

Symposium 1 : Smart Grid and Regulation
 Date : 06 September 2018
 Time : 13.00 - 15.30
 Room : Kharisma Ballroom
 Session Chair : Assoc. Prof. Geoff Walker, Ph.D

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Chrisnawan Anditya as Invited Speaker	Andy N. Sommeng	Ministry of ESDM RI	Boosting "Renewable Energy" Power Generation in Indonesia Electricity Sector: A Policy Action by the Government.	312	13.00-13.15
2	Alfonsina Abat Amelenan Torimtubun	<u>Alfonsina Abat Amelenan Torimtubun</u> , Eka Maulana and Lusi Ernawati	Kalimantan Institute of Technology	Affordable and Sustainable New Generation of Solar Cells: Calcium Titanate (CaTiO ₃) – Based Perovskite Solar Cells	61	13.15-13.30
3	Fajri Ashfi Rayhan	<u>Fairi A Rayhan</u> , Yanuar and Agus S Pamitran	Universitas Indonesia	Ice slurry based low concentration of seawater for application in thermal energy storage of fishing vessel	2	13.30-13.45
4	Abdul Goffar Almubarak	<u>Abdul Goffar Al Mubarak</u> , Winsu Djatmiko and Muhammad Yusro	Universitas Negeri Jakarta	Design of Arduino-Based Small Wind Power Generation System	36	13.45-14.00
5	Arrad Ghani Safitra	<u>Arrad Ghani Safitra</u> , Fifi Hesty Sholihah, Erik Tridianto, Ikhsan Baihaqi and Ni Nyoman Ayu Indah T.	Politeknik Elektronika Negeri Surabaya	Experimental study of water cooling effect on heat transfer to increase output power of 180 watt peak photovoltaic module	56	14.00-14.15
6	Yutaro Akimoto	<u>Yutaro Akimoto</u> and Shin-Nosuke Suzuki	NIT, Oyama College	Overpotential Evaluation of PEMFC using Semi-Empirical Equation and SEM	189	14.15-14.30
7	Nyayu Aisyah	Muhammad Idrus Alhamid, <u>Nyayu Aisyah</u> and Nasruddin	Universitas Indonesia	Exergy and Exergoenvironmental Assesment and Optimization of low GWP refrigerant for vapor compression heat pump system	284	14.30-14.45
8	Faisal Adi Jatmoko	<u>Faisal Adi Jatmoko</u> and Eny Kusrini	Universitas Indonesia	Analysis of CO ₂ transmission pipelines for CO ₂ enhanced oil recovery networks: gas field X to oil field Y	52	14.45-15.00
9	Sonki Prasetya	<u>Sonki Prasetya</u> , Mohammad Adhitya, Hendri Ds Budiono and Danardono As Sumarsono	Universitas Indonesia	A comparison study of braking system actuators for electric shuttle bus	249	15.00-15.15
9	Ida Ayu Nyoman Titin Trisnadewi	Wayan Nata Septiadi, <u>Ida Ayu Nyoman Titin Trisnadewi</u> , Nandy Putra	Udayana University	Synthesis of Hybrid Nanofluids with Two-Step Method	309	15.15 - 15.30
10	Arliyandi	Wayan Nata Septiadi, <u>Arliyandi</u> , I.G. A. Pristha Arvikadewi, I Putu Yuda Pramana Putra	Udayana University	Output Voltage Characteristic in System Lighting Road Based on Heat Pipe and Thermoelectric	307	15.30 - 15.45

Symposium 2 : Bioenergy
 Date : 06 September 2018
 Time : 13.00 - 16.00
 Room : Shinta
 Session Chair : Prof. Dr. Hj Khudzir Hj Ismail

