

Republic of the Philippines
Department of Education
Cordillera Administrative Region

April 23, 2024

REGIONAL MEMORANDUM

No. 240.2024

CONDUCT OF THE STUDY TITLED "PROJECT SYLLABI: SYNTHESIS OF LOGICAL AND LEARNING ALGORITHM-BASED INFORMATION USING ARTIFICIAL INTELLIGENCE AND DATA ANALYSIS FOR FLEXIBLE LEARNING EDUCATION"

To: Schools Division Superintendents
All Divisions
SEPS, SGOD-Planning and Research Unit
Others Concerned

1. Relative to the Department Memorandum No. OUA-OUT-020124-P4-1 referring to De La Salle University (DLSU) request in the conduct of their National Research Council of the Philippines (NCRP) – funded research titled "Project SYLLABI: Synthesis of Logical and Learning Algorithm-Based Information using Artificial Intelligence and Data Analysis for Flexible Learning Education", this Office encourages the voluntary participation in the online survey and FGDs of **all Junior High School and Senior High School learners and teachers in the region until May 17, 2024.**

2. The survey link for learners is <https://bit.ly/STUDENTS-survey>, and for teachers is <https://bit.ly/TEACHERS-survey>. The following QR Code may also be used:


For Learners



For Teachers



3. For more inquiries, please contact the PPRD through telephone number 422-1318 or the email address car.pprd@deped.gov.ph.
4. Immediate and wide dissemination of this memorandum is desired.


ESTELA P. LEON-CARIÑO EdD, CESO III
Director IV / Regional Director

Encl.: DM No. OUA-OUT-020124-P4-1
PPRD/CDBJr/CPP



Address: DepEd-CAR Complex, Wangal, La Trinidad, Benguet, 2601

Telephone No: (074) 422 - 1318

Email Address: car@deped.gov.ph



DepEd Tayo Cordillera



<https://depedcar.ph>




Republic of the Philippines
Department of Education

OFFICE OF THE UNDERSECRETARY FOR ADMINISTRATION

OUA-OUT-020124-P4-1

MEMORANDUM

TO : All Regional Directors

FROM : 
NOLASCO A. MEMPIN, Jr.
Undersecretary for Administration

SUBJECT : Request for the Conduct of a Study entitled "Project SYLLABI: Synthesis of Logical and Learning Algorithm-Based Information using Artificial Intelligence and Data Analysis for Flexible Learning Education"

DATE : 01 February 2024

This has reference to the request of Dr. Jhoanne C. Orillo, a faculty from De La Salle University (DLSU), to conduct their National Research Council of the Philippines (NRCP)-funded research titled "Project SYLLABI: Synthesis of Logical and Learning Algorithm-Based Information using Artificial Intelligence and Data Analysis for Flexible Learning Education". The study aims to develop a pilot scale Educational Management Information System that would serve as a platform to gather necessary information and data on important educational performance indicators. The study also aims to determine the impact and effectiveness of online learning in terms of knowledge and skill-based assessment in the Philippines.

In this regard, a series of research endeavors will be undertaken, including the administration of online surveys and conduct of focus group discussions (FGDs). The target participants for the surveys and FGDs will be students from Junior High School and Senior High School, as well as teachers from these grade levels, excluding schools that participated in the pilot testing phase, as listed in Annex 1. The survey will be administered online, and the respective links and QR codes for access are provided in Annex 2. Subsequently, the FGDs will be conducted remotely via Zoom, following the retrieval of survey responses. Within the online survey form, there is an inquiry regarding the willingness of volunteer teachers and students to engage in the FGD. Based on their responses, the researchers will select at least two teachers and two students from each region to participate in the Focus Group Discussion. Templates for assent and consent forms are available in Annex 3. Further, researchers require information regarding the number of students who have received academic awards from 2017 up to present.



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@depdedphilippines



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www.depded.gov.ph

Room 508, 5th Floor Mabini Building, DepEd Complex, Meralco Avenue, Pasig City 1600

Telephone No. : (02) 8638-1780; Email: usecforadministration@dened.gov.ph

In this regard, Regional Offices (ROs) are requested to:

- Coordinate with School Division Offices (SDOs) and schools to support the research team in the dissemination of the online survey among Junior High School and Senior High School students and teachers;
- Coordinate with School Division Offices (SDOs) to gather data on the number of students who have received academic awards from 2017 up to present.
- For the conduct of focus group discussion (FGD), the DLSU research team will laterally coordinate its details and schedule to selected participants from field offices. This will be conducted through an online platform; and
- Submit feedback on the actual conduct of the study as a result of monitoring to the Policy Research and Development Division - Planning Service (PRD-PS) at email address: ps.prd@deped.gov.ph (See Annex 4 for the template of monitoring report).

Kindly note that participation is voluntary. Particularly, participants have the right to refuse to participate or discontinue in accomplishing the survey at any time.



For further inquiries, kindly contact the PS-PRD at email address ps.prd@deped.gov.ph . For lateral coordination, contact Dr. Jhoanne C. Orillo, Associate Professor Lecturer of Department of Physics De La Salle University (DLSU), Department of Physics, 7th Floor William Hall, De La Salle University, 2401 Taft Avenue, Manila through mobile number, 09179720670 and email address, jhoanne.orillo@dlsu.edu.ph.

