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Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_32165
Title of the Manuscript:	Designing and Implementation of PIC Microcontroller Based Educational Kit
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Compulsory REVISION comments		
Minor REVISION comments	The paper proposes an educational kit developed on the ability of Microchip Microcontrollers. Although the paper does not great innovations, the reviewer would reward the paper because is presented as an educational paper in which the need of educational kit is absolutely important. I only suggest two things to do: 1) Reduce the as much as possible the paragraph II on the PIC 16F877 for example reducing the dimension of fig. 1. These information are findable on the datasheet. 2) Improve the references. Here I suggest some papers that show some applications for PIC and an application on the realization of a Remote Laboratory also using a PIC. List of papers: 1) C. De Vito, V. Ferrini, S. Mignardi, M. Cagnetti, F. Leccese: "Progress in Carbon Dioxide Sequestration via Carbonation of Aqueous Saline Wastes," Periodico di Mineralogia, Edizioni Nuova Cultura, Vol. 81, No 3, 2012, DOI: 10.2451/2012PM0019, ISSN: 2239-1002. 2) F. Leccese: "Remote-Control System of High Efficiency and Intelligent Street Lighting Using a ZigBee Network of Devices and Sensors," Power Delivery, IEEE Transactions on, Volume: 28 , Issue: 1, 2013, Page(s): 21 – 28, DOI: 10.1109/TPWRD.2012.2212215, ISSN: 0885-8977. 3) F. Leccese, M. Cagnetti, A. Calogero, D. Trinca, S. Di Pasquale, S. Giarnetti, L. Cozzella: "A New Acquisition and Imaging System for Environmental Measurements: an	



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	Experience on the Italian Cultural Heritage," Sensors (Basel) Special Issue on "Sensors for Cultural Heritage Diagnostics," 2014 May 23; 14(5):9290-312. doi: 10.3390/s140509290. http://www.mdpi.com/1424-8220/14/5/9290. 4) F. Leccese, M. Cagnetti, A. Ferrone, A. Pecora, L. Maiolo: "An Infrared Sensor Tx/Rx Electronic Card for Aerospace Applications," Proc. of Metrology for Aerospace, IEEE International Workshop on, Benevento, Italy, May 29-30, 2014. Pag. 84-88. doi: 10.1109/MetroAeroSpace.2014.6865948. 5) F. Leccese, M. Cagnetti, D. Trinca: "A Smart City Application: A Fully Controlled Street Lighting System Is Based on Raspberry-Pi Card, a ZigBee Sensor Network and WiMAX" Sensors - Special Issue on "Sensors and Smart Cities," 2014, 14(12), 24408-24424; DOI: 10.3390/s141224408. http://www.mdpi.com/1424-8220/14/12/24408. 6) F. Leccese: "A Cheap Wi-fi Instrumentation Remote Control Platform for Electric and Electronic Didactic Laboratory" - 17th Symposium IMEKO TC 4 - Measurement of Electrical Quantities 15th International Workshop on ADC Modelling and Testing 3rd Symposium IMEKO TC 19 - Environmental Measurements "Instrumentation for the Information and Communication Technology Era" Kosice, Slovakia, September 8 - 10, 2010, ISBN 978-80-553-0424-3. eid=2-s2.0-84872547236. The first five papers deal on PIC application, the six is an example of Remote Laboratory.	
<u>Optional/General</u> comments		

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