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Prof. I Nyoman Suprapta Winaya, ST,MA.Sc., Ph.D as Invited Speaker	<u>I Nyoman Suprapta Winaya</u> , I Ketut Gede Wirawan, I Wayan Arya Darma, I Putu Lokantara, Rukmi Sari Hartati	Udayana University	An increase in Bed Temperature on Gasification of Dual Reactor Fluidized Bed	311	13.00-13.15
2	Ishak Kadir	<u>Ishak Kadir</u> , Arman Faslih and Muhammad Umar	University of Halu Oleo	Creative And Innovative Products Material Floor From Shellfish (Anadara Grandis) Waste	5	13.15-13.30
3	Jayusandi Mulya Sentosa	Setiadi and <u>Jayusandi Sentosa</u>	Universitas Indonesia	The Combined Process of Pyrolysis and Catalytic Conversion from Biomass toward Light Olefin Hydrocarbon with Supported Metal Catalyst	141	13.30-13.45
4	Justin Edgar	Dijan Supramono, <u>Justin Edgar</u> and Mohammad Nasikin	Universitas Indonesia	Hydrogenation of Non-polar Fraction of Bio-oil from Co-pyrolysis of Corn Cobs and Polypropylene for Bio-diesel Production	162	13.45-14.00
5	Michael Flavin Carli	<u>Michael Flavin Carli</u> and Bambang Heru Susanto	Universitas Indonesia	Synthesis of Bioavtur Through Hydrodeoxygenation and Catalytic Cracking from Oleic Acid Using NiMo//Zeolite Catalyst	137	14.00-14.15
6	Suhartono	<u>Suhartono</u> , Suharto and Nurlaila Agustina	Universitas Jenderal Achmad Yani	Field Testing and Evaluation of a Domestic Biomass Cookstove in Rural Small Household Industry	186	14.15-14.30
7	Thareq Kemal Habibie	<u>Thareq Kemal Habibie</u> , Bambang Heru Susanto and Michelle Flavin Carli	Universitas Indonesia	Effect of NiMo/Zeolite Catalyst Preparation Method for Bio Jet Fuel Synthesis Submission	140	14.45-15.00
8	Saphira Nurina Fakhri	<u>Saphira Nurina Fakhri</u> , Sari Dafinah Ramadhani and Setijo Bismo	Universitas Indonesia	Coaxial dielectric barrier discharge plasma reactor for biodiesel production from palm oil and methanol	82	15.00-15.15
9	Sari Dafinah Ramadhani	Sari Dafinah Ramadhani, Saphira Nurina Fakhri and Setijo Bismo	Universitas Indonesia	Performance of novel dielectric barrier discharge reactor for biodiesel production from palm oil and ethanol	84	15.15-15.30
10	Jihan Putra Ramdhani	Setiadi Setiadi and <u>Jihan Putra Ramdhani</u>	Universitas Indonesia	Effect of transglutaminase addition on chemical, physical, and culture survivability of set yogurt during storage period	245	15.30-15.45
11	Tri Sesilia Safri	<u>Tri Sesilia Safri</u> , Bayu Indrawan Safri and Kunio Yoshikawa	Tokyo Institute of Technology, Japan	Upgrading of solid fuel and liquid fertilizer from empty fruit bunch employing the hydrothermal treatment in commercial scale	142	15.45-16.00

Symposium 3 : Multifunctional and Advanced Materials
 Date : 06 September 2018
 Time : 13.00 - 15.30
 Room : Arjuna
 Session Chair : Assoc. Prof. Dr. Siti Norasmah Surip

