Resume of
Prof Mohammad Shorif Uddin, PhD

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Current Status and Official Address

Adjunct Professor & Adviser
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Brief Biography

Mohammad Shorif Uddin received his Doctor of Engineering degree in Information Science from Kyoto Institute of Technology in 2002, Japan, Master of Technology Education degree from Shiga University, Japan in 1999, Bachelor of Electrical and Electronic Engineering degree from Bangladesh University of Engineering and Technology in 1991 and also MBA from Jahangirnagar University in 2013. He began his teaching career as a Lecturer in 1991 at the Bangladesh Institute of Technology, Chittagong (Renamed as CUET). He joined in the Department of Computer Science and Engineering of Jahangirnagar University in 1992 and currently, he is a Professor. He has been working as an Adjunct Professor as well as Adviser of the School of Science and Engineering, ULAB since September 2009. In addition, he is the Teacher-in-Charge of ICT Cell of Jahangirnagar University. He served as the Chairman of Computer Science and Engineering of Jahangirnagar University from June 2014 to June 2017. He undertook postdoctoral researches at Bioinformatics Institute, Singapore, Toyota Technological Institute, Japan and Kyoto Institute of Technology, Japan, Chiba University, Japan, Bonn University, Germany, Institute of Automation, Chinese Academy of Sciences, China. His research is motivated by applications in the fields of artificial intelligence, imaging informatics and computer vision. Mohammad Uddin is an IEEE Senior Member and also a Fellow of Bangladesh Computer Society and The Institution of Engineers Bangladesh. He has lectured a good number of undergraduate and graduate courses, wrote more than 125 journal and conference papers and organized some national and international conferences and seminars. 5 students achieved their PhD degrees and over 50 students got their MSc degrees under his supervision. He had delivered a remarkable number of keynotes and invited talks and also wrote many articles for magazines and newspapers. He acted as General Chair of IJCACI 2020, ICAEM 2019, ICIMSAT 2019, IJCCI 2018 and 2019, IWCI 2016 and TPC Chair/Co-Chair of ICEEICT 2015, IEEE R10 HTC 2017, EICT 2015, 2017 and 2019. He holds two patents for his Scientific inventions. He received the Best Paper award in the International Conference on Informatics, Electronics & Vision (ICIEV2013), Dhaka, Bangladesh and Best Presenter Award from the International Conference on Computer Vision and Graphics (ICCVG 2004), Warsaw, Poland. He was the Coach of Janhangirnagar University ACM ICPC World Finals Teams at USA in 2017 and Morocco in 2015. He served as the Membership development coordinator (2015) and Conference Coordinator (2016-2017) of IEEE Bangladesh Section and Chair of IEEE Computer Society Bangladesh Chapter (2019). Currently, he is the elected Vice President of Bangladesh Computer Society, Editor-in-Chief of ULAB JSE and an Associate Editor of IEEE Access.

Personal/Family Information

Father's Name & Profession: Mohammad Shamsuddin
Mother's Name & Profession: Ayesha Begum
Place and Date of Birth: Noakhali, 30 December 1967
Nationality: Bangladeshi
Present Address: Flat A1, Plot 41/C, Road 4/A, Dhanmondi R/A, Dhaka 1209, Bangladesh
Permanent Address: East Birbiri, Jahajmara, Hatiya, Noakhali
Religion: Islam
National ID: 507 304 2342
Name and Profession of Spouse: Omaina Khatun
Number of Children: 2
i. Son: **Arabi Wasin Shorif**
ii. Daughter: **Sumaita Binte Shorif**

Education

Doctor of Engineering in Information Science (2002)
Kyoto Institute of Technology, Japan

Master of Education in Technology Education (1999)
Shiga University, Japan

Bachelor of Science in Electrical and Electronic Engineering (1991)
Bangladesh University of Engineering and Technology (BUET), Bangladesh

