## BIBILOGRAPHY

## BIBLIOGRAPHY

[1] Armando Roy Delgado, Rich Picking and Vic Grout, "Remote-Controlled Home Automation Systems with Different Network Technologies", Centre for Applied Internet Research (CAIR), University of Wales, NEWI, Wrexham, UK, October, 2014.

- [2] Prof. Mamata Bhamare, Tejashree Malshikare, Renuka Salunke, Priyanka Waghmare, "GSM Based LAN Monitoring and Controlling", International Journal of Modern Engineering Research (IJMER) www.ijmer.com,ISSN 2249-6645,Vol.2, Issue.2, pp-387-389, Mar-Apr 2012.
- [3] Avigyan Datta Gupta, Sayan Samanta, Avishek Acharjee, "Cell phone Based Device Control With Voice Acknowledgement", International Journal of Emerging Technology and Advanced Engineering (IJETAE) <u>www.ijetae.com</u>, ISSN 2250-2459, Volume 2, Issue 10, October, 2012.
- [4] M.Can Filibeli,Oznur Ozkasap,M.Reha Civanlar, "Embedded web server-based home appliance networks", Journal of Network and Computer Applications ISSN 1095-8592 Volume 2, Issue 30 pp:499–514, April 2007
- [5] Soumya Sunny P, Roopa .M, "Data Acquisition and Control System Using Embedded Web Server", International Journal of Engineering Trends and Technology, ISSN: 2231-5381 <u>www.internationaljournalssrg.org</u>, Volume3, Issue3, pp: 411-414, 2012
- [6] Bamigboye, O. O., Ehiagwina F. O., Kehinde O. O., Adebayo A. K, "Development of a PC Based Home Automation System For Appliances Control", 8<sup>th</sup> International conference of the school of Engineering and Environmental, 18-20 July, 2016
- [7] Vaishnavi S. Gunge , Pratibha S. Yalagi, "Smart Home Automation: A Literature Review", International Journal of Computer Applications, www.ijcaonline.org ISSN: 0975-8887, pp:6-10, 2016.
- [8] Types of Wireless Communication and Its Applications, <u>https://www.elprocus.com/</u> types-of-wireless-communication-applications/,December, 2014.
- [9] Jinsoo Han, Chang-Sic Choi, Ilwoo Lee, "More Efficient Home Energy Management System Based on ZigBee Communication and Infrared Remote Control", IEEE Transactions on Consumer Electronics, ISSN-0098 3063, Vol. 57, No. 1, February 2011.

- [10] <u>R. Piyare</u>, <u>M. Tazil</u>, "Bluetooth based home automation system using cell phone", 2011 IEEE 15th International Symposium on Consumer Electronics (ISCE), ISBN :978-1-61284-842-6 14-17, PP:192-195, June, 2011.
- [11] Khusvinder Gill, Shuang-Hua Yang, Fang Yao, Xin Lu, "A ZigBee-Based Home Automation System", IEEE Transactions on Consumer Electronics, ISSN: 0098-3063, Vol. 55, No. 2, MAY, 2009.
- [12] Prof. Dr. Ashok J, Chavan J. J, Patil P. V, Naik P. S, "Advanced Control Web Based Home Automation with Raspberry Pi", International Journal of Advance Research, Ideas and Innovations in Technology, Volume3, Issue2, PP: 221-223, 2017.
- [13] Rozita Teymourzadeh, Salah Addin Ahmed, Kok Wai Chan, Mok Vee Hoong "Smart GSM based Home Automation System", 2013 IEEE Conference on Systems, Process & Control (ICSPC2013), At Kuala Lumpur, Malaysia, December, 2013.
- [14] Dhiraj Sunehra, Vemula Tejaswi, "Implementation of speech based home automation system using Bluetooth and GSM", <u>2016 International Conference on Signal</u> <u>Processing, Communication, Power and Embedded System (SCOPES)</u>, 3-5 Oct. 2016.
- [15] <u>Ravi Kishore Kodali</u>, <u>Vishal Jain</u>, <u>Suvadeep Bose</u>, <u>Lakshmi Boppana</u>, "IoT based smart security and home automation system", <u>2016 International Conference on</u> <u>Computing</u>, <u>Communication and Automation (ICCCA)</u>, 29-30 April, 2016.
- [16] Ms.M.Malathi, A.Gowsalya, M.Dhanushyaa, A.Janani, "Home Automation On ESP8266", SSRG International Journal of Computer Science and Engineering, (ICRTECITA-2017), ISSN: 2348 8387, Special Issue March 2017.
- [17] OptoCoupler,Tutorial,<u>https://www.electronicstutorials.ws/blog/optocoupler.html</u>,July-August, 2016
- [18] GSM/GPRS Module User Manual, LinkSprite Technologies, Inc, https://www.sparkfun.com/datasheets/Cellular%20Modules/CEL-09533

