


Name	Dr. Manjula G R	
Designation	Associate Professor	
Qualification	BE, M.tech, Ph.D	
Email	grmanjula@jnnc.ac.in	
Phone	9164300521	
Experience		
1. Research	4 years	
2. Teaching	14 years	
3. Industry	3 years	
Area of Research	Steganography	
Member of Professional Organization	ISTE, IETE	
STTP/Workshops/Conferences attended	<ul style="list-style-type: none"> • ISTE workshop on “ A pedagogy for effective use of mathematics for Research in Science & Technology” 1 week • ISTE workshop on “Android Application Development And Embeded Android”. 1 week • ISTE workshop on “computer Programming” 2 week • ISTE workshop on “Signals and systems” conducted by IIT Kharagpur 2 week • Short term course on “Research Methodology” 2 week • “Latex and Matlab” 1 week • Matlab and its Applications” 1 week • Linear Algebra and Its Applications, Dept of TCE,ECE and IETE, ” 1 week • Operations Research & Its Applications, Dept. of Mechanical Engineering, ” 1 week 	

	<ul style="list-style-type: none"> • Mission 10X Faculty Empowerment workshop, Wipro” 1 week
<p>Research Publications</p> <ul style="list-style-type: none"> • Journals 	<ul style="list-style-type: none"> • Ajit Danti, G.R.Manjula, Priya K, “An Innovative Approach For Video Steganography Using Statistical Features In Round-LSB”, published in International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, ISSN :2455-2143, Pages 194-199, July 2016. • Ajit Danti, G.R.Manjula, Pallavi B M, “Wavelet Based Color Video Steganography Using Sequence and Random Technique”, published in International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, ISSN :2455-2143, Pages 294-295, July 2016. • Ajit Danti, G.R.Manjula, Vidhathri K N, “An Efficient and Secure High Capacity Video Steganography Using BCH Codes (15, 11) in DWT Domain”, published in International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, ISSN :2455-2143, Pages 229-234, July 2016. • G.R.Manjula, AjitDanti, S.K. Narasimha Murthy “Hybrid Approach for Hiding an Image using Video Steganography”, published in International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR). ISSN(P): 2249-6831; ISSN(E): 2249-7943 Sept 2015. • G.R.Manjula, AjitDanti, “Hybrid Approach for Hiding an Image Using Video Steganography optimized using genetic algorithm”, published in International Journal of

Computer Science Engineering and Information Technology Research (IJCSEITR) **ISSN(P): 2249-6831; ISSN(E): 2249-7943**. Sept 2015.

- G.R.Manjula, Ajit Danti “Embedding Multiple Images In a Single Image Using Bit Plane Complexity Segmentation (BPCS) Steganography” *Asian Journal of Mathematics and Computer Research, International Knowledge Press* Feb 2015 2(3): 136-142, ISSN: 2395-4205 (Print), 2395-4213 (Online) 2015
- G.R.Manjula, Ajit Danti “A Novel Hash Based Least Significant Bit(2-3-3) Image Steganography in Spatial Domain” *International Journal of Security, Privacy and Trust Management (IJSPTM)* Vol. 4, No 1, February 2015 ISSN 2277-5498(Online) Print : 2319-4103 (**DBLP LISTED**)
- Ajit Danti, G.R.Manjula, “Image Compression Using Two Orthogonal Transforms” *International Journal of Engg. Research & Industrial Applications (IJERIA)* March 2014 , ISSN 0974-1518
- Ajit Danti ,G.R.Manjula, “Data Encryption by Excluding Repetitive Character in Cipher Text”, *International Journal of Innovations in Engineering and Technology(IJIET)*, August 2013, Digital Library URI: <http://ijiet.com/wp-content/uploads/2013/09/36.pdf>, ISSN: 2319-1058
- Hiriyan G.S., G.R.Manjula “IMAGE STEGANOGRAPHY IN YUV COLOR SPACE” *International Journal of Engineering Applied Sciences and Technology*, 2017 Vol. 2, Issue 5, ISSN No. 2455-2143

	<ul style="list-style-type: none"> • Ajit Danti, G.R.Manjula ,“Secured Data Hiding based on Compression Function and Quantization”<i>International Journal of Applied Information Systems(IJAIS)</i>,January2012, ISBN: 978-93-65823-01-1 Digital Library URI: http://ijais.org/archives/volume1number2/ijais12-450109
<ul style="list-style-type: none"> • Conferences 	<ul style="list-style-type: none"> • Ajit Danti, G.R.Manjula, “Secured Data Hiding of Invariant Sized Secrete image based on Discrete and Hybrid Wavelet transform” published and presented in <i>IEEE International Conference on Computational Intelligence and Computing Research (2012IEEEICCIC)</i> held at Coimbatore during Dec-2012.Catalog Number: CFP1220J-ART ISBN: 978-1-4673-1344-5 • G.R.Manjula, AjitDanti, “Hybrid Approach for Hiding an Image Using Video Steganography optimized using genetic algorithm”, presented in Second International Conference on Networking, Information and Communication. May-2015 • G.R.Manjula, AjitDanti, “Hybrid Steganography using index channel and 2-3-3 hash methods” published and presented in International Conference on Research in Business Management and Information Technology (ICRBIT-2015) held at Bangalore during April-2015.ISBN:978-81-930411-5-4 Published by ELK Asia Pacific Journals

- G.R.Manjula, Ajit Danti, and S.K.Narasimha Murthy, “Hybrid Approach for Hiding an Image using Video Steganography” published and presented in *International Conference on Research in Business Management and Information Technology (ICRBIT-2015)* held at Bangalore during April-2015. ISBN: 978-81-930411-5-4 Published by **ELK Asia Pacific Journals**
- Ajit Danti, G.R.Manjula, “ Steganography using Randomized Index Channel with Arnold Cat Map Encryption” published and presented in *Second International Conference on Emerging Research in computing, Information, Communication and Applications (ERCICA2014)* held at Bangalore during Aug-2014. **Elsevier Publication** 2014 .ISBN:9789351072607