



UNIVERSITI
TEKNOLOGI
PETRONAS



MASTER RESEARCH AGREEMENT

BETWEEN

UNIVERSITI TEKNOLOGI PETRONAS

AND

UNIVERSITAS ISLAM RIAU

THIS MASTER RESEARCH AGREEMENT is made on the _____ day of
2020 (hereinafter referred to as "**this Agreement**");

BETWEEN INSTITUTE OF TECHNOLOGY PETRONAS SDN. BHD.
(Company No. 199501023672 [352875-U]), a company incorporated in Malaysia
and having its registered address at Tower 1, PETRONAS Twin Towers, Kuala
Lumpur City Centre, 50088 Kuala Lumpur, Malaysia which has been established
to manage **UNIVERSITI TEKNOLOGI PETRONAS** (hereinafter referred to as
"**UTP**"), a private higher learning institution established under the Private Higher
Educational Institutions Act 1996 of the first part;

AND UNIVERSITAS ISLAM RIAU, a university having its address at Jl. Kaharuddin Nst
No. 113, Simpang Tiga, Kec. Bukit Raya, Kota Pekanbaru, Riau 28284, Indonesia
(hereinafter referred to as "**UIR**") of the second part.

UTP and UIR shall hereinafter be referred to collectively as the "Parties" and individually as the
"Party".

WHEREAS

- A. Both Parties have agreed to collaborate to further develop the knowledge and expertise
of both parties in relation to several identified research and development projects
(hereinafter referred to as the "**Projects**") as further detailed out in this Agreement.
- B. Both Parties hereby agree to enter into this Agreement for the purposes of establishing a
framework of the collaboration for defining the principles, philosophy and obligations of
each Party, particularly in respect of the Projects which includes establishing a framework
for each Project.

NOW IT IS HEREBY AGREED AS FOLLOWS:

CLAUSE 1 – DEFINITIONS AND INTERPRETATIONS

1.1 In this Agreement, unless the context otherwise requires: -

"**Agreement**" means this Master Research Agreement, including the recitals, schedules
and addendums which forms an integral part of this agreement and which may be
amended, varied, supplemented or otherwise modified at any time or from time to time
by mutual agreement in writing between the Parties.

"**Background Information**" means all technical data, information (including confidential
information), drawings, designs, operating experience and procedures, techniques,
know-how and other knowledge in any form, including Intellectual Property relating to
technology owned or possessed by each Party at the date of commencement of this
Agreement.

"**Intellectual Property**" means

- (a) Inventions; manner, method or process of manufacture; method or principle of
construction; or design; plan, drawing or design; or scientific, technical or
engineering information or document;

- (b) Improvement, modification or development of any of the foregoing;
- (c) Patent, application for a patent, right to apply for a patent or similar rights for or in respect of any intellectual Property referred to in paragraph (a) or (b);
- (d) Trade secret, know-how, confidential information or right of secrecy or confidentiality in respect of any information or document or other intellectual Property referred to in paragraph (a) or (b);
- (e) Copyright or other rights in the nature of copyright subsisting in any works or other subject matter referred to in paragraph (a) or (b);
- (f) Registered and unregistered trademark, registered design, application for registration of a design, right to apply for registration of a design or similar rights for or in respect of any work referred to in paragraph (a) or (b);
- (g) Any Intellectual Property in addition to the above which falls within the definition of intellectual property rights contained in Article 2 of the World Intellectual Property Organisation Convention of July 1967; and
- (h) Any other rights arising from intellectual activities in the scientific, literary or artistic fields,

Whether vested before or after the date of this Agreement and whether existing in Malaysia or otherwise and for the duration of the rights.

Project(s) means the research and development projects undertaken by the Parties jointly by virtue of this Agreement.

- 1.2 Any word (including a word defined or given a special meaning) denoting the singular shall include the plural and vice versa.
- 1.3 Any word denoting one gender only shall include each other gender.
- 1.4 A reference to a person shall include a corporation as well as a natural person.
- 1.5 A reference to a Schedule is a reference to a Schedule to this Agreement.

CLAUSE 2 – COMMENCEMENT AND TERM

Unless otherwise agreed to in writing by the Parties, the Project shall be conducted over twelve (12) months commencing 01 June 2020 and ending 31 May 2021.

CLAUSE 3 – COLLABORATION

- 3.1 In this collaboration between UTP and UIR, both Parties shall carry out the research and development activities in the form of the Projects as further described in this Agreement.
- 3.2 For the purposes of implementing the Projects, each Party undertakes to provide matching research grants (hereinafter referred to as the "Funding") amounting to a maximum of Ringgit Malaysia Twenty Thousand (RM20,000) per project. The Parties

further agree to establish and record in this Agreement the following twenty four (24) Projects:

Project No.	Title	Principal Researcher (UTP)	Member (UIR)
1	Comparative Study of Outliers by Using Statistical Process Control Tools in 2D Electrical Imaging Modelling.	Assoc. Prof. Dr. Hanita Daud	Dr Evizal Abd Kadir
2	Higher Order Spatial Markov Chain Model to forecast Air Pollution Index	Assoc. Prof. Dr. Mahmud Othman	Dr. Arbi Haza NST Dr Evizal Abd Kadir
3	Statistical Analysis of Correlations Between Blended Waste Organics And Growth Behaviours of Black Soldier Fly Larvae	Dr. Lim Jun Wei	Dr. Elfis
4	One-Pot Solvent-Free Synthesis of Ammonium-Based Ionic Liquids for CO2 Capture	Dr. Normawati Mohamad Yunus	Dr. Mursyidah
5	Adsorption of High Molecular Weight Polyromantic Hydrocarbons Using Molecular Organic Frameworks	Prof. Dr. Bahruddin Saad	Dr. Muslim Abdurrahman
6	Potential Application of Ascorbic Acid Coated Magnetic Nanoparticles for Wettability Alteration and Oil-Water Interfacial Tension Reduction.	Dr. Beh Hoe Guan	Dr. Kurnia Hastuti
7	Mathematical Modeling Of Flood Prediction Using Multispectral Remote Sensing Data	Dr. Hamzah Sakidin	Dr. Evizal Abdul Kadir
8	The Correlation of Central Belt's Basin of Peninsular Malaysia with Riau Archipelago	Encik Muhammad Azfar Mohamed	Dr. Husnul Kausarian
9	Policy Initiatives in Managing Plastic Waste Pollution in Rivers for Sustainable Development	Dr Muhammad Ridhuan Tony Lim Abdullah	Dr. Zetriuslita
10	The Influence of Religious Personality on Inter-Ethnic Tolerance Behaviour Among University Students: A Case Study at the Universiti Teknologi PETRONAS (UTP) Malaysia	Puan Mashitah Sabdin	Dr. Zulkifli

11	Transport, Digitalization and Health: The Interaction of Travel, Activity, the Intensity of Physical and Social Activities, Digitalization, and Built Environment on Health Performance	Dr. Dimas Bayu Endrayana (Dharmowijoyo)	Dr. Anas Puri
12	Classification of Ocular Information from EEG Using Deep Learning.	Assoc. Prof. Dr Nasreen Badruddin	Dr. Arbi Haza Nst

