

BUKU PROGRAM

SNAPTTEKMAS 2019

Seminar Nasional Aplikasi Teknologi Pada Masyarakat

Tema : Penerapan Perkembangan Teknologi untuk Meningkatkan Nilai Ekonomi Masyarakat



Pusat Penelitian dan Pengabdian kepada Masyarakat

Politeknik Negeri Sriwijaya

Jalan Sriwijaya Negara, Palembang 30139

Telp.0711-353414 fax. 0711-355918

Website : www.polsri.ac.id E-mail : p3m@polsri.ac.id

BUKU PROGRAM

SNAPTEKMAS

(Seminar Nasional Aplikasi Teknologi pada Masyarakat) 2019

Tema :

“Penerapan Perkembangan Teknologi untuk Meningkatkan Nilai Ekonomi Masyarakat “

Palembang, 9-10 Oktober 2019
Hotel The Excelton Palembang

Diterbitkan oleh :



**Pusat Penelitian dan Pengabdian kepada Masyarakat
Politeknik Negeri Sriwijaya**

Jl. Srijaya Negara, Palembang 30139

Telp. 0711-353414 Fax. 0711-355918

Website: <http://www.polsri.ac.id/> Email : p3m@polsri.ac.id

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Susunan Dewan Redaksi

SNAPTEKMAS 2019

(Seminar Nasional Aplikasi Teknologi pada Masyarakat) 2019

Pelindung

Direktur Politeknik Negeri Sriwijaya (Dr. Ing. Ahmad Taqwa, M.T)

Pengarah

Pembantu Direktur I (Carlos R.S. S.T., M.T.)

Pembantu Direktur II (Aladin S.E., M.Si., Ak. CA.)

Pembantu Direktur III (Ir. Irawan Rusnadi, M.T.)

Pembantu Direktur IV (Drs. Zakaria M.Pd.)

Penanggung Jawab

Ketua PPPM (Ir. Jaksen M. Amin, M.Si.)

Sekretaris PPPM (Dr. Rita Martini, S.E., M.Si, Ak.)

Ketua Pelaksana

Ade Silvia Handayani, S.T., M.T.

Sekretaris

Leni Novianti, S.Kom., M.Kom.

Reviewer

Prof. Dr. Nurul Taufiqu Rochman, M.Eng, Ph.D (LIPI)

Dr. R. Wisnu Nurcahyo, DVM (Universitas Gadjah Mada)

Dr. Untung Santoso, M.Si. (Universitas Muhammadiyah Malang)

Marieska Verawati, Ph.D. (Universitas Sriwijaya)

Dr. Eng. Sidiq Syamsul Hidayat, S.T., M.T. (Politeknik Negeri Semarang)

Dr. Ir. Rusdianasari, M.Si. (Politeknik Negeri Sriwijaya)

Dr. Rita Martini, SE., M.Si., Ak. (Politeknik Negeri Sriwijaya)

Dr. Ir. Irwin Bizzy, M.T. (Universitas Sriwijaya)

Herlambang Saputra, M.Kom., Ph.D. (Politeknik Negeri Sriwijaya)

Nyayu Latifah Husni, S.T., M.T. (Politeknik Negeri Sriwijaya)

Dr. Marieska Lupikawati, S.E., M.M. (Politeknik Negeri Sriwijaya)

Pridson Mandiangan, SE, M.M. (Politeknik Negeri Sriwijaya)

KATA PENGANTAR

Puji dan syukur kehadirat Allah SWT, Tuhan Yang Maha Esa yang terus mencurahkan rahmat dan karunia-Nya kepada kita semua, serta dengan izinNya **SNAPTEKMAS 2019 (Seminar Nasional Aplikasi Teknologi pada Masyarakat)** dengan tema “Penerapan Perkembangan Teknologi untuk Meningkatkan Nilai Ekonomi Masyarakat”, dapat terlaksana dengan baik dan Prosiding ini dapat diterbitkan.

Seminar Nasional Aplikasi Teknologi untuk Masyarakat 2019 (SNAPTEKMAS 2019) bertujuan untuk memberikan media publikasi kepada para dosen di Indonesia untuk mendeseminasikan hasil kegiatan pengabdian kepada masyarakat serta menumbuhkan inspirasi untuk melakukan berbagai program pengabdian kepada masyarakat untuk meningkatkan kualitas hidup masyarakat.

Kegiatan ini dilaksanakan bersamaan dengan The 3rd FIRST 2019 International Conference, dengan tema “Integration of Advanced Technology to Enhance Social Welfare”, bekerjasama dengan Management and Science University (MSU), Malaysia and National Chin-Yi University of Technology (NCUT), Taiwan.

Akhir kata, kami mengucapkan terima kasih kepada Pimpinan Politeknik Negeri Sriwijaya, Pemakalah, Peserta, Reviewer, Panitia, dan Sponsor yang telah berupaya menyukseskan Seminar Nasional ini. Semoga Allah SWT, Tuhan Yang Maha Esa meridhoi semua usaha baik kita.

Palembang, 9 Oktober 2019

Editor

KATA SAMBUTAN DIREKTUR POLITEKNIK NEGERI SRIWIJAYA

Dengan mengucapkan syukur kepada Tuhan, saya menyambut dengan gembira pelaksanaan SNAPTEKMAS (Seminar Nasional Aplikasi Teknologi pada Masyarakat) 2019 yang kali pertama berlangsung tanggal 9-10 Oktober 2019 di Palembang diselenggarakan oleh Pusat Penelitian dan Pengabdian kepada Masyarakat Politeknik Negeri Sriwijaya (Polsri). Sebagai tuan rumah, Polsri merasa sangat terhormat dengan kehadiran para peserta dan pemakalah seminar dari berbagai Universitas dan Politeknik di Indonesia, yaitu Universitas Sriwijaya, Universitas Lampung, Universitas Batanghari Jambi, Universitas Muhammadiyah Palembang, Universitas Kristen Duta Wacana, Universitas Tridinanti Palembang, Politeknik Jambi, STMIK MDP, STMIK Palcomtech, serta Institut Informatika dan Bisnis Darmajaya Lampung.

SNAPTEKMAS 2019 merupakan ajang ilmiah untuk memaparkan kegiatan dan hasil pengabdian kepada masyarakat, dengan tema “Penerapan Perkembangan Teknologi untuk Meningkatkan Nilai Ekonomi Masyarakat”. Seminar ini diselenggarakan bersamaan dengan Seminar Internasional The **3rd FIRST 2019** International Conference yang diikuti dari beberapa negara yaitu Malaysia, Japan, Taiwan dan Brunai, serta 38 Perguruan Tinggi di Indonesia.

Pembicara pada seminar ini adalah :

1. Prof. Dr. Nurul Taufiqu Rochman, Profesor Riset, Pusat Penelitian Fisika LIPI serta Dewan Riset Nasional
2. Prof Tjiptohadi Sawarjuwono, M.Ec., Ph.D., Dosen Universitas Airlangga
3. Dr. R. Wisnu Nurcahyo, DVM, Dosen Universitas Gadjah Mada

Kegiatan seminar ini juga didukung oleh PT. Bukit Asam, PT. Semen Baturaja, Bank Mandiri serta PT. PUSRI.

Dengan segala kerendahan hati kami mengucapkan terima kasih kepada para peserta dan para pembicara atas partisipasinya, serta kepada panitia yang telah menyelenggarakan kegiatan ini.

Akhir kata diucapkan selamat berseminar, atas nama Politeknik Negeri Sriwijaya, diucapkan terima kasih atas kerjasama yang baik dan saling mendukung demi suksesnya kegiatan seminar ini. Semoga karya-karya yang dipaparkan akan menginspirasi kita semua.

Palembang, 9 Oktober 2019

Direktur Politeknik Negeri Sriwijaya

SESI PARALEL SNAPTEKMAS 2019

Hari/ Tanggal : Rabu/09 Oktober 2019
 Ruang : Diamante 3 (M Floor)
 Waktu : 13.00 – 16.30
 Jumlah Artikel : 20
 Moderator : Pridson Mandiangan, S.E., M.M. dan Marieska Verawaty, Ph.D.

ID	Time	Authors	Title	Affiliation
1328	13.08 – 13.16	Yosi Apriani, Wiwin A. Oktaviani, Ade Arinia Rasyad	Ipteks Untuk Layanan Kesehatan Cuma-Cuma (LKC) Dompot Dhuafa Palembang	Universitas Muhammadiyah Palembang
1684	13.16 – 13.24	Marieska Verawaty, Eka Lidiasari, Parwiyanti Parwiyanti, Friska Syaiful	Pembuatan Nata De Coco Di Desa Tanjung Pering, Kecamatan Inderalaya Utara, Kabupaten Ogan Ilir	Universitas Sriwijaya
1361	13.24 – 13.32	Martini, Thoyib, Hartati, Winarko	Pengelolaan Sumber Dan Penggunaan Kas Panti Asuhan	Polsri
1378	13.32 – 13.40	Mariskha Z, Rita Martini, Maria Agustin	Harga Pokok Produksi Untuk Penentuan Harga Jual Kain Tenun Songket Melati Desa Burai, Kabupaten Ogan Ilir	Polsri
1650	13.40 – 13.48	Marieska Verawaty	Kerajinan Tangan Herbarium Di Desa Pulau Semambu, Kecamatan Inderalaya, Kabupaten Ogan Ilir	Universitas Sriwijaya
1562	13.48 – 13.56	Masayu Anisah, Nyayu Latifah Husni, Eza Erlisa	Pengenalan Elektronika Untuk Menumbuhkan Kreatifitas Anak Usia Dini Pada Dunia Teknologi	Polsri
1565	13.56 – 14.04	Ery Hartati, Usnia Wati Keristin	Usaha Rumahan Laundry Ibu Rumah Tangga Di Kecamatan Sekip Jaya Palembang	STMIK MDP
1573	14.04 – 14.12	Novarini, Sukadi, Okka Raisa Lestari	Peningkatan Proses Pengeringan Kerupuk Ikan Di Desa Tengah Kecamatan Pelayangan Kota Jambi	Politeknik Jambi
1579	14.12 – 14.20	Rezania Agramanisti Azdy, Febriyanti Darnis	Pemanfaatan Teknologi Informasi Dalam Mengolah Pesanan Dan Pendaftaran Pelatihan Pada Industri Kuliner	STMIK Palcomtech
1586	14.20 – 14.28	Rosa Delima, Joko Purwadi, Halim Budi	Penguatan Kapasitas Kelompok Tani Harjo Dan Tani Rahayu	Universitas Kristen Duta Wacana

		Santoso, Argo Wibowo	Dalam Komputerisasi Pendataan Petani.	
1587	14.28 – 14.36	Ikhthison Mekongga, Ervi Cofriyanti, Isnainy Azro	Pelatihan Sistem E-Learning Menggunakan Edmodo Pada Guru Smp Negeri 3 Palembang	Polsri
1592	14.36 – 14.44	Irnanda Pratiwi, Rosmalida Permatasari, Ozkar Firdausi Homza	Produksi Biogas Dari Limbah Kotoran Sapi Dengan Digester Fixed Drum	Universitas Tridinanti Palembang
1608	14.44 – 14.52	Hendra Hadiwijaya, Febrianty, Darmawi	Perbaikan Manajemen Usaha Dan Permodalan Pada Ukm Di Kabupaten Banyuasin	Palcomtech
1619	14.52– 15.00	Marieska Verawati, Ekalidiasari Ekalidiasari, Fiska Syaiful	Penjernihan Air Di Desa Tanjung Pering, Kecamatan Inderalaya Utara, Kabupaten Ogan Ilir	Universitas Sriwijaya
1621	15.00 – 15.08	Yuniar Yuniar, Sofiah Sofiah, Martha Aznury, jaksen m amin	Pemanfaatan Kepala Ikan Gabus Sebagai Bahan Baku Pembuatan Kemplang	Polsri
	15.08 – 15.16	BREAK		
1638	15.16 – 15.32	Fatria, Aisyah Suci Ningih, Zurohaina, Endang Suprptiah	Pendampingan Pembuatan Abon Udang Dengan Metode Deep Frying And Pan Frying Di Darma Wanita Kabupaten Banyuasin	Polsri
1784	15.32 – 15.40	Afrizawati Afrizawati, Marieska Lupikawaty, Dewi Fadila, Sari Lestari, Paisal Paisal, Hendra Sastrawinata	Evaluasi Penerapan Strategi Harga, Produk Dan Distribusi Penjualan Pada Usaha Kue Rumahan Uti Palembang	Polsri
1788	15.40 – 15.48	Anggeraini Oktarida, Bainil Yulina, Evada Dewata, Sarikadarwati, Yuliantina Aryani, Sulaiman	Komputerisasi Persediaan Dan Penjualan Kain Tenun Khas Daerah Pada Centra Tenun Tajung Palembang	Polsri
1789	15.48 – 15.56	Hadi Jauhari, Elvia Zahara, Yusleli Herawati, Titi Andriyani, Ummasyroh	Penyuluhan Izin Edar Produk Industri Rumah Tangga Dan Izin Usaha Mikro Kecil Pada Usaha Kue Rumahan Uti Palembang	Polsri
1797	15.56 – 16.04	Nyayu Latifah Husni, Ekawati Prihatini, Evelina, Rici Riansyah, Adhe Praja Prasetyo, Kharina Anjani	Peningkatan Minat Anak di Bidang Robotika	Polsri

SESI PARALEL SNAPTEKMAS 2019

Hari/ Tanggal : Rabu/09 Oktober 2019
 Ruang : Diamante 4 (M Floor)
 Waktu : 13.00 – 16.30
 Jumlah Artikel : 20
 Moderator : Dr. Rusdianasari dan Dr. Febrianty