Master of Business Administration in Marketing (2013)
Institute of Business Administration, Jahangirnagar University, Dhaka, Bangladesh

Research Interests

Imaging, Image Analysis and Computer Vision, Intelligent Systems, Image Velocimetry

Postdoctoral Research Experiences

CAS Fellowship 2016 (March 2017 to May 2017)
Institute of Automation, China

DAAD Research Fellow (September 2015 to October 2015)
University of Bonn, Germany

Invitation JSPS Fellow (February 2013 to May 2013)
Chiba University, Japan

JASSO Follow-up Research Fellow (June 2010 to August 2010)
Kyoto Institute of Technology, Japan

Postdoctoral Research Fellow (January 2008 to April 2009)
Imaging Informatics Division, Bioinformatics Institute, A*STAR, Singapore

JSPS Postdoctoral Research Fellow (November 2003 to September 2005)
Kyoto Institute of Technology, Japan

Postdoctoral Research Fellow (April 2002 to December 2002)
Information and Communication Engineering Lab, Toyota Technological Institute, Japan

Job Experiences

Professor since September 2007
Associate Professor, (June 2003 – September 2007)
Assistant Professor, (July 1995 – June 2003)
Lecturer (November 1992 – July 1995)
Department of Computer Science and Engineering
Jahangirnagar University, Savar, Dhaka, Bangladesh

Lecturer (October 1991 - November 1992)
Department of Electrical and Electronic Engineering
Chittagong University of Engineering and Technology, Bangladesh

Director/Teacher-in-Charge (since Feb 2015), ICT Cell, Jahangirnagar University;
Chairman (June 2014 -June 2017), Department of Computer Science and Engineering, Jahangirnagar University, Bangladesh;
Chairman (since June 2019), Higher Study Committee, Department of Computer Science and Engineering, Jahangirnagar University;
Head (2016), Self-Assessment Committee, Department of Computer Science and Engineering, Jahangirnagar University;
Adviser, School of Science & Engineering, University of Liberal Arts Bangladesh (since Sept 2009)
IT Consultants (January 2003-December 20003), MAIDAS Financing Ltd.
Adviser/Adjunct Faculty in many universities in Bangladesh.

Professional Affiliations

- Fellow Bangladesh Computer Society (BCS)
- Fellow, Institutions of Engineers (IEB);
- Senior Member, IEEE, USA
- Conference Coordinator (2016, 2017), IEEE Bangladesh Section
- Chair (2019), IEEE Computer Society Bangladesh Chapter
- Vice President (2017-2020), Bangladesh Computer Society (BCS)

Professional Activities

- Editor, ULAB JSE; Associate Editor, IEEE Access
- Reviewer of many international journals and conferences.
- General Chair of IJCACI 2020, ICAEM 2019, ICIMSAT 2019, IJCCI 2019, IJCCI 2018, IWCI 2016

Awards

- Best Paper Award in the International conference on Informatics, Electronics & Vision (ICIEV2013, May 17-18, 2013, Dhaka University, Bangladesh, http://www.iciev.org)

- Best presenter award in the International Conference on Computer Vision and Graphics (ICCVG2004), Warsaw, Poland, September 2004 by Association for Image Processing, Poland (http://www.tpo.org.pl/news_txt.htm)

Teaching

Undergraduate Program
Computer Fundamentals, Structured Programming, Matlab Programming, Electrical Circuits, Digital Electronics, Digital Image Processing, Artificial intelligence, Digital Signal Processing, Discrete Mathematics, Computer Graphics and Visualization

Graduate Program
Digital Imaging Informatics, Computer Vision, Artificial Neural Networks, IT Management, Data Mining

Awards

1. Best Paper Award in the International conference on Informatics, Electronics & Vision (ICIEV2013), May 17-18, 2013, Dhaka University, Bangladesh, http://www.iciev.org

2. Best presenter award in the International Conference on Computer Vision and Graphics (ICCVG2004), Warsaw, Poland, September 2004, Association for Image Processing, Poland, http://www.tpo.org.pl/news_txt.htm

PhD Thesis Supervision

1. Md. Golam Moazzam, "Vehicle Detection and Speed Monitoring through Image Processing," PhD conferred in 2020.
2. Liton Jude Rozario, "Image Analysis for Object Understanding," PhD conferred in 2019.