Project No.	Title	Principal Researcher (UIR)	Member (UTP)
1	Type 2 Fuzzy Inference-Based Time Series Model for Prediction Water Pollution Siak River in Riau, Indonesia (Math)	Dr Evizal Abdul Kadir	Assoc. Prof. Dr. Mahmud Othman
2	Macro and Micro Graph Search: Optimization of A* Search Algorithm on Big Data	Dr Arbi Haza NST	Assoc. Prof. Dr. Hanita Daud
3	Utilization of Biodiesel from Natural Resources as Wax Removal in Oil Well	Dr Muslim Abdurrahman	Dr. Lim Jun Wei
4	Synthesis and Characterization of Nanographene for Thermal Application in Oil and Gas Industry	Dr Mursyidah	Dr. Normawati Mohamad Yunus
5	Sensing on The Chemical Content of Water Pollution at Siak River in Riau, Indonesia	Dr. Apri Siswanto Dr. Evizal Abdul Kadir	Prof. Dr. Bahruddin Saad
6	Development of Bioinhibitor For Corrosion Protection	Dr. Kurnia Hastuti	Dr. Ruzaimah Ahmad Kamil
7	Identification and Potential Analysis of Aren Plant (Arenga Pinnatamerr) for Biomass in Provincy of Riau	Dr. Faturrahman Heryanto, M.Si	Assoc. Prof. Dr. Anita Ramli
8	The Effect of Canalization on Peatlands on the Biological Quality of Biological Life of the Tasiks Giam Siak Kecil Bukit Batu Biosphere Reserve Riau Province	Dr. Elfis	Dr. Lim Jun Wei
9	Anthropogenic CO2 Source Potential in Riau Province for CSC Cluster Development	Dr. Adi Novriansyah	Dr. Khairulazhar Jumbri

Project No.	Title	Principal Researcher (UIR)	Member (UTP)
10	Environmental Monitoring and Analysis Using Wireless Sensor Network (WSN) Technology and Impact of COVID-19 for Riau Province, Indonesia	Dr. Abdul Syukur (cand) Dr. Evizal Abdul Kadir	Assoc. Prof. Dr. Hanita Daud
11	Legal Analysis of Smoothness Handover PT. Chevron Pacific Indonesia to PT. Pertamina Indonesia for Riau Area	Prof. Dr. Syafrinaldi Dr. Heni Susanti	Puan Nur Arfah Abdul Sabian
12	Shari'a Management of Endowments (Waqaf) In Riau Province, Indonesia	Dr. Zulkifli Rusby	Dr. M Pisol Mat Isa

- 3.3 The Parties agree that the details of each of the above Projects shall be affected in the form of an Addendum(s) in accordance to the format set out in Schedule A.
- 3.4 The Parties further acknowledge that in the event the Parties mutually agree to implement new Projects under the ambit of this Agreement, the details of such new Projects shall be particularised and affected in the form of an Addendum as stipulated in Schedule A.

CLAUSE 4 – GENERAL RESPONSIBILITIES OF THE PARTIES

In consideration of and subject to the terms of this Agreement and all applicable laws, the Parties shall carry out their respective responsibilities in accordance with the provisions of this Agreement.

- 4.1 The Parties shall conduct and perform the Project(s) under this Agreement with due care, diligence and efficiency and in conformity with sound scientific, management and financial practice in respect of personnel and property of the Parties and in respect of the environment in which the activity is performed.
- 4.2 The Parties shall at all times undertake the Project(s) in such a manner as to always safeguard and protect the Parties' mutual interests and the Parties shall further take all necessary and precautionary steps to prevent abuse or uneconomical use of facilities and equipment, made available by the Parties.
- 4.3 Each Party shall exercise their duties in good faith, transparency and accountability with regards to the conduct of the Project(s) and further undertakes to ensure that the channels of communication between each Party shall remain open to ensure the success of the Project(s).
- 4.4 The Parties recognise that it is impracticable to make provisions in this Agreement for every contingency that may arise in the course of performance and implementation of the Project(s) and accordingly agree that it is their mutual intention that this Agreement shall operate between them with fairness and equity and if in the course of performance and implementation thereof unfairness to a Party is disclosed or foreseen then the Parties shall use their best endeavour to mutually agree upon such action as may be necessary to fairly and equitably remove the cause or causes of the same.

CLAUSE 5 – INTELLECTUAL PROPERTY

- 5.1 For the purpose of the Project(s):
- (a) **Background Intellectual Property Rights**
Background Intellectual Property Rights shall include any Intellectual Property Rights that are made available as between the Parties, and which may include Background Information, which are to be used for the Project(s), subject to discussion and mutual agreement between the Parties. Background Intellectual Property Rights shall remain the separate property of the Party making such Background Intellectual Property Rights available.
 - (b) **Foreground Intellectual Property Rights**
Foreground Intellectual Property Rights shall include any Intellectual Property Rights that arise, or are obtained or developed, created, written, prepared and discovered jointly by the Parties, arising or otherwise brought into existence pursuant to this Agreement.
- 5.2 The ownership of all Foreground Intellectual Property Rights arising out of the Project(s) shall be expressly subject to a Joint Development Agreement to be mutually agreed by the Parties.
- 5.3 The provision of this Clause 5 shall survive the expiry or termination of this Agreement.

CLAUSE 6 – CONFIDENTIALITY

- 6.1 The Parties agree that the Project(s) may involve the disclosure of certain confidential information of the respective Parties. For the purpose of the Project(s), the term “Confidential Information” refers to any and all information including but not limited to data and information pertaining to curricula, courses, syllabi, teaching materials, research activities and technical information made available by a Party (“Disclosing Party”) to the other Party (“Receiving Party”) during the course of the Project (s).
- 6.2 All Confidential Information shall be marked or identified as “CONFIDENTIAL” in writing and in a conspicuous manner at the time it is disclosed to the Receiving Party.
- 6.3 All Confidential Information disclosed to or provided by or on behalf of the Disclosing Party pursuant to this Agreement may not be disclosed, published, used or in any way exploited or permitted to be disclosed, published, used or exploited by the Receiving Party to any third party or re-produced for any purpose other than for the Project(s) without first obtaining the prior written approval of the Disclosing Party.
- 6.4 The obligations under this Clause 6 shall extend to and bind all of the Receiving Party’s officers, directors, employees, advisors, contractors, sub-contractors, consultants, agents or representatives to whom the Confidential Information and/or document or documents in which it is contained is made available except where the Confidential Information is in or has come into the public domain otherwise than by the default or negligence of either Party or is required to be disclosed by any governmental or other authority or regulatory body to such extent only as is necessary for that purposes or as is required by law.

- 6.5 The confidentiality obligations under this Clause 6 shall survive the expiry of this Agreement for a period of two (2) years.

