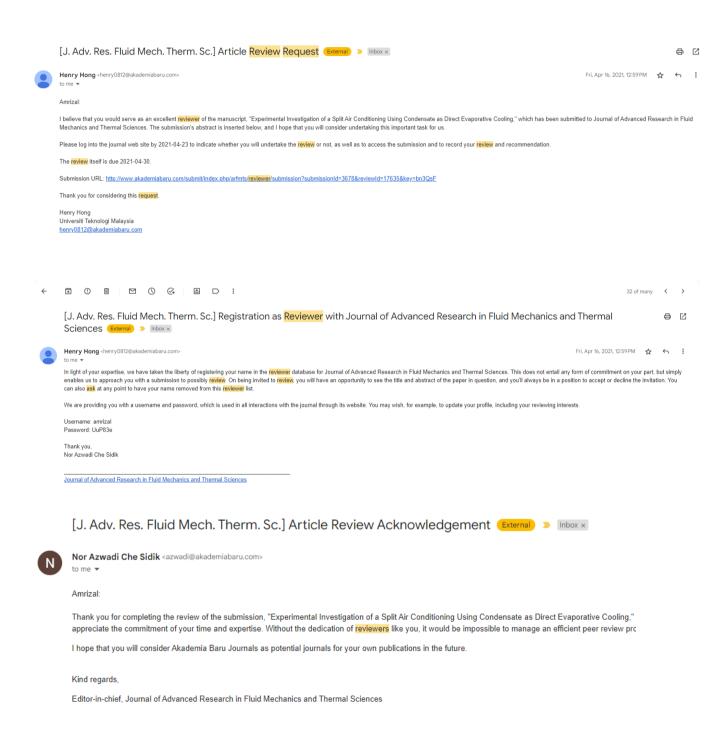
# Sebagai Reviewer Jurnal Internasional Bereputasi: Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, INTERNATIONAL JOURNAL OF AUTOMOTIVE AND MECHANICAL ENGINEERING dan Alexandria Engineering Journal



Yours sincerely,

M.M.Noor

IJAME Editor in Chief

IJAME http://ijame.ump.edu.my

#### Thanks: Reviewer invitation for IJAME1512207 D Inbox x



UMP M.M.Noor <muhamad@ump.edu.my>

to me 🕶

Thanks

The more the better, to improve the paper.

Wassalam

Dr. Muhamad

AMRIZAL mesin <amrizal@eng.unila.ac.id>

to UMP 🕶

Dear Dr. M.M.Noor,

I send you in attachment the document you asked me.

Please find the attached file ( review evaluation form IJAME 1512207).

Regards,

Amrizal Nalis

\*\*\*

One attachment • Scanned by Gmail ①



From: AMRIZAL mesin [mailto:amrizal@eng.unila.ac.id]

Sent: Thursday, October 15, 2015 3:47 PM

To: UMP M.M.Noor

Subject: Re: Reviewer invitation for IJAME1512207

Dear Dr. M.M.Noor,

I am going to give some comments on the attached paper by Oct 30th.

Regards Amrizal

On Fri, Oct 9, 2015 at 6:20 AM, UMP M.M.Noor < <a href="muhamad@ump.edu.my">muhamad@ump.edu.my</a>> wrote: Dear Prof. Dr. Amrizal

Given your expertise in this area, I would appreciate your comments on attached paper. Your critical comment and thorough review will improve the journal quality. Only use Reviewer Evaluation Form to comment. Please reply.

If you accept this invitation, your comments will be due by Oct 30th, 2015.

If you are unable to act as a reviewer at this time, I would greatly appreciate your suggestions for alternative reviewers. Please reply. I look forward to hear from you in the near future.

Yours sincerely,

M.M.Noor
IJAME Editor in Chief
IJAME <a href="http://ijame.ump.edu.my">http://ijame.ump.edu.my</a>

## International Journal of Automotive and Mechanical Engineering (IJAME) ISSN: 2229-8649 (Print), 2180-1606 (Online)

#### IJAME Reviewer Evaluation Form

Paper No.:	IJAME1512207									
Paper Title:	EXPERIMENTAL STUDY OF SPLIT AIR CONDITIONER WITH AND WITHOUT TROMBONE COIL CONDENSER AS AIR CONDITIONING WATER HEATER									
•										
This paper propose as			l paper	Technical Note Review P			er V	Case Study		
We would appreciate a thorough and critical review. Please evaluate the paper based on the following criteria and return this form with your review. Please insert check marks to indicate your opinion of the manuscript.										
			POOR	MARGINAL	ACCE	PTABLE	GOOD		EXCELLENT	
Originality and Significance						V				
Methodology well discussed						v				
Conclusion supported by results of work		d				v				
References						V				
Overall Rating					V					
Please include your detailed comments on the back of this form.										
Is this work technically correct?							,   No			
Are you aware of prior publication of this paper?  V Yes No								s No		
Is the manus	script an	app	propriate length?				V Yes No			

To assist the author in revising the manuscript, please separate your remarks into two clearly identified sections. Use additional sheets and/or attach a marked-up copy of the manuscript if needed.