ID	Time	Authors	Title	Affiliation
1438	13.08 – 13.16	Idha Silviyati , Meilianti , Adi Syakdani , Agus Manggala	Sosialisasi Pembuatan Bata Ringan Atau Hebel (Celcon) Berbasis Semen Portland Type I Di Pt Semen Baturaja (Persero)Tbk.	Polsri
1657	13.16 – 13.24	Ibrahim, Fadhila Firdausa, Kosim	Pelatihan Dasar Perhitungan Gaya Dalam Dengan Program Sap 2000 Pada Dinas Perumahan Dan Kawasan Permukiman Kabupaten Seluma	Polsri
1659	13.24 – 13.32	Selastia Yulianti	Teknologi Vacuum Frying Untuk Penggorengan Keripik Jamur Tiram Di Desa Talang Bubuk Plaju Palembang	Polsri
1666	13.32 – 13.40	Muhammad Yerizam, Husaini, Fadarina, Herlisya Diana, Marlisa	Pengolahan Tepung Mocaf Menjadi Biskuit Mocaf Di 10 Ilir Kecamatan Ilir Timur Tiga Kota Palembang	Polsri
1680	13.40 – 13.48	Heni Siswanto, Yulia Kusuma WARDANI, Munaris Munaris, Agung Abadi Kiswandono	Pelatihan Ekonomi Kreatif Dan Edukasi Hukum Pada Masyarakat Desa Way Tuba	Universitas Lampung
1681	13.48 – 13.56	Agung Abadi Kiswandono, Nurhasanah Nurhasanah, Jamiatul Akmal	Workshop Peningkatan Kemampuan Pembuatan Detergen Cair Sebagai Upaya Mengaktifkan Pengurus Pkk Desa Fajar Baru	Universitas Lampung
1332	13.56 – 14.04	Dasir, Erliza Yuniarti, Diah Isnaini	Ipteks Bagi Usaha Kemplang Mikro	Universitas Muhammadiyah Palembang
1685	14.04 – 14.12	Yurni Oktarina, Tresna Dewi, Pola Risma	Literasi Media Islami Anak Menggunakan Metode “Satu Anak Satu Buku”	Polsri

1691	14.12 – 14.20	Indrayani, Akhmad Mirza, Andi Herius, Arfan Hasan, Darma Prabudi	Penerapan Standar Operating Procedures Pengendalian Mutu Beton Ready Mix Pada Pt. Indo Beton	Polsri
1694	14.20 – 14.28	Purwati Purwati, Mariskha Z, Esya Alhadi	Penyuluhan Tata Busana Dan Etiket Pergaulan Dalam Meningkatkan Ilmu Pengetahuan Bagi Masyarakat	Polsri
1701	14.28 – 14.36	Nyayu Latifah, Yudi Wijanarko, Ekawati Prihatini, Selamat Muslimin, Yeni Irdyanti, Destra Andika Pratama	Pengenalan Kendali Robot Sampah Berbasis Ipad Di Smpit Harapan Mulia Palembang	Polsri
1706	14.36 – 14.44	Rusdianasari, Ibnu Hajar, Indri Ariyanti, Yohandri Bow	Pengembangan Desain Kain Jumputan Palembang Untuk Meningkatkan Industri Kreatif	Polsri
1645	14.44 – 14.52	Febrianty, Fatmariansi	Penguatan Manajemen Usaha Dan Pemasaran Bagi Anak Didik Pengrajin Produk-Produk Greenpreneur Di Lpka Kelas I Palembang	Palcomtech
1720	14.52– 15.00	Melda Agarina, Susanti, Hendra Kurniawan, Yusminar, M. Ariza Eka Yusendra , Stefanus Rumangkit	Program Pengembangan Kewirausahaan Berbasis Teknologi Di Iib Darmajaya Lampung	Iib Darmajaya, Lampung
1773	15.00 – 15.08	Ibrahim, Amiruddin Amiruddin, Ika Sulianti, Agus Subrianto	Pelatihan Pekerjaan Struktur Untuk Pelaksana Lapangan Pekerjaan Gedung Di Palembang	Polsri
	15.08 – 15.16	BREAK		
1775	15.16 – 15.32	Endang Supraptiah, Fatria, Aisyah Suci Ningih, Zurohaina	Pemanfaatan Kepala Dan Kulit Udang Menjadi Kaldu Udang Di Daerah Kabupaten Banyuasin	Polsri
1780	15.32 – 15.40	Rosy Armaini , Zulkifli, Rita Martini , Sukmini Hartati,Nelly Masnila, Yevi Dwitayanti	Pengelolaan Pembukuan Dan Pelaporan Berdasarkan Sak Emkm Pada Umkm Kcharis Jaya Palembang	Polsri
1781	15.40 – 15.48	Sunani, Nurul Aryanti, M. Nadjmuddin, Herman, Zakaria	Penerapan Inquiry-Learning Techniques Dalam Pembelajaran English For Young Learners Di Yayasan Alkahfi Cabang Palembang	Polsri
1782	15.48 – 15.56	Moehamad Ridhwan, Sri Endah	Pembuatan Pedoman Strategi Pengajaran 'English For Young	Polsri

		Kusmartini, Zulkifli, Risa	Learners' Bagi Yayasan Al-Kahfi Palembang	
1757	15.56 – 16.04	Dafrimon, Sukarman, Siswa Indra, Sri Rezki Artini, Revias Noerdin	Pekerjaan Renovasi Toilet Dan Tempat Wudhu Masjid Baitullah Di Jalan Sultan Mansyur Palembang	Polsri

SESI PARALEL SNAPTEKMAS 2019

Hari/ Tanggal : Rabu/09 Oktober 2019
 Ruang : Diamante 5 (M Floor)
 Waktu : 13.00 – 16.30
 Jumlah Artikel : 19
 Moderator : Dr. Indri Ariyanti dan Ade Silvia H, ST, MT

ID	Time	Authors	Title	Affiliation
1639	13.08 – 13.16	Silvia Fitriani, Uli Wahyuni	Pelatihan Lesson Study Dan Penulisan Laporan Penelitian Tindakan Kelas (Ptk) Bagi Guru Sekolah Menengah Kejuruan Kabupaten Sarolangun	Universiti Batanghari Jambi
1642	13.16 – 13.24	Ade Silvia Handayani, Nyayu Latifah Husni, Sopian Soim, Rumiasih, Carlos Sitompul, Ali Nurdin, Suroso	Pengembangan Materi Pembelajaran Berbasis Aplikasi	Polsri
1715	13.24 – 13.32	Ni Luh Gede Ratna Juliasih, Pigo Nauli, Nurhasanah, Agung Abadi Kiswandono	Teknik Pemasaran Sabun Cair Cuci Piring Chemlight Berbasis Online Di Desa Fajar Baru Lampung Selatan	Universitas Lampung
1728	13.32 – 13.40	Sumiharni, Heni Siswanto, Yulia Kusuma WARDANI, Munaris Munaris, Agung Abadi Kiswandono	Pelatihan Ekowirausaha Produk Detergen Dan Edukasi Hukum Dagang Di Desa Air Naningan	Universitas Lampung
1758	13.40 – 13.48	Taufikurrahman, Ella Sundari	Alat Pembuatan Minyak Virgin Coconut Oil (Vco) Untuk Industri Kecil	Polsri
1759	13.48 – 13.56	Ella Sundari, Taufikurrahman	Perbaikan Sistem Pencetakan Dan Pencairan Alumunium Di Industri Kecil Pengecoran Logam Mandiri	Polsri
1760	13.56 – 14.04	Esya Alhadi, Heri Setiawan, Fetty Maretha, Jusmawi Bustan, Rini	Perancangan Surat Bisnis Secara Elektronik Pada Kerupuk-Kemplang Dan Pempek Hj. Eva Yunus	Polsri
1762	14.04 – 14.12	K.A Ridwan, Taufiq Jauhari, Hilwatullisan, Sutini PL	Pembuatan Pakan Ternak Dari Limbah Kulit Dogan Pada Peternak Sapi Potong Di Kelurahan Sukajaya Kecamatan Sukarame Palembang	Polsri

1730	14.12 – 14.20	Ade Silvia Handayani, Nyayu Latifah, sopian soim, suroso suroso, Rumiasih Rumiasih, Carlos R Sitompul, Ahmad Taqwa	Pemanfaatan Smartphone Sebagai N Buku Saku Digital Dalam Membantu Proses Pembelajaran Di Sma Ar Rahman Palembang	Polsri
1731	14.20 – 14.28	Yulia Pebrianti, Neneng Miskiyah, Purwati Dibyantoro, Mariskha Z, L Suhairi Hazizma, markoni badri	Pengembangan Dan Positioning Produk Pada Usaha Kue Rumah Utu Palembang	Polsri
1735	14.28 – 14.36	Maria, Aladin Aladin, Firmansyah, Desi Indriasari, Endah Widyastuti, Choiruddin,	Pengelolaan Usaha Pada Usaha Mikro Kecil Menengah Di Kawasan Industri Tuan Kentang	Polsri
1748	14.36 – 14.44	Lindawati, Irma Salamah, Asriyadi, Mohammad Fadhli	Peningkatan Profesionalisme Guru Sdn 130 Palembang Melalui Pelatihan Komputer Menggunakan Aplikasi Microsoft Word	Polsri
1769	14.44 – 14.52	Zainuddin, Kosim, Sudarmadji, Raja Marpaung, Soegeng Harijadi	Pelatihan Pengelolaan Proyek Jalan Pada Pt. Semarang Jaya Prima	Polsri
1745	14.52– 15.00	Indri Ariyanti, Nita Novita, Delta Khairunnisa, Aris Ganiardi	Website Sebagai Sarana Promosi Ukm Sopyan	Polsri
1770	15.00 – 15.08	Yusri Bermawi, A Latif, Moch Absor	Pelatihan Pelaksanaan Pekerjaan Perkerasan Jalan Bagi Masyarakat Konstruksi	Polsri
	15.08 – 15.16	BREAK		
1771	15.16 – 15.32	Lisnini, Elisa, Munfaridi,G A Oka Windarti,M Yusuf	Penyuluhan Penghitungan Break Even Point Pada Usaha Kerupuk Kemplang & Pempek Hj. Eva Yunus Palembang	Polsri
1792	15.32 – 15.40	Indah Purnamasari, Ahmad Zikri, Selastia Yuliati, Lety Trisnaliani	Pendampingan Pembuatan Susu Skim Dari Kelapa Sebagai Sumber Gizi Alternatif Di Banyuasin	Polsri
1793	15.40 – 15.48	Desi Apriyanty , Indra Satriadi, Sony Oktapriandi , Hetty Meyleni	Pelatihan Pemanfaatan Aplikasi Komputer Sederhana Bagi Guru Sd Negeri 114 Palembang	Polsri

1756	15.48 – 15.56	Lina Flaviana Tilik, B. Hidayat Fuady, Djaka Suhirkam, Suhadi, Hamdi	Pelatihan Pekerjaan Pembesian Kolom Pada Rsud Talang Ubi Kabupaten Pali	Polsri
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IPTeKS UNTUK LAYANAN KESEHATAN CUMA-CUMA (LKC) DOMPET DHUAFa PALEMBANG

Paper ID : # 1328

Yosi Apriani, Wiwin A. Oktaviani, Ade Arinia Rasyad

Universitas Muhammadiyah Palembang

Email : yosi_apriani@um-palembang.ac.id, wiwin_oktaviani@um-palembang.ac.id,
adearinia74@gmail.com

Abstract From the results of the research that has been carried out a 220 watt DC to AC inverter circuit using AKI / battery has succeeded well according to the procedure. The working system of a DC inverter device is very useful for efficient use of electricity, especially in the application of medical devices at the Dompot Dhuafa (DD) Free Health Service (Palembang) in Palembang with a power of 220 watts. The working system of a 220 watt DC inverter circuit can convert DC voltage (direct voltage) to AC voltage (alternating voltage).

PEMBUATAN NATA DE COCO DI DESA TANJUNG PERING, KECAMATAN INDERALAYA UTARA, KABUPATEN OGAN ILIR

Paper ID : # 1684

Marieska Verawaty, Eka Lidiasari, Parwiyanti Parwiyanti, Friska Syaiful

Universitas Sriwijaya

Emil : marieskaverawaty@yahoo.com

Abstract One of the simple technologies that potentially improve communities' family economy is nata de coco production and preservation. Through community service program activities, the community was introduced and demonstrated on how to produce and preserve nata de coco. The activities was conducted on Tanjung Pering village, a village that currently under the Sriwijaya University Fostered Village Program, that is located in the North of Inderalaya District, Ogan Ilir Regency, South Sumatra Province. This activity aimed to introduce, train and transfer knowledge about the technology especially for low skills house wives and young women during their spare time as part of women empowerment strategy. And also for community who live around the Sriwijaya University Campus as part of Tri Dharma Perguruan Tinggi or university devotion program for community. It is hopping that by this activity, the participants gained knowledge and skills so they can independently produce nata de coco for increasing their family income. However, this empowerment activity still requires the involvement of all stakeholders in the framework of community empowerment both from the central, provincial and district governments and universities, among others through continued assistance in developing the skills of its human resources and institutions.

PENGELOLAAN SUMBER DAN PENGGUNAAN KAS PANTI ASUHAN

Paper ID : # 1361

M Thoyib, Rita Martini, Hartati, Winarko

Politeknik Negeri Sriwijaya

Email : ritamartini@polsri.ac.id

Abstract The purpose of this study is to determine the kevel of adequacy of cash and cash utilization level of effectiveness with the object is Al-Amanah Orphanage, Palembang. Data collection technique that I use survey, interview and literature study. In this case the authors analyzed the data in the form of financial statements, namely: statement of financial cash position and report receipt and disbursement of donor fund 2015, 2016 and 2017. The Orphanage suggest to make planning of the sources and cash flow and its best for the orphanage to watch the progress of cash amount and uses along to find out the comparison between cash amount and creating estimated of uses that might happen because of the uses in every year mostly the same, so that the Orphanage distribution to be issued can be increased.