CLAUSE 8 – RELATIONSHIP OF THE PARTIES

Nothing in this Agreement shall be construed as establishing or creating a partnership or a relationship of master and servant between any of the Parties hereto or as constituting any party as an agent or representative of the other Party for any purpose or in any manner whatsoever.

CLAUSE 8 – TERMINATION

- 8.1 If any party commits any of the conditions stated below, then, affected party shall be entitled to terminate this Agreement by serving a notice to that effect:
- 8.1.1 any party becomes insolvent or is unable to pay its debts when due or admits in writing its inability to pay its debts; or
 - 8.1.2 any party enters any arrangement or composition with its creditors generally, or a receiver or manager is appointed; or
 - 8.1.3 any party goes into liquidation or passed a resolution to go into liquidation, otherwise than for the purpose of reconstruction; or
 - 8.1.4 any party fails to comply with any of the obligations under this Agreement.
- 8.2 The notice to terminate in the case of sub-clauses 8.1.1 to 8.1.3 shall not be less than twenty-one (21) days, save for in the case of sub-clause 8.1.4, whereby the notice to terminate shall take effect only after the affected party first giving twenty-one (21) days' notice in writing to the defaulting party to remedy a default, and where such default is not remedied in that period, upon giving not less than further twenty-one (21) days' notice of termination.
- 8.3 Upon termination of this Agreement, shall be without prejudice to the rights of the party terminating to seek and obtain damages for any breach of this Agreement by the other party.

CLAUSE 9 - FORCE MAJEURE

Both Parties shall not be held liable for delays or failures to perform that result from events or circumstances beyond the reasonable control of either Party and in particular, any failure by either to carry out its obligations as set out in Clause 4 above.

CLAUSE 10 – PUBLIC STATEMENT

Both Parties agree that no public statement shall be made on the Project(s), or in relation to any products, processes or inventions developed as a result of the Project(s) unless approved first by both Parties.

CLAUSE 11 – ASSIGNMENT

This Agreement shall not be assigned in whole or in part by either Party without the prior written consent of the other.

CLAUSE 12 – WAIVER

- 12.1 The waiver by a Party in respect of any breach of a term of this Agreement by the other party shall not be deemed to be a waiver in respect of any other term or of any subsequent breach of that term.
- 12.2 The failure of a Party to enforce at any time any term of this Agreement shall in no way be interpreted as a waiver of such term.

CLAUSE 13 – NOTICES

- 13.1 Any notice required to be given pursuant to this Agreement shall be in writing and may be delivered or posted by ordinary mail, postage prepaid, to the Party to which such notice is required to be given under this Agreement at the address set out in **Schedule B**.
- 13.2 The addresses referred to in sub-clause 13.1 may, from time to time, be changed by written notice.
- 13.3 Any notice given under this clause by post shall be deemed to have duly served at the expiration of three (3) clear days (i.e. excluding weekends or public holidays) after the time of such posting and production of any official post office receipt showing the time and date of posting shall be conclusive evidence of the time and date of posting.

CLAUSE 14 – ENTIRE AGREEMENT

The terms of the Agreement between the Parties are those set out in this Agreement and the Schedules and no written or oral agreement or understanding made or entered into prior to the date of this Agreement shall in any way be read or incorporated into this Agreement.

CLAUSE 15 – SUCCESSORS-IN-TITLE

This Agreement shall be binding on the respective heirs, personal representatives, receivers, successors-in-title and assigns of the Parties hereto.

CLAUSE 16 – AMENDMENT/MODIFICATION

Any provision of this Agreement may be amended or modified by mutual consent between the Parties and such amendment/modification shall be in writing and signed by the duly authorised representative of the Parties.

CLAUSE 17 – DISPUTE RESOLUTION AND GOVERNING LAW

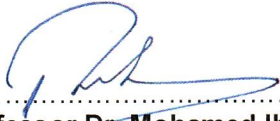
- 17.1 The Parties shall use their best efforts to promptly and adequately resolve any dispute or difference which may arise between them with respect to the Agreement through amicable consultation, conciliation or other means mutually agreed by the Parties.

17.2 This Agreement shall be governed by the laws of Malaysia and the parties hereto agree to submit to the exclusive jurisdiction of the Malaysian courts.

{End of Clauses}

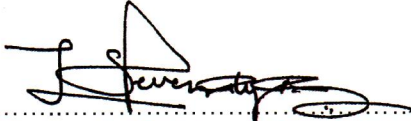
IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be signed in their respective names as of the day and year first above written.

Signed by and on behalf of:
INSTITUTE OF TECHNOLOGY PETRONAS SDN. BHD.



.....
Professor Dr. Mohamed Ibrahim Abdul Mutalib
Vice Chancellor and CEO

In the presence of:




.....
Professor Ir. Dr. Mohd. Shahir Liew
Deputy Vice Chancellor Research and Innovation

Signed by and on behalf of:
UNIVERSITAS ISLAM RIAU



.....
Prof. Dr. Syafrinaldi, SH, MCL
Rector

In the presence of:



.....
Dr. Evizal Abdul Kadir
Director of Research Institute and Community Services



LETTER OF STATEMENT

According to the Memorandum of Agreement between **Universitas Islam Riau (UIR)** and **Universiti Teknologi PETRONAS (UTP)**, both universities agree to provide funding for this international collaborative research fund (ICRF). Based on teleconference discussion between UIR and UTP coordinator, both universities have agreed with the following statements:

1. The funding amount for UP-UTP international collaborative research fund 2020 is RM40,000/team
2. Five couple of teams have been successfully chosen.
3. The selected winner of UIR-UTP international collaborative research fund 2020 are:

No.	Team	Project Title	Project Leader
1	UIR	Type 2 Fuzzy Inference-Based Time Series Model for prediction water pollution Siak River in Riau, Indonesia	Dr. Evizal Abdul Kadir
	UTP	Higher Order Spatial Markov Chain Model to forecast Air Pollution Index	Assoc. Prof. Dr. Mahmud Othman
2	UIR	Macro and Micro Graph Search: Optimization of A* Search Algorithm on Big Data	Dr. Arbi Haza Nst
	UTP	Comparative Study of Outliers by Using Statistical Process Control Tools in 2D Electrical Imaging Modelling	Assoc. Prof. Dr. Hanita Daud
3	UIR	Utilization of Biodiesel from natural resources as Wax Removal in Oil Well	Dr. Eng, Muslim Abdurrahman
	UTP	Adsorption of high molecular weight polyromantic hydrocarbons using molecular organic frameworks	Prof. Dr. Bahruddin Saad
4	UIR	Synthesis and Characterization of Nanographene for Thermal Application in Oil and Gas Industry	Dr. Mursyidah
	UTP	One-pot solvent-free synthesis of ammonium-based ionic liquids for CO ₂ capture	Dr. Normawati
5	UIR	Sensing on the chemical content of water pollution at Siak River in Riau, Indonesia	Dr. Apri Siswanto/ Dr. Evizal Abdul Kadir
	UTP	Statistical analysis of correlations between blended waste organics and growth behaviors of black soldier fly larvae	Dr. Lim Jun Wei

4. The UIR-UTP international collaborative research fund 2020 will be officially started on March 1, 2020.

Universitas Islam Riau

Dr. Evizal Abdul Kadir
Director
Research Institute and Community Services

Universiti Teknologi PETRONAS

Assoc. Prof. Dr. Abdul Rahim bin Othman
Director,
Research Management Centre
Universiti Teknologi PETRONAS

MEMORANDUM OF AGREEMENT

between

**UNIVERSITAS ISLAM RIAU
Pekanbaru, Indonesia**

and

**UNIVERSITI TEKNOLOGI PETRONAS
Perak, Malaysia**

This Agreement is a general enabling document for cooperation between the Universitas Islam Riau, Indonesia (hereafter referred to as UIR) and Institute of Technology PETRONAS Sdn. Bhd., which owns and manages Universiti Teknologi PETRONAS, Malaysia (hereafter referred to as UTP).

