

# **PEMANFAATAN LUMPUR HITAM SISA PENGOLAHAN SAWIT (*SPENT EARTH*) SEBAGAI TANAH TIMBUNAN**

**Masyita Dewi Koraia**

Staf Pengajar Jurusan Teknik Sipil Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## **ABSTRACT**

*Research of SPTH for stabilization have been done by Hikmah (2005). The research conclude SPTH have value of CBR 9%, and still possible improved by mixing SPTH with other materials, especially able to reduction oil of SPTH when hot weather. This research, testing physical characteristic and chemistry of SPTH, test TCLP (Toxicity Characteristic Leaching Prosedure), test compaction with various variation of materials composition. CBR test to see its strength value. Result of research conclude that residu of oil at SPTH very big to Lubrication between clay, causing degrade value of CBR. Considering value of CBR which tend to degrading with addition % SPTH, so SPTH only can be used at floor of building / street owning low tension.*

**Keywords: SPTH, CBR, TCLP**

# ANALIS KUALITAS PERMUKAAN HASIL PROSES PENGAMPELASAN LOGAM

**Karmin**

Staf Pengajar Jurusan Teknik Mesin Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139  
e-mail: karmin@polsri.ac.id

## ABSTRACT

*In activity manufactory, sometimes required a certain criterion which is concerning surface quality. A lot of machining process having same ability to reach the quality of object surface work, but in difficult fact sometimes conducted to certain object form needed have to chosen the alternate other. Abrasive paper one of unique tool which hitherto still be produced and marketed which its meaning this tool still be defended its existence for the sake of as a means of difficult processes material especially done mechanically and or which unable to process other; dissimilar to reach the required criteria crudity. Theoretically the roughness result with the workmanship of machine or appliance, irrespective not even eye appliance but material even also can influence this matter. This tool has a lot of abrasive choice grit item provided which perhaps will be result the different roughness. At same applying grit emery to substance having different hardness also will be result the different surface crudity also. As according to examination result by grit abrasive paper (60-1200) crudity capable to be reached for the processes of material carbon steel (0,04-099  $\mu\text{m}$ , brass (0,05-1,54  $\mu\text{m}$ ), Copper (0,08-1,69  $\mu\text{m}$ ), Aluminum (0,14-1,93  $\mu\text{m}$ )*

**Keywords:** *Grit abrasive paper, materials, and roughness.*

# **PENGARUH KEMIRINGAN CETAKAN MANGKOK TERHADAP TEKANAN INJEKSI DAN *FILLING CLAMP FORCE***

**Sairul Effendi**

Staf Pengajar Jurusan Teknik Mesin Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139  
e-mail: S\_effendi@Polsri.ac.id

## **ABSTRACT**

*Plastic usage up to now still stay. More than anything else if seeing from excess had [by] the plastic [of] like light, is not fragile and cheap if its making [is] [done/conducted] massly. One of [the] usefulness of plastic product is to household equipments, the example that is mug. Plastic mug [of] many used [by] because is not fragile and cheaper compared to with the ceramic mug or glass mug. Form the mug sold have all kinds of its inclination. One of [the] process of plastic mug that is with the process of injection molding. Converse to [regarding/ hit] the process of injection molding mean to converse to [regarding/ hit] the pressure of hypodermic and style clamping. pressure of Hypodermic and imprecise style clamping will influence quail product as well as will affect [at] usage energy. [At] this research, [is] [done/conducted] [by] a simulation with six variation [of] of size measure [of] inclination from mug. Simulation [done/conducted] to get the [relation/link] [of] [among/between] inclination with the pressure of hypodermic and clamping force (style grasp). From research result got [by] that addition of mug inclination.*

**Keywords: injection molding, hypodermic pressure, clamp force, simulation.**

# **ANALISA TEGANGAN STATIS KURSI RODA SM-800 BERDASARKAN ISO 7176**

**Muchtar Ginting**

Staf Pengajar Jurusan Teknik Mesin Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## **ABSTRACT**

*Wheel chair is one of health rehabilitation equipment which the function as a desk and short transportation for patient, so the construction must be calm and safety in the function. To state it, the strength construction component will be analyzed and calculated and then will be compared with ISO 7176 standard. The result of the strength component calculation for static force show that the first, Armrest, Footrest, Handgrips dan Tipping Levers is bigger than the force in ISO 7176 standard. So safety to use this components. And the second the force of handles component is smaller than ISO 7176 standard, so it must be revision to get best quality and safety according to the function.*

**Keywords: wheel chair, static strength, ISO 7176**

# **KONTROL ROBOT SECARA WIRELESS DENGAN MODULASI FM (*FREQUENCY MODULATION*) – FSK (*FREQUENCY SHIFT KEYING*)**

**Ibnu Ziad**

Staf Pengajar Jurusan Teknik Elektro Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139  
e-mail: [ibnu\\_ziad@polsri.ac.id](mailto:ibnu_ziad@polsri.ac.id)