HARGA POKOK PRODUKSI UNTUK PENENTUAN HARGA JUAL KAIN TENUN SONGKET MELATI DESA BURAI, KABUPATEN OGAN ILIR

Paper ID : # 1378

Mariskha Z, Rita Martini, Maria Agustin

Polsri

Email : mariskha@polsri.ac.id

ritamartini@polsri.ac.id

maria.agustinplg@yahoo.com

Abstract Prices play an important role in the sale and purchase agreement from producers to consumers. Through pricing, the product feasibility position will be seen from its economic value. The purpose of setting a price is to reach the company's target, get profit from sales, increase and develop product production, and expand marketing targets. Burai songket weaving craftsmen, especially the Melati songket weaving craftsmen group located in Burai Village, Tanjung Batu Subdistrict, Ogan Ilir Regency are housewives with a total of 5 members. The group of Melati songket weavers has financial problems, especially capital. Craftsmen have been receiving material from investors so that craftsmen do not know what the raw material price is, the cost of goods manufactured and the cost of goods sold. Therefore craftsmen cannot determine the selling price of the finished product. Fabrics that have been finished weaving will be sold or returned to the buyer or investor at a price determined by the buyer or investor. Craftsmen are only as wage-takers so they cannot increase income and welfare. The solutions and output targets that will be achieved are offered by the team that will help provide raw materials in the form of threads, calculate raw material prices, calculate the cost of production and the selling price of each songket motif or product. In addition, the team will help train partners to be able to perform financial calculations properly.

KERAJINAN TANGAN HERBARIUM DI DESA PULAU SEMAMBU, KECAMATAN INDERALAYA, KABUPATEN OGAN ILIR

Paper ID : # 1650

Marieska Verawaty

Unsri

Email: marieskaverawaty@yahoo.com

Abstract Activity of Community service (PPM) as part of The Tri Dharma Perguruan Tinggi has been done on October 2015. The activity was about "The development of women's creativity on production of various handicrafts made from flowers and dried plants by herbarium techniques" and was conducted on Semambu Island Village that is located on The North Indralaya District, Ogan Ilir Regency. This activity was in line with the home scale creative business development program of Sriwijaya University as an effort to improve the family income through the formation, fostering and assistance of small and medium-sized businesses, this activity is primarily targeted house-wives and young women in rural areas as an effort to support their family economy. Empowerment activities in this area are expected to have a positive impact on the development of creativity with economic value that also contained some of education, research and community service values. The activities were done by demonstration of making herbarium and handicrafts, and then it was followed by monitoring and evaluation. The utilisation of plants, flowers, and leaves for producing more high-value and economical handicrafts products by the herbarium can increase the community income and welfare.

PENGENALAN ELEKTRONIKA UNTUK MENUMBUHKAN KREATIFITAS ANAK USIA DINI PADA DUNIA TEKNOLOGI

Paper ID : # 1562

Masayu Anisah, Nyayu Latifah Husni, Eza Erlisa

Polsri

Email: masayu_anisah@polsri.ac.id

Abstract Saat ini kita berada di Era Revolusi Industri Keempat (Klaus Schwab, The fourth Industrial Revolution, 2017), dimana era ini sarat diwarnai oleh kecerdasan buatan, era super komputer, rekayasa genetika, teknologi nano dan mobil otomatis. Inovasi dan perubahan yang terjadi dalam kecepatan eksponensial dengan dampak drastis di semua aspek kehidupan. Dampak ini dirasakan pula di lingkungan pendidikan terutama bagi anak khususnya anak usia dini (TK). Pengenalan elektronika di TK Harapan Mulia Palembang bertujuan untuk mengembangkan proses pembelajaran dengan media elektronik robotika sebagai bahan ajar yang asik dan menyenangkan. Metode kualitatif dipakai untuk pelaksanaan pengabdian ini. Hasil pelaksanaan adalah pembuatan robot mini serangga bagi anak – anak TK Harapan Mulia Palembang.

USAHA RUMAHAN LAUNDRY IBU RUMAH TANGGA DI KECAMATAN SEKIP JAYA PALEMBANG

Paper ID : # 1565

Ery Hartati, Usnia Wati Keristin

STMIK MDP

Email: ery_hartati@mdp.ac.id, tityn@stie-mdp.ac.id

Abstract The purpose of this activity is to provide partners with understanding, provisioning, and training in the aspects of production, marketing and business promotion, capital, and bookkeeping, so that their businesses can develop and provide better income. The target to be achieved is to address issues such as: low production capacity, quality and product durability. So that the objectives, targets, and outcomes in this program can be realized properly, the implementation mechanism consists of 4 stages, namely preparation and planning (socialization and programming), implementation, evaluation and monitoring, and reflection. All stages are carried out by participatory methods through observation, interview, FGD, and joint decision making techniques. Through these methods the services offered by Bandung Home Laundry services become more varied and innovative, thus attracting consumers. The results of a series of 4 stages are increasing the value of assets and income of Housewife Laundry Business, increasing the quantity and quality of Housewife Laundry services being marketed, increasing marketing of quality service products.

PENINGKATAN PROSES PENGERINGAN KERUPUK IKAN DI DESA TENGAH KECAMATAN PELAYANGAN KOTA JAMBI

Paper ID : # 1573

Novarini, Sukadi, Okka Raisa Lestari

Politeknik Negeri Jambi

Email: novarini@politeknikjambi.ac.id, sukadi@politeknikjambi.ac.id,
okka@politeknikjambi.ac.id

Abstract Tengah Village, District of Pelayangan, Jambi City is a potential area to develop fish racker processing business. This area is close to the Batanghari River which is a producer of river fish such as cork fish. The main process in making crackers is the drying process. Improper drying process makes the crackers have poor quality. During this time, the drying process is still carried out by drying in direct sunlight which takes two days. In this condition, hygienic of the crackers are not guaranteed. It requires a simple and practical dryer to solve these problems. The dryer is made to have a greenhouse-like effect. The main ingredients of the drying wall (top and sides) are made of polycarbonate which is very good at absorbing heat from ultraviolet. The results of the practice of using this dryer in the Community Service program showed that the drying process only took 3 hours and the results of the crackers were cleaner, whiter, and more expanded.

PEMANFAATAN TEKNOLOGI INFORMASI DALAM MENGOLAH PESANAN DAN PENDAFTARAN PELATIHAN PADA INDUSTRI KULINER

Paper ID : # 1579

Rezania Agramanisti Azdy, Febriyanti Darnis

STMIK Palcomtech

Email: rezania@palcomtech.ac.id
febriyanti_darnis@palcomtech.ac.id

Abstract . Mitra pada kegiatan Program Kemitraan Masyarakat Stimulus ini adalah sebuah industri rumah tangga yang bergerak di bidang kuliner, Rosa Cake. Rosa Cake menawarkan produk dalam bentuk barang maupun jasa berupa pemesanan produk kuliner dan penyelenggaraan pelatihan membuat makanan. Proses pencatatan pemesanan dan pendaftaran pelatihan di Rosa Cake masih dilakukan secara manual sehingga rentan ditemui kehilangan maupun kerusakan data pada pencatatan yang berakibat pada menurunnya proses produksi dan tingkat kepercayaan masyarakat. Kegiatan PKMS ini menganalisa lebih lanjut mengenai proses pencatatan yang dialami mitra, serta menawarkan solusi dengan memanfaatkan penggunaan teknologi informasi yang semakin berkembang khususnya dari sisi pengembang sistem (developer). Metode penelitian yang dilakukan mengadopsi metode pengembangan sistem yang umum dilakukan yaitu melakukan sosialisasi (analisa kebutuhan), pembangunan sistem (perancangan dan pembuatan sistem), pelatihan (sekaligus pengujian sistem), penyerahan (pengiriman sistem ke pengguna), dan evaluasi (serta pemeliharaan). Hasil kegiatan ini berupa sebuah sistem yang dapat menjadi solusi permasalahan serta sesuai dengan kebutuhan mitra.

PENGUATAN KAPASITAS KELOMPOK TANI HARJO DAN TANI RAHAYU DALAM KOMPUTERISASI PENDATAAN PETANI.

Paper ID : # 1586

Rosa Delima, Joko Purwadi, Halim Budi Santoso, Argo Wibowo

Fakultas Teknologi Informasi, Universitas Kristen Duta Wacana

Email: rosadelima@staff.ukdw.ac.id, jokop@staff.ukdw.ac.id, hbudi@staff.ukdw.ac.id
argo@staff.ukdw.ac.id

Abstract Organic Agriculture is an important economic sector in Indonesia. Internal Control System (ICS) is an important part to guarantee organic product that farmer produce. To gain organic quality assurance certificate, it is needed computerized data of farmer and farmer activity. This computerized process will be an important issue for Farmer Union Organization (Kelompok Tani), especially for Tani Harjo Farmer Union Organization and Tani Rahayu Farmer Union Organization. Those two farmer unions process the farmer data manually. Tani Harjo and Tani Rahayu face the low ability to use computer and internet. Thus, it will be an obstacle in the process of computerization. Based on those problems, this empowerment activity will be focused on accompaniment of two farmers union, Tani Harjo and Tani Rahayu, to collect the data and processed it in the computer. The processes includes improvement capacity in computer usage, gathering the data from farmers, and store the data to computer. Participatory method and system deployment are used in this empowerment activity. Participatory method is used to identify and strengthen community in implementing and applying computer. System deployment is used to entry data to the system that already developed. The result for this activity is an computerized farmer data, agricultural field, and farming activities which has been done by farmer of Tani Harjo and Tani Rahayu.

PELATIHAN SISTEM E-LEARNING MENGGUNAKAN EDMODO PADA GURU SMP NEGERI 3 PALEMBANG

Paper ID : # 1587

Ikhtison Mekongga, Ervi Cofriyanti, Isnainy Azro

Politeknik Negeri Sriwijaya

Email: mekongga@polsri.ac.id, ervi@polsri.ac.id, adamputra.azro@gmail.com

Abstract The purpose of implementing the community service program with scheme of lecturer-student cooperation is to provide knowledge and comprehension to teachers of public junior high school 3 Palembang concerning ways to use Edmodo e-learning system to support the Contextual Teaching and Learning approach in accordance with one of the missions of the school. The method of implementing the program adopting action research steps that consisted of several stages, namely planning, implementation, observation and reflection. At the implementation stage, it is carried out the training on Edmodo's features such as creating accounts, creating classes, uploading material, and making assessments. The reflection stage are carried out by giving pre and post-training questionnaires to the teachers to find out the understanding level of the participants and as an input for the future improvement. The time to carry out the community service activity is approximately 6 months. Based on the results of the questionnaire's recapitulation on August 15th, 2019, it is obtained that 73.24% of 17 respondents answered the knowledge/techniques mastered by participants after Edmodo's training, and as much as 88.24% participants stated that the contents and guidance methods, as well as the training design were satisfying.

PRODUKSI BIOGAS DARI LIMBAH KOTORAN SAPI DENGAN DIGESTER FIXED DRUM

Paper ID : # 1592

Irnanda Pratiwi, Rosmalida Permatasari, Ozkar Firdausi Homza

Universitas Tridinanti Palembang

Email: nanda101084@gmail.com, rosmalinda_mt@yahoo.com,
ozkar_firdaus_unsri@yahoo.com

Abstract Biogas is a gas which produced by anaerobic activity or fermentation of organic materials including; human and animal waste, domestic (household) waste, biodegradable waste or any biodegradable organic waste under anaerobic conditions. The main content of biogas are methane and carbon dioxide. Pulau Semambu Village, Inderalaya Utara Subdistrict is a village which area of the expansion of the Tanjung Seteko Main Village, Inderalaya District, Ogan Ilir Regency. This area has a population of 1055 people / 537 households. In accordance with its geographical location, Pulau Semambu Village has sufficient natural resources to support the success of rural communities to improve their standard of living by utilizing land suitable for agriculture, livestock and plantations. In this case, for livestock cattle manure, its utilization have not achieve an optimal condition. The Community Partnership Program aims to produce supply technology and use a biogas fixed drum digester / reactor capacity of 600 liters for household purposes, especially in Pulau Semambu Village, Kec. Inderalaya Utara, Kab. Ogan Ilir.

PERBAIKAN MANAJEMEN USAHA DAN PERMODALAN PADA UKM BATU BATA DI SENTRA PRODUKSI BATU BATA DI KABUPATEN BANYUASIN

Paper ID : # 1608

Hendra Hadiwijaya, Febrianty, Darmawi

Palcomtech

Email: hendra_hadi@palcomtech.ac.id, febrianty@palcomtech.ac.id,
d_bayin2009@yahoo.com

Abstract. Partners in Community Partnership Program (PKM) activities are "Daslan Bricks Business" located on Jl. Camat Km.16 Desa Pasir Putih Ujung Talang Kelapa District Banyuasin Regency. Problems identified partners are: 1. The business is still run in a family style and lack of knowledge about professional business management, 2. Lack of knowledge about product marketing strategies because it is still awaiting buyers and supplying bricks, and 3. Capital is very limited and lack of access to information on capital loans/bank loans. The aim of the activity is to improve business management, increase knowledge about product marketing strategies and business capital/bank credit. The stages of PKM implementation include: The Phase of Making Appropriate Technology (TTG) e-commerce web, the training phase includes: Business Management Training (Training on the preparation and presentation of financial statements and marketing strategy training), training on e-commerce usage, capital management training and simulation making a proposal for submitting bank credit, and the PKM Evaluation stage. The results achieved from PKM activities: have given skills skills to Daslan Bata Business to record financial transactions and present business reports neatly, correctly and continuously, increasing business turnover more than before to 75%. Increased knowledge about business capital / bank credit namely: understanding in making bank credit proposals by 70%.