PART I: SCOPE OF THE COOPERATION

The purpose of this Agreement is to promote international understanding, scholarly collaboration, cultural interaction and friendship by supporting educational, professional and cultural activities among faculty and students of the Parties. Accordingly, the areas of cooperation will include, subject to mutual consent, any program offered at either Party as felt desirable and feasible on either Party and that both Parties desire to contribute to the fostering and development of the cooperative relationship between the Parties.

PART II: AREAS OF COOPERATION

Specific areas of cooperation between the Parties, subject to the availability of funds and the approval of UIR and UTP, include, but are not limited to, the following:

- (a) Matching grant between UIR and UTP
- (b) Postgraduate Studies
- (c) University Social Responsibility
- (d) Short courses
- (e) Student Internship/Student Exchange
- (f) Seminar and conference

The terms of such mutual assistance and necessary budget for each specific programme and activity that is implemented under the terms of this Agreement shall be mutually discussed and agreed upon in writing by both Parties prior to the initiation of the particular programme or activity and the terms of such programme and activity shall be negotiated on an annual basis. Each Party will designate a liaison officer to develop and coordinate specific activities or programmes.

PART III: MATCHING GRANT

The theme for the matching grant between the Parties shall be "Towards Sustainable Environment". Under this matching grant, UIR agrees to fund ten (10) research projects undertaken by UTP. Similarly, UTP shall fund ten (10) research projects undertaken by UIR. USD 6000 shall be allocated to each research project approved under this Agreement and both Parties agree to collaborate in that research projects.

Each of the research project shall produce two (2) research papers to be published in Q1 or Q2 journals. Outcomes expected from this matching grant are twenty (20) research projects and forty (40) Q1 or Q2 research papers.

For the purpose of streamlining the process for matching grant, a steering committee shall be established comprising of representatives of both Parties.

PART IV: POSTGRADUATE STUDIES

UTP shall invite applications from faculty members, master students and final year students of UIR for master or doctoral program at UTP, respectively. The applicants must satisfy and submit, as the case may be, the following:

- (a) Satisfy language proficiency and all other requirements for admission to UTP as determined by UTP regulations unless exceptions are noted and added to this Agreement in an Appendix.
- (b) Submit a letter of recommendation from the Rector of UIR.

Each eligible applicant shall be provided with financial assistance under UTP Graduate Assistantship Scheme. The recipient of the financial assistance shall be required to comply with the terms and conditions of the scheme.

PART V: UNIVERSITY SOCIAL RESPONSIBILITY

As an expression of support for University Social Responsibility (USR), both Parties shall send their students to participate in any USR programs as agreed by both Parties.

PART VI: SHORT COURSES

Each Party agrees to offer short courses upon request. The topic of the short courses shall be determined by both Parties. The host institution shall have the right to determine the amount of fees to be charged to the participants. The host institution shall invite the speaker from the other Party and pay the honorarium, transportation and lodging accordingly.

PART VII: STUDENT INTERNSHIP/STUDENT EXCHANGE

Undergraduate students from each Party may apply to the other Party for the purpose of pursuing an approved course of instruction extending over one semester or one academic year. It is understood that each Party will nominate for the exchange, students of high scholarship, maturity and promise.

The Host Institution will reserve the right of making final judgements on the admissibility of each student nominated for exchange.

- (a) UIR will send up to two (2) exchange students to UTP each year and UTP will send up to two (2) exchange students to UIR beginning with the 2018/2019 academic year unless this number is changed by mutual consent of the two Parties. The liaison officers of the Parties will review the programme annually to determine any imbalance in the number of exchange students and adjust the number of students for the following year if necessary, to maintain a reasonable balance in the exchange.
- (b) Exchange students must satisfy language proficiency and all other requirements for admission to the Host Institution as determined by the regulations of the Host Institution unless exceptions are noted and added to this Agreement in an Appendix. Formal evidence of English proficiency is generally required of applicants who are not native English speakers. A Test of English as a Foreign Language (TOEFL) score of 450 (Paper-Based Test) is generally required for undergraduate students.
- (c) Exchange students will pay full tuition at their Home Institution as if they were in full time attendance at the Home Institution. No tuition payment will be required from the exchange students at the Host Institution.
- (d) Exchange students will be responsible for all other expenses including:
 - i. Transportation to and from the Host Institution
 - ii. Room and board expenses
 - iii. Medical insurance; health service fees, if any
 - iv. Textbooks, clothing and personal expenses
 - v. Passport, cost of residence permit, and tourism tax, if any
- (e) The exchange students must agree to abide by all the rules and regulations of the Host Institution.
- (f) Any academic credit earned at the Host Institution may be transferred to the Home Institution in accordance with the procedures determined by the latter. Each Party agrees to provide the Home Institution an official academic report for all exchange students at the end of their exchange programme. The Host Institution also agrees to furnish exchange student with official transcript of credit at the student's request.
- (g) The Host Institution agrees to provide appropriate counselling and other assistance to the exchange students, including assistance in finding adequate on-campus or off-campus housing.

PART VIII: SEMINAR AND CONFERENCE

Both Parties agree to collaborate in conducting seminar and conference. Each faculty member from both Parties will be encouraged to participate in this seminar and conference as committee members, editorial board or presenter. This program aims to increase the opportunity to present their research outcomes and establish their network abroad.

PART III: RENEWAL, TERMINATION AND AMENDMENT

This Agreement shall remain in force for a period of three (3) years from the date of the last signature, with the understanding that it may be terminated by either party giving notice to the other party in writing no later than the end of May in any year. The Agreement may be extended by mutual consent of the Parties.

This Agreement may be amended by written notice. Such amendments, once formally approved by both Parties, will become part of this Memorandum of Agreement.

In witness whereof, the Parties hereto have offered their signatures:

for: Universitas Islam Riau

for: Institute of Technology PETRONAS
Sdn/Bhd.

