

International Conferences

1. M M Shahidul Hassan and Orchi Hassan, "Injection Ratio and Storage Time of a Non-uniformly Doped Schottky Barrier Diode." International Conference on Electrical and Computer Engineering (ICECE), Dhaka, Bangladesh, pp. 127–130, Dec.18-20, 2012.
2. Md. Imran Momtaz and M. M. Shahidul Hassan, "Analytical expression for storage time And injection ratio of a non-uniformly doped n-Si SBD," International Conference on Devices, Circuits and Systems (ICDCS – 2012), Karuny University, Coimbatore, India, March 15-16, 2012.
3. M. M. Shahidul Hassan, "Outcome Based Engineering Education: A paradigm shift," ICECE 2012 Conference, Dhaka, Bangladesh
4. Chowdhury, M. I. B. and Hassan, M. M. Shahidul, "Analytical modeling of base transit time considering recombination in the non-uniformly doped base," International Symposium on Humanities, Science & Engineering Research (SHUSER), Kuala Lumpur, Malaysia, pp. 117 - 122, June 05-07, 2011.
5. Islam, S.M.M., Arafat, Y, Chowdhury, I.B., Khan, M.Z.R. and Hassan, M.M.S., "Base transit time of a Heterojunction Bipolar Transistor with Gaussian doped Base," International Conference on Electrical and Computer Engineering (ICECE), Dhaka, Bangladesh, pp. 127 – 130, Dec. 18-20, 2010.
6. Chowdhury, M.I.B. and Hassan, M.M.S., "Analysis of base transit time for a bipolar junction transistor considering base current," International Conference on Electrical and Computer Engineering (ICECE), Dhaka, Bangladesh, pp. 20 - 24 , Dec. 18-20, 2010.
7. Hassan, M.M.S. and Chowdhury, M.I.B., "Effect of majority carrier current on the base transit time of a BJT for exponential doping," IEEE International Conference of Electron Devices and Solid-State Circuits (EDSSC), Hong Kong, pp. 1 – 4, Dec. 15-17, 2010.
8. Arafat, Y., Khan, M.Z.R., Hassan, M.M.S., "Analytical modeling of base transit time for a Si1-yGe heterojunction bipolar transistor," Electron Devices and Solid-State Circuits, EDSSC 2009. IEEE International Conference , 25-27 Dec. 358 – 361, 2009.
9. Chowdhury, M.I.B. and Hassan, M.M.S. "Base transit time of a bipolar junction transistor considering majority-carrier current", International Conference on Electrical and Computer Engineering (ICECE), Dhaka, Bangladesh, pp. 133 - 138 , Dec. 20-22, 2008.
10. Md. Ziaur Rahman Khan, M. M. Shahidul Hassan and Touhidur Rahman, "New Expression for Base Transit Time in an Exponentially Doped Base Bipolar Transistor for All Levels of Injection," Proceedings of the 15th International Conference on Microelectronics, ICM 2003, pp. 340 - 343, December 9 -11, 2003, Cairo, Egypt, ISBN number : 977-05-2010-1, IEEE Catalog number : 03EX686.
11. A New Technique for Determining Base Transit Time of a Bipolar Junction Transistor Electrical and Computer Engineering, International Conference on Electrical and Computer Engineering (ICECE), Dhaka, Bangladesh, 19-21 Dec. 56 – 59, 2006.
12. Touhidur Rahman, M. M. Shahidul Hassan and Md. Ziaur Rahman Khan, "Analytical Model for Base Transit Time of a Bipolar Transistor with Gaussian-Doped Base," 3rd International Conference on Electrical & Computer Engineering ICECE 2004, pp. 478 – 481, Dhaka, Bangladesh, 28-30 December 2004, ISBN: 984-32-1804-4.
13. M. M. Shahidul Hassan, Md. Ziaur Rahman Khan and Touhidur Rahman, "Analytical Base Transit Time of a Bipolar Transistor Considering Field Dependent Mobility," 3rd International Conference on Electrical & Computer Engineering, ICECE 2004, pp. 482 – 485, Dhaka, Bangladesh, 28-30 December 2004, ISBN: 984-32-1804-4.

14. M. Z. Rahman Khan and M.M.S. Hassan and Touhidur Rahman, "New Expression for Base Transit Time in an Exponentially Doped Base Bipolar Transistor for All Levels of Injection," proceedings of the 15th international conference for Microelectronics (ICM03), Cairo, Egypt, 9-11 December 2003, pp 340-343.
15. Md. Ziaur Rahman and M. M. S. Hassan, "Analytical Expression of Collector Current Density and Base Transit time in an Exponential Doped Base Bipolar Transistor for all levels of Injection," ICECE2002, 26-28 December 2002, Bangladesh, pp. 120-123.
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17. Farseem M. Mohammedy and M. M. S. Hassan, "A Distributed Transmission Line Model for the Base Transit Time of a nonuniformly Doped Bipolar Junction Transistor," ICECE2002, 26-28 December 2002, Bangladesh, pp. 132-135.
18. M. A. Abedin and M. M. S. Hassan, "Analytical Base Transit Time Model of a Bipolar Junction Transistor Considering Kirk Effect," ICECE2002, 26-28, December 2002, Bangladesh, pp. 136-129.
19. M. M. Shahidul Hassan, " Base Transit Time of a Bipolar Transistor Considering Field Dependent Mobility," IEB Conference, pp. 102-106, October 23-25, 2002.
20. M. A. Abedin and M. M. Shahidul Hassan, "Analytical Base Transit Time Model of a Uniformly Doped Base Bipolar Transistors Considering Kirk Effect," IEB Conference, pp. 65-69, October 22-25, 2002.
21. M. M. Shahidul Hassan, A. N. Khondker and H. Domingos, " Conduction Mechanism in BJT's during Electrical Overstress," EOS/ESD Symposium Proc., USA, pp. 280-286, 1987.
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Area : Higher Education

1. M. M. Shahidul Hassan¹ and Omiya Hassan, "Higher Education and Creation of Jobs in Bangladesh", World Conference on Teaching and Education, Budapest, Hungary, October 18 – 20, 2019 , pp. 75-80.
2. M M Shahidul Hassan, "Revamping Higher Education in Bangladesh", Proceedings of 53rd ISERD International Conference Zurich, Switzerland, 30th-31st October 2016, ISBN: 978-93-86291-23-3
3. M M Shahidul Hassan, "National Framework for Engineering Education Delivery Models in South Asia", Socio-int15- International Conference on Education Social Sciences and Humanities, Istanbul, Turkey, 8-10 June 2015, pp19-25.
4. M M Shahidul Hassan, "Challenges and Opportunities for Engineering Education in Bangladesh," IEOM Symposium on Global Engineering Education, December 19, 2015, Dhaka, Bangladesh.

5. M. M. Shahidul Hassan, "Implementing Outcome Based Engineering Education in Bangladesh," Advanced Education and Management [ICAEM2014], Jan 04 –Jan 06 2014, Beijing, China.
6. M. M. Shahidul Hassan, "Challenges of implementing outcome based engineering education in universities in Bangladesh," 7th International Conference on Electrical and Computer. <https://ieeexplore.ieee.org/abstract/document/6471562>gineering, 2012.
- 7 .M. M. Shahidul Hassan, "Outcome Based Engineering Education: A paradigm shift," ICECE 2012 Conference, Dhaka, Bangladesh.