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Dr. Volkan Degirmenci (Invited Speaker)	Volkan Degirmenci	University of Warwick	The production of biomass derived platform molecules by Metal-Organic Framework heterogeneous catalysts		13.00 - 13.30
2	Ali H. Jawad	Nurul Nadiah Mohd Firdaus Hum, Ramlah Abd Rashid and <u>Ali H. Jawad</u>	Universiti Teknologi MARA	Utilization of rice straw as biosorbent for removal Methylene blue from aqueous solutions	81	13.30-13.45
3	Aji Satria Nugraha	<u>Aji Satria Nugraha</u> , Setiadi and Tania Surya Utami	Universitas Indonesia	Effect of Pyrolysis Conditions to Produce Levoglucosan from Rice straw	173	13.45-14.00
4	Annisaa Nurqomariah	<u>Annisaa Nurqomariah</u> , Yuliusman and Radifan Fajaryanto	Universitas Indonesia	Leaching Process and Kinetics Study of Cobalt from Spent Lithium Ion Batteries with Organic Citric Acid	232	14.00-14.15
5	Farish Irfal Bin Saaid	<u>Farish Irfal Saaid</u> , Tseung-Yuen Tseng and Tan Winie	Universiti Teknologi MARA	PVdF-HFP QUASI-SOLID-STATE ELECTROLYTE FOR APPLICATION IN DYE-SENSITIZED SOLAR CELL	202	14.15-14.30
6	Irwin Marlundu Banjarnahor	Sotya Astutiningsih, <u>Irwin Marlundu Banjarnahor</u> and Ahmad Zakiyuddin	Universitas Indonesia	Characterization and Fabrication of Metakaolin using Pulau Bangka Kaolin	124	14.30-14.45
7	Jervis Sinto	Yuliusman, <u>Jervis Sinto</u> , Hizba Naf'An and Yugo Nugroho	Universitas Indonesia	Preparation of activated carbon from banana peel waste as adsorbent for motor vehicle exhaust emissions	117	14.45-15.00
8	Arum Cahyanurani Setyabrata	<u>Arum Cahyanurani Setyabrata</u> , Bambang Priyono, Johny Wahyuadi Soedarsono, Agus Budi Prasetyo	Universitas Indonesia	The Effect of (Na ₂ CO ₃) Natrium Carbonate Addition on Pyrometallurgy Process of Nickel Slag with Different Temperature and Additive Ratio	301	15.00-15.15
9	Rafaeldi Harlin Pangaribuan	<u>Rafaeldi Harlin Pangaribuan</u> , Badrul Munir, Johny Wahyuadi Soedarsono, Agus Budi Prasetyo	Universitas Indonesia	The Effect of NaOH (Natrium Hydroxide) to Slag Nickel Pyrometallurgy in Different Temperature and Additive Ratio	302	15.00-15.30

Symposium 4 : Eco Tropical Built Environment
 Date : 06 September 2018
 Time : 13.00 - 15.30
 Room : Rama
 Session Chair : Prof. Paramita Atmodiwirjo, Ph.D.

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Apriansyah Saputra	<u>Apriansyah Saputra</u> and Hendrajaya Isnaeni	Universitas Indonesia	Building Rejuvenation Approach Trough Revitalization, Rehabilitation and Redevelopment – Case of Vertical Housing in Jakarta	198	13.00-13.15
2	Berry Chaerul Basyir	<u>Berry Chaerul Basyir</u> and Hendrajaya Isnaeni	Universitas Indonesia	Maximizing RUSUNA Development in TOD Jakarta – Case Study TOD Lebak Bulus Jakarta	169	13.15-13.30
3	Diandra Pandu Saginatri	<u>Diandra Pandu Saginatri</u> and Yandi Andri Yatmo	Universitas Indonesia	To Coat or Not to Coat: A question on porosity and coating in building material	222	13.30-13.45
4	Dwiputra Muhammad Zairin	<u>Dwiputra Muhammad Zairin</u> , Fikri Averous and Nelson Saksono	Universitas Indonesia	Degradation of Remazol Brilliant Blue Using Plasma Electrolysis Method with NaCl and Air Injection	132	13.45-14.00
5	FX Teddy Badai Samodra	Fx Teddy Badai Samodra	Institut Teknologi Sepuluh Nopember	An Integrated Control on Thermal and Noise Environment of Tropical Building Material	60	14.15-14.30
6	FX Teddy Badai Samodra	<u>Fx Teddy Badai Samodra</u>	Institut Teknologi Sepuluh Nopember	Standard Review and Update for Tropical Comfort Shift of the Built Environment	62	14.30-14.45
7	Nelson Saksono	Nelson Saksono, <u>Apryani Lestari Naibaho</u> and Tulus Sukreni	Universitas Indonesia	Effect of direct gas injection through anode by plasma electrolysis for batik dye wastewater treatment	55	14.45-15.00
8	Wiwin Sulistyawati,	Yanuar , <u>Wiwin Sulistyawati</u> , Ammar Mahardika and Azwin Alfarizsy	Universitas Indonesia	Experimental hydrodynamic analysis of trimaran-pentamaran with variation transom non-transom on mainhull and sidehull	10	15.00-15.15
9	Wiwin Sulistyawati,	Yanuar , <u>Wiwin Sulistyawati</u> , Joshua Yones and Samodero Mahardika	Universitas Indonesia	Analysis of trimaran-pentamaran side hull location based on clearance and staggers with stern form variations	11	15.15-15.30