3. Sushil Kumar Paul, "Robust Face Recognition using Facial Features," PhD conferred in 2016.
4. Morium Akter, "Estimation of Chronic Disease Progression and Complications," PhD conferred in 2015.
5. Md. Motiur Rahman, "Enhancement and Analysis of Organ Specific Ultrasound Image," PhD conferred in 2014.

Patents

1. Hwee Kuan Lee and M. Shorif Uddin, "Physics-based restoration technique for microscopy images degraded by non-uniform light attenuation and scattering," Singapore Patent Number: 173902, Grant Date: 03 Jul 2014.
2. T. Shioyama and M. Shorif Uddin, "A support system for blind people," Japanese patent, 2005.

Keynote Speeches

1. "Applications of AI Against COVID-19 Pandemic," IEEE Computer Society Bangladesh Chapter International Lecture Series, Dhaka, Bangladesh, 17 May 2020.
2. "Prospects of AI in the Fight Against COVID-19," AI Web Series 2020, Dept. of CSE, BBD University, Lucknow, India, 2-3 May 2020.
3. "Generative Adversarial Network for Data Generation in Energy Management," ICAEM 2019, Jodhpur Institute of Engineering and Technology (JIET), Jodhpur, India, 20-21 December 2019.
4. "Deep CNN with Transfer Learning in Visual Recognition," ICACM 2019, Jagannath University, Jaipur, India, 13-14 April 2019.
5. "Deep Neural Networks - A Novel Way to Develop Intelligent Systems," SocPros 2018, VIT University, Vellore, India, 17-19 December 2018.
6. "Role of Standards and Codes for Electrical Engineers," VIT University, Vellore, India, 19 December 2018.
7. "Artificial Intelligence - A Novel Mechanism for Automation," Daffodil ICT Carnival, Daffodil International University, Dhaka, Bangladesh, 12 February 2018.
8. "Artificial Neural Network – A Novel Way to Develop Intelligent Systems," South Asian University, New Delhi, India, 18 January 2018.
9. "Fuzzy-Based Image Enhancement for Subsequent Analysis: Present Status and Future Challenges," SocPros 2016, Thapar University, Patiala, India, 23-24 December 2016.
10. "Problems and Prospects of University - Industry Collaborations in Rapid Changing Tech World," IIUC, Chittagong, IEEE Bangladesh Section, 29 October 2016.
11. "Problems and Prospects of Vision-Based Gait Analysis for Human Indentification," in ICIREMPS 2016, SIRT, Bhopal, India, 27-28 February 2016.
12. "A Blending of ICT with Environment," in the 1st IT Festival of JUITS, Jahangirnagar University, Bangladesh, 25 April 20015.
13. "Enabling Computer Vision in Solving Real Life Problems," in ICIREMPS 2015, SIRT, Bhopal, India, 19-22 February 2015.
14. "Enabling Imaging and Computer Vision in Solving Real Life Problems," in ICEE-RTRI 2015, SKCT, Coimbatore, India, 2-3 January 2015.
15. "Image Processing and Computer Vision: Techniques and Challenges," in ICCIT 2014, Daffodil International University, Dhaka, Bangladesh, 22-23 December 2014.
16. "Enabling Biological Discoveries through Imaging Informatics," in ICEEICT 2014, MIST, Dhaka, Bangladesh, 10-12 April 2014.

