q2)
- M. V. N. M. Latha, R. R. Rachh and P. V. A. Mohan, "Residue-to-Binary converters for the seven moduli 3. set {2<sup>n-5</sup>-1, 2<sup>n-3</sup>-1, 2<sup>n-2</sup>+1, 2<sup>n-1</sup>+1, 2<sup>n</sup>, 2<sup>n</sup>+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
- M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "PhD Forum 2018 Residue-to-4 Binary converters for the moduli set", Proceedings of the 24<sup>th</sup> International Conference on Advanced Computing and Communications (ADCOM 2018).
- M. V. N. Madhavi Latha, Rashmi Racch and P. V. Ananda Mohan, "RNS-to-Binary Converters for a Three-5. Moduli Set {2<sup>*n*+*k*</sup>, 2<sup>*n*</sup>-1, 2<sup>*n*-1</sup>-1}", *IETE journal of education*, vol. 58, no. 1, pp. 20-28, 2017.
- M. V. N. Madhavi Latha, Rachh, R. Rachh, and P.V. Ananda Mohan, "An efficient residue-to-binary 6. 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