PENJERNIHAN AIR DI DESA TANJUNG PERING, KECAMATAN INDERALAYA UTARA, KABUPATEN OGAN ILIR

Paper ID : # 1619

Hendra Hadiwijaya, Febrianty, Darmawi

Universitas Sriwijaya

Email: marieskaverawaty@yahoo.com

Abstract Tanjung Pering Village, one of fostered villages under Sriwijaya University development programs, is a village partner for this community service (PPM) activities as part of The Higher Degree Education Devotion for Community or Tri Dharma Perguruan Tinggi. The village is located 40 km from Palembang City and 8 km from the Sriwijaya University Indralaya campus. The village is part of the North Indralaya District that is located in Ogan Ilir Regency, South Sumatra Province. The area of Tanjung Pering Village is ± 29.75 Km² or around 6% of the area of North Indralaya District. The population of Tanjung Pering Village in 2017 was 1,720 people, with a composition of 859 men and 861 women. The population of this village mostly still uses water from wells that poor in quality that is characterized by its yellowish color and rusted smells. The purpose of this activity is for introducing and training the community in the manufacturing a simple water purification equipment. This program was targeted to deliver a solution for the community in providing the need for clean water for their daily needs.

PEMANFAATAN KEPALA IKAN GABUS SEBAGAI BAHAN BAKU PEMBUATAN KEMPLANG

Paper ID : # 1621

Yuniar Yuniar, Sofiah Sofiah, Martha Aznury, jaksen m amin

Politeknik Negeri Sriwijaya

Email: yuniar@polsri.ac.id, sofiah@polsri.ac.id, martha_aznury@polsri.ac.id
jaksen@polsri.ac.id

Abstract Only the meat is taken from the body of the cork, while the head, skin and middle bones are thrown away. The big snakehead fish head is usually cooked for Palembang's special cuisine namely pindang, yet the head of small one is thrown away. To increase the added value of snakehead fish, fish head is made into kemplang. It is intended that with the knowledge of making kemplang from fish head, the community can make it themselves to improve family health and the price will be cheaper. Besides, it can also be developed as a business. As known that the excellent nutritional content of kemplang, namely high calcium whose function to accelerate growth of nerve cell, so that if it's processed into a food product in this case is kemplang, it can produce food products in the form of kemplang whose high nutrients. Technology transfer is carried out in stages by providing counseling about making kemplang to cadres / community groups (target audiences) who are capable and interested in 8 Ilir, Ilir Timur III District, Palembang City. The result of community service in 8 Ilir Village, Ilir Timur III District, Palembang City shows that fish head can be used as raw material for making kemplang. The community is highly enthusiastic in training to make kemplang so that they can make it themselves or in groups and the new entrepreneurs can emerge.

PENDAMPINGAN PEMBUATAN ABON UDANG DENGAN METODE DEEP FRYING AND PAN FRYING DI DARMA WANITA KABUPATEN BANYUASIN

Paper ID : # 1638

Fatria, Aisyah Suci Ningih, Zurohaina, Endang Supraptiah

Politeknik Negeri Sriwijaya

Email: fatriaahmadan@yahoo.co.id

Abstract Banyuasin Regency is one of the Regencies in South Sumatra Province that has a large potential of marine resources. The South Sumatra coastal ecosystem is a habitat that is very suitable for shrimp life. This great potential is very stimulating for fishermen to do shrimp fishing activities, but shrimp management by fishermen is still not optimal, namely fishermen selling their catch at low prices. Nowadays there has been a lot of shrimp management in order to obtain the shelf life of old and good quality shrimp, one of which is shredded shrimp. Shredded shrimp is shrimp meat that is chopped and dried with the addition of certain spices. . The purpose of this activity is to create creative businesses by processing shrimp derivative products, especially shredded shrimps to improve the economy of the Banyuasin Regency through shredded shrimps commercial businesses. In this activity site surveys have been carried out, mentoring for shredded making, and provided examples of good and attractive shredded packaging designs. The implementation team also provided a consultation room for participants who wanted to develop this creative endeavor.

EVALUASI PENERAPAN STRATEGI HARGA, PRODUK DAN DISTRIBUSI PENJUALAN PADA USAHA KUE RUMAHAN UTI PALEMBANG

Paper ID : # 1784

Afrizawati Afrizawati, Marieska Lupikawaty, Dewi Fadila, Sari Lestari, Paisal Paisal, Hendra Sastrawinata

Politeknik Negeri Sriwijaya

Abstack: Depkominfo. 2008. Kredit Usaha Rakyat Berdayakan Usaha Rakyat, Tingkatkan Kesejahteraan. Departemen Komunikasi dan Informatika Badan Informasi Publik. Pusat Informasi dan Perekonomian. Jakarta. Hafiz, Abdul. 2017. Hore! UMKM di Palembang Dapat Pinjaman Rp 3 juta Tanpa Bunga dan Angsuran Setahun. Sripoku.com OJK. 2015. UU No. 1 Tahun 2013 Tentang Lembaga Keuangan Mikro (LKM) Pradana. 2015. Klasifikasi Jenis-Jenis Bisnis E-Commerce di Indonesia. Jurnal Neo-bis Volume 9, No.2 Des 2015 Undang-Undang No.20 Tahun 2008 Tentang Usaha Mikro, Kecil dan Menengah (UMKM).

KOMPUTERISASI PERSEDIAAN DAN PENJUALAN KAIN TENUN KHAS DAERAH PADA CENTRA TENUN TAJUNG PALEMBANG

Paper ID : # 1788

Anggeraini Oktarida, Bainil Yulina

Politeknik Negeri Sriwijaya

Abstack: UMKM Centra Tenun Tajung is centre for woven fabric and jumputan craftsmen that is located in Jalan Aiptu A.Wahab No.36 Kelurahan Tuan Kentang Seberang Ulu 1 Palembang became an opportunity to improve culture and tour destination in Palembang. The problem is surfaced because in the data transaction recording for sales in Centra Tenun Tajung is still manual that makes it often to be mistaken in making the financial report. The solution that is proposed is to build a computerized application system for stocks and sales so that with the right system, the mistakes can be minimalized. An on-time accurate information will really help the company in making decision and deciding what steps to take to support the operation in order to improve the company. The approach method using few stages, such as preliminary survey to the partner's location, followed with stocktaking the partner's data and categorize the problems especially in information technology of stocks and sales. Computerized is designed with Netbeans which is an Integrated Development Environment (IDE) application based on Java from Sun Microsystems that runs over swing.

PENYULUHAN IZIN EDAR PRODUK INDUSTRI RUMAH TANGGA DAN IZIN USAHA MIKRO KECIL PADA USAHA KUE RUMAHAN UTI PALEMBANG

Paper ID : # 1789

Hadi Jauhari, Elvia Zahara, Yusleli Herawati, Titi Andriyani, Ummasyroh.

Politeknik Negeri Sriwijaya

Abstack: *Permasalahan yang ditemukan di mitra: 1) Belum adanya Izin Edar PIRT (Produk Industri Rumah Tangga) bagi “Usaha Kue Rumahan Uti” Palembang, 2) Belum adanya Izin Usaha Mikro kecil (IUMK). Adapun tujuan pengabdian ini adalah 1) Memberikan pengetahuan kepada Usaha Kue Rumahan Uti tentang pengurusan Izin Edar Produk Industri Rumah Tangga (PIRT) 2) Memberikan pengetahuan kepada Usaha Kue Rumahan Uti tentang adanya Izin Usaha Mikro kecil (IUMK). Metoda/pendekatan yang digunakan adalah 1) Studi pustaka & riset lapangan, 2) Menganalisis dan mengolah data dan informasi yang didapatkan dari mitra, dengan membuat metode/model pemecahan masalah yang terbaik dari berbagai macam alternatif pemecahan masalah yang ada dengan cara penyuluhan pengisian formulir PIRT dan IUKM sedangkan hasil Penelitian ini adalah Penyuluhan tentang pengisian formulir PIRT dan IUKM Hasil dari penelitian ini adalah Jurnal Nasional Pengabdian Masyarakat Aptekmas, dan Buku Ajar.*

SOSIALISASI PEMBUATAN BATA RINGAN ATAU HEBEL (CELCON) BERBASIS SEMEN PORTLAND TYPE I DI PT SEMEN BATURAJA (PERSERO)Tbk.

Paper ID : # 1438

Idha Silviyati , Meilianti , Adi Syakdani , Agus Manggala

Politeknik Negeri Sriwijaya

Email: idha.silviyati@polsri.ac.id

Abstract The Community Service activities are in the form of socialization that will be held in September 2018 at the meeting / meeting room at PT Semen Baturaja's unit quality control (QC). Dissemination of making Lightweight Brick or HEBEL (CELCON) based on Portland Cement Type I at PT Semen Baturaja (Persero) Tbk. The purpose of this socialization is for the public to know the ways that can be used for the manufacture of Lightweight Brick or Portland CLCON (CELCON) Type I based at PT Semen Baturaja (Persero) Tbk. especially employees / quality control units at PT Semen Baturaja (Persero) Tbk. This simple outreach activity is expected to be carried out so that people can make their own Lightweight Brick or HEBEL (CELCON) based on Portland Type I Cement at PT Semen Baturaja (Persero) Tbk as a product development effort on Cement Process Technology so that it can increase public knowledge about how the brick making process Lightweight or HEBEL (CELCON) based on Portland Type I Cement at PT Semen Baturaja (Persero) Tbk and can help increase people's income, especially employees/units of quality control (QC) of PT Semen Baturaja (Persero) Tbk.

PELATIHAN DASAR PERHITUNGAN GAYA DALAM DENGAN PROGRAM SAP 2000 PADA DINAS PERUMAHAN DAN KAWASAN PERMUKIMAN KABUPATEN SELUMA

Paper ID : # 1657

Ibrahim, Fadhila Firdausa, Kosim

Politeknik Negeri Sriwijaya

Email: ibrahim@polsri.ac.id
fadhilafirdausa@polsri.ac.id
kosimmt@gmail.com

Abstract Indonesia is a country that has a lot of diversity, especially in terms of geographical location. This causes Indonesia to have thousands of islands stretching from Sabang to Merauke. From the geographic distribution, the allocation of development and development of science and technology has not been evenly distributed. Therefore, training and counseling must be given especially to areas which in the evaluation are disadvantaged areas. Seluma Regency in Bengkulu Province is one of the underdeveloped districts based on the Decree of the Minister of Villages, Development of Disadvantaged Areas, and Transmigration of the Republic of Indonesia Number 126 Year 2017. Therefore, IPTEKS training is very much needed, in this case training on SAP 2000 software programs will be conducted in this case. Seluma Regency. The use of SAP 2000 Software is used to help design and calculate building construction.

TEKNOLOGI VACUM FRYING UNTUK PENGGORENGAN KERIPIK JAMUR TIRAM di DESA TALANG BUBUK PLAJU PALEMBANG

Paper ID : # 1659

Hendra Hadiwijaya, Febrianty, Darmawi

Politeknik Negeri Sriwijaya

Email: selastiyuliati@yahoo.com

Abstract The purpose of community social activities with the title "Design of Vacuum Frying Machine and making mushroom chips in Talang Bubuk Plaju, South Sumatra is to help the community in increasing the productivity of the mushroom business group, through the application of appropriate technology by providing skills training on diversification of processed mushroom chips products. The method of implementing the Social Science and Technology program for the Community consists of two activities, namely (1) making a vacuum frying machine, and (2) training in mushroom chips processing skills. Making vacuum frying includes the process of planning, manufacturing, testing and training on how to use a vacuum frying machine. Furthermore, training for partners includes: (1) explaining the theory and demonstration of how to operate vacuum frying, (2) training in mushroom chips skills and (3) product marketing training. The results of the Science and Technology program for the Community are obtained by vacuum frying machine with mushroom capacity specifications of 3,5 kg / process, LPG fuel with automatic temperature control, cooling water circulation, cooking oil volume: 15 liters, power requirements of 900 watts, dimensions 160 x 100 x 100 cm , with an oil heating temperature of 80 0C and temperature changes between 80 - 90° C, and a frying time of \pm 1.5 hours. The results of the vacuum frying are dried in a spinner and then packed depending on needs.

PENGOLAHAN TEPUNG MOCAF MENJADI BISKUIT MOCAF DI 10 ILIR KECAMATAN ILIR TIMUR TIGA KOTA PALEMBANG

Paper ID : # 1666

Muhammad Yerizam*1 , Husaini*1 , Fadarina*1 , Herlisya Diana, Marlisa

Politeknik Negeri Sriwijaya

Email: yerizam@polsri.ac.id

Abstract Penggunaan tepung mocaf di Indonesia belum digunakan secara optimal dikarenakan masyarakat Indonesia kebanyakan hanya mengenal tepung terigu sebagai bahan utama dalam pengolahan berbagai produk pangan. Hal ini menyebabkan permintaan akan tepung terigu terus meningkat pesat sehingga impor gandum sebagai bahan dasar pembuatan tepung terigu terus mengalami kenaikan setiap tahunnya. Penggunaan tepung mocaf sebagai pengganti tepung terigu dapat mengurangi penggunaan tepung terigu sehingga impor gandum dapat berkurang, tepung mocaf dapat digunakan untuk berbagai olahan pangan, salah satunya dalam pembuatan biskuit. Selain itu tepung mocaf sendiri memiliki kandungan gizi yang lebih tinggi dibandingkan tepung terigu. Biskuit merupakan salah satu olahan produk pangan yang berbahan dasar tepung terigu dan dapat dinikmati oleh semua kalangan masyarakat baik untuk anak-anak maupun dewasa. Penggunaan tepung mocaf sebagai bahan baku pembuatan biskuit dapat meningkatkan kualitas dari biskuit biasanya. Biskuit mocaf (biscaf) memiliki tekstur yang lebih renyah dari kue kering biasa dan dibuat tanpa peragian. Selain itu biscaf mempunyai daya simpan lebih lama dan praktis dibawa sebagai makanan yang sehat dan bergizi sehingga produksi biscaf memiliki potensi besar dalam meningkatkan perekonomian masyarakat Indonesia terutama untuk daerah yang memiliki tingkat pengangguran tinggi seperti di kelurahan 10 Ilir. Diharapkan dari pengabdian ini dapat membuka peluang usaha dan menciptakan tenaga kerja.