## User%27s%20Manual.pdf,July,2014

- [19] AT Command Interface guide, "AT Commands GSM Reference Guide" Multitech System,<u>https://www.arcelect.com/GSM%20Developer%20Guide%20-</u> %20GSM%20AT%20Commands%20-%20Rev%20%20A.pdf
- [20] Muhammad Asadullah, Ashan Raza, "An Overview of Home Automation System", 2<sup>nd</sup> International Conference on Robotics and Artificial Intelligence (ICRAI), 2016, at Rawalpindi, Pakistan.
- [21] Apache Web server CompleteGuide, <u>https://www.dedoimedo.com/computers/www.dedoimedo.com-apache-web-server-lm.pdf</u>, July, 2016
- [22] Apache Web Server, <u>https://www.w3schools.com/php/</u>, July, 2015.
- [23] PhP MySql Database, <u>https://www.w3schools.com/php/php\_mysql\_intro.asp</u>, August, 2014
- [24] Nirav S. Uchat, "Hidden Markov Model and Speech Recognition, 2014", IIT, BomBay, November 2017.

- [25] Zoha Arfeen, Jyoti Aggarwal ,"Speech Recognition based on Hidden Markov Model Toolkit (HTK) with BODO Language", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 9, September 2016 ISSN: 2277 128X.
- [26] Steve Young, Gunnar Evermann, Thomas Hain, Dan Kershaw, "The HTK Book", Cambridge University Engineering Department, 2002.
- [27] <u>Chun-Feng Liao</u>,"Understanding the CMU Sphinx Speech Recognition System", an

article published at : https://www.researchgate.net/publication/268414151, July, 2016

- [28] Asterisk, a open source communication software, <u>https://wiki.asterisk.org/wiki/display/AST/Home</u>, September, 2016
- [29] Vinay sagar K N, Kusuma S M, "Home Automation Using Internet of Things", International Research Journal of Engineering and Technology (IRJET), p-ISSN: 2395-0072, Volume: 02 Issue: 03 Jan, 2015
- [30] Sarika Chhatwani , Dr. K.B. Khanchandani , "Embedded Web Server", International Journal of Engineering Science and Technology (IJEST), ISSN : 0975-5462 Vol. 3 No. 2 Feb 2011 pp: 1233-1238
- [31] Atmel AT89S52 Data Sheet-Keil https://www.keil.com/dd/docs/datashts/atmel/at89s52\_ds.pdf, July,2015
- [32] MAX232, IC MAX232N Datasheet, https://www.engineersgarage.com/electronic-components/max232-datasheet, July,2015
- [33] ARM Keil Tutorials, <u>http://www.keil.com/appnotes/files/apnt\_268.pdf</u>, July 2015
- [34] Microcontroller Programmer/Burner, <u>https://www.engineersgarage.com/tutorials/microcontroller-programmer-burner</u>, July,2015
- [35] Inderpreet Kaur, "Microcontroller Based Home Automation System With Security",
  (IJACSA) International Journal of Advanced Computer Science and Applications,
  Vol. 1, No. 6, December 2011
- [36] Ali Ziya Alkar, Umit Buhur, "An Internet Based Wireless Home Automation System for Multifunctional Devices", IEEE Consumer Electronics, Vol:51 Issue:4, pp:1169-1174, 2005

- [37] Mr. Abhishek Vichare, Ms. Shilpa Verma, "Embedded Web Server for Home Appliances", International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, pp-190-194, 30 March, 2012.
- [38] L. R. Rabiner, B.H. Juang, C.H. Lee "An overview of Automatic Speech Recognition," Automatic Speech and speaker Recognition, <u>The Kluwer International Series in</u> <u>Engineering and Computer Science</u> book series (SECS, volume 355) pp.1-30, 1996.
- [39] Faisal Baig, Saira Beg, Muhammad Fahad Khan, "Speaker Recognition Based Appliances Remote Control for Severely Disabled, Low Vision and Old Aged Persons" An Official Journal of the Indian National Academy of Engineering, March 2018, Volume 3, <u>Issue-1</u>, pp 1–9.
- [40] D. Pavithra, Ranjith Balakrishnan," IoT based monitoring and control system for home automation", <u>2015 Global Conference on Communication Technologies</u> (GCCT), 23-24 April 2015.
- [41] Wang, D., Lo, D., Bhimani, J., & Sugiura, K., "AnyControl IoT based home appliances monitoring and controlling", Proceedings - International Computer Software and Applications Conference, Vol. 3, pp. 487-492, 2015.
- [42] Ravi Kishore Kodali, Vishal Jain, Suvadeep Bose and Lakshmi Boppana, "IoT Based Smart Security and Home Automation System", Conference: 2016 International Conference on Computing, Communication and Automation (ICCCA), 2016
- [43] Md. Saidur Rahman, Saqif Masud, Shahida Sultana, "Web based electric home appliance controller and monitoring system", <u>2017 IEEE 8th Annual Ubiquitous</u> <u>Computing, Electronics and Mobile Communication Conference (UEMCON)</u>, 19-21 Oct. 2017
- [44] Hirakjyoti Sarma, Dr. Manoj Kumar Deka, "<u>Design and Development of an</u> <u>Integrated Platform for GSM, Web and Speech Based Device Controlling System</u>", IOSR Journal of Computer Engineering (IOSR-JCE), ISSN: 2278-8727, Volume 18,

