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**EDUCATIONAL QUALIFICATION:** B.Tech, M.Tech, Ph.D.

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**TEACHING EXPERIENCE:**

- Assistant Professor in Vivekananda College, Madhyamgram from September 2019 to till date.
- Lecturer in BPCIT, Nadia from March 2019 to September 2019.
- Assistant Professor, Dept. of CSE, Future Institute of Engineering & Management from August 2010 – March 2019.
- Lecturer in Mallabhum Institute of Technology, Bishnupur from August 2006 – July 2007 and July 2009 to July 2010.
- Lecturer in Ghanashyam Hemalata Institute of Technology & Management, Puri from September 2005 – July 2006.

**LIST OF PUBLICATIONS:**

**International Journals**

1. Khamrui, A et al., “A Genetic Algorithm based Steganography on Color Images (GASCI)” International journal of Signal and Imaging Systems Engineering (IJSISE), Indersciences, accepted may 2011.
2. Khamrui, A et al., “An Image Authentication Technique in Frequency Domain using Genetic Algorithm (IAFDGA)”, International Journal of Software Engineering & Applications(IJSEA), ISSN : 0975-9018 (Online); 0976-2221(Print), Indexed on DOAJ,EBSCO,INSPEC,ProQuest etc.,DOI:10.5121/ijsea.2012.3504, Vol. 3, No. 5, pp.39-46, Sept. 2012.(<http://airccse.org/journal/ijsea/papers/3512ijsea04.pdf>),2012.
3. Khamrui, A., Mandal, J. K, “A Genetic Algorithm based approach in image authentication using Z transform” (GAIAZT), AMSE Journals 2014 series: Advances B, Vol. 57,Nº1, pp 20-30.
4. Khamrui A.et al., “An Authentication Technique for Image/Legal Document (ATILD)”, Journal of Signal Processing Systems for Signal, Image, and Video Technology (formerly the

## International Conference

1. Khamrui A. et al., "An Authentication Technique for Image/Legal Document (ATILD)", Journal of Signal Processing Systems for Signal, Image, and Video Technology (formerly the Journal of VLSI Signal Processing Systems for Signal, Image, and Video Technology)©Springer Science+Business Media, LLC 201010.1007/s11265-010-0557-7.
2. Khamrui, A et al., "A Data Embedding Technique for Gray Scale Image Using Genetic Algorithm (DEGGA)", IEEE Sponsored International Conference on Communication, Computing & Security (Proceedings by Excel India Publishers ISBN-978-93-80697-505), NIT Rourkela, pp.19–22 7–9 January 2010.
3. Khamrui, A et al., "A Data- Hiding Scheme for Digital Image using Pixel Value Differencing (DHPVD)", International Symposium on Electronic System Design (ISED), Print ISBN:978-1-4577-1880-9, 19-21 December, Kochi, India, 2011.
4. Khamrui, A., Mandal, J. K., "A Genetic Algorithm based Steganography in Frequency Domain (GASFD)", IEEE 1st International Conference on Communication and Industrial Applications (ICCIA-2011), Print ISBN: 978-1-4577-1915-8, 26th – 28th December, Science City, Kolkata , 2011.
5. Khamrui, A., Mandal, J. K., et. al. "A Novel Genetic Algorithm Based Data Embedding Technique in Frequency Domain Using Z Transform (ANGAFDZT)", DPPR- 2012, Advances in Intelligent Systems and Computing, 177, ISSN No.:2194-5357, Springer, pp.885-893, July 13 -15, Chennai, India(2012).
6. Khamrui, A., "A Novel Genetic Algorithm based Image Authentication technique using Wavelet Transform (ANGAIAWT)", Zonal Seminar, The Institute of Electronics and Telecommunication Engineers Kolkata Centre, ISBN No. 978-93-5126-699-0, pp. 66-71, Salt lake, August 30-31, 2013.
7. Khamrui, A., Mandal, J. K., "A Genetic Algorithm based Steganography using Discrete Cosine Transformation (GASDCT)", accepted on The First International Conference on Computational Intelligence: Modeling, Techniques and Applications, CIMTA-2013, ISBN:978-93-5126-672-3, University of Kalyani, India, Sept. 27-28, 2013.
8. Khamrui, A., Mandal, J. K., "A Wavelet Transform based Image Authentication approach using Genetic Algorithm (AWTIAGA)", accepted by Computer Society of India, 48<sup>th</sup> Annual Convention, Dec 13-15, Visakhapatnam, 2013.
9. Khamrui, A., Mandal, J. K., "A spatial Domain Image Authentication Technique using Genetic algorithm", CICBA 2017, Calcutta Buisness School.