Kata kunci : tepung mocaf, biskuit mocaf.

PELATIHAN EKONOMI KREATIF DAN EDUKASI HUKUM PADA MASYARAKAT DESA WAY TUBA

Paper ID : # 1680

Heni Siswanto , Yulia Kusuma Wardani , Munaris , Agung Abadi Kiswandono

Universitas Lampung

Email: heni.siswanto@fh.unila.ac.id

Abstrak Masyarakat Desa Way Tuba, Gunung Labuhan, Way Kanan memiliki potensi dan peluang bisnis yang sangat strategis karena desa tersebut berdekatan dengan pusat bisnis, yaitu Pasar Bukit Kemuning dan Pasar Baradatu. Berdekatan dengan pusat bisnis memberi keuntungan kepada masyarakat untuk meningkatkan wirausaha, salah satunya bisa menjadi produsen, pedagang, atau pun grosir sabun cair cuci piring berbasis tanaman herbal sebagai antiseptik. Melalui Kelompok Usaha Bersama (KUB) yang sudah dibentuk oleh Pemerintah Desa Way Tuba bersama Mahasiswa KKN Unila Periode I Tahun 2019, masyarakat berkeinginan menambah penghasilan dan membuka lapangan pekerjaan. Pascakegiatan KKN kelompok mitra memerlukan dukungan dan pendampingan terkait aspek hukum dan aspek teknis pembuatan sabun cair cuci piring. Selain kedua aspek itu, terdapat persoalan mendasar, yaitu rendahnya tingkat pendidikan dan pengalaman anggota kelompok mitra dalam berwirausaha. Untuk menguatkan mereka, perlu diberikan kegiatan pengabdian kepada masyarakat berkaitan dengan pendampingan dan pelatihan ekonomi kreatif masyarakat berbasis home industry. Tujuan kegiatan pengabdian kepada masyarakat ini adalah, selain pendampingan dalam pembuatan sabun cair cuci piring, juga pendampingan kepada kelompok mitra dalam bentuk pelatihan dan praktik, penyuluhan merk, labeling, dan edukasi hukum. Berdasarkan atas hasil pengabdian, diperoleh data bahwa pemahaman peserta tentang kewirausahaan sabun cair sebesar 73,95% (22,08% menjadi 84,75%), yaitu meliputi pemahaman tentang pembuatan, edukasi kesehatan, aspek hukum, dan labeling. Selain itu, kelompok mitra juga sudah bisa membuat produk sabun cuci piring dan pengemasannya.

Kaca kunci: home industry, sabun cair cuci piring, Way Tuba.

WORKSHOP PENINGKATAN KEMAMPUAN PEMBUATAN DETERGEN CAIR SEBAGAI UPAYA MENGAKTIFKAN PENGURUS PKK DESA FAJAR BARU

Paper ID : # 1681

Agung Abadi Kiswando, Nurhasanah Nurhasanah, Jamiatul Akmal

Universitas Lampung

Abstrak Desa Fajar Baru berawal dari Desa Karang Anyar Kecamatan Tanjung Bintang. Visi desa Fajar Baru yaitu Membangun Kebersamaan Masyarakat Menuju Kemandirian, yang kemudian dituangkan dalam bentuk misinya, yaitu bersama masyarakat mewujudkan desa fajar baru yang sejahtera bersama masyarakat mewujudkan desa fajar baru yang sehat dan mandiri. Salah satu bentuk kesejahteraan dan kemandirian yang diusahakan dan tertuang dalam Rencana Pembangunan Jangka Menengah Desa (RPJM) Desa Fajar Baru adalah tumbuh kembangnya beberapa kelompok kegiatan usaha yang terbingkai dalam kegiatan Home Industri (industri rumah tangga). Pembuatan produk kebersihan rumah tangga, seperti detergen merupakan salah satu produk yang berpotensi dijadikan sebagai kegiatan Home Industri. Berdasarkan hasil survey Tim Pelaksana di lapangan, program kerja kelompok PKK desa Fajar Baru, khususnya pembuatan sabun cair walaupun tetap berjalan, tetapi terlihat hanya membuat dan memproduksi untuk diri sendiri (pengurusnya sendiri saja). Hasil pengabdian didapatkan bahwa, melalui kegiatan pendampingan ini, pengetahuan ibu-ibu PKK Desa Fajar Baru tentang “Workshop Peningkatan Kemampuan Pembuatan Detergen Cair Sebagai Upaya Mengaktifkan Pengurus PKK Desa Fajar Baru” telah mengalami peningkatan berdasarkan tanya jawab antara sebelum dan sesudah pelatihan dilaksanakan. Selanjutnya, kelompok mitra telah berhasil membuat detergen dengan beberapa variasi kemasan.

IPTEKS BAGI USAHA KEMPLANG MIKRO

Paper ID : # 1332

Dasir, Erliza Yuniarti, Diah Isnaini

Universitas Muhammadiyah Palembang

Email : jatiperahu@yahoo.co.id

Abstract River fish catches as the main raw material for making kemplang during the rainy season until the beginning of the dry season are very few, on the contrary the supply of river fish is abundant during the dry season to the rainy season. When there is an abundant supply of micro fish kemplang entrepreneurs stray the milled fish in a used refrigerator that is given ice cubes as a cooling with limited capacity, but the quality of the fish quickly drops. Surimi fish processing and storage training is given to overcome these problems. Fish processed with the surimi method can be stored for a long time and are not damaged, so that it can be used when the amount of river fish is limited and expensive. Besides discussing surimi method, this article also includes assistance in making kemplang and financial administration, with the hope that this community partnership program can improve the community's economy.

Keywords: surimi, kemplang mikro, ikan sungai

LITERASI MEDIA ISLAMI ANAK MENGGUNAKAN METODE “SATU ANAK SATU BUKU”

Paper ID : # 1685

Yurni Oktarina, Tresna Dewi, Pola Risma

Politeknik Negeri Sriwijaya

Email : yurni_oktarina@polsriac.id

Abstract Literacy for early education students can be defined as the ability of reading and writing. This capability will increase if (1) facilities and (2) infrastructure are easily accessed, and (3) supported by the environment. The observation shows that those three factors are not available for children learning Al-Quran and Islam in Al-Ikhlas Masjid, especially Islamic media literacy. The community service was conducted in Al-Ikhlas Masjid to increase Islamic literacy for children using the method of "One Child One Book." Books and short version of Al-Quran were donated to encourage the children to enjoy reading and writing. This method was successful in increasing children's interest in reading shown by the enthusiasm of 14 children who came to participate in the activities. Everyone was happy to read the books provided by the team. Therefore, the community service was considered successful in increasing Islamic literacy proven by an excellent reception from parents and children studying at Al-Ikhlas Masjid, and they are expecting further activities.

PENERAPAN STANDAR OPERATING PROSEDURES PENGENDALIAN MUTU BETON READY MIX PADA PT. INDO BETON

Paper ID : # 1691

Indrayani, Akhmad Mirza, Andi Herius, Arfan Hasan, Darma Prabudi

Politeknik Negeri Sriwijaya

Email: indrayani@polsri.ac.id

Abstract Kegiatan pengabdian ini dilakukan untuk mensosialisasikan Standar Operating Procedure (SOP) pada PT. Indo Beton yang beralamat di Jalan Soekarno Hatta, Kelurahan Talang Kelapa Kecamatan Alang-alang Lebar dan bergerak dalam bidang penyediaan beton ready mix. Dipilihnya PT. Indo Beton dikarenakan dalam pelaksanaan pengendalian mutu beton di perusahaan ini belum menggunakan acuan/ pedoman pelaksanaan. Dengan adanya kegiatan pengabdian ini diharapkan kedepannya PT. Indo Beton dapat menerapkan SOP dalam kegiatan pengendalian mutu Beton ready mix yang diproduksinya. Kegiatan ini dibagi dalam 2 tahap, pertama yaitu penyusunan SOP pengendalian mutu beton dan kedua adalah penyuluhan tentang penerapan SOP tersebut dalam kegiatan pengendalian mutu beton, khususnya beton ready mix.

Hasil yang dicapai sangat memuaskan karena para peserta sangat antusias dalam menerima materi. Dengan adanya SOP yang dihasilkan dari kegiatan pengabdian ini, PT. Indo Beton sebagai mitra kerjasama dibidang pengabdian kepada masyarakat merasa sangat terbantu karena untuk selanjutnya SOP pengendalian mutu ini akan digunakan dalam kegiatan produksi beton ready mix untuk meningkatkan kualitas produksi beton ready mix.

Keywords: SOP, Pengendalian, Mutu, Beton Ready Mix

PENYULUHAN TATA BUSANA DAN ETIKET PERGAULAN DALAM MENINGKATKAN ILMU PENGETAHUAN BAGI MASYARAKAT

Paper ID : # 1694

Purwati Purwati, Mariskha Z, Esys Alhadi

Politeknik Negeri Sriwijaya

Email: purwati65@gmail.com

Abstrak Setiap wanita perlu memperhatikan sikap, pergaulan dan cara berbusana yang sesuai dengan etiket berbusana dan etiket pergaulan. Ibu-ibu kompleks Tanjung Barangan Asri merupakan ibu-ibu dengan latar belakang yang berbeda-beda. Baik dari pendidikan, asal daerah maupun pekerjaan juga berbeda-beda. Pada umumnya ibu-ibu bersikap dan berbusana mengikuti kata hati dan keinginannya masing-masing dan terkadang tidak memperhatikan kandungan nilai dari sebuah penampilan maupun busana. Dalam menjalankan aktivitas sehari-hari terkadang ibu-ibu tidak memperhatikan bagaimana sebaiknya bersikap dan berbusana, sehingga kadang-kadang terlihat pantas dan kadang-kadang terlihat tidak pantas. Oleh karena itu permasalahan yang dihadapi mitra adalah masalah etika pergaulan dan etika berbusana yang mana mitra belum memahami etika pergaulan dan etika berbusana dengan baik dan benar. Metode pelaksanaan yang dilakukan adalah melalui sosialisasi terlebih dahulu, kemudian dilanjutkan dengan penyuluhan yang mana peserta diberikan kesempatan untuk bertanya dan berkomentar. Selanjutnya adalah melakukan evaluasi hasil dari kegiatan penyuluhan dengan cara memberikan kuesioner sebelum dan sesudah kegiatan penyuluhan. Hasil yang didapatkan peserta sangat setuju dengan diadakan kegiatan penyuluhan ini sehingga apa yang sebelumnya tidak pernah peserta pelajari namun mereka mendapatkan ilmu yang dapat memberikan manfaat dalam rangka kehidupan sehari-hari.

Keywords: Etiket Pergaulan, Etiket Busana

PENGENALAN KENDALI ROBOT SAMPAH BERBASIS IPAD DI SMPIT HARAPAN MULIA PALEMBANG

Paper ID : # 1701

Nyayu Latifah, Yudi Wijanarko, Ekawati Prihatini, Selamat Muslimin, Yeni Irdyanti, Destra Andika Pratama

Politeknik Negeri Sriwijaya

Email: Latifah3576@yahoo.com

Abstract Harapan Mulia Junior High School is the first modern Islamic high school that provides students not only with the first standard high school science, but also with religious knowledge. SMPIT Harapan Mulia is a school that pioneered teaching and learning in the classroom using digital technology-based applications, namely the use of iPad, students who use iPad are quite enthusiastic in teaching and learning. This can be proven by an increase in the average value obtained by SMP Mulia Harapan students. This is because their iPad is directly connected to MDM (Mobile Device Management), where MDM is tasked with managing content and activities on each student's iPad. This MDM limits the student's movement to not get out of line. However, this MDM also makes students uncomfortable and not too free to express themselves. Therefore, we need a solution to be able to overcome these problems.

PENGEMBANGAN DESAIN KAIN JUMPUTAN PALEMBANG UNTUK MENINGKATKAN INDUSTRI KREATIF

Paper ID : # 1706

Rusdianasari, Ibnu Hajar, Indri Ariyanti, Yohandri Bow

Politeknik Negeri Sriwijaya

Email: rusdianasari@polsri.ac.id

Abstract The development of micro, small and medium enterprises (MSMEs) is the basis of the economy in improving the national economic rate because most of the existing businesses in Indonesia are small and medium enterprises. Among those small and middle enterprises, Palembang Jumputan Textile has its own characteristics in patterns and colors. Under the influence of a certain pattern, Jumputan Textile has been known and spread in Sumatra and even in Indonesia and overseas. Nowadays, the regional pattern in every province has been in the fast track of development nationally. The creative industry in Palembang is including around 300 industries of Songket and Jumputan Textile recorded in this city. Community service activities have been conducted to two small and medium enterprises in the center of Palembang Jumputan Textile. The community activities are including the development of pattern making or motif on fabric, dyeing process, and online marketing technique in attempt to improve the sales.

Keyword : kain jumputan, motif, desain, industri kreatif

PENGUATAN MANAJEMEN USAHA DAN PEMASARAN BAGI ANAK DIDIK PENGRAJIN PRODUK-PRODUK GREENPRENEUR DI LPKA KELAS I PALEMBANG

Paper ID : # 1645

Febrianty, Fatmariansi

Palcomtech

Email: @palcomtech.ac.id

Abstract The partner in this study was LPKA Class I Palembang. The implementation of the skills training program in LPKA Class I Palembang still encountered various obstacles besides the implementation costs. Based on the results of field visits, interviews, and observations of Partners, a number of priority problems faced by Partners can be identified including: a. There is still a lack of knowledge about business management if students produce or sell a product, especially how to calculate the cost of production (including cost of goods sold and selling price) and calculate profit / loss from the sale, b. There is still a lack of knowledge about marketing strategies and the use of marketing media as a provision of entrepreneurial knowledge for students if they return to the community. This PKMS will introduce greenpreneur concepts and practices for students of LPKA Class I Palembang. Because the greenpreneur products produced are contemporary seats made from used paint buckets and wall hangings from wooden panglong wood waste disposal boards that have artistic value and selling value made using graphic designs with cutting sticker techniques. Based on priority issues that must be addressed, some of the solutions offered by the PKMS team to partners are: a. Provide business management training in the calculation of production costs and calculation of business profit / loss, b. Provide training on the application of marketing strategies and the use of marketing media. Whereas the target of this PKMS output is to increase knowledge and skills in the calculation of production costs and the calculation of profit / loss. This PKMS activity was carried out for 6 months from February to July 2019. The results of this PKMS have been able to increase the competitiveness of greenpreneur products (by 70%) and have been carried out to increase knowledge and skills as future venture capital (by 70%).