Books

1. M. Shorif Uddin, M. Z. Rahman, A. A. Mamun, Lab Works on Basic Electrical Engineering, Popular Books, Dhaka, 2011 (ISBN: 81-219-0374-2).
2. M. G. Moazzam and M. Shorif Uddin, Hand Book of Modern Digital Electronics, Brothers Publication, Dhaka, 2010.

Journal and Conference Publications

Prof. Shorif published around 120 research papers in internationally reputed journals including Applied Optics, Optics Express, IEEE Trans. ITS, IOP Measurement of Science and Technology, Microscopy and Microanalysis, Brain informatics and international conferences in USA, Japan, Australia, Canada, Singapore, Poland, Austria and Bangladesh. He also delivered keynote speeches in some international conferences in home and abroad.

Journal Papers:

1. Mahbuba Begum and M. Shorif Uddin, "Analysis of Digital Image Watermarking Techniques through Hybrid Methods," Advances in Multimedia, Vol. 2020, Article ID 7912690 (Hindawi). https://doi.org/10.1155/2020/7912690 ESCI (Web of Science) and Scopus Indexed
2. Sushil K Paul, S. Bouakaz, C M Rahman, M. Shorif Uddin, "Component-based face recognition using statistical pattern matching analysis," Pattern Analysis and Applicatins, vol. 23, July 2020, (Springer Nature), https://doi.org/10.1007/s10044-020-00895-4, SCIE (Web of Science) and Scopus Indexed
3. Marjia Sultan, Tasniya Ahmed, Partha Chakraborti, Mahmuda Khatun, Rakib Hasan Riyad, M. Shorif Uddin, "Object Detection using Template and HOG Feature Matching," International Journal of Advanced Computer Science and Applications (IJACSA), SAI Organization, Vol. 11, No. 7, pp. 233-238, July 2020, https://dx.doi.org/10.14569/IJACSA.2020.0110730 ESCI (Web of Science) and Scopus Indexed
4. Md. Asadur Rahman,Farzana Khanam, Mohiuddin Ahmad, M. Shorif Uddin, "Multiclass EEG signal classification utilizing Rényi min-entropy-based feature selection from wavelet packet transformation," Brain Informatics, Vol. 7:7, 2020, (Springer Nature), https://doi.org/10.1186/s40708-020-00108-y, Scopus Indexed
5. Md. Zahid Hasan, Shakhawat Hossain, M. Shorif Uddin, Mohammad Shahidul Islam, "A Generic Feature Extraction Approach for Dealing with Multiple Attribute Decision Analysis Problems under Risk and Uncertainty," Engineering, Technology & Applied Science Research, Vol. 10, No. 3, pp. 5775-5783, 2020. ESCI (Web of Science) Indexed
6. R. Mostafiz, M. M. Rahman, M. Shorif Uddin, "Gastrointestinal polyp classification through empirical mode decomposition and neural features," SN Applied Sciences Vol. 2, No. 1143, 2020 (Springer Nature), https://doi.org/10.1007/s42452-020-2944-4 ESCI (Web of Science) Indexed
7. Tarek Habib, Md. Jueal Mia, M. Shorif Uddin, Faruk Ahmed, "An In-Depth Exploration of Automated Jackfruit Disease Recognition," Journal of King Saud University - Computer and Information Sciences, (Elsevier, Science Direct), 2020. https://doi.org/10.1016/j.jksuci.2020.04.018, ESCI (Web of Science) and Scopus Indexed