For consideration and appropriate action. Thank you.

Annex 1: List of Excluded Schools for the Survey (Schools participated in the Pilot Testing)

No.	Region	School name
1	CALABARZON	Bacoor National High School
2	Region III	Subic National High School
3	NCR	De La Salle Integrated School
4	Region III	Ilwas National High School
5	NCR	Ramon Magsaysay High School

Annex 2: Links for the Surveys

Intended Respondents	Survey Link	QR Code
Teachers	https://bit.ly/TEACHERS-survey	 bit.ly/TEACHERS-survey
Students	https://bit.ly/STUDENTS-survey	<p>QR Code</p> 



De La Salle University

Taft Avenue, Manila

ASSENT TO PARTICIPATE IN A RESEARCH STUDY

"Teachers' and Students' Experiences and Challenges in Learning: Pre, During and Post Pandemic"

We, the Project SYLLABI team, are faculty members of De La Salle University and are conducting a research study entitled, "Project SYLLABI: SYnthesis of Logical and Learning Algorithm-Based Information using Artificial Intelligence and Data Analytics for Flexible Learning Education". This is a three-year project of the Department of Science and Technology and the National Research Council of the Philippines. As part of the research process, we need to gather data from both the teachers' and students' lived experiences, challenges, and problems encountered in the last five years to determine the effectiveness of distance learning. With that, you are being invited to take part in this research because we feel that your experience as a teacher/student can contribute much to our understanding and knowledge of flexible learning in the country. The survey is divided into 7 sections and could be accomplished in 5-10 minutes through Google forms or pen-and-paper, whichever is more convenient.

- Section 1 - Teachers' or students' personal information
- Section 2 - Mode of teaching/learning
- Section 3 - Teachers' or students' experiences in distance teaching/learning
- Section 4 - Challenges Encountered in distance learning
- Section 5 - Teachers' or Students' Level of Satisfaction in distance teaching/learning
- Section 6 - Teachers' or Student's experiences in a face-to-face set-up
- Section 7 - Perspective in a hybrid learning set-up.

Participation in this study is voluntary and will not earn any merit or sanction. Likewise, the participant has the right to corroborate data and the researcher's interpretation. He/she may ask to revisit the analysis if he/she thinks there are any misinterpretations in the analysis.

If the participant agrees to participate in the study and is a minor (17 years old and below), please accomplish the parental/ guardian consent and send it to your teacher as soon as possible. If the participant has AGREED and wishes to drop out of the study, please send us an email to remove the data from our analysis. If the participant does not accomplish the activity, he/she will be asked to proceed to the assigned task by the professor.

Rest assured that the data gathered will be treated with utmost confidentiality. Personal information will NEVER be shared with the public and will be analyzed only by the researchers involved. Final analysis, conclusions, and recommendations are planned to be presented in conferences and or journal publications to contribute to scientific knowledge.

If you have any questions or concerns, please contact me at jhoanne.ontio@dlSU.edu.ph

CERTIFICATE OF CONSENT

By signing this form, I have read the foregoing information, or it has been read to me. I have had the opportunity to ask questions about it and any questions I have been asked have been answered to my satisfaction. I consent voluntarily to be a participant in this study

Students' Name and Signature/ Date

I have accurately read out the information sheet to the potential participant, and to the best of my ability made sure that the participant understands that he/she will answer the survey questions thru google forms or pen-and-paper, whichever is more convenient.

I confirm that the participant was given an opportunity to ask questions about the study, and all the questions asked by the participant have been answered correctly and to the best of my ability. I confirm that the individual has not been coerced into giving consent, and the consent has been given freely and voluntarily.

If you decide to participate, and your parents agree, we'll give you a copy of this form for future reference.

Investigator's Name and Signature /Date

ASSENT OF ADOLESCENT (17 years old and below)

By signing this form, I have read the foregoing information, or it has been read to me. I have had the opportunity to ask questions about it and any questions I have been asked have been answered to my satisfaction. I consent voluntarily to be a participant in this study

Students' Name and Signature/ Date

Parent/Guardian's Name and Signature / Date

I have accurately read out the information sheet to the potential participant, and to the best of my ability made sure that the participant understands that he/she will answer the survey questions thru google forms or pen-and-paper, whichever is more convenient.

I confirm that the participant was given an opportunity to ask questions about the study, and all the questions asked by the participant have been answered correctly and to the best of my ability. I confirm that the individual has not been coerced into giving consent, and the consent has been given freely and voluntarily.

If you decide to participate, and your parents agree. we'll give you a copy of this form for future reference.

Investigator's Name and Signature /Date

Annex 4: Template for Monitoring Report

Governance level (RO/SDO)	Date of Data Gathering	Research Activities Conducted	Reported Feedback
		<i>(Indicative research activities conducted such as KII and FGD and the number of participants)</i>	<i>(Discuss feedback of participants regarding the conduct of research activities, and challenges and difficulties encountered in facilitating the activity)</i>