Changes that must be made before publication:

- The first paragraph (Introduction) on page 1, the authors should include the reference for this statement "the comfortable temperature in tropical zone is 24°C-27°C" and also add the range of relative humidity.
- 2. The last paragraph (Introduction) on page 2 "comparison between ACWH (with coil) and the original of AC (without coil)", was it completely different to this statement "the compressor power, COP, condenser temperature, room temperature were reported in different cooling load from low to high load" as the authors mentioned before ? if not the authors should delete the statement or state more clear that sentence.
- 3. Page 2. As the authors informed in the Experimental Apparatus and Procedure that the water tank have capacity 50 L, was the water continuously circulate from the inlet into outlet of the water tank as seen in Figure 1? If so the authors should clearly state how much the mass flow rate was applied on it since the different value of mass flow rate may affect the performance of the unit test. If not, I think it should be better to delete "the water in" and "the water out" from Figure 1.
- 4. Page 2. I think that the authors should clearly describe in the Experimental Apparatus and Procedure what do they mean by "condenser and coil temperatures" (surface or working fluid temperatures) and how to measure them. These temperatures may not uniform all over the condenser and water tank area because of these equipments as a heat exchanger.
- 5. Page 8. There are informed the condenser and coil temperatures as seen in Figure 9. Did they significantly reflect the performance of the unit test? The authors should clarify why these are important to be discussed associate with the performance of the unit test.
- 6. Page 9. The authors did not specifically explain what they mean by the impact as seen in this statement? "there is no significant impact with the addition of coil .........".
  Give details information!

Reviewer Decision:	Accept as it
	Accept with minor revision V Accept with major revision Not Accepted Others

DR, AMRIZAL NALIS

Mechanical Engineering Department University of Lampung, Indonesia Jln. Prof. Dr. Sumantri B. No. 1 Bandar Lampung, 35145 amrizal@eng.unila.ac.id Template <esubmissionsupport@elsevier.com>

To

amrizals@yahoo.com

05/01/14 at 1:19 AM

Ms. Ref. No.: AEJ-D-14-00100

Title: Two-phase flow pattern, pressure drop and void fraction of air-water flow in a

horizontal distributor

Alexandria Engineering Journal

Dear Dr. Nalis Amrizal,

Given your expertise in this area, I would appreciate your comments on the above paper. I have included the abstract of the manuscript below to provide you with an overview.

If you accept this invitation, your comments will be due by May 14, 2014. If you are unable to act as a reviewer at this time, I would greatly appreciate your suggestions for alternate reviewers.

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Yours sincerely,

Wael Crosby, Ph.D. Associate Editor Alexandria Engineering Journal

#### ABSTRACT:

The basic study of two-phase flow pattern, pressure drop and void fraction in a distributor have been carried out by using air and water as working fluids. The flow pattern was observed experimentally using a high speed video camera and investigated numerically by using commercial software of computational fluid dynamics (CFD). The two-phase pressure drop was obtained by an analytical model and also investigated numerically by the CFD. There are small differences of the flow pattern between experiment and numerical results. On the other hand, there are large discrepancies in flow deviations. In a straight pipe, before the distributor, the flow pattern by experiment and numerical correspond to Mandhane flow pattern map. In general, the modelling exists to predict the two-phase flow pressure drop. There is some pressure drop difference by modelling and numerical. The pressure drop increases proportional to superficial gas velocity along the distributor tubes. The pressure drop

in tube branch is bigger than pressure drop in both inlet and outlets, because of sudden enlargement and contraction. The void fraction decrease with increasing the superficial water velocity and increase with increasing the superficial air velocity.

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To

amrizals@yahoo.com 06/09/14 at 11:10 PM

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Title: Two-phase flow pattern, pressure drop and void fraction of air-water flow in a

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- 9. Enter your comments to the editor (these are not available to the author)
- 10. Click [Proceed]
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Title: Two-phase flow pattern, pressure drop and void fraction of air-water flow in a

horizontal distributor

Alexandria Engineering Journal

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Thank you for taking the time to review the above-referenced manuscript. You can access your comments and the decision letter when it becomes available.