Keyword : PKMS, Greenpreneur, business management, marketing

PROGRAM PENGEMBANGAN KEWIRAUSAHAAN BERBASIS TEKNOLOGI DI IIB DARMAJAYA LAMPUNG

Paper ID : # 1720

Hendra Hadiwijaya, Febrianty, Darmawi

IIB Darmajaya, Lampung

Email: agharina@darmajaya.ac.id

Abstract Technology-based startups, or tech startups, are growing exponentially, bringing various kinds of business models to market and becoming key industry players. In Indonesia, over 1,500 tech startups have emerged, with some of them able to make their mark and gain a strong customer base only in a few years. IIB Darmajaya, with its entrepreneurial vision “Be Bold, Be Vibrant and Be Technopreneurship”, has been relentlessly working hard to help its students transition into tech businesses. However, the success rate has not been quite impressive due to their lack of experience in business management, meager access to capital and market, and minimum guidance and mentoring from business incubators. Our current program will implement Darmajaya’s Six Success Stages of Technopreneurship Incubation in order to select twenty candidates for technology-based entrepreneurship as well as five tenants, who will be directed in managing their business. The entire activities will be run under cooperation with multiple parties, including the university’s entrepreneurship lecturers and student affairs department, the Department of Industry and Commerce, and the existing cooperatives and microbusinesses. This partnership is expected to increase tenants’ survivability and refine their exit strategies, so that they are able to build strong and durable businesses.

Keyword : tech startups, IIB Darmajaya, student entrepreneurs, DRPM Kemenristekdikti

Pelatihan Pekerjaan Struktur untuk Pelaksana Lapangan Pekerjaan Gedung di Palembang

Paper ID : #1773

Ibrahim¹, Amiruddin¹, Ika Sulianti¹, Agus Subrianto¹

Politeknik Negeri Sriwijaya

E-mail : agussubrianto@gmail.com

Abstract. Kompetensi yang harus dimiliki seorang pelaksana lapangan pekerjaan gedung sangat banyak, mulai dari melakukan komunikasi dengan pihak terkait, pengetahuan tentang K3, serta kompetensi inti dari pekerjaan yaitu pekerjaan pondasi, struktural, arsitektur dan pembuatan laporan hasil pelaksanaan pekerjaan. Karena banyaknya kompetensi yang harus dicapai, maka waktu pelatihan yang dibutuhkan sangat banyak juga. Pada kesempatan ini tim pengabdian sepakat untuk membatasi kegiatan dengan melakukan pelatihan pada pekerjaan struktur saja. Peserta kegiatan sebagian berasal dari mahasiswa yang memiliki latar belakang pendidikan universitas dimana pengetahuan praktis di lapangan tidak banyak didapatkan. Bentuk pelatihan yaitu melakukan tutorial, memberikan pemahaman-pemahaman tentang peraturan-peraturan yang melatarbelakangi adanya tuntutan tentang standar kompetensi pada jabatan kerja yang dimaksud, memberikan pengetahuan teknis tentang proses pelaksanaan pekerjaan, dan di akhir kegiatan, peserta diberikan soal-soal untuk mengetahui tingkat pemahaman peserta terhadap materi yang diberikan. Mitra kegiatan pengabdian ini adalah Asosiasi Ahli Keselamatan dan Kesehatan Kerja Konstruksi (A2K4) wilayah Sumatera Selatan yang sudah berkecimpung dalam berbagai kegiatan pelatihan dan sertifikasi di berbagai bidang pekerjaan konstruksi. Hasil kegiatan menunjukkan bahwa peserta dapat menerima materi dengan baik ditandai dengan tingginya persentase peserta yang menjawab post test dengan baik.

PEMANFAATAN KEPALA DAN KULIT UDANG MENJADI KALDU UDANG DI DAERAH KABUPATEN BANYUASIN

Paper ID : #1775

Endang Supraptiah^{1,a)}, Fatria¹⁾, Aisyah Suci Ningih¹⁾, Zurohaina¹⁾

Politeknik Negeri Sriwijaya

email: endangsupraptiah@yahoo.co.id

Abstract . The focus of community service is the empowerment of women through the Dharma Wanita Persatuan organization with the development of regional fishery products, shrimp. Shrimp can be cooked in various ways and are widely used for various types of food ingredients. However, many people deliberately discard the shrimp head and skin because of its texture is hard to eat even though the shrimp head and skin have a strong and delicious flavor so that it can be used as flavoring in cooking. Block shrimp broth can be used as a food flavoring substitute for MSG. The problem motivate this community service is the lack of knowledge of partners about shrimp derivative products, especially shrimp broth blocks, for this purpose, assistance is made in making shrimp broth blocks with training making shrimps broth until packaging.

Keywords: Banyuasin Regency, Broth, Shrim, Flavoring

PENGELOLAAN PEMBUKUAN DAN PELAPORAN BERDASARKAN SAK EMKM PADA UMKM KCHARIS JAYA PALEMBANG

Paper ID : #1780

Rosy Armaini¹⁾, Zulkifli²⁾, Rita Martini³⁾, Sukmini Hartati⁴⁾,
Politeknik Negeri Sriwijaya

Email : rosyarmaini@polsri.ac.id
zulkifliwancik@yahoo.com
martinirita65@gmail.com
sukmini_hartati@yahoo.co.id
nilahilal@yahoo.com
yevi_dwitayanti@yahoo.com

Abstract. UMKM Kcharis Jaya Palembang has not yet fully implemented financial corporate governance in accordance with applied rules. This is due to the lack of understanding in preparing financial statements in accordance with the Financial Accounting Standards of Micro Small and Medium Enterprises (SAK EMKM). The practice of preparing financial statements has been carried out only on recording the cash flow in and out. This dedication activity aims to assist partners in making a balance sheet or statement of financial position so that information on assets, Liabilities, and equity is obtained on a certain date, making Income Statement is to find out how much the amount of income and expenses for one year, and CaLK. The method of implementing this dedication program includes lectures, training/workshops and Assistance. The results of this dedication activities are conducted by the Training on Financial Accounting Standards for Micro Small and Medium Enterprises (SAK EMKM) and assistance in preparing financial reports such as financial position reports, income statements, and Notes of Financial Statements based on SAK EMKM. It is intended that partners have adequate knowledge in preparing simple financial statements and as a basis for prospective investors or banks to invest in UMKM Kcharis Jaya Palembang.

Keywords: UMKM Officer, UMKM Finance Management, SAK EMKM

PENERAPAN *INQUIRY-LEARNING TECHNIQUES* DALAM PEMBELAJARAN ENGLISH FOR YOUNG LEARNERS DI YAYASAN ALKAHFI CABANG PALEMBANG

Paper ID : #1781

¹. Sunani ². Nurul Aryanti ³. M. Nadjmuddin ⁴. Herman ⁵. Zakaria

Politeknik Negeri Sriwijaya

Email : sunanissomad76@gmail.com

aryantinurul476@gmail.com

mnadjmuddin@yahoo.co.id

Abstract. Salah satu kemampuan dasar yang perlu dikembangkan anak-anak usia dini adalah kemampuan berinteraksi dengan teman sebaya, keluarga, orang dewasa lainnya dan memahami dunia sekitar di mana anak-anak tersebut hidup. Pembelajaran di sekolah dasar (SD) umumnya yaitu, memberikan pelajaran membaca, menulis berhitung dan bahasa Inggris sebagai bahasa asing yang mengajarkan berbagai kemampuan akademik. Dalam Kegiatan Belajar Mengajar (KBM) guru masih dominan dan masih menjadi pusat pembelajaran. Hal ini membuat para siswa cenderung menjadi pasif dalam belajar dan hanya menerima. Anak-anak mengembangkan kemampuan memahami lingkungannya melalui kegiatan meneliti, menguji dan mengeksplorasi lingkungannya. Untuk membantu mengatasi permasalahan yang dihadapi oleh guru-guru SD-SMP Al Kahfi maka kelompok pengabdian masyarakat akan mengadakan pembinaan seperti; Memberikan pemahaman pada guru tentang kurikulum dan pembelajaran dengan menggunakan *Inquiry Technique*, membimbing guru menyusun perangkat pembelajaran, dan mengajarkan cara melaksanakan KBM di kelas dan. Kelompok pengabdian juga meberikan Buku Pegangan Guru *Teachers Book*.

PEMBUATAN PEDOMAN STRATEGI PENGAJARAN 'ENGLISH FOR YOUNG LEARNERS' BAGI YAYASAN AL-KAHFI PALEMBANG

Paper ID : #1782

Moehamad Ridhwan, Sri Endah Kusmartini, Zulkifli, Risa

Email : moehamadridhwan@yahoo.co.id
sriendahkusmartini@yahoo.com
zulzulkiflierwin@yahoo.com
risa17ali@gmail.com

Abstract: Teaching English for young learners requires a strategy that should fit in with their psychological condition. Young learners or children have such an abundant amount of energy that makes them physically active and may not be able to sit still or concentrate for a long period of time. Therefore, giving them a series of class activities which pressure them to listen carefully to the teacher may lead to undesirable results such as their becoming bored and restrained or even worse, developing indignation towards the lesson itself. There is nothing good that can be derived from this situation in which the children have shielded themselves from learning, A strategy should be made in which young learners may have their natural tendencies to play be catered for, while at the same time they are also learning their lesson which, in this case, the English language. As for this year's public service, the writer and his team managed to share some of the teaching strategies for young learners with Yayasan Al-Kahfi Cabang Palembang.

Keywords: strategy, young learners, public service

PEKERJAAN RENOVASI TOILET DAN TEMPAT WUDHU MASJID BAITULLAH DI JALAN SULTAN MANSYUR PALEMBANG

Paper ID : #1757

¹ Dafrimon, ² Sukarman, ³ Siswa Indra, ⁴ Sri Rezki Artini, ⁵ Revias Noerdin
Politeknik Negeri Sriwijaya

email: Dafrimonkarim0880@gmail.com
sukarman@polsri.ac.id
siswaindra@gmail.com
reviasnoerdin@yahoo.co.id
srirezkartini@polsri.ac.id

Abstract. The mosque is a place of worship for Muslims. Mosque means a place of prostration, and other designations for mosques in Indonesia are mosque, langgar or surau. In addition to places of worship, the mosque is also the center of life of the Muslim community. Mosque (nonstandard form: mosque) is a house of worship for Muslims. There are still many mosque buildings that need to be repaired including toilets and ablution places. Problems that arise in the field are influenced by the age factor of building components, building damage is also caused by natural factors. Building as well as other construction materials will be damaged. One of the damage factors is the presence of components that have reached the planned life. Components whose age does not reach the planned life, but are damaged will be replaced with new components. From the results of this dedication activity, our dedication team made a target to be achieved in this activity measuring every building to be renovated. This measurement is carried out by a team of surveyors who are experienced in the field of measurement. The method used in carrying out this activity is a direct survey to the field by measuring the surveyor team from the Civil Engineering of the Sriwijaya State Polytechnic. From the results of measurements in the field, the data is submitted to the drafting team which is then made a planning drawing, then by the drafting team, the planning drawings are given to the estimator team to calculate how much it will cost to renovate the toilet and the ablution of the Baitullah mosque. To be able to meet these needs, the toilet and ablution place of Baitullah Mosque on Jalan Sultan Mansyur will be planned. The plan drawing has been done by the drawing team from Sriwijaya State Polytechnic Department of Civil Engineering. Hopefully this renovation will increase the comfort of the Baitullah Mosque worshipers.

Keywords: mosque, toilets, ablution places, materials, survey

PELATIHAN LESSON STUDY DAN PENULISAN LAPORAN PENELITIAN TINDAKAN KELAS (PTK) BAGI GURU SEKOLAH MENENGAH KEJURUAN KABUPATEN SAROLANGUN

Paper ID : # 1639

Silvia Fitriani, Uli Wahyuni

Universiti Batanghari Jambi

Email: silviafitriani1089@yahoo.com
uli09yumna@gmail.com

Abstract Lesson Study is a system of founding efforts to improve the learning process, which is highly demanded in the 21st century learning. Thus the community service team does the community service that aims to help vocational High School teachers in Sarolangun Regency to make Classroom Action Research report and the implementation of lesson study. This training is held for 1 semester by involving Mathematics and Bahasa Indonesia model teacher. The community service team provided the procedure of implementing lesson study in the classroom and making a Classroom Action Research report. The implementation of the community service activities is expected to be able to help teachers to improve teacher's performance in making Classroom Action Research report.

PENGEMBANGAN MATERI PEMBELAJARAN BERBASIS APLIKASI

Paper ID : # 1642

Ade Silvia Handayani, Nyayu Latifah Husni, Sopian Soim, Rumiasih, Carlos Sitompul, Ali Nurdin, Suroso

Politeknik Negeri Sriwijaya

Email: ade_silvia@polsri.ac.id

Abstract, Limited ability from the teacher in creating teaching material, less creative and less innovative are the problem in applying ICT's based education. It's because the capability from the teacher in use of support learning media based on application are less adequate. Learning application really needed to create the concepts of inserting contents into the learning media such as adobe flash for video and game, prezi's application to make animation, also digital book also called as electronic book or abbreviated as e-book. Because of that, with the community service program, provide a solution to solve the problem by giving workshop in learning media development based on application such as adobe flash application for video game, prezi to make animation. This activity aims to motivate in creating interesting and fun concepts in learning media presentation, making it easier in presenting the material and improve students ability for better lesson reception.