Symposium 1 : Smart Grid and Regulation
 Date : 06 September 2018
 Time : 15.45 - 18.15
 Room : Kharisma Ballroom
 Session Chair : Dr. Yuswan Muharam

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Widya Pangestika	<u>Widya Pangestika</u> , Nadira Kamilia Permatasari and Nelson Saksono	Universitas Indonesia	Plasma electrolysis method for reducing COD in tofu wastewater	13	15.45-16.00
2	Nadira Permatasari	<u>Nadira Permatasari</u> , Widya Pangestika and Nelson Saksono	Universitas Indonesia	Tofu wastewater treatment using contact glow discharge electrolysis method and air injection	23	16.00-16.15
3	Wike Widyanita	<u>Wike Widyanita</u> and Nelson Saksono	Universitas Indonesia	Technoeconomic analysis of shale gas gross split contract in Naintupo Formation, Tarakan Basin	14	16.15-16.30
4	Naufal Syafiq Maro	Abdul Wahid Surhim and <u>Naufal Syafiq Maro</u>	Universitas Indonesia	Production Parameter Optimization of LVGO, MVGO, HVGO with Vacuum Distillation Unit Using Multivariable Model Predictive Control.	70	16.30-16.45
5	Rickson Mauricio	Abdul Wahid, <u>Rickson Mauricio</u> and Naufal Syafiq Maro	Universitas Indonesia	Control of Gas Dehydration Unit Using Multivariable Model Predictive Control (MMPC) to Obtain More Optimal Control Performance	71	16.45-17.00
6	Ilham Maulana	Abdul Wahid and <u>Ilham Maulana</u>	Universitas Indonesia	Optimization of Depropanizer Unit that Uses Turboexpander with Controller of Model Predictive Control	72	17.00-17.15
7	Mahdi	Abdul Wahid and <u>Mahdi</u>	Universitas Indonesia	Retuning PI Controller to Improve the Control Performance in CO2 Removal Process, Subang Field	273	17.15-17.30
8	Yoga Wiranoto	Abdul Wahid and <u>Yoga Wiranoto</u>	Universitas Indonesia	Optimization of Control Performance on CO2 Removal in Subang Field Using Model Predictive Control	274	17.30-17.45
9	Fitriani Meizvira	Abdul Wahid, <u>Fitriani Meizvira</u> and Yoga Wiranoto	Universitas Indonesia	Application of Multivariable Model Predictive Control to Overcome the Intervariable Interaction in CO2 Removal Process	277	17.45-18.00
10	Stefan Mardikus	<u>Stefan Mardikus</u> , Dwiseno Wihadi and Huang Han Sheng	Universitas Sanata Dharma, Yogyakarta	Investigation of Flow Characteristic on Ram Pump in Different of Pipe Junction Geometry	51	18.00-18.15

Symposium 2 : Bioenergy
 Date : 06 September 2018
 Time : 15.45 - 18.15
 Room : Shinta
 Session Chair : Dr. Ali H. Jawad