8. Amina Khatun, Mohammad Reduwanul Haque, Rabeya Basri, M. Shorif Uddin, "Single Image Dehazing: An Analysis on Generative Adversarial Network," Journal of Computer and Communications, Vol. 8, pp.127-137, April 2020. https://doi.org/10.4236/jcc.2020.84010
9. Tasnim Ahmed, Mst. Shahnaj Parvin, M. Reduanul Haque, M. Shorif Uddin, "Lung Cancer Detection Using CT Image Based on 3D Convolutional Neural Network," Journal of Computer and Communications, Vol. 8, pp. 35-42, March 2020. https://doi.org/10.4236/jcc.2020.83004
10. Mahbuba Begum and M. Shorif Uddin, "Digital Image Watermarking Techniques: A Review," Information, Vol. 11, No. 110, 2020, (MDPI). https://doi.org/10.3390/info11020110 ESCI (Web of Science) and Scopus Indexed
11. Moushumi Zaman Bonny, M. Shorif Uddin, "A Technique for Panorama-Creation using Multiple Images," International Journal of Advanced Computer Science and Applications (IJACSA), SAI Organization, Vol. 11, No. 2, pp. 741-746, Feb. 2020. https://dx.doi.org/10.14569/IJACSA.2020.0110293 ESCI (Web of Science) and Scopus Indexed
12. Md. Zahid Hasan, Shakhawat Hossain, M. Shorif Uddin, Mohammad Shahidul Islam, "A Generic Approach for Weight Assignment to the Decision Making Parameters," International Journal of Advanced Computer Science and Applications (IJACSA), SAI Organization, Vol. 10, No. 11, pp. 512-519, Nov. 2019, https://dx.doi.org/10.14569/IJACSA.2019.0101170 ESCI (Web of Science) and Scopus Indexed
13. Md. Asadur Rahman, M. Shorif Uddin, Mohiuddin Ahmad, "Modeling and classification of voluntary and imagery movements for brain–computer interface from fNIR and EEG signals through convolutional neural network," Health Information Science and Systems (Springer Nature), Vol. 7, No. 22, 2019, https://doi.org/10.1007/s13755-019-0081-5 ESCI (Web of Science) and Scopus Indexed
14. Md. Abdur Rashid and M. Shorif Uddin. " Factors Influencing Public Sector e-Procurement System in Bangladesh: From a Critical Literature Review to a Conceptual Framework." IOSR Journal of Engineering (IOSRJEN), vol. 09, no. 11, 2019, pp. 19-27, Nov. 2019.
15. Mohammad Reduanul Haque, Shifat Jaman, Md Golam Saklayen, Md. Mohsin Khondoker, Abu Bakkar Siddik, Umme Sara, M. Shorif Uddin, "Towards the development of an energy-efficient smart home through IoT," International Journal of Advanced Technology and Engineering Exploration, Vol 6(58), pp. 208-216, Sept. 2019, http://dx.doi.org/10.19101/IJATEE.2019.650052
16. Md. Al Mamun, Morium Akter, M. Shorif Uddin, "A Survey on Matching of Shoeprint with Reference Footwear in Forensic Study," Journal of Computer and Communications, Vol. 7, pp. 1-5, September 2019, https://doi.org/10.4236/jcc.2019.79002