TEKNIK PEMASARAN SABUN CAIR CUCI PIRING CHEMLIGHT BERBASIS ONLINE DI DESA FAJAR BARU LAMPUNG SELATAN

Paper ID : # 1715

Ni Luh Gede Ratna Juliasih, Pigo Nauli, Nurhasanah, Agung Abadi Kiswandono

Universitas Lampung

Email: niluhratna.juliasih@fmipa.unila.ac.id
nur.hasanah@fmipa.unila.ac.id
agung.abadi@fmipa.unila.ac.id
pigo.nauli@feb.unila.ac.id

Abstract The strategic location of Desa Fajar Baru gives an opportunity for expanding the entrepreneurship in profitable business of liquid soap called chemlight. The mother's society named PKK Desa Fajar baru accompanied by the Unila Community Team through Unila's DIPA BLU 2016 and 2018 has succeeded in production of Chemlight brand, although it has still produce a simple and based on orders liquid soap. Poorly management in production and sales has an impact of reduction in the profit. Through this community service activities, coaching has been made in making production house and online-based marketing (websites and android applications) without leaving conventional systems. The results showed that there was an increase in the knowledge of participants in terms of online marketing of chemlight soap by up to 40%, therefore, this online-based marketing became a trigger for increasing people's welfare. The existence of a production house also increases the entrepreneurial interest of the PKK Desa Fajarbaru community.

PELATIHAN EKOWIRAUSAHA PRODUK DETERGEN DAN EDUKASI HUKUM DAGANG DI DESA AIR NANINGAN

Paper ID : # 1728

Sumiharni, Heni Siswanto, Yulia Kusuma WARDANI, Munaris Munaris, Agung Abadi Kiswandono

Universitas Lampung

Email: Sumiharni.1957@eng.unila.ac.id
heni.siswanto@fh.unila.ac.id
yulia.kusumawardani@fh.unila.ac.id
munaris.1970@fkip.unila.ac.id
agung.abadi@fmipa.unila.ac.id

Abstrak Desa Air Naningan Kecamatan Air Naningan mempunyai akses yang strategis dengan pusat bisnis, yaitu pasar Air Naningan. Kemudian Sepanjang jalan setelah Pringsewu menuju Wonosobo dan Semaka ke arah Pesisir Barat dan Lampung Barat juga merupakan lokasi bisnis dan pemasaran produk lokal. Kedekatan dengan pusat bisnis ini memberikan keuntungan kepada masyarakat untuk meningkatkan wirausaha menjadi produsen detergen berbasis ekowirausaha. Salah satu kegiatan yang dapat diusahakan adalah grosir detergen. Walaupun produk ini mudah didapat, tetapi bagi masyarakat akan merasa sulit untuk mendapatkan produk tersebut dengan harga yang lebih murah. Bahan detergen adalah produk yang mudah dibuat dengan modal yang murah. Kelompok PKK Air Naningan berkeinginan untuk menambah penghasilan dan membuka lapangan pekerjaan, sehingga kelompok mitra ini memerlukan dukungan dan pendampingan terkait aspek hukum dan aspek teknis pembuatan detergen. Tujuan dari kegiatan pengabdian kepada masyarakat ini adalah, selain pendampingan dalam pembuatan detergen, juga pendampingan kepada kelompok mitra dalam bentuk pelatihan dan praktek, penyuluhan merk dan labelling serta edukasi hokum perdagangan. Hasil pengabdian didapatkan bahwa peningkatan pengetahuan peserta sebesar 65,5% (21,08% menjadi 86,58%). Selain itu bahwa kelompok mitra juga sudah bisa membuat produk detergen dengan beberapa kemasan.

ALAT PEMBUATAN MINYAK *VIRGIN COCONUT OIL* (VCO) UNTUK INDUSTRI KECIL

Paper ID: # 1758

Taufikurrahman¹⁾ dan Ella Sundari

Politeknik Negeri Sriwijaya

Email : taufikmesin@yahoo.co.id

Abstract. Santan merupakan suatu emulsi minyak dalam air. Protein (berupa lipoprotein) yang terdapat di dalam santan berfungsi sebagai pengemulsi. Salah satu penyebab hilangnya stabilitas protein adalah adanya pengadukan. Lapisan molekul protein bagian dalam yang bersifat hidrofob berbalik ke luar, sedangkan bagian luar yang bersifat hidrofil terlipat ke dalam. Hal ini menyebabkan protein mengalami koagulasi dan akhirnya akan mengalami pengendapan, sehingga lapisan minyak dan air dapat terpisah. Proses pemisahan minyak, air dan padatan diperlukan proses pengadukan, pada proses pengadukan ini dilakukan dengan mesin. Mixer VCO adalah sebuah alat bantu untuk mengaduk santan segar menjadi VCO (Virgin Coconut Oil). Mixer VCO ini biasanya sebagai alat bantu pengaduknya. VCO (Virgin Coconut Oil) dibuat dari kelapa segar tanpa melalui proses pemanasan. Proses pembuatan VCO salah satu dengan menggunakan mesin Mixer, proses ini akan mendapatkan kualitas VCO yang terbaik. Putaran optimal dalam proses pembuatan VCO adalah pada putaran 1500 RPM dengan waktu operasional berkisar 10 – 15 menit. Rendemen VCO yang dihasilkan rata-rata 23 %.

Keywords : Santan, Emulsi, VCO dan Rendemen

PERBAIKAN SISTEM PENCETAKAN DAN PENCAIRAN ALUMINIUM DI INDUSTRI KECIL PENGECORAN LOGAM MANDIRI

Paper ID : #1759

Ella Sundari¹⁾, Taufikurrahman¹⁾

Politeknik Negeri Sriwijaya

email: e_sundari@polsri.ac.id
taufikmesin@yahoo.co.id

Abstract. Palembang is a city which has many rivers. The water transportation is driven by a fuel motor and the boat propeller is using a flexible coupling that connected to the motor shaft. Flexible coupling and propeller are the engine component that very hard to find, and also the component that often suffer damage. Flexible coupling and propeller are made of aluminium alloy which is casted by using sand molding. The fuel which is usually used for aluminium smelting in small industries is used oil that is very dangerous for the environment. The dangerous substances in used engine oil including chemicals, such as hydrocarbon and sulfur. If these elements get burned, will be very dangerous for health and environment. In order to reduce the use of used oil as a fuel, the author do the counseling of used oil hazards and the fuel substituent namely, gas. The counseling is also done in terms of making the right casting solution for sand molding to produce a better quality of casting products.

Keywords : Used Oil, Aluminium, Sand Casting, Flexible Coupling, Propeller

PERANCANGAN SURAT BISNIS SECARA ELEKTRONIK PADA KERUPUK-KEMPLANG DAN PEMPEK Hj. EVA YUNUS

Paper ID : #1760

Esya Alhadi¹⁾, Heri Setiawan²⁾, Fetty Maretha³⁾, Jusmawi Bustan⁴⁾, Rini⁵⁾

Politeknik Negeri Sriwijaya

Email : esyaalhadi@polsri.ac.id

fetty_polsri@yahoo.com

Abstract. Community service activities in the business of kemplang and pempek Hj. Eva Yunus aims to improve knowledge and skills in the designing business letters that meet the requirements for good letters. The problem faced by the Hj. Eva Yunus is less proactive in marketing the products produced, where they are only waiting for buyers who comes at the place of business, and supplying the several shops that work together to market kemplang crackers. Therefore, to remain competitive in the kemplang business competition, the management must implement a marketing strategy that is able to adapt to business conditions and cooperate with various related parties such as restaurants, canteens, cooperatives. In addition, to overcome this, the manager can carry out written communication through letters (for example, offer letters). To solve the problem at hand, the method used is socialization to partner about the importance of knowledge about designing business letter followed by an explanation of how to make business letters that meet the requirement of good letter, in terms of designing parts of the processing and email programs. The results achieved from this counseling activity are that there is an increase in the knowledge and skill of administrative employee in designing business letters that meet requirement for good letters using word processing and email programs.

Keywords: Business Letter, Word Processing

PEMBUATAN PAKAN TERNAK DARI LIMBAH KULIT DOGAN PADA PETERNAK SAPI POTONG DI KELURAHAN SUKAJAYA KECAMATAN SUKARAME PALEMBANG

Paper ID : #1762

K.A Ridwan¹⁾, Taufiq Jauhari²⁾, Hilwatullisan³⁾, Sutini⁴⁾

Polteknik negeri Sriwijaya

email: k.aba25@yahoo.co.id1)

hilwalisan@yahoo.com

Abstract. One of the problems of the beef cattle farm group in South Sumatra is the availability of quality and continuous feed. The main area of beef cattle farming is generally located on the edge of the city where usually many plantations. Like in Sukawinatan, a lot of coconuts are planted for dogs. But dogan waste is still untapped so this is what encourages the Extension Team to optimize the Young Coconut or dogan waste into quality animal feed. Our hope as the extension team is that one of them is helping the government program in managing municipal waste and also reducing expenses from Beef cattle farmers in preparing their animal feed. The method used in empowering the target group is a learning technique in the form of providing theories and simulations to the target group members and subsequently direct practice of making animal feed from dogan or young coconut together with the extension team and group members. The level of participation and enthusiasm of participants in this activity is relatively very high. After this activity the participants are expected to understand and make animal feed from dogan waste correctly. The output of this assignment service is a prociding or national journal.

Keywords: Waste, Dogan Skin, animal feed, beef cattle.

PEMANFAATAN SMARTPHONE SEBAGAI BUKU SAKU DIGITAL DALAM MEMBANTU PROSES PEMBELAJARAN DI SMA AR RAHMAN PALEMBANG

Paper ID : # 1730

Ade Silvia Handayani, Nyayu Latifah, sopian soim, suroso suroso, Rumiasih
Rumiasih, Carlos R Sitompul, Ahmad Taqwa

Politeknik Negeri Sriwijaya

Email: ade_silvia@polsri.ac.id

Abstract. Activities performed, learning media based on android and Buku Saku Digital product training, to improve Madrasah Tsanawiyah and Madrasah Ahliyah Ar-Rahman Palembang's ability in learning process creativity and effectiveness. From the survey results that have been done with the presence of Buku Saku Digital, it make learning process easier and utilization of smartphone efficiently as a learning media. The activities that have been done has obtain a very wonderful appreciation from the partner, also can help solving the problem of android utilization in learning process.

PENGEMBANGAN DAN POSITIONING PRODUK PADA USAHA KUE RUMAHAN UTI PALEMBANG

Paper ID : #1731

Yulia Pebrianti¹, Neneng Miskiyah², Purwati³, Mariskha. Z⁴, Markoni Badri⁵, Suhairi Hazizma⁶

Politeknik Negeri Sriwijaya

Email: yuliapch@yahoo.co.id
nenengmiskiyah@yahoo.co.id
purwati65@gmail.com
mariskha@polsri.ac.id
markonibadri667@gmail.com

Abstract. Maintaining a product which has a similarity to a competitor's product is not an easy thing, so that the product must have an advantage over competing product. Based on the observations, Usaha Kue Rumahan Uti as a business owner has a problem on product development and positioning. The method of implementation carried out by the team in community service is to carry out socialization as an effort to approach the implementers and business owners in the hope that there will be a good cooperative relationship to increase the profits of the business. So far, Partner has been developing products by making various kinds of cakes that are sold every day and are always sold out. The cakes which produced every morning are Donut, Brownies, Lemper, Serikayo, Martabak, Bolu Gulung, dan Bolu Kukus Ubi Ungu. For Product Positioning, Partner are able to sell a variety of cakes every day, but has one superior product, Pineapple Layer Cake. Team helped to determine product positioning starting from product attributes, best prices, based on competitors, product categories and services. Team also found something that still needed to be improved was in the service department and Partner had to know and find the information about the product based on competitors.

Keywords: Product Development, Positioning

PENGELOLAAN USAHA PADA USAHA MIKRO KECIL MENENGAH DI KAWASAN INDUSTRI TUAN KENTANG

Paper ID : #1735

Maria Maria¹⁾, Aladin Aladin²⁾, Firmansyah Firmansyah³⁾, Desi Indriasari⁴⁾, Endah Widyastuti⁵⁾ Choiruddin Choiruddin⁶⁾

Politeknik Negeri Sriwijaya

*mariamardjuki@polsri.ac.id

Abstract. Micro, Small and Medium Enterprises (MSMEs) as a business that unites, directs and develops creative power, innovation, and business power of people. In running a business MSMEs do not escape from various obstacles such as low productivity due to the quality of human resources, limited production equipment, lack of venture capital, and financial management. Micro business activities often fail or go bankrupt because there is no ability to manage finances properly. This condition happens because the finances of the micro-managed businesses are not separated from family finances. MSMEs which are located in the industrial area Tuan Kentang need to get knowledge input in developing their business. One of MSMEs in question, namely "Yan Tenun" which is engaged in TenunTajungtypical Palembang. YanTenun's business located at Jl. Aiptu A. Wahab No 42 RT31/RW 01. With the existence of training activities in the field of management and finance in managing the business, it is expected to help the "Yan Tenun" business in improving the quality and quantity of production and financial management. The service program activities start from owner's understanding of managing the business to the administration of its financial . The approach is carried out by directing, discussing and making reports on the cost of Tenun Tajung production.