A blue ink signature is written over a circular official stamp of Universitas Islam Riau. The stamp contains the text 'UNIVERSITAS ISLAM RIAU' and 'REKTOR'. The signature is written in a cursive style across the top and right side of the stamp.
Prof. Dr. Syafrinaldi, SH, MCL

Rector

Date:

31 JUL 2018

A blue ink signature is written over a horizontal line. The signature is in a cursive style.
Prof. Dr. Mohamed Ibrahim Abdul Mutalib

Vice Chancellor and CEO

Date:

- 8 AUG 2018



UNIVERSITI
TEKNOLOGI
PETRONAS

Date : April 24th 2019

Dr Evizal Abdul Kadir
Department of Informatics Engineering,
Universitas Islam Riau

Dear Sir,

APPOINTMENT AS A MEMBER FOR UTP – UIR MATCHING GRANT PROJECT

The above mention subject is kindly referred. We are pleased to inform that you have been appointed as a member of the research project with the details are as below:

Project title	Extraction of Triclosan (Banned Antimicrobial Agent) in Wastewater Using Electrospun Nanofibres
Project Leader	Prof Dr Bahruddin Saad
Project duration	1 September 2018 – 31 August 2019
Funding source	UTP-UIR Matching Grant Project
Total amount of funding	USD 6,000.00

With this appointment, I would like to thanks your kind cooperation and look forward your contributions to the success of this project.

Thank you,

Yours sincerely,

Assoc. Prof. Dr. Hanita bt Daud
Chair of Fundamental & Applied Sciences Department
Universiti Teknologi PETRONAS

UNIVERSITI TEKNOLOGI PETRONAS

INSTITUTE OF TECHNOLOGY PETRONAS SDN. BHD.
(Company No: 352875U) Wholly-owned subsidiary of PETRONAS

Main Campus : 32610 Seri Iskandar, Perak Darul Ridzuan, Malaysia. Tel : 605-368 8000 Fax : 605-365 4075
Branch Office : Advanced Technology And Innovation Centre (ATIC), L5-1-2, Enterprise 4, Technology Park Malaysia (TPM),
Lebuhraya Puchong - Sg. Besi, Bukit Jalil, 57000 Kuala Lumpur, Malaysia. Tel : 603-8994 1192 Fax : 603-8994 1193

www.utp.edu.my



UNIVERSITI
TEKNOLOGI
PETRONAS

Date : April 24th 2019

1. Dr Evizal Abdul Kadir

Department of Informatics Engineering,
Universitas Islam Riau

2. AP. Dr Sri Rezeki

Department of Mathematics Education,
Universitas Islam Riau

3. Sari Herlina, M.Pd

Department of Mathematics Education,
Universitas Islam Riau

Dear Sir,

APPOINTMENT AS A MEMBER FOR UTP – UIR MATCHING GRANT PROJECT

The above mention subject is kindly referred. We are pleased to inform that you have been appointed as a member of the research project with the details are as below:

Project title	Assessment Of Water Quality Index Using Fuzzy Multivariate Regression Analysis At Perak River, Malaysia.
Project Leader	Dr Samsul Ariffin Abdul Kadir
Project duration	1 September 2018 – 31 August 2019
Funding source	UTP-UIR Matching Grant Project
Total amount of funding	USD 6,000.00

With this appointment, I would like to thanks your kind cooperation and look forward your contributions to the success of this project.

Thank you,

Yours sincerely,

Assoc. Prof. Dr. Hanita bt Daud
Chair of Fundamental & Applied Sciences Department
Universiti Teknologi PETRONAS

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Lebuhraya Puchong - Sg. Besi, Bukit Jalil, 57000 Kuala Lumpur, Malaysia. Tel : 603-8994 1192 Fax : 603-8994 1193

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UNIVERSITI
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PETRONAS

Date : April 24th 2019

Dr Evizal Abdul Kadir
Department of Informatics Engineering
Universitas Islam Riau

Dear Sir,

APPOINTMENT AS A MEMBER FOR UTP – UIR MATCHING GRANT PROJECT

The above mention subject is kindly referred. We are pleased to inform that you have been appointed as a member of the research project with the details are as below:

Project title	Spatial Markov Chain for Modeling the Air Pollution Index in Malaysia
Project Leader	AP Dr Ts Mahmud Othman
Project duration	1 September 2018 – 31 August 2019
Funding source	UTP-UIR Matching Grant Project
Total amount of funding	USD 6,000.00

With this appointment, I would like to thanks your kind cooperation and look forward your contributions to the success of this project.

Thank you,

Yours sincerely,

Assoc. Prof. Dr. Hanita bt Daud
Chair of Fundamental & Applied Sciences Department
Universiti Teknologi PETRONAS

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Telp. +62 761 72126 Fax. +62 761 674834 Email: lppm@uir.ac.id Website: www.lppm.uir.ac.id



KONTRAK PENELITIAN BERSAMA UIR- UTP TAHUN 2020 NOMOR: 04/KONTRAK/LPPM-UIR-9-2020



Pada hari ini Kamis tanggal 10 bulan September tahun Dua Ribu Dua Puluh, kami yang bertandatangan dibawah ini :

1. **Dr. Evizal Abdul Kadir, S.T., M.Eng** : Ketua Lembaga Penelitian, Universitas Islam Riau, dalam hal ini bertindak untuk dan atas nama Universitas Islam Riau, yang berkedudukan di Jl. Kaharuddin Nasution No. 113 P. Marpoyan, Pekanbaru, untuk selanjutnya disebut **PIHAK PERTAMA**.
2. **Dr. Evizal Abdul Kadir, S.T., M.Eng** : Dosen Fakultas Teknik Universitas Islam Riau, dalam hal ini bertindak sebagai pengusul dan Ketua Pelaksana Penelitian Tahun 2020/2021 untuk selanjutnya disebut **PIHAK KEDUA**.

PIHAK PERTAMA dan **PIHAK KEDUA**, secara bersama-sama sepakat mengikatkan diri dalam suatu Kontrak Penelitian Kerjasama Tahun 2020 dengan ketentuan dan syarat-syarat sebagai berikut:

Pasal 1

Ruang Lingkup Kontrak

PIHAK PERTAMA memberi pekerjaan kepada **PIHAK KEDUA** dan **PIHAK KEDUA** menerima pekerjaan tersebut dari **PIHAK PERTAMA**, untuk melaksanakan dan menyelesaikan Penelitian bersama UIR-UTP Tahun Anggaran 2020/2021 dengan judul "**Type 2 Fuzzy Inference-Based Time Series Model for Prediction Water Pollution Siak River in Riau, Indonesia (Math)**".

Pasal 2

Dana Penelitian

- (1) Besarnya dana untuk melaksanakan penelitian dengan judul sebagaimana dimaksud pada Pasal 1 adalah sebesar **MYR 40.000,- (empat puluh ribu ringgit malaysia)** sudah termasuk pajak.