## **ABSTRACT**

*Solid human being activity and increasing sometime neglect at security and safety of somebody soul. Others observation and also controlling from worker of fire extinguisher to location - reached difficult and flammable location also less. Therefore fire represent the especial problems is town metropolis in this time. To avoid the fire danger, hence robot use very needed by in the place of human being role. The robot designed by exploiting radio wave as media control. In this fire extinguisher robot system, control the robot use the technique of modulation FM (Frequency Modulation) - FSK (Frequency Shift Keying) what is controlled by operator from long distance. Others is also provided with by the camera wireless to monitor the circumstance of about to the reason of security.*

**Keywords:** *Frequency Modulation, Frequency Shift Keying*

# TITIK PULANG POKOK SEBAGAI ALAT PERENCANAAN LABA JANGKA PENDEK PERUSAHAAN

**Periansya**

Staf Pengajar Jurusan Akuntansi Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## ABSTRACT

*Break Even Point (BEP) can be defined as a situation where the operating company does not earn profits or incur losses (total revenue = total cost). Break even point existence can determine how much to desire his company's profits in the periods or vice versa because the BEP can be known what level of sales in order not to losses or how many units were sold for a minimum sale of the company is not losing. Utilization of BEP technique is very good for companies that operate continuously. As part of the short-term profit planning the preparation can provide policy direction to sales made by the management in anticipation of the all conditions of uncertainty in the future. With the break even point then the company can also find out if the company is running efficiently.*

**Keywords: Break Even Point, Fixed Cost, Variable Cost**

# AUDIT INVESTIGASI

**Bainil Yulina<sup>1</sup>, L. Vera Riama P<sup>2</sup>**

<sup>1,2</sup> Staf Pengajar Jurusan Akuntansi Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## ABSTRACT

*Investigative audit is part of the control management implementation in the internal audit activity, and also to other audits, such as financial audits and compliance audit. The audit procedures for examination and the nature of the examination follow the rules or the internal audit methodology. Investigative audit is better known for investigating fraud audit or fraud examination. Investigative audit results should not be leaked to unauthorized parties informed the findings of both internal and external.*

**Keywords: Audit, Audit investigation, Management**

# **PENTINGNYA ANALISIS KREDIT DALAM PEMBERIAN KREDIT CALON DEBITUR YANG DILAKUKAN OLEH BANK**

**Sulaiman**

Staf Pengajar Jurusan Akuntansi Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## **ABSTRACT**

*Financial aspect in credit application takes an important part that should be analyzed to analyze a debtor financial condition. For example, the Bank give credit to prospective debtor, financial aspect, and also analysis technique requirement results, 5C principles by analysis credit to avoid the rating of risks become less that is character, capacity, capital, collateral and condition. In given credit to the debtor, the bank has to pay attention to the requirement aspect of the business debtor, that is the managerial and organization aspect, marketing aspect, financial aspect, law aspect and social economic aspect. Financial aspect and administrative procedure will influence credit amount from the bank to the debtor.*

***Keywords: Credit Application, 5C Principles, Requirement, Prospective Debtor***



## **BEBERAPA KEMUNGKINAN KESALAHAN DALAM TAHAP PENGUMPULAN DATA PENELITIAN**

**Kiagus Zainal Arifin**

Staf Pengajar Jurusan Akuntansi Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

### **ABSTRACT**

*The important part of research is collecting data. There are many research ignore this procedur caused the data which has been collected is invalid and unreliable. The conclusion, or statement from the research based on this way will be so doubtful. The are some ways are known to colect data like sensus, sampling and case study. From the third ways above, sampling method is common used to the research, with some reason like financial available, time lack, and resources. Eventhough sampling method contain many error possibility inparticulary in technic and instrument of collecting data. This writing is to try to describe the statement above.*

***Keywords: Reliable, Valid, Sensus, Sampling, Instruments of data collecting***

***POLITICAL WILL PEMERINTAH: UPAYA MEMBANGUN  
USAHA KECIL DAN MENENGAH (UKM) INDONESIA  
MENGHADAPI ERA PASAR BEBAS***

**M. Syahirman Yusi**

Staf Pengajar Jurusan Administrasi Niaga Politeknik Negeri Sriwijaya

Jln. Srijaya Negara Bukit Besar-Palembang 30139

e-mail: msyusi@gmail.com

**ABSTRACT**

*Small and medium enterprise which its existence should be developed in order to exist in global market. As a base of national economic, small and medium enterprise not only becomes an institution which members are small and medium scale industries, but also becomes an absolute economic power in determining national economics' power and behaviour itself. In realizing it, small and medium enterprise must have an ability to become an autonomous institution outside the government. It is reached, if government has political will to empower them through public policy that is regulation, deregulation, moneter and fiscal policy. Without that it's hard for them to develop themselves in the future.*

***Keywords: small and medium enterprise, government political will, regulation and deregulation, moneter and fiscal policy***

# MENGEMBALIKAN DATA ARSIP YANG HILANG PADA KOMPUTER MENGUNAKAN *COMMAND PROMPT*

**Muhammad Riska Maulana Effendi<sup>1</sup>, Nur Aini<sup>2</sup>**

<sup>1</sup> Staf Pengajar Jurusan Administrasi Niaga Politeknik Negeri Sriwijaya