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Yours sincerely,

Wael Crosby, Ph.D. Associate Editor Alexandria Engineering Journal

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#### KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI DIREKTORAT JENDERAL PENDIDIKAN TINGGI, RISET, DAN TEKNOLOGI

Jalan Jenderal Sudirman, Senayan, Jakarta 10270 Telepon (021) 57946104, Pusat Panggilan ULT DIKTI 126 Laman www.dikti.kemdikbud.go.id

Nomor : 0162/E5.4/DT.05.00/2023 6 Maret 2023

Lampiran : 1 (satu) berkas

Hal : Pengumuman Program Penelitian Lanjutan (on going)

Tahun Anggaran 2023

#### Yth.

Kepala Lembaga Layanan Pendidikan Tinggi Wilayah I s.d. XVI

2. Ketua LP/LPM/LPPM Perguruan Tinggi di lingkungan Ditjen Diktiristek

Berkenaan dengan pelaksanaan Program Penelitian lanjutan (on going) Tahun Anggaran 2023, Direktorat Riset, Teknologi, dan Pengabdian kepada Masyarakat (DRTPM), Direktorat Jenderal Pendidikan Tinggi, Riset, dan Teknologi, Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi telah melaksanakan kegiatan penilaian keberlanjutan Penelitian pelaksanaan Tahun Anggaran 2022.

Berdasarkan hasil penilaian keberlanjutan Program Penelitian pelaksanaan Tahun Anggaran 2022, bersama ini kami sampaikan daftar penerima pendanaan Program Penelitian lanjutan yang didanai Tahun Anggaran 2023 sebagaimana tercantum pada Lampiran.

Kami informasikan bahwa penerima pendanaan Program Penelitian lanjutan Tahun Anggaran 2023 telah memenuhi kewajiban sebagai berikut:

- 1. Mengunggah laporan kemajuan sampai dengan tahun 2022;
- 2. Mengunggah laporan akhir sampai dengan tahun 2022;
- 3. Mengunggah laporan keuangan dan catatan harian sampai dengan tahun 2022;
- Melaksanakan evaluasi keberlanjutan secara daring;
- Tidak sedang dalam status tugas belajar baik untuk ketua maupun anggota, kecuali anggota pada skema Penelitian Pascasarjana;

Apabila penerima pendanaan Program Penelitian lanjutan sebagaimana tercantum pada lampiran yang tidak memenuhi salah satu dari kewajiban di atas atau terdapat pelanggaran terhadap ketentuan Panduan Penelitian dan Pengabdian kepada Masyarakat Edisi XIII Revisi, maka pendanaannya dapat ditinjau kembali.

Berkenaan dengan hal tersebut, DRTPM mengucapkan selamat kepada penerima pendanaan Program Penelitian lanjutan Tahun Anggaran 2023. Bagi dosen yang belum mendapatkan pendanaan lanjutan tahun ini dapat mengusulkan proposal baru Program Penelitian dan Pengabdian kepada Masyarakat.

Atas perhatian dan kerjasamanya, kami ucapkan terima kasih.

