

Name : Dr. B. Shamina Ross
Gender : Female
Designation : Dean IT and Technical Education
Associate Professor
Department : Computer Applications
Date of Birth : 24/03/1974
Date of Appointment : 28/08/2009
Mobile Number : 9443137232
E-mail : shaminas@hotmail.com
Qualification : M.Sc., M.Phil., Ph.D.



Approved Guide(University Name) : Manonmaniam Sundaranar University

Editorship of Journals: 1. i manager publications

2. BOHR Journal of Computational Intelligence and
Communicational Network

Any other information:

1. Convener, ICTC
2. Convener, Website
3. Member, Academic Council
4. Member, Examination Cell
5. Member, Awards Committee
6. Member, IQAC
7. Member, Placement Cell

8. Member, Endowment Committee

9. Member, HRDC

Served as Resource Person:

1. Skill Development Initiatives on “MS OFFICE, DTP And TALLY” For Differently Abled Persons, Women’s Christian College, Nagercoil, 2010.
2. Skill Development Initiatives on “MS OFFICE, DTP And TALLY” For Differently Abled Persons, Women’s Christian College, Nagercoil, 2011.
3. International Centre for Nano biotechnology – CMST, Centre For Marine Science and Technology, Manonmaniam Sundaranar University, 2014.
4. Skill Development Programme II on “Personality Development & Facing Interviews”, Scott Christian College (Autonomous), Nagercoil, 2015.
5. Personality Development Programme, Scott Christian College (Autonomous), Nagercoil, 2015.
6. Orientation Programme “Role of Computers in Modern World”, Scott Christian College (Autonomous), Nagercoil, 2023.

List of Publications :

1. V. Josephraj and B. Shamina Ross, "Enhancing the Performance of Blowfish Encryption Algorithm in Terms of Speed And Security By Modifying its Function", International Journal of Applied Engineering Research, vol. 10, pp. 621-624, 2015.
2. B. Shamina Ross and V. Josephraj, "Improvement of Blowfish Encryption Algorithm by Modifying its Function", JM International Journal on Information Technology, vol. 2, pp. 37-40, January 2012.
3. V. Josephraj and B. Shamina Ross, "Enhancement of Blowfish Encryption in Terms of Security Using Mixed Strategy Technique", IIOAB Journal, Emerging Technology in Networking and Security, vol.7, pp. 69-76, 2016.
4. V. Josephraj and B. Shamina Ross, "A Hybrid Blowfish Encryption Algorithm Using Nash Equilibrium with Cautious Attackers", International Journal of Control Theory and Applications, vol.9, pp. 4761-4769, 2016.
5. V. Josephraj and B. Shamina Ross, "Security Evaluation of Blowfish and Its Modified Version Using GT's One Shot Category of Nash Equilibrium", International Journal of Control Theory and Applications, 2016, vol.9, pp. 4771-4777, 2016.
6. B. Shamina Ross and Josephraj V., "Enhanced Security of Blowfish Using Game Theory's Optimal One-Shot Category of Nash Equilibrium in Avalanche Effect", International Journal of Current Advanced Research, 2017, vol.6, pp.3382-3387, DOI:<http://dx.doi.org/10.24327/ijcar.2017.2346.0005>, www.journalijcar.org.
7. B. Shamina Ross and V. Josephraj, "Performance Enhancement of Blowfish Encryption Using RK-Blowfish Technique", International Journal of Applied Engineering Research, 2017, vol. 12, pp. 9236-9244, <http://www.ripublication.com>
8. B. Shamina Ross, "Comparative Analysis of Different Encryption Techniques For Secured Data Transmission", Gedragen Orgnsisatie, Vol:34, ISSN: 0921-5077, Issue:04, pp 81-89, 2021, <http://lemma-tijdschriften.com>
9. S. Jasmine Minija, M. Anline Rejula, B. Shamina Ross, "Automated detection of diabetic retinopathy using optimized convolutional neural network", Multimedia Tools and Applications, Springer Science+Business Media, LLC, part of Springer Nature, 2023 <https://doi.org/10.1007/s11042-023-16204-0>