<sup>2</sup> Staf Pengajar Jurusan Manajemen Informatika Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## ABSTRACT

*The emergence of computer technology has many great contributions to the development of the archival world, the archive data storage to the system manual batch processing up to the filing system on-line data processing to the network-based system. However, in line with the progress of the electronic records system, as it was also a lot of programs popping up that computer viruses can destroy data files that are created. The loss of data files from a folder computer, because infected by computer viruses. How it works is very simple virus, which changes every existing folder in the computer. One simple way to reinstate the hidden data archive can be done by using programs that use the command prompt attrib command in Windows.*

**Keywords:** *Data file, Command prompt, Attrib.*

# **HARGA RELATIF SEBAGAI REGRESOR PADA FUNGSI PERMINTAAN UANG**

**Delta Khairunnisa**

Staf Pengajar Jurusan Manajemen Informatika Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## **ABSTRACT**

*Non parametric demand analysis is used in order to establish admissible monetary aggregates and also to establish a potential rule for relative prices in the money demand function. A conventional money demand specification is then contrasted with a money demand function which contains the relative price of durables, non durables and services as additional regressors. Evidence from long run co integration analysis, short run error correction models and non nested testing all conform a role for relative prices in the Indonesia personal sector's money demand function.*

**Keywords:** *Money demand function, Relative price, Regressors, Co integration analysis, Error correction model*

**EFEKTIVITAS PENGGUNAAN METODE GABUNGAN  
TERHADAP PENGAJARAN PARAGRAF (STUDI EKSPERIMEN)  
DI SMA MUHAMMADIYAH 2 PALEMBANG**

**Lindawati**

Staf Pengajar UP.MPK Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

**ABSTRACT**

*The aim of the research is to know the effectiveness of two combination methods (lecture and discussion) as a method to improve students' understanding to paragraph teaching. The hypotheses of the research are the two combination method is more effective than the one combination method to improve paragraph teaching, the use of two combination method is more effective to teach at the second class of social science than that of science, and there is interaction between method and study program. Method used in the research is quasi experiment and ANOVA factorial is applied. The population is 358 students. The sample is only 120 students. Sample is taken by using Multi Stage Sample and Stratified Purposive Technique is applied. The conclusions are the use of two combination method is more effective than that of one combination method, there is no significant difference between the use of one combination method and two combination method, and there is no interaction between method and study program.*

**Keywords:** *Effectiveness, Combination Method, Paragraph*

# ANALISIS SOSIOPRAGMATIK WACANA IKLAN BERBAHASA INDONESIA

**Desma Yasnetti**

Staf Pengajar UP. MPK Politeknik Negeri Sriwijaya  
Jln. Srijaya Negara Bukit Besar Palembang-30139

## ABSTRACT

*Using un-effective words cause messages which are speaking to consumer is not reach the target. But, advertisement need a very good appealing which cover very good language, contextual, and easy to understand. This condition is causing an ambiguous for most of people. There is an opinion that the word in advertisement must not be using Indonesian language wrong and true. When making advertisement concern good Indonesian language using subject, predicate, the words will be used very long and Un-attractive. Advertisement is a watching products which wrapped in a link consist of signs, illusions, manipulation, and meaning. Information through advertisement is implemented direct or un-direct to perception, meaning, and behavior of people. This paper will explain the choice of words which is used in advertisement words. Hoping with the next explanation, it can find the good words for advertisement so it can attract people when they see, read, and watch it.*

***Keywords: Advertisement, Language, Word choice, Communicative***

# PERLINDUNGAN HUKUM TERHADAP PENUMPANG ANGKUTAN UDARA AKIBAT ADANYA KLAUSULA EKSONERASI

**Liza Utama**

Staf Pengajar UP.MPK Politeknik Negeri Sriwijaya

Jln. Srijaya Negara Bukit Besar Palembang-30139

e-mail: [liza\\_tama@yahoo.com](mailto:liza_tama@yahoo.com)

## ABSTRACT

*This research is to find the law protection to the passengers who have loss as the effect of mention exoneration clausal and also to see legal consequences of the mention exoneration clausal in the document air transportation. The problem in this research is how is the law protection to the passenger which has loss as the effect of mention exoneration clausal and what are legal consequences of the mention exoneration clausal in the document air transportation. The methodology in this research is library research. The result of this study shows that passenger have law through section 62 sentence 1 and section 63, act No. 8 year of 1999 about Consumer Protection. Besides that, other law protection that give to the passenger of air transport is compensatory to the passenger air transport as arranged in section 4 sentence 8 act No. 8 year 1999 jo section 43 sentence 4 PP No. 3 year 2000 about Change for PP No. 40 year 1995 about Air Transport. Besides that, the mention exoneration clausal in the document air transportation have legal consequences null and void according to section 18 articles 3, act No. 8 year of 1999 about Consumer Protection.*

**Keywords:** *Exoneration Clausal, Passenger Ticket*