Direktur Riset, Teknologi, dan Pengabdian kepada Masyarakat,



M. Faiz Syuaib NIP 196708311994021001

#### Tembusan:

Plt. Direktur Jenderal Pendidikan Tinggi. Riset, dan Teknologi



Lampiran Nomor Tanggal

: 0162/E5.4/DT.05.00/2023 : 6 Maret 2023

### DAFTAR PENERIMA PENDANAAN PROGRAM PENELITIAN LANJUTAN YANG DIDANAI TAHUN ANGGARAN 2023

No	Kategori Institusi	Nama Institui	Nama	NIDN	Judul	Skema	Keterangan
1	PTNBH	Institut Pertanian Bogor	Achmad Farajallah	0027046503	Survei Mitogenomik Kepiting Pasir di Bagian Barat Indonesia dan Garis Wallacea	PDUPT	Tahun Ke-2 dari 3 Tahun
2	PTNBH	Institut Pertanian Bogor	Adisti Permatasari Putri Hartoyo	0024129002	APLIKASI BIO-NANOFERTILIZERS DENGAN TEKNOLOGI DRONE SEEDING PADA SISTEM AGROFORESTRI JELUTUNG RAWA (Dyera polyphylla (Miq.) Steenis) DAN PADI (Oryza sativa L.) SEBAGAI UPAYA REHABILITASI LAHAN GAMBUT	PDUPT	Tahun Ke-2 dari 3 Tahun
3	PTNBH	Institut Pertanian Bogor	Agus Buono	0002076607	Pemodelan Deep Learning dalam Pendeteksian Tangis Bayi	PPS-PDD	Tahun Ke-2 dari 2 Tahun
4	PTNBH	Institut Pertanian Bogor	Ahmad Sulaeman	0031036206	PENGEMBANGAN MINUMAN FUNGSIONAL SARIPATI AYAM HERBAL SERTA PONTESINYA UNTUK MENINGKATKAN KEBUGARAN	PPS-PDD	Tahun Ke-2 dari 2 Tahun
5	PTNBH	Institut Pertanian Bogor	Anas Dinurrohman Susila	0027116209	Penetapan Rekomendasi Pemupukan pada Fertigasi Tanaman Cabai melalui Irigasi Tetes menggunakan FERADS (Decision Support System) dalam Pertanian Presisi	PTUPT	Tahun Ke-3 dari 3 Tahun
6	PTNBH	Institut Pertanian Bogor	Anuraga Jayanegara	0002068301	Kajian Nilai Nutrisi, Metabolomik dan Metagenomik Tumbuhan Lokal Terfermentasi Mengandung Komponen Bioaktif Sebagai Pakan Ternak Ruminansia	PPS-PDD	Tahun Ke-2 dari 2 Tahun
7	PTNBH	Institut Pertanian Bogor	Anuraga Jayanegara	0002068301	Modifikasi Rumen Undegradable Starch Asal Bahan Pakan Lokal Berbasis Pengolahan Fisik-Kimia	PPS- PMDSU	Tahun Ke-2 dari 3 Tahun

No	Kategori Institusi Nama Institui		Nama	NIDN	Judul	Skema	Keterangan
					DENGAN POTENSI REAKTIVASI BENCANA GEOLOGI BERBASIS DATA GEODETIK DAN GEOFISIKA		
952	PTN	Universitas Lampung	Akhmad Dakhlan	0010086902	KAJIAN ASOSIASI GENOME DENGAN SIFAT BERNILAI EKONOMI TINGGI UNTUK MENINGKATKAN PRODUKTIVITAS KAMBING SABURAI DENGAN CEPAT	PDKN	Tahun Ke-2 dari 3 Tahun
953	PTN	Universitas Lampung	Amrizal	0002027004	004 Karakterisasi kemampuan kolektor surya PV/T pelat datar dengan penambahan Thermal Electric Generator (TEG) dan sirip		Tahun Ke-3 dari 3 Tahun
954	PTN	Universitas Lampung	Asmiati	0011047601	Analisis Bilangan Kromatik Lokasi pada Sembarang Graf barbel dan Penerapan Algoritmanya	PDKN	Tahun Ke-2 dari 3 Tahun
955	PTN	Universitas Lampung	Buhani	0016046905	PEMANFAATAN CANGKANG BUAH KARET MELALUI PELAPISAN MAGNETIT DAN PROSES SILANISASI SEBAGAI MATERIAL FUNGSIONAL DALAM PENGOLAHAN LIMBAH KIMIA	PT	Tahun Ke-3 dari 3 Tahun
956	PTN	Universitas Lampung	Dedy Hermawan	0020077509	Model Koopetisi Dalam Pariwisata Maritim: Upaya Memperkuat Jejaring dan Trust Pada Destinasi Wisata Kelautan di Daerah	PTUPT	Tahun Ke-2 dari 3 Tahun
957	PTN	Universitas Lampung	Hasan Hariri	0021056708	PENGARUH POLITIK LOKAL TERHADAP KEPEMIMPINAN MULTIFAKTOR, EFIKASI-DIRI, DAN DAMPAK SELANJUTNYA TERHADAP KOMITMEN ORGANISASI KEPALA SEKOLAH	PPS-PDD	Tahun Ke-2 dari 2 Tahun
958	PTN	Universitas Lampung	Ilim	0025056505	Studi Konversi Metil Ester Turunan Minyak Nabati Menjadi Senyawa Nitrogen sebagai Green Corrosion Inhibitor untuk Industri Gas dan Minyak Bumi	PDKN	Tahun Ke-2 dari 3 Tahun
959	PTN	Universitas Lampung	Irma Lusi Nugraheni	0027078002	Pengembangan Model Perubahan Penggunaan Lahan Sebagai Kajian Strategi	PTUPT	Tahun Ke-2 dari 2 Tahun

Total Dana selama tiga tahun penelitian (2021-2023) adalah: Rp. 89.770.000 + Rp. 94.805.000 + Rp. 89.940.000 = **Rp.274.515.000** 

