

กติกาการตีพิมพ์ สามารถส่งบทความผ่านทางระบบ Online Journal Submission <http://ist-journal.mut.ac.th/> คู่มือสำหรับผู้พิมพ์ (User Manual For Author)

The screenshot displays the website for the Journal of Information Science and Technology (JIST). At the top, there are logos of various partner universities including DPU, SPU, and KMUTNB. The main navigation menu on the left includes 'Call for Paper', 'Main Menu', 'Published Papers List', 'Submission', 'Login', and 'Contact Address'. The 'Submission' section is highlighted with an orange box and contains a 'Submit paper' button. The 'Login' section has a 'User Manual For Author' link and a 'Login' button. The central content area provides information about the journal, including its ISSN (1906-9533), a list of published papers, and submission windows for Volume 8 No. 1 (JAN - JUN 2018) and Volume 8 No. 2 (JUL - DEC 2018). It also features a 'HIGHLIGHT OF CURRENT ISSUE' section with two articles: 'Application of Geo-informatics to Analyze Street Light Performance...' and 'Home Surveillance Security Systems Using an ESP8266 Embedded Device'. A 'Manuscript Preparation Guideline' section is located on the right, detailing the format and length requirements for authors. The bottom of the page includes contact information for Ms. Pruegsa Duangphasuk and the IST logo.

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The screenshot shows the journal's homepage with a modal window for registration. The modal has the following fields and buttons:

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The background page includes a sidebar with navigation links (Vol.4 No.1 to Vol.7 No.2), a submission section, a contact address for Ms. Pruegsa Duangphasuk at Mahanakorn University of Technology, and a list of conferences from 2006 to 2018.

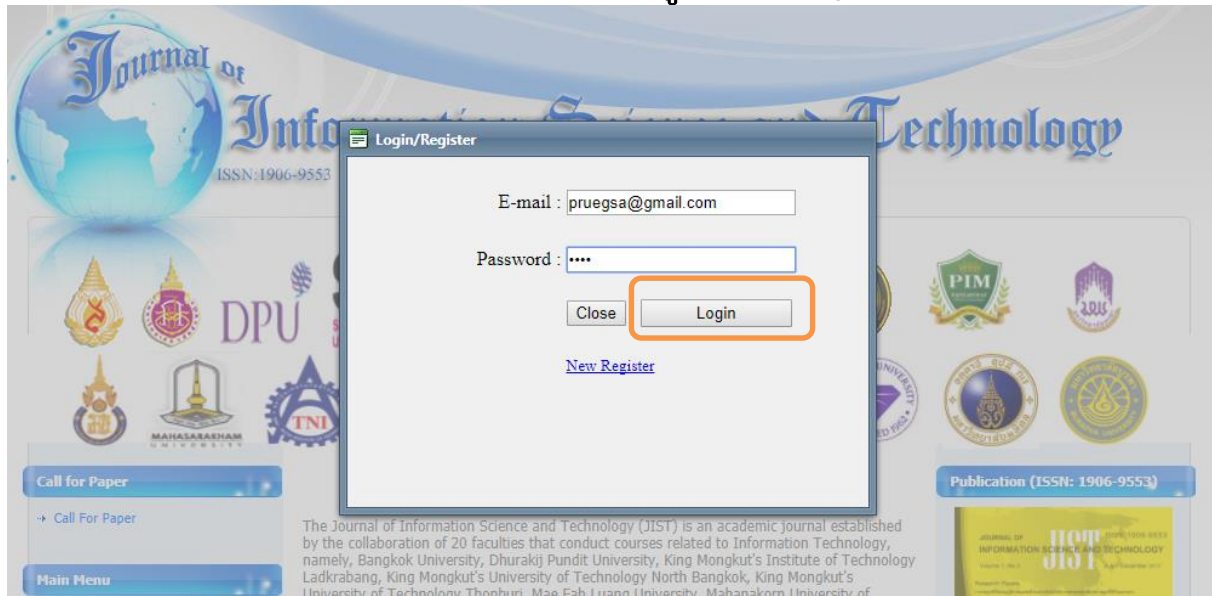
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**Application of Geo-informatics to Analyze Street Light Performance have been Affected by Air Pollution: Case study in Mueng Mahasarakham Municipality**  
By: บุญชาย ชัยศรี และ ชัยนิพนธ์ ธิสโรภักข

Geo-informatics application for analyzing the efficiency of street lighting bulbs affected by air pollution. The data collected from each pole in the study area were collected. And count the traffic from the five points of the traffic. Calculate pollution with CALINE 4 and shows the spatial data by estimating the range (IDW) and analyzing the air pollution by Cluster and Outlier technique. Pollution value of pollutants Calculate the luminous flux of the lamp. And the model that has the effect of polluting the calculations. Analysis of air pollution It found that pollutants were swarming in heavy traffic areas. Analysis of the luminous efficiency. The normal values of sodium lamps, high vapor pressure (HPS) and fluorescent (Flu) lamps are 10.56 lux and 2.16 lux respectively, as a result of carbon monoxide (CO) And particulate matter (Pm10), resulting in higher sodium vapor pressure, higher vapor pressure Fluorescent lamps and fluorescent lamps

**Home Surveillance Security Systems Using an ESP8266 Embedded Device**  
By: ไพโรจน์ เทลิ่งวงศกร, วรพล ธิลาภิขันธ์สกุล, สุรพลทิพย์ ภูมิวิสาร, พิชัยรัชย์ พิพัฒน์ธนอุดมดี