Pasal 3

Tata Cara Pembayaran Dana Penelitian

- (1) **PIHAK PERTAMA** akan membayarkan Dana Penelitian kepada **PIHAK KEDUA** secara bertahap dengan ketentuan sebagai berikut:
 - a. Pembayaran Tahap Pertama sebesar 70% dari total dana penelitian yaitu $70\% \times \text{MYR } 40.000 = \text{MYR. } 28.000$ (dua puluh delapan ribu ringgit malaysia) yang akan dibayarkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** setelah **PARA PIHAK** membuat dan melengkapi usulan pelaksanaan penelitian yang memuat judul penelitian, halaman pengesahan, ringkasan, pendekatan dan metode penelitian yang digunakan, data yang akan diperoleh, anggaran yang akan digunakan, dan tujuan penelitian berupa luaran yang akan dicapai (sesuai pedoman sistematika dan muatan proposal penelitian). Selanjutnya **PIHAK KEDUA** mengunggah usulan penelitian yang telah diseminarkan .
 - b. Pembayaran Tahap Kedua sebesar 30% dari total dana penelitian yaitu $30\% \times \text{MYR } 40.000 = \text{MYR. } 12.000$ (dua belas ribu ringgit malaysia), dibayarkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** setelah **PIHAK KEDUA** melaporkan Laporan Akhir Pelaksanaan Penelitian dan menyerahkan hard copy sebanyak dua rangkap untuk arsip LPPM dan Pihak UTP.

- (2) Dana Penelitian sebagaimana dimaksud pada ayat (1) akan disalurkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** ke rekening sebagai berikut:

Nama : **Dr. Evizal Abdul Kadir, S.T., M.Eng**
Nomor Rekening :
Nama Bank :

- (2) **PIHAK PERTAMA** tidak bertanggung jawab atas keterlambatan dan/atau tidak terbayarnya sejumlah dana sebagaimana dimaksud pada ayat (1) yang disebabkan karena kesalahan **PIHAK KEDUA** dalam menyampaikan data peneliti, dan persyaratan lainnya yang tidak sesuai dengan ketentuan.

Pasal 4 Jangka Waktu

Jangka waktu pelaksanaan penelitian sebagaimana dimaksud dalam Pasal 1 sampai selesai 100%, adalah terhitung sejak **Tanggal 01 September 2020** dan berakhir pada **Tanggal 31 Desember 2021**.

Pasal 5 Target Luaran

- (1) **PIHAK KEDUA** berkewajiban untuk mencapai target luaran wajib penelitian berupa artikel dimuat di jurnal Internasional Bereputasi (Q1/Q2).
- (2) **PIHAK KEDUA** diharapkan dapat mencapai target luaran tambahan penelitian berupa jurnal seminar Internasional.
- (3) **PIHAK KEDUA** berkewajiban untuk melaporkan perkembangan pencapaian target luaran sebagaimana dimaksud pada ayat (1) kepada **PIHAK PERTAMA**.

Pasal 6 Hak dan Kewajiban Para Pihak

- (1) Hak dan Kewajiban **PIHAK PERTAMA**:
 - a. **PIHAK PERTAMA** berhak untuk mendapatkan dari **PIHAK KEDUA** luaran penelitian sebagaimana dimaksud dalam Pasal 7;
 - b. **PIHAK PERTAMA** berkewajiban untuk memberikan dana penelitian kepada **PIHAK KEDUA** dengan jumlah sebagaimana dimaksud dalam Pasal 2 ayat (1) dan dengan tata cara pembayaran sebagaimana dimaksud dalam Pasal 3.
- (2) Hak dan Kewajiban **PIHAK KEDUA**:
 - a. **PIHAK KEDUA** berhak menerima dana penelitian dari **PIHAK PERTAMA** dengan jumlah sebagaimana dimaksud dalam Pasal 2 ayat (1);
 - b. **PIHAK KEDUA** berkewajiban menyerahkan kepada **PIHAK PERTAMA** luaran Penelitian dengan judul **"Type 2 Fuzzy Inference-Based Time Series Model for Prediction Water Pollution Siak River in Riau, Indonesia (Math)"** **PIHAK KEDUA** berkewajiban untuk bertanggungjawab dalam penggunaan dana penelitian yang diterimanya sesuai dengan proposal kegiatan yang telah disetujui;

Pasal 7 Laporan Pelaksanaan Penelitian

- (1) **PIHAK KEDUA** berkewajiban untuk menyampaikan kepada **PIHAK PERTAMA** berupa laporan akhir mengenai luaran penelitian dan rekapitulasi penggunaan anggaran sesuai dengan jumlah dana yang diberikan oleh **PIHAK PERTAMA** yang tersusun secara sistematis sesuai pedoman yang ditentukan oleh **PIHAK PERTAMA**.
- (2) **PIHAK KEDUA** berkewajiban melaporkan Laporan hasil penelitian yang telah dilaksanakan untuk di presentasikan paling lambat **10 Desember 2021**.

- (3) **PIHAK KEDUA** berkewajiban menyerahkan *Hardcopy* Laporan akhir capaian hasil, /Poster/ artikel ilmiah **PIHAK PERTAMA**, paling lambat **31 Desember 2021**.
- (4) Laporan hasil Penelitian sebagaimana tersebut pada ayat (4) harus memenuhi ketentuan sebagai berikut:
 - a. Bentuk/ukuran kertas A4;
 - b. Di bawah bagian cover ditulis:

Dibiayai oleh:
Dana Penelitian Bersama UIR - UTP
Sesuai dengan Kontrak Penelitian Kerjasama
Nomor: 04/KONTRAK/LPPM-UIR/9-2021

Pasal 8 Monitoring dan Evaluasi

PIHAK PERTAMA dalam rangka pengawasan akan melakukan Monitoring dan Evaluasi terhadap kemajuan pelaksanaan Penelitian Tahun Anggaran 2020/2021 ini dilaksanakan pada bulan 31 Juli tahun 2021.

Pasal 9 Sanksi

- (1) Apabila sampai dengan batas waktu yang telah ditetapkan untuk melaksanakan Penelitian ini telah berakhir, namun **PIHAK KEDUA** belum menyelesaikan tugasnya, terlambat mengirim laporan akhir, maka **PIHAK KEDUA** dikenakan sanksi administratif berupa penghentian pembayaran dan tidak dapat mengajukan proposal penelitian dalam kurun waktu satu tahun berturut-turut.
- (2) Apabila **PIHAK KEDUA** tidak dapat mencapai target luaran sebagaimana dimaksud dalam Pasal 5, maka kekurangan capaian target luaran tersebut akan dicatat sebagai hutang **PIHAK KEDUA** kepada **PIHAK PERTAMA** yang apabila tidak dapat dilunasi oleh **PIHAK KEDUA**, akan berdampak pada kesempatan **PIHAK KEDUA** untuk mendapatkan pendanaan penelitian atau hibah lainnya yang dikelola oleh **PIHAK PERTAMA**.