17. Md. Golam Moazzam, M. Reduanul Haque, M. Shorif Uddin, "Image-Based Vehicle Speed Estimation," Journal of Computer and Communications, Vol. 7, pp. 1-5, May 2019, https://doi.org/10.4236/jcc.2019.76001
18. Md. Golam Moazzam, M. Reduanul Haque, M. Shorif Uddin, "Image-Based Vehicle Recognition using Neural Network," International Journal of Computer Sciences and Engineering, Vol.7, No. 5, pp.948-954, May 2019, https://doi.org/10.26438/ijcse/v7i5.948954
19. Umme Sara, Morium Akter, M. Shorif Uddin, "Image quality assessment through FSIM, SSIM, MSE and PSNR- A comparative study," Journal of Computer and Communications, Vol. 7, pp. 8-18, March 2019, https://doi.org/10.4236/jcc.2019.73002
20. Aditi Sarker, Morium Akter, M. Shorif Uddin, "Simulation of hazy image and validation of haze removal technique," Journal of Computer and Communications, Vol. 7, No. 2, pp. 62-72, (February 2019), https://doi.org/10.4236/jcc.2019.72005
21. Md. Tarek Habib, Anup Majumder, A.Z.M. Jakaria, Morium Akter, M. Shorif Uddin, Farruk Ahmed, "Machine vision-based papaya disease recognition," Journal of King Saud University – Computer and Information Sciences 32 (2020) 300–309 (Elsevier, Science Direct), https://doi.org/10.1016/j.jksuci.2018.06.006 ESCI (Web of Science) and Scopus Indexed,
22. Morium Akter, Liton Jude Rozario, M. Shorif Uddin, "Gait Recognition for Security and Surveillance System- A Review," International Journal of Computer Science and Information Security, Vol. 16, No. 6, pp. 143-149, (June 2018).
23. Moushumi Zaman Bonny and M. Shorif Uddin, "Image Stitching Algorithm: An Optimization between Correlation-Based and Feature-Based Method," International Journal of Computer Science and Information Security, Vol. 16, No. 6, pp. 150-157, (June 2018).
24. Amatul Bushra Akhi, Farzana Akter, Tania Khatun, M Shorif Uddin, "Recognition and Classification of Fast Food Images," Global Journal of Computer Science and Technology: Graphics and Vision, vol. 18, No. 1, (2018).
25. Md. Golam Moazzam, Tanzila Rahman, M. Shorif Uddin, "Effective Techniques for Reduction of Impulse, Gaussian and Speckle Noises," International Journal of Computer Science and Information Security, Vol. 14, No. 7, pp. 589-604, (July 2016).
26. Sushil Kumar Paul, M. Shorif Uddin, Saida Bouakaz, "Component Based Face Recognition using Feature Matching through Hu Moment Invariants," International Journal of Computer Science and Information Security, Vol. 14, No. 6, pp. 589-604, (June 2016).
27. Liton J. Rozario, Tanzila Rahman, M. Shorif Uddin "Segmentation of the Region of Defects in Fruits and Vegetables," International Journal of Computer Science and Information Security, Vol. 14, No. 5, pp. 399-406, (May 2016).
28. Masashi Yamaguchi, Hiroyuki Yamada, Kimitaka Higuchi, Yuta Yamamoto, Shigeo Arai, Kazuyoshi Murata, Yuko Mori, Hiromitsu Furukawa, M Shorif Uddin, and Hiroji Chibana, "High-voltage electron microscopy tomography and structome analysis of unique spiral bacteria from the deep sea," Microscopy (Oxford University Press), Vol. 65, pp. 1-7, (2016), https://doi.org/10.1093/jmicro/dfw016 SCIE (Web of Science) and Scopus Indexed
29. M. Motiur Rahman, Mithun Kumar PK, M. Shorif Uddin, "Optimum Threshold Parameter Estimation of Bidimensional Empirical Mode Decomposition Using Fisher Discriminant Analysis for Speckle Noise Reduction," International Arab Journal of Information Technology, 12(5), 456-464, (2015). SCIE (Web of Science) and Scopus Indexed
30. Liton Jude Rozario, Mohammad Reduanul Haque, Md. Ziarul Islam, M. Shorif Uddin, "Vehicle Classification Using Gabor Filter and Support Vector Machine," Artificial Intelligence and Applications, Vol. 2, No. 1, pp. 1-7, (Feb. 2015).
31. Tanzila Rahman, Liton J. Rozario, M. Shorif Uddin "An Efficient Approach for Removal of Impulse Noise from Highly Corrupted Images," SOP Transactions on Signal Processing, Vol. 2, No. 1, pp. 28-35, (Jan. 2015).
32. Motiur Rahman, Mithun Kumar PK, M. Shorif Uddin, "Optimum Threshold Parameter Estimation of Wavelet Coefficients using Fisher Discriminant Analysis for Speckle Noise Reduction," International Arab Journal of Information Technology, 11(6), 573-581 (2014). SCIE (Web of Science) and Scopus Indexed
33. M. Shorif Uddin, Akkas Ali, M. Motiur Rahman, Mithun Kumar, Gauhar Arefin, "Speckle Noise Reduction fromUltrasound Images using Principal Component Analysis in Nonlinear Diffusion Domain," Jahangirnagar University Journal of Science, Vol. 37, No. 1, pp. 105-115, (2014).
34. Sushil Kumar Paul, M. Shorif Uddin, Saida Bouakaz, "Face Recognition using Weighted Facial Feature Values of Eyes, Nostrils and Mouth Areas," Journal of Computer Science and Software Applications, Vol. 1, No. 2, pp. 78-97, (Dec. 2014).