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Ary Budi Mulyono	Muchammad Taufiq Suryantoro, Hari Setiapraja, Siti Yubaidah, Ary Budi Mulyono, Bambang Sugiarto, Mochammad Ilham Attharik, Muhamad Raihan Ariestiawan and Andro Cohen	Universitas Indonesia	Effect of bioadditive essential oil usage in biodiesel fuel mixture (B20) on the growth of deposit in the combustion chamber	102	15.45-16.00
2	Ary Budi Mulyono	<u>Ary Budi Mulyono</u> , Bambang Sugiarto, Muchammad Taufiq Suryantoro, Hari Setiapraja, Siti Yubaidah, Mochammad Ilham Attharik, Muhamad Raihan Ariestiawan and Andro Cohen	Universitas Indonesia	Effect of hydrotreating in biodiesel on the growth of deposits in the combustion chamber as a solution for the deposits reduction in the usage of biodiesel	96	16.00-16.15
3	Iqbal Yamin	<u>Iqbal Yamin</u> , Setia Abikusna, Bambang Sugiarto and Dedi Suntoro	Universitas Indonesia	The use of low grade bio ethanol as fuel mixer in gasoline engine with optimization compact distillator	48	16.15-16.30
4	Erlanda Augupta Pane	<u>Erlanda Pane</u> , Hendri Sukma, Arif Tatak and Ismail Ismail	Universitas Pancasila	The Utilization of Solid Waste Treatment for Charcoal Making and Water Heating by Continuous Incineration	1	16.30-16.45
5	Achmad Alimin	Achmad Alimin and Bambang Heru Susanto	Universitas Indonesia	Optimization of Bioavtur Conversion from Non-Edible Vegetable Oil	134	16.45-17.00
6	Fianna Utomo	Dijan Supramono, <u>Fianna Utomo</u> , Mohammad Nasikin and Setiadi	Universitas Indonesia	Co-pyrolysis of Corn Cobs and Polypropylene for Production of Biofuel Similar to Gasoline	155	17.15-17.30
7	Hizba Ilmi Naf'an	Yuliusman, <u>Hizba Ilmi Naf'an</u> , Nasruddin, Jervis Sinto and Yugo Widhi Nugroho	Universitas Indonesia	Utilization of crown pineapple waste as raw material preparation of activated carbon as adsorbent in natural gas storage	119	17.30-17.45
8	Sutrasno Kartohardjono	Irfan Aditya and <u>Sutrasno Kartohardjono</u>	Universitas Indonesia	Effect of pH of coagulant on the treatment of wastewater from tofu industry	19	17.45-18.00
9	Sutrasno Kartohardjono	Sinta Sofiana Putri and <u>Sutrasno Kartohardjono</u>	Universitas Indonesia	Combination of coagulation-flocculation and ultrafiltration processes using cellulose acetate membrane for tofu industry wastewater treatment	18	18.00-18.15

Symposium 3 : Multifunctional and Advanced Materials
 Date : 06 September 2018
 Time : 15.45 - 18.15
 Room : Arjuna
 Session Chair : Prof. Jeffrey W. Fergus, Ph.D., PE

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Yohana Ruth Margaretha	Anne Zulfia, <u>Yohana Ruth Margaretha</u> , Bambang Priyono and Achmad Subhan	Universitas Indonesia	Synthesis of Li ₄ Ti ₅ O ₁₂ nanorods/nano Si-AC composites as anode material for lithium ion battery	38	15.45-16.00
2	Aisha Betalia	Anne Zulfia, <u>Aisha Betalia</u> , Bambang Priyono and Achmad Subhan	Universitas Indonesia	Synthesis of composite Li ₄ Ti ₅ O ₁₂ nanorods/Sn-AC as anode material for lithium ion battery	39	16.00-16.15
3	A.A.I.A.S. Komaladewi	<u>A.A.I.A.S. Komaladewi</u> , K. Khoiruddin, I.W. Surata, I.D.G.A. Subagia and I.G. Wenten	Udayana University	Recent Advances in Antimicrobial Air Filter	111	16.15-16.30
4	A.A.I.A.S. Komaladewi	<u>A.A.I.A.S. Komaladewi</u> , P.T.P. Aryanti, G. Lugito, I.W. Surata and I.G. Wenten	Udayana University	Recent Progress in Microfiltration Polypropylene Membrane Fabrication by Stretching Method	113	16.30-16.45
5	Muhamad Sahlan	<u>Muhamad Sahlan</u> , Muhammad Saefuddin, Muryanto, Heri Hermansyah and Anondho Wijanarko	Universitas Indonesia	Extraction and Characterization of Yeast Extract Bioethanol Byproduct from Empty Palm Oil Bunch for Raw Material of Cosmetic Products	241	16.45-17.00
6	Nelson Saksono	Fikri Averous, Dwiputra Muhammad Zairin and <u>Nelson Saksono</u>	Universitas Indonesia	Remazol Brilliant Blue Degradation Using Contact Glow Discharge Electrolysis Reactor with Air Injection and NaCl Solution	267	17.00-17.15
7	Muhammad Asyri Nugraha Hidayatullah	<u>Muhammad Asyri Nugraha Hidayatullah</u> and Kamarza Mulia	Universitas Indonesia	Study of microfine cement use on squeeze cementing operations in plug and abandonment work	24	17.15-17.30
8	Danestyhan Arif Pradana	Setiadi, Raka Nugraha Wijaya and <u>Danestyhan Arif Pradana</u>	Universitas Indonesia	Producing Monoaromatic Compounds from Pyrolytic Vapour of Rice Straw Using H-ZSM-5/B ₂ O ₃ Catalys	143	17.30-17.45
9	Larasati Windiani	<u>Larasati Windiani</u> and Hassel Angelyn	Department of Chemical Engineering, Faculty of Engineering, Universitas Indonesia	Optimizing Characteristic of Spirulina-Polyvinyl Alcohol (PVA) Bioplastic through Protein Deformation with Variation of Heating Time and Solvent's pH	250	17.45-18.00
10	Siti Ambar Khalis	Dianursanti Anti and <u>Siti Ambar Khalis</u>	Universitas Indonesia	The Effect of Compatibilizer Addition on Chlorella vulgaris Microalgae Utilization as a Mixture for Bioplastic	269	18.00-18.15