Pasal 10 Pembatalan Perjanjian

- (1) Apabila dikemudian hari terhadap judul Penelitian sebagaimana dimaksud dalam Pasal 1 ditemukan adanya duplikasi dengan Penelitian lain dan/atau ditemukan adanya ketidakjujuran, itikad tidak baik, dan/atau perbuatan yang tidak sesuai dengan kaidah ilmiah dari atau dilakukan oleh **PIHAK KEDUA**, maka perjanjian Penelitian ini dinyatakan batal dan **PIHAK KEDUA** wajib mengembalikan dana penelitian yang telah diterima kepada **PIHAK PERTAMA** yang selanjutnya akan dikembalikan ke panitia pemilihan bersama UIR-UTP.
- (2) Bukti setor sebagaimana dimaksud pada ayat (1) disimpan oleh **PIHAK PERTAMA**.

Pasal 11 Penyelesaian Sengketa

Apabila terjadi perselisihan antara **PIHAK PERTAMA** dan **PIHAK KEDUA** dalam pelaksanaan perjanjian ini akan dilakukan penyelesaian secara musyawarah dan mufakat, dan apabila tidak tercapai penyelesaian secara musyawarah dan mufakat maka penyelesaian dilakukan melalui proses hukum.

Pasal 12

Lain-lain

- (1) **PIHAK KEDUA** menjamin bahwa penelitian dengan judul tersebut di atas belum pernah dibiayai dan/atau diikutsertakan pada Pendanaan Penelitian lainnya, baik yang diselenggarakan oleh instansi, lembaga, perusahaan atau yayasan, baik di dalam maupun di luar negeri.
- (2) Segala sesuatu yang belum cukup diatur dalam Perjanjian ini dan dipandang perlu diatur lebih lanjut dan dilakukan perubahan oleh **PARA PIHAK**, maka perubahan-perubahannya akan diatur dalam perjanjian tambahan atau perubahan yang merupakan satu kesatuan dan bagian yang tidak terpisahkan dari Perjanjian ini.

Demikianlah surat perjanjian ini dibuat pada hari ini, tanggal, bulan dan tahun seperti tersebut diatas dan dibuat dalam rangkap 2 (dua) rangkap sebagai kekuatan dan untuk dipergunakan sebagaimana semestinya.



PIHAK PERTAMA

Dr. Evizal Abdul Kadir, S.T., M.Eng
NIDN: 1029027601

PIHAK KEDUA

Dr. Evizal Abdul Kadir, S.T., M.Eng
NIDN: 1029027601



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KONTRAK PENELITIAN BERSAMA UIR- UTP TAHUN 2018 NOMOR: 470 /KONTRAK/LPPM-UIR-9-2018



Pada hari ini Senin tanggal 10 bulan September tahun Dua Ribu Delapan Belas, kami yang bertandatangan dibawah ini :

- 1. Dr. Evizal Abdul Kadir, S.T., M.Eng** : Ketua Lembaga Penelitian, Universitas Islam Riau, dalam hal ini bertindak untuk dan atas nama Universitas Islam Riau, yang berkedudukan di Jl. Kaharuddin Nasution No. 113 P. Marpoyan, Pekanbaru, untuk selanjutnya disebut **PIHAK PERTAMA**.
- 2. Dr. Evizal Abdul Kadir, S.T., M.Eng** : Dosen Fakultas Teknik Universitas Islam Riau, dalam hal ini bertindak sebagai pengusul dan Ketua Pelaksana Penelitian Tahun 2018 untuk selanjutnya disebut **PIHAK KEDUA**.

PIHAK PERTAMA dan **PIHAK KEDUA**, secara bersama-sama sepakat mengikatkan diri dalam suatu Kontrak Penelitian Kerjasama Tahun 2018 dengan ketentuan dan syarat-syarat sebagai berikut:

Pasal 1 **Ruang Lingkup Kontrak**

PIHAK PERTAMA memberi pekerjaan kepada **PIHAK KEDUA** dan **PIHAK KEDUA** menerima pekerjaan tersebut dari **PIHAK PERTAMA**, untuk melaksanakan dan menyelesaikan Penelitian bersama UIR-UTP Tahun Anggaran 2018/2019 dengan judul "**Smart Monitoring System for Land and Forest Fires in Riau Province Indonesia using LoRa-IoT Technology**".

Pasal 2 **Dana Penelitian**

- (1) Besarnya dana untuk melaksanakan penelitian dengan judul sebagaimana dimaksud pada Pasal 1 adalah sebesar **USD. 6.000,- (Enam Ribu dollar Amerika)** sudah termasuk pajak.

Pasal 3 **Tata Cara Pembayaran Dana Penelitian**

- (1) **PIHAK PERTAMA** akan membayarkan Dana Penelitian kepada **PIHAK KEDUA** secara bertahap dengan ketentuan sebagai berikut:
 - a. Pembayaran Tahap Pertama sebesar 70% dari total dana penelitian yaitu $70\% \times \text{USD } 6.000 = \text{USD. } 4.200$ (**Empat Ribu Dua Ratus Dollar Amerika**) yang akan dibayarkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** setelah **PARA PIHAK** membuat dan melengkapi usulan pelaksanaan penelitian yang memuat judul penelitian, halaman pengesahan, ringkasan, pendekatan dan metode penelitian yang digunakan, data yang akan diperoleh, anggaran yang akan digunakan, dan tujuan penelitian berupa luaran yang akan dicapai (sesuai pedoman sistematika dan muatan proposal penelitian). Selanjutnya **PIHAK KEDUA** mengunggah usulan penelitian yang telah diseminarkan .
 - b. Pembayaran Tahap Kedua sebesar 30% dari total dana penelitian yaitu $30\% \times \text{USD } 6.000 = \text{USD. } 1.800$ (**Seribu Delapan Ratus Dollar Amerika**), dibayarkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** setelah **PIHAK KEDUA** melaporkan Laporan Akhir Pelaksanaan Penelitian dan menyerahkan hard copy sebanyak dua rangkap untuk arsip LPPM dan Pihak UTP.



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- (2) Dana Penelitian sebagaimana dimaksud pada ayat (1) akan disalurkan oleh **PIHAK PERTAMA** kepada **PIHAK KEDUA** ke rekening sebagai berikut:

Nama : **Dr. Evizal Abdul Kadir, S.T., M.Eng**
Nomor Rekening :
Nama Bank :

- (2) **PIHAK PERTAMA** tidak bertanggung jawab atas keterlambatan dan/atau tidak terbayarnya sejumlah dana sebagaimana dimaksud pada ayat (1) yang disebabkan karena kesalahan **PIHAK KEDUA** dalam menyampaikan data peneliti, dan persyaratan lainnya yang tidak sesuai dengan ketentuan.

Pasal 4 **Jangka Waktu**

Jangka waktu pelaksanaan penelitian sebagaimana dimaksud dalam Pasal 1 sampai selesai 100%, adalah terhitung sejak **Tanggal 01 September 2018** dan berakhir pada **Tanggal 31 Agustus 2019**.