35. Morium Akter, M. Shorif Uddin, Md. Atiqul Islam, "A Mobile-Based System for Management of Hypertension with Diabetes," Journal of Computer Science and Software Applications, Vol. 1, No. 2, pp. 98-107, (Dec. 2014).
36. Mahbuba Begum, Md. Golam Moazzam, M. Shorif Uddin, "Quantitative Analysis on Robustness of FLD and PCA-based Face Recognition Algorithms" International Journal of Computer Applications, Vol. 99, No. 19, pp. 10-14, (Aug. 2014).
37. Liton Jude Rozario, Mohammad Reduanul Haque, Md. Ziarul Islam, M. Shorif Uddin, "Quantitative Analysis of PCA, ICA, LDA and SVM in Face Recognition," International Journal of Computer, Information, Systems and Control Engineering Vol.8 No.9, pp. 1448-1451, (Sep. 2014).
38. Morium Akter and M. Shorif Uddin, "A Review on Automated Diagnosis of Diabetic Retinopathy " International Journal of Aadvanced Computer Technology, Vol. 3, No. 10, pp. 1161-1166, (Oct. 2014).
39. Morium Akter and M. Shorif Uddin, "Morphology-Based Exudates Detection in Diabetic Retinopathy" Advances in Biomedical Science and Engineering, Vol. 1, No. 1, pp. 43-53, (Sept. 2014).
40. Sonia Corraya and M. Shorif Uddin, "Global Contrast Enhancement for Effective Medical Image Segmentation" ULAB Journal of Science and Engineering, ISSN: 2079-4398, vol. 4, pp. 17-22, (Nov. 2013).
41. D Das, M. Shorif Uddin, "Data mining and neural network techniques in stock market prediction: A Methodological review," International Journal of Artificial Intelligence & Applications, 4{1}, pp. 117-127, (Jan. 2013).
42. M. Motiur Rahman, Mithun Kumar PK, Abdul Aziz, M. G. Arefin, M. Shorif Uddin, "Adaptive anisotropic diffusion filter for speckle noise reduction for ultrasound image." Int. J. Convergence Computing, (Inderscience Publisher's) Vol. 1, No.1, pp 50-59, (2013).
43. Mahbuba Ferdous, Mahmuda Ferdous, M. Shorif Uddin, "Invisible Watermarking Technique for Copyright Protection," Journal of Imaging and Vision Research, ISSN: 2306-5613, Vol. 1, No. 2, pp. 2-6, (2012).
44. Sushil Kumar Paul, M. Shorif Uddin, Saida Bouakaz, "Extraction of Facial Feature Points from CDF using Otsu Thresholding," Journal of Imaging and Vision Research, ISSN: 2306-5613, Vol. 1, No. 2, pp. 7-13, (2012).
45. Madeena Sultana, Sabrina Sharmin, Farhana Sabrina, M. Shorif Uddin, "An Improved Approach for Localization of Text Regions from Complex Document Images," ULAB Journal of Science and Engineering, ISSN: 2079-4398, vol. 3, pp. 24-29, (2012).
46. M. Shorif Uddin, Tanzila Rahman, Umme Sayma Busra, and Madeena Sultana, "Automated Extraction of Text from Images using Morphology Based Approach," International Journal of Electronics & Informatics, Vol. 1, No. 1, pp. 14-19, (2012).
47. Sushil Kumar Paul, M. Shorif Uddin, Saida Bouakaz, "Extraction of Facial Feature Points Using Cumulative Histogram," IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 1, No 3, pp. 44-51, (2012).
48. M. Motiur Rahman, Abdul Aziz, Mithun Kumar PK, M. A. Naim Uddin Rajiv, M. Shorif Uddin, "An Optimized Speckle Noise Reduction Filter for Ultrasound Images using Anisotropic Diffusion Technique, International Journal of Imaging and Robotics, Vol. 8, No. 2, pp. 55-60, (2012).
49. M. Motiur Rahman, M. Azim, Mina, M. Shorif Uddin, "Speckle Noise Reduction in Ultrasound Images by Wavelet Thresholding based on Subband Mean Difference," International Journal of Tomography and Statistics, Vol. 20, No. 2, pp. 91-97, (2012).
50. Madeena Sultana, Moushumi Zaman Bonny, M. Shorif Uddin, "Video Text Extraction using Discrete Wavelet Transform," Jahangirnagar University Journal of Electronics and Computer Science, Vol. 13, pp. 5-10, (2012).
51. M. Shorif Uddin, Madeena Sultana, Md. Ziarul Islam, "Fast Holographic Image Reconstruction using Graphics Processing Unit," ULAB Journal of Science and Engineering, ISSN: 2079-4398, vol. 2, pp.35-41, (2011).
52. M.N. Haque, M. Shorif Uddin, "Accelerating Fast Fourier Transformation for Image Processing using Graphics Processing Unit," Journal of Emerging Trends in Computing and Information Sciences, ISSN 2079-8407, vol. 2, no. 8, pp. 367–375, (2011).
53. M. Shorif Uddin, Hwee Kuan Lee, Stephan Preibisch, Pavel Tomancak, "Restoration of uneven illumination in light sheet microscopy images," Microscopy and Microanalysis (Microscopy Society of America), vol. 17, no. 4, pp. 607-613, (2011), https://doi.org/10.1017/S1431927611000262 SCIE (Web of Science) and Scopus Indexed
54. Mehnaz Tabassum and M. Shorif Uddin, "Extraction of ROI in Geographical Map Image,"Journal of Emerging Trends in Computing and Information Sciences (ISSN 2079-8407), vol. 2, No. 5, pp. 237-242, (2011).