Issue 3, Ver. I ,May-Jun. 2016,

- [45] Hirakjyoti Sarma, Dr. Manoj Kumar Deka, "Design of an Integrated Platform for GSM and Web Based Home Automation System", Proceedings of 2nd International Conference on Computer Science, Communication and Information Technology (CSCIT-2015), YeshwantMahavidyalaya, Nanded, Maharashtra,9-11 Feb 2015.
- [46] Hirakjyoti Sarma, Dr. Manoj Kumar Deka, "<u>A Bluetooth Based Spoken Query System</u> for Controlling Electronic Devices", International Journal of Computer Sciences and Engineering, ISSN: 2347-2693, Volume 4, Special Issue 07, December 2016.

Hirakjyoti Sarma, Dr. Manoj Kumar Deka, "An Approach To IoT Based Device

- [47] <u>Controlling System For Electrical Devices</u>", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, volume 5, Issue 08, August, 2018
- [48] Motorola G24 Developer's Guide AT Commands Reference Manual, https://www.coniugo.de/tl\_files/dateien/downloads/at/AT\_Commands\_G24.pdf, August, 2015
- [49] Dhiraj Sunehra, Vemula Tejaswi, "Implementation of speech based home automation system using Bluetooth and GSM " 2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES), 3-5 Oct., 2016.

S. Goel and M. Bhattacharya, "Speech based dialog query system over asterisk pbx

- [50] server." in 2nd International Conference on Signal Processing Signal Processing Systems (ICSPS), Dalian, July, 2010.
- [51]

Vaskar Deka, Dr. Shikhar K. Sarma, "*Building Ivr Framework Through Asterisk For Controlling Home Appliances*", International Journal of Computer Engineering & Technology (IJCET), ISSN Print: 0976-6367, Volume 9, Issue 1, , pp. 120–128, Jan-Feb 2018,

[52]

Y. Bala Krishna, S. Nagendram," Zigbee Based Voice Control System For Smart Home", International Journal of Computer Technology and Application, ISSN: 22296093, Vol 3, Issue 1, pp:163-168, 2012.

- [53] Ahmed Ali, Steve Renals, "Word Error Rate Estimation for Speech Recognition: e-WER", Proceedings of the 56<sup>th</sup> Annual Meeting of the Association for Computational Linguistics, pp: 20–24 Melbourne, Australia, July 15 - 20, 2018.
- [54] Overview of various electronic components,<u>https://www.elprocus.com/major-</u> electronic-components/, October, 2015.
- [55] An Open Source Speech Recognition Tools CMU Sphinx Speech at CMU, www.speech.cs.cmu.edu/sphinx/doc/Sphinx.html, Carnegie Mellon University, January, 2017
- [56] Ahmed ElShafee, Karim Alaa Hamed, "Design and Implementation of a WiFi Based Home Automation System", World Academy of Science, Engineering and Technology, Issue- 68, pp: 2177-2183, 2012
- [57] Teehnology, Issue 66, pp. 2177 2103, 2012
  [57] Muhammad Ali Mazidi, Janice Gillispie Mazidi, "*The 8051 Microcontroller and Embedded Systems Using Assembly and C*", Second Edition, September, 2015
- [58] David Calcutt, Fred Cowan, Hassan Parchizadeh, "8051 Microcontrollers, An Applications-Based Introduction", January, 2017
- [59] Andrea Goldsmith, Stanford University, "*Wireless Communications*", 2005 by Cambridge University Press., July, 2015

[60]

Joyanta Basu, Milton S. Bepari, Rajib Roy, Soma Khan, "*Telephony Speech Recognition System: Challenges*", National Conference on Communication Technologies & its impact on Next Generation Computing CTNGC 2012, Proceedings published by International Journal of Computer Applications® (IJCA)

- [61] Nurul Fadzilah Hasan, Mohd Ruzaimi Mat Rejab and Nurul Hidayah,
  "Implementation Of Speech Recognition Home Control System Using Arduino",
  ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 23, DECEMBER 2015 ISSN 1819- 6608.
- [62]

Jayavardhana Gubbi,a Rajkumar Buyya,b\* Slaven Marusic,a Marimuthu Palaniswamia, "Internet of Things (IoT): A Vision, Architectural Elements, and

Future Directions", Department of Electrical and Electronic Engineering and Department of Computing and Information Systems, The University of Melbourne, Vic - 3010, Australia