FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	Dr.	FirstName	Anshula	LastName	Sangwan	Photograph
Designation	Assistant Professor					
Department	Computer Science					
Address (Official)	Kalindi College (University of Delhi), East Patel Nagar, Delhi-110008					
Phone No.	95829435**					
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Education

Subject	Institution	Year	Details
M.Tech Computer Science	M.D.U. Rohtak	2014	81.40%
B.Tech Computer Science	M.D.U. Rohtak	2012	70.0%
Ph.D.	The NorthCap University, Gurugram	2022	

CareerProfile

Organisation/Institution	Designation	Duration	Role
Kalindi College, University of Delhi	Assistant Professor	5.01.2015 to Present	Teaching

Research Interests/Specialization

Image Processing

Administrative Assignments / Contribution to corporate life

NA

Teaching Experiences (Subject/Courses taught)

- Data Structures
- Operating System
- Computer Fundamentals
- Computer Networks
- Computer system Architecture
- Data Mining
- Digital Empowerment (VAC)

Publication (Peer Reviewed/Indexed Journals)

1. Anshula,Hukum Singh, Security enrichment of an asymmetric optical image encryption-based devil's vortex Fresnel lens phase mask and lower upper decomposition with partial pivoting in gyrator transform domain, Optical Quantum Electronics, 53(4)(2021)1-23. Impact Factor 1.842. (SCI, SCOPUS).
2. Anshula, Hukum Singh, A secure asymmetric optical image encryption based on phase truncation and singular value decomposition in linear canonical transform domain, International Journal of Optics, Vol.2021, Article ID 5510125, 19 pages, 2021, Impact Factor 0.867 (Web of Science, SCOPUS).
3. Anshula, Hukum Singh, Optical image encryption using various mathematical transforms and structure phase masks: A review, Asian J Phys, Vol 28, No. 10-12,(2020)825-856
4. Anshula,Hukum Singh, Cryptanalysis for optical double image encryption using DTLM in frequency plane with QR decomposition and Gyrator transform, Optical review (2021) IF 0.980, https://doi.org/10.1007/s10043-021-00705-0
5. R. Girija, Anshula, Hukum Singh, Security-enhanced optical nonlinear cryptosystem based on modified Gerchberg- Saxton iterative algorithm, Optik, 244(2021) 167568, Impact Factor 2.443. (SCI, SCOPUS).
6. Anshula, Hukum Singh, Ensuring security of crypto systems with DVFM, modified equal modules decomposition in the domain of gyrator wavelet transform,Multimedia Tools and Applications, (2022), SCI.