55. M. Mosaddik Hasan, M. Motiur Rahman, M. Shorif Uddin, "Extraction of 3D Heart Shape using CT Image," International Journal of Computing Technology, Vol. II, No. 1, (2011).
56. M. Shorif Uddin and Morium Akter, "Development of a Knowledge-Based Diagnosis and Management System for Diabetes Mellitus through Web", ULAB Journal of Science and Engineering, ISSN: 2079-4398, vol. 1, pp.37-41, (2010).
57. M. Motiur Rahman, M. Shorif Uddin, M. Mosaddik Hasan, "3D Segmentation and Visualization of Left Coronary Arteries of Heart Using CT Images," IJCA Special Issue on Computer Aided Soft Computing Techniques for Imaging and Biomedical Applications, pp. 88-92, (2010).
58. M. Motiur Rahman, M. Shorif Uddin, M. Mosaddik Hasan, Ahmed Kamal "Effects of Different Structuring Elements in 3D Segmentation of Left-Coronary Arteries using CT Images," Essence Donetsk National University: Natural Sciences Journal, pp. 285-288, (2010).
59. Hwee Kuan Lee, M. Shorif Uddin, S. Sankaran, S. Hariharan, Sohail Ahmed, "A field theoretical restoration method for images degraded by non-uniform light attenuation: An application for light microscopy," Optics Express (Optical Society of America), vol. 17, no. 14, pp. 11294-11308, (2009), https://doi.org/10.1364/OE.17.011294 SCIE (Web of Science) and Scopus Indexed
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