Keywords: micro business, business management, tenun tajung

PENINGKATAN PROFESIONALISME GURU SDN 130 PALEMBANG MELALUI PELATIHAN KOMPUTER MENGGUNAKAN APLIKASI MICROSOFT WORD

Paper ID : #1748

Lindawati¹⁾, Irma Salamah²⁾, Asriyadi³⁾, Mohammad Fadhli⁴⁾

Politeknik Negeri Sriwijaya

email: lindawati@polsri.ac.id
irma.salamah@polsri.ac.id,
asriyadi@polsri.ac.id
mohammad.fadhli@polsri.ac.id

Abstract. Along with the rapid development of computer technology, teachers are highly demanded to improve their competencies to become professionals. As the foundation of education, elementary school teachers deserve attention, in this case including the 130 Palembang Primary School teachers. Attention to these teachers shows that the majority of Palembang 130 Primary School teachers still do not utilize computer technology for the learning process. The limited ability is very possible due to the suboptimal use of software that is commonly used (user friendly) in learning activities. In fact, there are several user friendly software that can be used to facilitate teachers in administering learning activities, one of which is the Microsoft Word application. Based on this, a dedication needs to be made aimed at providing computer training for teachers of Palembang 130 Primary School using the Microsoft Word application. Computer training materials using the Microsoft Word application include the following three things: getting to know Microsoft Word, making activity reports, letters and tables and processing words from composition, editing, formatting, and printing results. By holding training for the Palembang 130 Elementary School teachers, it can facilitate the teachers in administering learning activities so that the learning process can be carried out quickly and efficiently.

Keywords: user friendly, microsoft word, software

PELATIHAN PENGELOLAAN PROYEK JALAN PADA PT. SEMARANG JAYA PRIMA

Paper ID : #1769

¹ Zainuddin, ² Kosim, ³ Sudarmadji, ⁴ Raja Marpaung, ⁵ Soegeng Harijadi

Politeknik Negeri Sriwijaya

email: zainuddin_muchtar@yahoo.co.id

kosimmt@gmail.com

sudarmadjik@yahoo.co.id

raja.marpaung@gmail.com

Soegeng_semar@yahoo.co.id

Abstract. The training was held at hall PT. Semarang Jaya Prima with participants of all company employees. This activity starts from the explanation about AutoCAD (Automatic Computer Aided Design) is a software used to draw and design drawings such as architectural, mechanical, civil, electro, etc., the basic concepts of using AutoCAD, setting the image area, making drawings with AutoCAD, writing special characters for text, dimensions, and printing. Calculating the quantity of work aimed Can know the needs of materials needed, Can be obtained by the cost budget (materials and wages), Can be set the scale of priority work, even though the budget is limited. Calculating the unit price of work includes: calculating resource requirements, labor coefficients, material coefficients, tool coefficients, calculating resource requirements. Make a schedule for the implementation of activities (Time Schedule). The barchart diagram shows the length of time for implementation. Besides that it can also show the length of use of tools and materials needed. The results of the training all participants who attended the training were able to: operate AutoCAD, calculate the quantity of work, calculate the price of the work unit and make (Time Schedule). With this training all company employees can improve their performance in handling a road project.

Keywords: AutoCAD, Quantity, Unit Price, Barchart

WEBSITE SEBAGAI SARANA PROMOSI UKM SOPYAN

Paper ID : #1745

Indri Ariyanti¹⁾, Nita Novita²⁾, Delta Khairunnisa³⁾, Aris Ganiardi⁴⁾

Politeknik Negeri Sriwijaya

email: indri@polsri.ac.id
nita_novita_mi@polsri.ac.id
delta_khairunnisa_mi@polsri.ac.id
marisg2010@gmail.com

Abstract. Sopyan UKM is one of Palembang's craftsmen of Palembang woven fabric cloths / tajung located in the Tuan Kentang area of Palembang which is led by Mr. Sopyan Candra. The internet is a tool used by UKM Sopyan in introducing and promoting its products. Both through the website and social media such as Instagram, line, and WhatsApp. For this reason, counseling needs to be given on how to create a Website and introduce equipment used in the process of making woven woven cloths / tajung to Sopyan Palembang UKM.

Keywords: UKM. Website, Counseling.

PELATIHAN PELAKSANAAN PEKERJAAN PERKERASAN JALAN BAGI MASYARAKAT KONSTRUKSI

Paper ID : #1770

¹ Yusri Bermawi,²A. Latif, 3 Moch. Absor

Politeknik Sriwijaya

email: yusribermawi18@gmail.com

latiftamim56@yahoo.com

absorputrasam@yahoo.com

Abstract. Community service activities aims to conduct training in implementation of road pavement. The training method used was in the form of briefing from the preparation, implementation and field inspection stage of the work. In the final session the material briefing was an evaluation from a team of competent speaker and assessor. The partners of this activity is LKPP Sriwijaya Universal, who has been activity and is concentrated on training in civil Engineering with the aim of preparing prospective workforces ready to work. This training is in line with the existence of partners, as well as the objectives to be achieved by drafting tem. The object of activity is the construction society from the Palembang city and the province of south Sumatera. Through this training participant are able to apply the phasing of work to the implementation of road pavement, starting from the preparation of the implementation to the pavement quality inspection. Finally, from this training it was found that the training participants became competent after the briefing through competency tests from the speaker and assessor

Keywords: work implementation, road pavemen, sfecifikation

PENYULUHAN PENGHITUNGAN BREAK EVEN POINT PADA USAHA KERUPUK KEMPLANG & PEMPEK Hj. EVA YUNUS PALEMBANG

Paper ID : #1771

Lisnini^{*1}, Elisa^{*2}, Munfaridi^{*3}, G A Oka Windarti^{*4}, M Yusuf^{*5}

Politeknik Negeri Sriwijaya

Email : ¹Lisnini21@gmail.com

²Elisaagusmugiarto@yahoo.co.id

³munfaridi@yahoo.com

⁴okawindarti

⁵habib_yosefa9@yahoo.com

Abstract. The dedication to this community is entitled Counseling on Break Even Point (BEP) Analysis in the Kerupuk Kemplang and Pempek Hj Eva Yunus Business in Palembang City, located on Jl KH. A. Azhari Lorong Anten-anten no. 576 RT. 16 RW.04 Kelurahan 5 Ulu Palembang is under the auspices of PT Pusri Palembang. This business is a family business (home industry) and since 1990 this business has been held by Hj Eva Yunus. Previously this business belonged to Hj Eva Yunus's parents. Since 2012 development has been carried out with additional products namely; pempek, model or tekwan, previously only kerupuk and kemplang only. Based on problems related to the calculation of Break Even Point (BEP) in the Kerupuk Kemplang and Pempek Business Hj Eva Yunus in Palembang City, and how to calculate the Break Even Point (BEP) in the Kerupuk Kemplang and Pempek Business, and how many units that must be generated so that the company earns a profit which is expected. In this effort, the author sees that there are not 5 direct workers and 5 indirect workers. The initial capital of Rp. 500,000.00 (in 1990) after the development of this business was fostered by PT Pusri. They get a loan of IDR 50,000,000 - IDR 70,000,000 per 2 years with an interest of 3%. In this business, the business owner is not counted as labor and the building where the business is located is not counted, nor are his nephews or workers working in the house. So by giving a BEP Analysis counseling, it is expected that business owners can calculate the BEP in units and the BEP in rupiah can also determine the expected profit.

Key word: BEP, profit, company

PENDAMPINGAN PEMBUATAN SUSU SKIM DARI KELAPA SEBAGAI SUMBER GIZI ALTERNATIF DI BANYUASIN

Paper ID : #1792

Indah Purnamasari¹⁾, Ahmad Zikri²⁾, Selastia Yulianti³⁾, Lety Trisnaliani⁴⁾

Politeknik Negeri Sriwijaya

Email: indah.purnamasari@polsri.ac.id

Abstract. Coconut is a plant that has many uses that grows very well in almost all regions in Indonesia. Banyuasin is the largest coconut plantation producing region in South Sumatra. The main product of coconut processing is Virgin Coconut Oil (VCO). The process of taking coconut milk cream for making VCO or for other purposes produces coconut milk in sufficient amount. But usually this skim is only discarded because it does not produce oil. The use of coconut milk skim is interesting because it can add value to the coconut processing and reduce the waste produced. as an effort to increase the nutritional consumption of the community with the attraction of the diversity of its products, it also aims to increase the durability of the product so as to overcome the problem of space and time limitations. The composition of skim coconut is similar to cow's milk, so that special treatment can be consumed directly. This activity is expected to help government programs in tackling food and nutrition scarcity by producing cheap and affordable coconut skim milk. The results showed that the assistance of making skim milk from coconut was quite attractive and quite liked by the participants.

Keywords: Coconut, Coconut Skim Milk, VCO

PELATIHAN PEMANFAATAN APLIKASI KOMPUTER SEDERHANA BAGI GURU SD NEGERI 114 PALEMBANG

Paper ID : #1793

Desi Apriyanty ¹, Indra Satriadi, S ², Sony Oktapriandi ³, Hetty Meyleni ⁴

Politeknik Negeri Sriwijaya

Email : <http://www.polsri.ac.id>. Pos El Info@polsri ac.id

Abstrak. Perkembangan teknologi mengalami kemajuan yang luar biasa terutama jaringan informasi dan komunikasi dengan ditandai munculnya beragam peralatan teknologi informasi seperti *smartphone*, komputer, maupun laptop serta perkembangan jaringan internet. Hal ini membawa dampak positif pada dunia pendidikan baik untuk para peserta didik maupun tenaga pengajar. Selain kemudahan dalam mengakses bahan ajar, menambah wawasan ilmu pengetahuan, kemajuan teknologi juga dapat dijadikan alat untuk memperlancar dalam kegiatan sehari-hari yang berkaitan dengan proses pembelajaran dan bidang administrasi dengan menggunakan *Microsoft Office* yang terdiri dari *Microsoft Word*, *Microsoft Excel*, dan *Microsoft .Power Point* dan Jaringan internet. Penerapan komputer sederhana dengan menggunakan *Ms. Office*, diharapkan kedepannya tenaga pendidik di SD Negeri 114 Palembang dapat menerapkan proses Pembelajaran agar siswa lebih mudah dalam memahami materi ajar yang disampaikan sehingga dapat meningkatkan keingintahuan siswa terhadap mata pelajaran yang mereka jalani maupun ilmu-ilmu baru lainnya. Melalui teknologi informasi khususnya komputer, guru juga dituntut untuk lebih inovatif dan kreatif dalam proses pembelajaran, menambah ilmu-ilmu yang baru disamping para mendidik juga melalui pelatihan pengenalan komputer sederhana ini secara tidak langsung dapat mengurangi pengajaran secara verbal.

Keyword: Teknologi Informasi, komputer, *Microsoft Office*, *internet*

PELATIHAN PEKERJAAN PEMBESIAN KOLOM PADA RSUD TALANG UBI KABUPATEN PALI

Paper ID : #1756

¹ Lina Flaviana Tilik, ² B. Hidayat Fuady, ³ Djaka Suhirkam, ⁴ Suhadi, ⁵ Hamdi

Politeknik Negeri Sriwijaya

email: lina_tilik@yahoo.co.id
hidayat_fuady@yahoo.co.id
djakasuhirkam@gmail.com
suhadipoltek@gmail.com
hamdimuchtar@yahoo.com

Abstract. In carrying out a building construction process the thing to consider is situation analysis. A safe field situation will have an impact on the smooth development process that will be carried out. For this reason, it is necessary to have a security fence around the project so that security and safety for workers and residents around the project, because only those who have an interest in the project are permitted to enter the project area. In addition, all aspects of the construction phase must be taken into account, especially the repetition stage, because the installation of the reinforcement must be in accordance with the contents of the contract and the Work Plan Specifications (RKS). In this community service, the writer and the team provide training on the completion of a column which is the upper structure. This training was carried out on a building construction project at the Talang Ubi Regional Hospital in Pali district, South Sumatra. The development of this hospital includes the construction of the lower structure to the upper structure. The partner who helped carry out the training was PT. Pilar Mas Perkasa which is engaged as an executive contractor. From the results of this dedication activity, our dedication team has a target to be achieved, namely to provide training on the work of mounting column reinforcement iron, namely how to bend the reinforcement in the column, fixing the correct column accompanied by installing formwork for the column. The method used in carrying out this activity is direct observation in the field, namely the Talang Ubi Regional Hospital in Pali district. This training activity by giving guidance to the handyman and field supervisor. The directions given include checking the reinforcement used must be in accordance with the work contract, tools used to make hooks on the reinforcement, K3 used by builders and field supervisors. From the training in the installation of reinforcing steel columns at the Talang Ubi Regional Hospital in Pali district, as follows the installation of reinforcing iron in column work must pay attention to the hooks in each reinforcement bar, the bending of the reinforcing iron must also be carried out according to the procedure, which must be done before assembly, cutting concrete steel cannot be carried out carelessly, make sure the concrete iron (plain or threaded) has a standard length of 12 meters and its diameter must also be in accordance with needs, bending tools must be in accordance with the diameter of the iron, especially the size of the bending gap.

PENINGKATAN MINAT ANAK DI BIDANG ROBOTIKA

Paper ID : #1797

Nyayu Latifah Husni¹, Ekawati Prihatini², Evelina³, Rici Riansyah⁴, Adhe Praja Prasetyo⁵, Kharina Anjani⁶

Politeknik Negeri Sriwijaya

Email : eka_plg@yahoo.com, Latifah3576@yahoo.com, Evelina.ginting@yahoo.co.id
riciriansyah28@gmail.com, adheprasetyo98@gmail.com,
Kharinaanjani@gmail.com

Abstract. Harapan Mulia SDIT is an Islamic based elementary school in Palembang. SDIT Harapan Mulia provides a variety of excellent facilities with competent teaching staff. This elementary school has various extracurricular activities such as dancing, taekwondo, science club, music class and robot. Based on observations of interviews conducted with the principal at SDIT Harapan Mulia, the students were not interested in learning robotics. This can be proven from the increasing number of students who choose to participate in Robotics extracurricular activities. This service is carried out with the aim of re-creating student interest in participating in robotics activities. In practice, this service not only provides information to students about the importance of robotics, but also demonstrates and provides a brief workshop on making simple robots.

Keywords : Robotics, technology, extracurricular activities