

# Muraleedharan N

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- Contact Address** C-DAC ( Formerly known as NCST)  
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email: murali@ncb.ernet.in , haimuru@gmail.com
- Research Interest** My research interests primarily in computer network security, intrusion detection and prevention, anomaly detection, traffic analysis and Flow analysis.
- Education**
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|---|-------------------------------|
| <b>National Institute of Technology (NIT) Calicut</b> | 1999 - 2002                   |
| Master of Computer Application                        | Grade: First Class ( 64.32 %) |
| <b>University of Calicut</b>                          | 1996 - 1999                   |
| Bachelor of Science in Computer Science               | Grade : First Class (75.7%)   |
- Work Experience**
- |   |   |
|---|---|
| <b>Centre for Development of Advanced Computing (C-DAC)</b><br>Bangalore, India                 | Senior Staff Scientist<br>July 2009 - Till date |
| Research and Development in traffic analysis and intrusion detection and prevention techniques. |   |
| <b>Centre for Development of Advanced Computing (C-DAC)</b><br>Bangalore, India                 | Staff Scientist<br>December 2005 - June 2009    |
| Research and development in traffic monitoring and anomaly detection .                          |   |
| <b>University Of Calicut</b><br>Calicut, Kerala   | Guest Lecturer<br>October 2003 - December 2005  |
| Lecturer for MCA, MSc and Bsc Computer Science Courses  |   |
- Publications**
- ADRISYA: A Flow Based Anomaly Detection System for Slow and Fast Scan**  
Authors: Muraleedharan N, Arun Parmar  
International Journal of Network Security and Its Applications (IJNSA) October 2010, Volume2, Number4
- A Flow based Slow and Fast Scan detection System**  
Authors: Muraleedharan N, Arun Parmar  
The Third International Conference on Network Security and Application (CNSA 2010, July 23-25, Chennai) Published by Springer (LNCS)
- High-Speed Traffic Analysis: Challenges and Approaches**  
Authors: Subramanian N, Muraleedharan N  
National Workshop on Network Security 2010 June 9-10, Tezpur University
- A Flow based Scan detection System using Chi-Square Techniques**  
Authors: Muraleedharan N, Arun Parmar, Manish Kumar  
IEEE 2 nd International Conference Advanced Computing Conference - IACC'2010 February 2010
- EDGE : An Architecture for self-configuration of network for QoS and Security**  
Authors:Subramanian, Praveen D Ampatt, Muraleedharan N, Subhash Chandra Bose Korimilli, Arun Prmar, Manish Kumar and Anupam Roy  
The First International Conference on COMMunication System and NETworkS ( COMSNETS)
- Analysis of TCP flow data for Traffic Anomaly and Scan detection**  
Authors: Muraleedharan N  
16 th IEEE International Conference on Networks December 2008 (ICON 2008)
- Important Talks**
- Network Security: Packet Capturing and Analysis**  
'Workshops on Advances in Information Security' at Punjab Engineering College February 2009
- Flow based Traffic Analysis**  
ISEA Workshop on Network Traffic Capturing and Analysis held at IIT Guwahati march 2009