Security surveillance systems provide a peace of mind to home users. The current security problem is that most of the time such systems relies solely on CCTV security cameras. In fact, distinct factors, such as house fire or electric leakage, may have a severe impact on home users' life. Although some companies have comprehensive home security solutions, it still has a high cost and therefore cannot reach people with low incomes. Currently, embedded system technologies can help electronic devices work with various sensors to create an effective monitoring and alarm system with affordable costs. In this paper, we bring the ESP8266 Embedded Device together with sensors to create a secure home security system. With gas detection sensors, smoke detectors and CCTV motion detection, the surveillance systems can send alerts when gas leaks, smoke or motion is detected at an affordable price. <<[read full paper](#)>>

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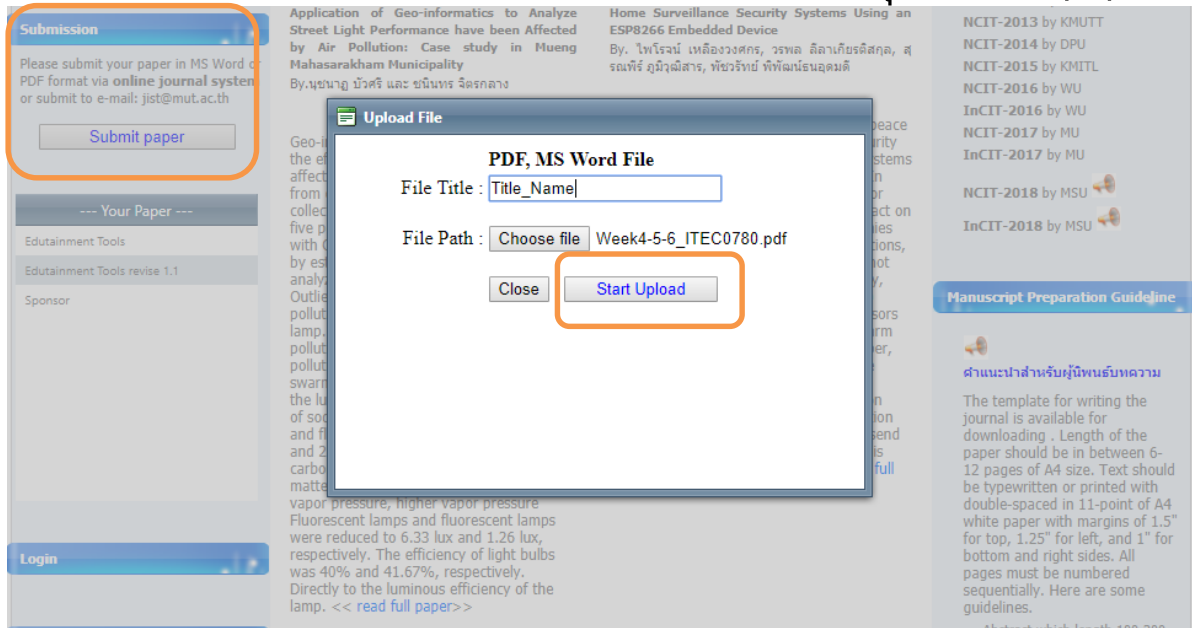
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**Manuscript Preparation Guideline**

**คำแนะนำสำหรับผู้พิมพ์บทความ**

The template for writing the journal is available for downloading . Length of the paper should be in between 6-12 pages of A4 size. Text should be typewritten or printed with double-spaced in 11-point of A4 white paper with margins of 1.5"

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Application of Geo-informatics to Analyze Street Light Performance have been Affected by Air Pollution: Case study in Mueng Mahasarakham Municipality  
By: นุชนาถ บัวศรี และ ชรินทร์ จิตรกลาวา

Geo-informatics application for analyzing the efficiency of street lighting bulbs affected by air pollution. The data collected from each pole in the study area were collected. And count the traffic from the five points of the traffic. Calculate pollution with CALINE 4 and shows the spatial data by estimating the range (IDW) and analyzing the air pollution by Cluster and Outlier technique. Pollution value of pollutants Calculate the luminous flux of the lamp. And the model that has the effect of polluting the calculations. Analysis of air pollution It found that pollutants were swarming in heavy traffic areas. Analysis of the luminous efficiency. The normal values of sodium lamps, high vapor pressure (HPS) and fluorescent (Flu) lamps are 10.56 lux and 2.16 lux respectively, as a result of carbon monoxide (CO) And particulate matter (Pm10), resulting in higher sodium vapor pressure, higher vapor pressure Fluorescent lamps and fluorescent lamps were reduced to 6.33 lux and 1.26 lux, respectively. The efficiency of light bulbs was 40% and 41.67%, respectively. Directly to the luminous efficiency of the lamp. << [read full paper](#)>>

Home Surveillance Security Systems Using an ESP8266 Embedded Device  
By: ไพโรจน์ เหลืองงงศกร, วราพล ลีลาเกียรติสกุล, สุรณพรี ภูมิวุฒิสาร, พิชัยวิทย์ ทิพย์มณฑลคุณดี

Security surveillance systems provide a peace of mind to home users. The current security problem is that most of the time such systems relies solely on CCTV security cameras. In fact, distinct factors, such as house fire or electric leakage, may have a severe impact on home users' life. Although some companies have comprehensive home security solutions, it still has a high cost and therefore cannot reach people with low incomes. Currently, embedded system technologies can help electronic devices work with various sensors to create an effective monitoring and alarm system with affordable costs. In this paper, we bring the ESP8266 Embedded Device together with sensors to create a secure home security system. With gas detection sensors, smoke detectors and CCTV motion detection, the surveillance systems can send alerts when gas leaks, smoke or motion is detected at an affordable price. << [read full paper](#)>>

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## Manuscript Preparation Guideline



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