Symposium 4 : Eco Tropical Built Environment
 Date : 06 September 2018
 Time : 15.45 - 18.30
 Room : Rama
 Session Chair : Dr. Mohd Azlan Mohd Ishak

No	Presenter	Authors	Afiliation	Title	Paper Code	Time
1	Indri L. Juwono	<u>Indri Juwono</u> and Dalhar Susanto	Universitas Indonesia	The Reeds Performance Study on Traditional Architecture as Building Material in Wae Rebo Village	65	15.45-16.00
2	Intan Chairunnisa	<u>Intan Chairunnisa</u> and Dalhar Susanto	Universitas Indonesia	Living Material as Building Façade: The Effect of Moss Growth toward Mechanical Performance on Pre-Vegetated Concrete Panel	90	16.00-16.15
3	Intan Chairunnisa	<u>Tria Amalia Ningsih, Dalhar Susanto and Intan Chairunnisa</u>	Universitas Indonesia	Mix concrete: Combining the Composition to Create New Surface of Architectural Building	105	16.15-16.30
4	Andreas Prasetyadi	<u>Andreas Prasetyadi</u> and Atit Koonsrisuk	Universitas Sanata Dharma	Type and quality of energy and water in a tropical hospital	99	16.30-16.45
5	Danianto Hendragiri Tjojudo	<u>Danianto Hendragiri Tjojudo</u> and Sutrasno Kartohardjono	Indonesia Power, Universitas Indonesia	Methane Number Improvement of Gas from LNG Regasification Unit	188	16.45-17.00
6	Elita Nuraeny	<u>Elita Nuraeny</u> , Dalhar Susanto and Kemas Ridwan Kurniawan	Universitas Indonesia	Preliminary Study in Finding Alternative Materials: A Study on Ume Bangka's Traditional Typology and Construction	87	17.00-17.15
7	Adhichahyo Prabowo	<u>Adhichahyo Prabowo</u> and Sutrasno Kartohardjono	Universitas Indonesia	Study of Cryogenic Power Generation Application at LNG Regasification Terminal	183	17.15-17.30
8	Rizal Ibnu Wahid	Engkos Achmad Kosasih, <u>Rizal Ibnu Wahid</u> and Ahmad Alfani Farizi	Universitas Indonesia	Aquadest Production Cycle System as Steam Turbine Bottom Cycle II: Influence of Condenser Pressure and Pinch Point Temperature Difference	166	17.30-17.45
9	I Gusti Ngurah Antaryama	<u>I Gusti Ngurah Antaryama</u> , Sri Nastiti N Ekasiwi, Irvansyah and M Shoful Ulum	Institut Teknologi Sepuluh Nopember	Daylight Performance of Colonial Houses in Surabaya	153	17.45-18.00
10	Ahmad Syuhada	<u>Ahmad Syuhada</u> and Muhammad Ilham Maulana	Syiah Kuala University, Darussalam–Banda Aceh	Absorber Thickness Effect On The Effectiveness Of Solar Collectors to Producing Hot Air For Drying	158	18.00-18.15
11	Muhammad Ilham Maulana	<u>Muhammad Ilham Maulana</u> , Ahmad Syuhada and Fiqih Almas	Syiah Kuala University, Darussalam–Banda Aceh	Computational Fluid Dynamic Predictions on Effects of Screw Number on Performance of Single Blade Archimedes Screw Turbine	156	18.15 - 18.30