Pasal 5 **Target Luaran**

- (1) **PIHAK KEDUA** berkewajiban untuk mencapai target luaran wajib penelitian berupa artikel dimuat di jurnal Internasional Bereputasi (Q1/Q2).
- (2) **PIHAK KEDUA** diharapkan dapat mencapai target luaran tambahan penelitian berupa jurnal seminar Internasional.
- (3) **PIHAK KEDUA** berkewajiban untuk melaporkan perkembangan pencapaian target luaran sebagaimana dimaksud pada ayat (1) kepada **PIHAK PERTAMA**.

Pasal 6 **Hak dan Kewajiban Para Pihak**

- (1) Hak dan Kewajiban **PIHAK PERTAMA**:

- a. **PIHAK PERTAMA** berhak untuk mendapatkan dari **PIHAK KEDUA** luaran penelitian sebagaimana dimaksud dalam Pasal 7;
- b. **PIHAK PERTAMA** berkewajiban untuk memberikan dana penelitian kepada **PIHAK KEDUA** dengan jumlah sebagaimana dimaksud dalam Pasal 2 ayat (1) dan dengan tata cara pembayaran sebagaimana dimaksud dalam Pasal 3.

- (2) Hak dan Kewajiban **PIHAK KEDUA**:

- a. **PIHAK KEDUA** berhak menerima dana penelitian dari **PIHAK PERTAMA** dengan jumlah sebagaimana dimaksud dalam Pasal 2 ayat (1);
- b. **PIHAK KEDUA** berkewajiban menyerahkan kepada **PIHAK PERTAMA** luaran Penelitian dengan judul "**Smart Monitoring System for Land and Forest Fires in Riau Province Indonesia using LoRa-IoT Technology**" **PIHAK KEDUA** berkewajiban untuk bertanggungjawab dalam penggunaan dana penelitian yang diterimanya sesuai dengan proposal kegiatan yang telah disetujui;

Pasal 7 **Laporan Pelaksanaan Penelitian**

- (1) **PIHAK KEDUA** berkewajiban untuk menyampaikan kepada **PIHAK PERTAMA** berupa laporan akhir mengenai luaran penelitian dan rekapitulasi penggunaan anggaran sesuai dengan jumlah dana yang diberikan oleh **PIHAK PERTAMA** yang tersusun secara sistematis sesuai pedoman yang ditentukan oleh **PIHAK PERTAMA**.
- (2) **PIHAK KEDUA** berkewajiban melaporkan Laporan hasil penelitian yang telah dilaksanakan untuk di presentasikan paling lambat **31 Juli 2019**.



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- (3) **PIHAK KEDUA** berkewajiban menyerahkan *Hardcopy* Laporan akhir capaian hasil, /Poster/ artikel ilmiah **PIHAK PERTAMA**, paling lambat **31 Juli 2019**.
- (4) Laporan hasil Penelitian sebagaimana tersebut pada ayat (4) harus memenuhi ketentuan sebagai berikut:
 - a. Bentuk/ukuran kertas A4;
 - b. Di bawah bagian cover ditulis:

Dibiayai oleh:
Dana Penelitian Bersama UIR - UTP
Sesuai dengan Kontrak Penelitian Kerjasama
Nomor: 470/KONTRAK/LPPM-UIR/9-2018

Pasal 8 **Monitoring dan Evaluasi**

PIHAK PERTAMA dalam rangka pengawasan akan melakukan Monitoring dan Evaluasi terhadap kemajuan pelaksanaan Penelitian Tahun Anggaran 2018/2019 ini dilaksanakan pada bulan April - Mei tahun 2019.

Pasal 9 **Sanksi**

- (1) Apabila sampai dengan batas waktu yang telah ditetapkan untuk melaksanakan Penelitian ini telah berakhir, namun **PIHAK KEDUA** belum menyelesaikan tugasnya, terlambat mengirim laporan akhir, maka **PIHAK KEDUA** dikenakan sanksi administratif berupa penghentian pembayaran dan tidak dapat mengajukan proposal penelitian dalam kurun waktu satu tahun berturut-turut.
- (2) Apabila **PIHAK KEDUA** tidak dapat mencapai target luaran sebagaimana dimaksud dalam Pasal 5, maka kekurangan capaian target luaran tersebut akan dicatat sebagai hutang **PIHAK KEDUA** kepada **PIHAK PERTAMA** yang apabila tidak dapat dilunasi oleh **PIHAK KEDUA**, akan berdampak pada kesempatan **PIHAK KEDUA** untuk mendapatkan pendanaan penelitian atau hibah lainnya yang dikelola oleh **PIHAK PERTAMA**.

Pasal 10 **Pembatalan Perjanjian**

- (1) Apabila dikemudian hari terhadap judul Penelitian sebagaimana dimaksud dalam Pasal 1 ditemukan adanya duplikasi dengan Penelitian lain dan/atau ditemukan adanya ketidakjujuran, itikad tidak baik, dan/atau perbuatan yang tidak sesuai dengan kaidah ilmiah dari atau dilakukan oleh **PIHAK KEDUA**, maka perjanjian Penelitian ini dinyatakan batal dan **PIHAK KEDUA** wajib mengembalikan dana penelitian yang telah diterima kepada **PIHAK PERTAMA** yang selanjutnya akan dikembalikan ke panitia pemilihan bersama UIR-UTP.
- (2) Bukti setor sebagaimana dimaksud pada ayat (1) disimpan oleh **PIHAK PERTAMA**.

Pasal 11 **Penyelesaian Sengketa**

Apabila terjadi perselisihan antara **PIHAK PERTAMA** dan **PIHAK KEDUA** dalam pelaksanaan perjanjian ini akan dilakukan penyelesaian secara musyawarah dan mufakat, dan apabila tidak tercapai penyelesaian secara musyawarah dan mufakat maka penyelesaian dilakukan melalui proses hukum.



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Telp. +62 761 72126 Fax. +62761 674834 Email : lpmm@uir.ac.id Website: www.lpmm.uir.ac.id

Pasal 12

Lain-lain

- (1) **PIHAK KEDUA** menjamin bahwa penelitian dengan judul tersebut di atas belum pernah dibiayai dan/atau diikutsertakan pada Pendanaan Penelitian lainnya, baik yang diselenggarakan oleh instansi, lembaga, perusahaan atau yayasan, baik di dalam maupun di luar negeri.
- (2) Segala sesuatu yang belum cukup diatur dalam Perjanjian ini dan dipandang perlu diatur lebih lanjut dan dilakukan perubahan oleh **PARA PIHAK**, maka perubahan-perubahannya akan diatur dalam perjanjian tambahan atau perubahan yang merupakan satu kesatuan dan bagian yang tidak terpisahkan dari Perjanjian ini.

Demikianlah surat perjanjian ini dibuat pada hari ini, tanggal, bulan dan tahun seperti tersebut diatas dan dibuat dalam rangkap 2 (dua) rangkap sebagai kekuatan dan untuk dipergunakan sebagaimana semestinya.



PIHAK PERTAMA

Dr. Evizal Abdul Kadir, S.T., M.Eng
NIDN: 1029027601



PIHAK KEDUA

Dr. Evizal Abdul Kadir, S.T., M.Eng
NIDN: 1029027601